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AVE/VAS V: 25MB SOUNDING DATA

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Interim Report

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16. ABSTRACT <p>This report describes the rawinsonde sounding program for the AVE/VAS V experiment and presents tabulated data at 25-mb intervals for the 2<sup>nd</sup> 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-<math>\beta</math>-scale network are tabulated, as are observations of ground temperature at a depth of 2 cm.</p>					
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TABLE OF CONTENTS

	Page
LIST OF FIGURES . . . . .	iv
LIST OF TABLES . . . . .	iv
1. <u>Introduction</u> . . . . .	1
2. <u>The AVE/VAS V Experiment</u> . . . . .	1
3. <u>Rawinsonde Data</u> . . . . .	6
3.1 <u>Collection of the Data</u> . . . . .	6
3.2 <u>Methods of Processing</u> . . . . .	6
3.3 <u>Accuracy Estimates</u> . . . . .	6
3.4 <u>Presentation of the Data</u> . . . . .	8
3.5 <u>Soundings with Abnormal Characteristics</u> . . . . .	14
4. <u>Other Data</u> . . . . .	14
<u>Acknowledgements</u> . . . . .	18
<u>Reference</u> . . . . .	18
APPENDIX I . . . . .	19
APPENDIX II . . . . .	304

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LIST OF FIGURES

Figure		Page
1	Locations of rawinsonde stations participating in the AVE/VAS field experiment . . . . .	4

LIST OF TABLES

Table		Page
1	Listing of operational days and sounding times in the AVE/VAS field experiment . . . . .	2
2	Rawinsonde stations participating in the AVE/VAS field experiment . . . . .	3
3	Locations of special rawinsonde stations participating in the AVE/VAS field experiment . . . . .	5
4	Estimates of the RMS errors in thermodynamic quantities of AVE/VAS rawinsonde data . . . . .	7
5	Estimates of RMS errors in AVE/VAS rawinsonde wind data . . . . .	7
6	Example of contact sounding data for AVE/VAS V . . .	9
7	Explanation of column headings of tabulated sounding data for AVE/VAS V . . . . .	13
8	Launch time (GMT) and termination pressure (mb) for soundings from the AVE/VAS meso- $\beta$ -scale network . .	15
9	AVE/VAS V soundings with abnormal characteristics .	16
10	AVE/VAS V soundings with more than five successive contacts with missing temperatures . . . . .	16
11	Ground temperatures ( $^{\circ}$ C) at a depth of 2 cm at special rawinsonde stations on May 1-2 1982 . . . .	17



AVE/VAS V: 25 MB SOUNDING DATA

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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- $\beta$  network centered on Stephenville, Texas.

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<sup>1</sup>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- $\beta$  network only on shakedown

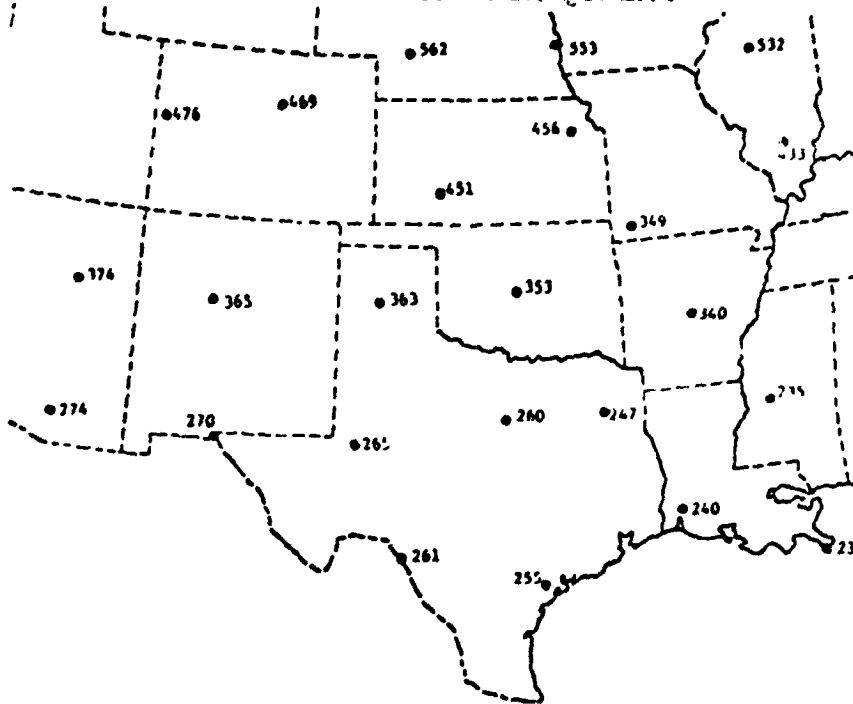
\*\* Final 1200 GMT sounding at NWS stations only

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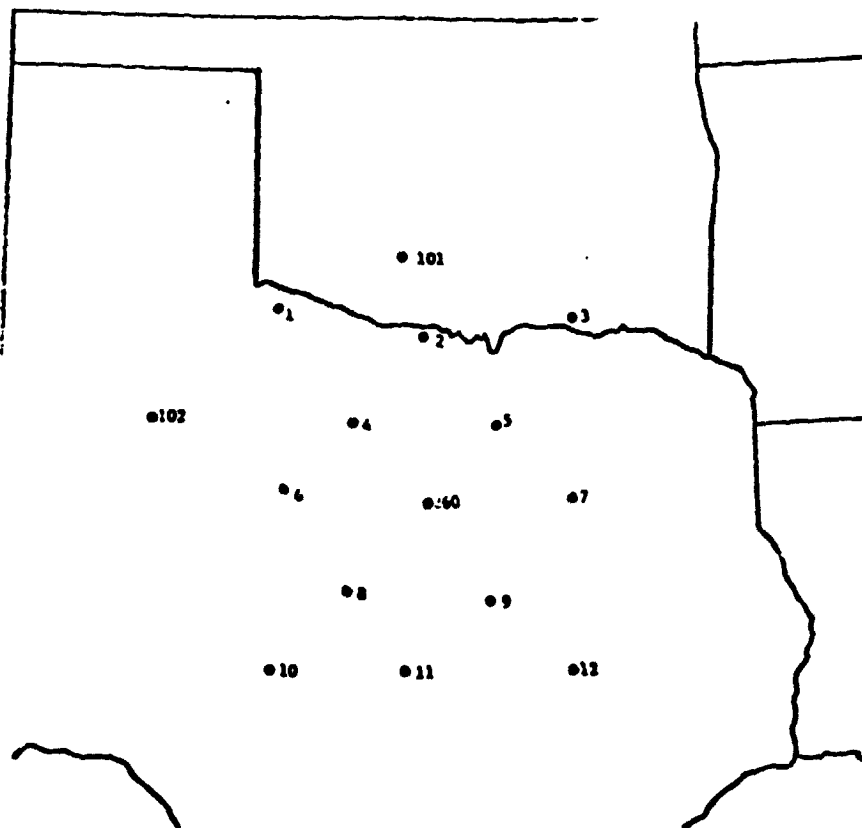
Table 2. Rawinsonde stations participating in the AVE/VAS field experiment.

Station Number	Location
<u>Special Stations</u>	
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
<u>NWS Stations</u>	
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	Albuquerque, 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( <sup>o</sup> N)	Longitude( <sup>o</sup> 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 (MSFC), 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- $\beta$  networks, and time cross-sections were analyzed for each station. Suspected errors 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  $-40^{\circ}\text{C}$ ; at temperatures below  $-40^{\circ}\text{C}$ , 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 hygriators; computations for sondes with new carbon hygriators 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  $10^\circ$  but greater than  $6^\circ$ , while two asterisks denote angles less than  $6^\circ$ . 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 replaced 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.

TIME MIN	CHYCT	MELGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	NH PCT	RANGE KM	AZ DG
00	0	449.9	969.0	13.2	12.0	60.0	2.0	-2.0	-0.3	288.9	313.3	9.5	96.0	0.0	0
01	0	482.4	985.0	12.4	98.9	40.7	5.7	-3.7	-4.2	298.4	309.9	9.3	999.9	0.0	220
04	10	578.5	955.0	11.6	98.9	40.7	5.7	-3.7	-4.3	288.7	309.9	9.9	999.9	0.0	220
06	10	678.4	944.0	10.5	10.1	44.4	5.5	-3.9	-4.4	289.5	310.9	7.9	990.5	0.0	220
12	13	765.4	934.0	9.9	8.3	44.4	5.5	-3.6	-3.9	289.2	309.6	7.7	92.4	0.0	221
15	14	864.2	913.0	9.3	8.3	61.4	4.3	-3.6	-3.2	289.6	309.7	7.6	92.1	0.0	222
19	14	954.8	902.0	9.3	8.4	72.7	4.0	-3.8	-2.1	289.9	311.2	7.6	93.3	0.0	224
22	16	1157.6	891.0	9.2	8.1	81.2	3.4	-3.4	-1.2	291.0	311.9	7.6	92.9	0.0	226
26	17	1351.4	881.0	9.5	8.5	114.7	2.8	-2.6	0.1	293.1	314.1	7.9	93.0	0.0	230
33	18	1546.1	871.0	9.5	99.9	128.1	2.4	-1.9	1.5	294.4	317.2	9.9	999.9	0.0	238
41	20	1848.9	850.0	9.0	8.6	130.4	1.8	-1.3	1.1	295.3	317.9	8.2	92.8	0.0	241
45	21	1647.2	840.0	9.0	7.8	167.6	1.5	-0.9	0.9	296.6	316.8	8.0	93.5	0.0	243
52	23	1748.4	830.0	7.0	6.8	178.5	1.5	-0.1	1.5	296.5	316.6	7.5	93.4	0.0	248
57	24	1847.3	810.0	6.1	5.9	178.5	1.5	0.1	1.5	296.6	313.7	7.2	93.0	0.0	249
60	25	2049.3	800.0	5.7	2.9	182.0	2.4	0.5	2.4	287.3	313.4	5.9	81.3	0.0	252
64	26	2182.7	788.0	5.6	2.3	188.3	2.5	0.4	2.4	288.3	313.2	5.8	79.7	0.0	259
66	26	2356.5	780.0	4.5	1.2	186.2	3.0	0.7	2.9	286.1	313.0	5.4	79.0	0.0	263
71	28	2467.9	760.0	3.8	-0.2	154.6	3.6	-1.6	3.3	288.5	312.1	4.9	74.6	0.0	268
75	29	2575.3	750.0	3.3	-0.2	149.3	3.7	-1.9	3.6	289.1	312.6	4.7	75.5	0.0	274
79	30	2672.8	741.0	1.5	-1.1	141.4	3.0	-2.1	2.3	299.9	312.6	4.8	82.5	1.0	282
83	31	2782.3	731.0	1.0	-0.5	125.7	2.8	-1.8	1.5	299.2	314.0	5.1	89.5	1.0	284
86	32	2903.2	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
90	33	3068.8	713.0	1.0	-2.2	80.3	3.0	-3.7	-0.6	302.0	315.0	4.6	79.2	1.1	283
94	34	3300.3	703.0	0.4	-2.6	65.7	4.2	-3.5	-1.7	303.5	315.3	4.5	60.4	1.2	278
102	36	3505.0	694.0	0.2	-2.4	50.4	4.5	-3.5	-2.9	304.5	315.7	4.6	60.6	1.2	278
106	37	3610.8	685.0	-0.3	-4.6	37.0	4.9	-3.0	-4.6	304.1	315.3	3.9	71.2	1.4	270
110	38	3717.6	676.0	-0.8	-5.6	32.2	5.5	-2.8	-4.0	304.5	315.3	3.7	70.4	1.4	270
114	39	3825.0	667.0	-1.8	-6.1	32.8	5.6	-3.0	-4.7	304.9	315.6	3.7	71.4	1.5	265
118	40	3932.6	658.0	-2.7	-6.2	32.8	5.6	-3.3	-4.6	304.9	315.6	3.7	70.7	1.5	265
123	41	4040.7	650.0	-3.6	-6.4	42.4	5.7	-3.5	-4.2	304.9	316.3	3.8	67.4	1.7	268
127	42	4148.4	641.0	-4.4	-6.4	42.4	5.6	-3.5	-3.6	305.2	316.3	3.8	67.4	1.7	268
131	43	4256.1	632.0	-5.1	-6.1	59.9	5.7	-4.9	-2.8	305.6	316.6	3.8	60.0	1.8	265
135	44	4363.8	623.0	-5.8	-6.7	69.0	5.2	-4.9	-2.8	306.3	317.6	3.7	67.5	2.0	253
139	45	4471.7	614.0	-6.5	-6.7	73.1	4.3	-4.4	-1.2	308.0	317.6	3.0	67.5	2.2	253
143	46	4579.6	605.0	-7.2	-11.9	78.7	4.4	-3.9	-0.8	309.3	317.0	2.5	59.8	2.3	253
147	47	4687.5	597.0	-7.9	-13.2	83.6	4.4	-4.4	-0.5	309.8	316.6	2.3	60.8	2.4	254
151	48	4795.4	588.0	-8.6	-12.9	93.6	4.6	-4.8	-0.2	310.2	317.6	2.2	60.8	2.5	254
155	49	4903.3	579.0	-9.3	-14.2	93.6	5.2	-5.2	0.3	311.1	317.6	2.2	52.4	2.7	255
159	50	5011.2	570.0	-10.0	-14.2	97.8	5.1	-5.1	0.7	311.3	317.4	1.9	52.4	2.8	257
163	51	5119.1	561.0	-10.7	-17.4	97.8	4.6	-4.6	0.6	312.0	317.4	1.7	48.3	2.9	257
167	52	5227.0	552.0	-11.4	-14.2	98.3	4.4	-4.4	0.0	312.6	319.0	1.3	48.3	3.0	258

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 12 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 1 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	
17.7	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	5167.0	539.0	-9.7	-17.6	76.8	4.4	-3.8	-1.6	314.4	320.0	1.8	52.4	3.3	258	
18.2	55.0	5302.3	531.0	-10.6	-19.1	57.4	3.5	-3.0	-1.9	315.7	319.7	1.6	49.7	3.3	257	
18.7	56.0	5416.1	523.0	-11.0	-20.3	49.0	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	-21.8	33.0	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	-23.6	33.3	3.3	-1.8	-2.7	315.9	320.9	1.6	50.6	3.5	255	
20.0	59.0	5776.1	499.0	-13.6	-23.9	25.9	3.3	-1.6	-3.3	316.7	321.0	1.3	49.4	3.6	254	
20.4	60.0	5896.9	491.0	-14.4	-23.8	16.3	3.6	-1.1	-3.3	317.1	320.8	1.1	44.7	3.7	253	
20.9	61.0	6025.3	483.0	-15.0	-23.5	8.5	4.0	-0.6	-3.9	317.9	320.9	0.9	38.4	3.7	253	
21.4	62.0	6155.7	476.0	-15.5	-22.3	12.1	4.5	-0.9	-4.6	318.5	321.1	0.8	35.4	3.8	250	
21.8	63.0	6247.3	469.0	-16.8	-21.1	16.3	4.8	-1.4	-4.6	318.5	321.1	0.8	35.4	3.8	250	
22.2	64.0	6376.4	461.0	-17.5	-21.3	17.2	5.1	-1.5	-4.8	319.1	322.0	0.9	39.7	3.9	248	
22.7	65.0	6490.8	454.0	-18.4	-21.2	11.9	5.2	-1.1	-5.1	319.3	322.3	0.9	41.9	3.9	247	
23.1	66.0	6623.3	446.0	-19.6	-21.4	3.7	5.3	-0.3	-5.3	319.4	322.4	0.9	45.7	4.0	245	
23.6	67.0	6740.5	439.0	-20.6	-21.6	355.5	5.5	0.4	-5.5	319.3	322.6	1.0	49.6	4.1	244	
24.1	68.0	6859.6	432.0	-21.6	-21.2	357.6	5.8	0.2	-5.8	319.8	322.7	0.9	55.2	4.2	240	
24.5	69.0	6996.6	424.0	-22.2	-21.5	357.6	5.8	0.2	-5.8	320.8	322.7	0.7	55.2	4.3	238	
25.0	70.0	7119.0	417.0	-23.1	-21.3	357.1	5.2	0.7	-5.8	321.1	323.2	0.7	45.6	4.4	236	
25.5	71.0	7242.8	410.0	-24.0	-21.3	357.1	5.5	0.3	-5.1	321.5	323.6	0.6	45.9	4.5	234	
26.4	72.0	7366.3	403.0	-25.1	-21.9	359.9	5.0	0.0	-5.1	321.7	323.8	0.6	47.9	4.5	233	
26.9	73.0	7495.4	396.0	-26.1	-21.4	354.6	5.5	0.5	-5.1	322.0	323.8	0.5	46.2	4.6	232	
27.4	74.0	7605.6	390.0	-27.1	-21.8	344.9	5.6	1.5	-5.4	322.2	324.0	0.5	49.0	4.7	230	
27.9	75.0	7726.0	383.0	-28.0	-21.6	335.9	6.2	2.5	-5.7	322.6	324.0	0.4	49.0	4.8	228	
28.4	76.0	7868.2	376.0	-29.2	-20.3	331.3	6.7	3.2	-5.9	322.8	323.8	0.3	32.8	4.8	225	
28.9	77.0	8002.2	369.0	-30.3	-20.4	328.7	7.3	3.8	-6.2	322.9	324.0	0.3	30.2	4.8	223	
29.4	78.0	8118.5	363.0	-31.4	-21.3	328.0	8.4	4.7	-6.9	323.1	324.0	0.2	32.8	5.0	220	
29.9	79.0	8258.2	356.0	-32.3	-21.8	325.3	8.6	4.9	-7.0	323.6	324.1	0.2	32.8	5.1	217	
30.4	80.0	8375.8	350.0	-33.5	-21.5	323.2	7.6	4.6	-6.1	323.6	324.0	0.1	16.1	5.2	212	
30.9	81.0	8517.3	343.0	-34.5	-21.5	317.9	6.4	4.3	-4.8	324.1	324.4	0.1	15.7	5.2	210	
31.4	82.0	8640.4	337.0	-35.9	-21.2	312.8	6.0	4.4	-4.1	324.9	324.2	0.1	16.6	5.3	208	
31.9	83.0	8785.9	330.0	-37.0	-21.1	313.2	6.3	4.6	-4.3	324.2	324.6	0.1	18.9	5.3	206	
32.4	84.0	8912.5	324.0	-38.1	-21.6	311.7	6.5	4.8	-4.4	324.4	324.7	0.1	15.7	5.4	204	
32.9	85.0	9040.9	318.0	-39.3	-21.3	312.0	6.7	5.0	-4.5	324.5	324.7	0.1	13.9	5.5	202	
33.4	86.0	9171.0	312.0	-40.4	-21.9	315.8	7.0	4.9	-5.7	324.8	324.8	0.1	99.9	5.5	200	
33.9	87.0	9325.4	305.0	-41.5	-21.9	319.4	7.5	4.9	-6.1	325.4	325.0	0.1	99.9	5.6	200	
34.4	88.0	9459.9	299.0	-42.4	-21.4	321.0	7.8	4.9	-6.1	326.0	325.0	0.1	99.9	5.7	198	
34.9	89.0	9596.7	293.0	-43.7	-21.9	319.1	7.9	5.2	-6.0	326.6	325.0	0.1	99.9	5.8	197	
35.4	90.0	9742.2	286.0	-44.7	-21.9	316.4	8.2	5.6	-5.9	326.7	325.0	0.1	99.9	5.9	194	
35.9	91.0	9852.7	280.0	-45.9	-21.9	318.0	8.5	5.7	-6.3	326.7	325.0	0.1	99.9	6.0	192	
36.4	92.0	9995.5	276.0	-47.1	-21.9	317.8	8.1	5.5	-6.0	326.7	325.0	0.1	99.9	6.1	190	
36.9	93.0	10140.8	270.0	-49.9	-21.9	314.3	7.8	5.6	-5.4	327.5	325.0	0.1	99.9	6.3	188	
37.4	94.0	10288.5	264.0	-49.7	-21.9	307.9	8.0	6.3	-4.8	327.1	325.0	0.1	99.9	6.6	186	
37.9	95.0	10413.3	259.0	-50.9	-21.9	304.3	8.7	7.2	-4.9	327.1	325.0	0.1	99.9	6.7	184	
38.4	96.0	10565.5	253.0	-51.9	-21.9	303.2	9.6	8.0	-5.2	327.1	325.0	0.1	99.9	6.9	182	
38.9	97.0	10720.7	247.0	-53.0	-21.9	300.2	9.5	8.2	-4.8	328.4	325.0	0.1	99.9	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  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

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Table 6. Continued.

TIME MIN	CNTCT	HEIGHT GPM	FRCS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTG GM/KG	RH PCT	RANGE KM	AZ DG
39 5	95 0	1052 1	242 0	-54 7	99 9	290 4	9 0	7 9	-4 4	328 2	999 9	99 9	999 9	7 3	178
40 0	99 0	1095 5	237 0	-55 7	99 9	300 9	8 5	7 3	-4 3	328 3	999 9	99 9	999 9	7 3	178
40 5	100 0	1120 8	232 0	-57 1	99 9	297 9	7 7	6 8	-3 9	328 6	999 9	99 9	999 9	7 5	173
41 5	101 0	1125 4	227 0	-58 7	99 9	287 5	6 9	6 4	-3 2	328 5	999 9	99 9	999 9	7 7	172
42 0	102 0	1138 1	222 0	-59 7	99 9	287 5	6 9	6 1	-3 2	328 5	999 9	99 9	999 9	7 7	172
42 4	103 0	1156 9	216 0	-61 1	99 9	285 3	6 7	5 9	-3 2	328 7	999 9	99 9	999 9	7 8	170
42 9	104 0	1184 7	212 0	-62 1	99 9	285 2	6 6	6 0	-2 8	328 6	999 9	99 9	999 9	7 9	170
43 5	105 0	1183 9	207 0	-63 1	99 9	280 2	7 1	6 6	-2 4	329 7	999 9	99 9	999 9	8 0	166
44 0	106 0	1192 0	202 0	-64 2	99 9	280 2	9 2	6 6	-2 3	330 2	999 9	99 9	999 9	8 2	167
44 5	107 0	1213 5	197 0	-63 8	99 9	286 9	11 4	10 2	-5 2	333 4	999 9	99 9	999 9	8 4	165
45 1	108 0	1226 1	193 0	-63 8	99 9	301 1	12 8	11 0	-6 6	335 4	999 9	99 9	999 9	8 6	163
45 7	109 0	1242 2	188 0	-64 8	99 9	302 3	13 0	11 0	-6 8	336 1	999 9	99 9	999 9	8 6	163
46 3	110 0	1255 3	184 0	-65 9	99 9	302 3	13 0	11 3	-6 8	336 3	999 9	99 9	999 9	9 0	159
46 8	111 0	1272 0	179 0	-65 7	99 9	297 9	13 6	12 0	-6 4	343 1	999 9	99 9	999 9	9 7	158
47 3	112 0	1287 9	175 0	-64 8	99 9	297 1	12 6	11 2	-5 7	349 4	999 9	99 9	999 9	10 0	158
47 8	113 0	1299 9	171 0	-62 3	99 9	298 8	12 9	11 8	-5 4	351 8	999 9	99 9	999 9	10 6	154
48 4	114 0	1314 8	167 0	-63 1	99 9	295 0	11 7	11 7	-5 3	353 6	999 9	99 9	999 9	11 0	152
48 9	115 0	1333 4	162 0	-62 3	99 9	295 0	13 0	11 7	-5 3	357 4	999 9	99 9	999 9	11 3	151
49 5	116 0	1348 7	158 0	-61 6	99 9	288 7	14 1	13 0	-4 8	360 9	999 9	99 9	999 9	11 7	149
50 2	117 0	1364 1	154 0	-61 6	99 9	288 2	14 9	13 0	-4 1	365 2	999 9	99 9	999 9	12 2	147
50 8	118 0	1380 9	146 0	-60 9	99 9	285 2	15 0	15 0	-3 5	368 6	999 9	99 9	999 9	12 6	145
51 4	120 0	1414 9	142 0	-61 0	99 9	285 4	15 3	14 7	-3 6	368 6	999 9	99 9	999 9	13 0	143
52 0	121 0	1428 9	142 0	-62 1	99 9	285 5	15 2	14 7	-3 6	370 4	999 9	99 9	999 9	13 4	143
52 7	122 0	1460 8	139 0	-62 5	99 9	283 5	13 6	13 1	-3 4	372 5	999 9	99 9	999 9	13 8	140
53 3	123 0	1465 9	131 0	-63 1	99 9	283 5	14 6	14 2	-3 4	379 7	999 9	99 9	999 9	14 3	138
54 0	124 0	1483 9	127 0	-63 1	99 9	281 4	16 1	15 4	-3 4	384 3	999 9	99 9	999 9	15 4	138
54 8	125 0	1498 4	120 0	-61 6	99 9	294 2	15 7	14 3	-3 4	388 3	999 9	99 9	999 9	15 9	137
55 2	126 0	1518 7	117 0	-61 4	99 9	281 3	14 0	13 0	-3 5	392 1	999 9	99 9	999 9	16 4	136
55 9	127 0	1534 6	113 0	-62 0	99 9	285 0	13 3	12 8	-3 5	392 6	999 9	99 9	999 9	16 8	135
56 5	128 0	1555 6	110 0	-63 1	99 9	288 3	11 9	12 6	-3 3	395 0	999 9	99 9	999 9	17 3	134
57 2	129 0	1572 3	106 0	-63 1	99 9	288 3	11 3	10 8	-3 6	397 8	999 9	99 9	999 9	17 7	134
57 9	130 0	1595 2	103 0	-64 2	99 9	289 6	11 8	10 8	-5 0	400 3	999 9	99 9	999 9	18 1	134
58 5	131 0	1612 7	100 0	-64 2	99 9	292 0	11 8	10 9	-4 4	403 4	999 9	99 9	999 9	18 5	133
59 1	132 0	1629 6	100 0	-63 2	99 9	288 5	12 9	12 3	-2 0	410 3	999 9	99 9	999 9	19 0	132
59 6	133 0	1655 9	98 0	-63 1	99 9	288 5	11 8	11 4	-2 7	414 4	999 9	99 9	999 9	19 4	132
60 4	134 0	1685 2	90 0	-63 1	99 9	286 6	10 8	10 6	-3 0	417 2	999 9	99 9	999 9	20 2	131
61 8	135 0	1705 7	87 0	-63 6	99 9	288 6	11 6	11 0	-3 7	422 0	999 9	99 9	999 9	20 8	130
62 5	136 0	1716 4	84 0	-63 2	99 9	288 6	12 2	10 7	-5 0	426 3	999 9	99 9	999 9	21 3	130
63 3	138 0	1780 4	81 0	-63 2	99 9	305 8	11 2	9 1	-5 7	430 7	999 9	99 9	999 9	21 8	130
64 0	139 0	1783 3	78 0	-63 2	99 9	288 9	8 8	6 7	-2 0	435 4	999 9	99 9	999 9	21 8	130
64 9	140 0	1799 5	76 0	-63 6	99 9	270 1	5 5	5 5	-0 7	437 9	999 9	99 9	999 9	21 8	130
65 7	141 0	1824 3	73 0	-63 6	99 9	278 3	8 6	5 5	-0 7	442 6	999 9	99 9	999 9	22 4	129
66 4	142 0	1850 9	70 0	-62 9	99 9	278 3	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  
 \*\* 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

Table 6. Concluded.

STATION NO 1 CROWELL, TEXAS															
1 MAY 1982															
1113 GMT															
TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	MX R TO	RH	RANGE	AZ
MIN		GPM	MB	DG C	DG C	DG	M/SEC	M/SEC	M/SEC	DG K	DG K	GM/KG	PCT	KM	DG
67.1	143.0	18771.1	67.0	-62.1	99.9	283.4	8.0	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	8.1	-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	-2.6	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	-2.9	494.7	999.9	99.9	999.9	24.0	129
72.2	149.0	20353.0	52.0	-58.0	99.9	340.8	3.1	1.0	-2.9	498.8	999.9	99.9	999.9	24.1	130
73.2	150.0	20728.7	49.0	-58.0	99.9	38.4	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	-57.6	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	21284.6	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.

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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- $\beta$  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 azimuth) 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.

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

Date		5/2/82									
Crowell, TX (001)	1113 42mb	140C 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				

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

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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 ( $^{\circ}\text{C}$ ) 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

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OF FCOR

### 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.

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### 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.

ORIGINAL PAGE IS  
OF POOR QUALITY

APPENDIX 1  
AVE/VAS V Sounding Data  
Presented at 25-mb Intervals

ORIGINAL PAGE IS  
OF POOR QUALITY

TIME MIN	QNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	POT K DG K	E POT T DG K	MX RTO GM/MG	RH PCT	RANGE KM	AZ DG
00	0	418	999	13	12	00	2	0	0	288	288	313	9	96	0	0
01	0	1000	999	99	99	99	99	99	99	99	99	99	99	99	99	99
02	0	875	999	99	99	99	99	99	99	99	99	99	99	99	99	99
03	0	823	999	11	7	41	5	6	3	289	289	308	9	99	0	5
04	0	646	999	10	0	50	2	3	7	289	289	311	3	93	7	7
05	0	1074	999	8	3	78	3	3	7	289	289	311	3	93	7	7
06	0	1308	999	9	5	119	3	2	2	295	295	316	6	99	9	0
07	0	1548	999	9	0	148	6	1	6	295	295	316	6	99	9	0
08	0	1798	999	7	4	175	9	0	1	295	295	316	6	99	9	0
09	0	2049	999	5	7	187	3	3	3	298	298	312	6	81	3	3
10	0	2308	999	4	2	182	9	0	0	298	298	312	6	78	4	0
11	0	2575	999	2	2	145	2	2	9	300	300	314	7	86	8	1
12	0	2848	999	1	1	107	8	3	1	302	302	315	8	81	1	3
13	0	3131	999	0	3	60	3	4	3	304	304	315	3	70	5	1
14	0	3422	999	0	1	34	0	5	7	304	304	315	3	70	5	1
15	0	3722	999	0	0	54	0	3	9	306	306	317	1	87	4	1
16	0	4022	999	0	0	65	2	5	1	306	306	317	1	87	4	1
17	0	4322	999	0	0	85	2	4	7	309	309	316	9	91	9	2
18	0	4622	999	0	0	101	2	4	4	311	311	317	5	54	5	5
19	0	4922	999	0	0	127	9	4	0	312	312	317	5	54	5	5
20	0	5222	999	0	0	154	4	4	4	312	312	320	1	47	1	3
21	0	5522	999	0	0	181	2	7	1	315	315	321	0	50	3	3
22	0	5822	999	0	0	208	3	5	4	315	315	321	0	50	3	3
23	0	6122	999	0	0	234	4	5	3	318	318	323	4	36	7	7
24	0	6422	999	0	0	261	6	3	2	319	319	323	4	36	7	7
25	0	6722	999	0	0	287	7	2	5	320	320	323	1	47	1	3
26	0	7022	999	0	0	313	9	0	6	321	321	323	9	33	3	3
27	0	7322	999	0	0	339	3	2	1	321	321	323	9	33	3	3
28	0	7622	999	0	0	365	4	6	6	322	322	324	0	16	1	2
29	0	7922	999	0	0	391	6	5	4	322	322	324	0	16	1	2
30	0	8222	999	0	0	417	8	1	7	324	324	324	7	16	2	5
31	0	8522	999	0	0	443	0	5	1	324	324	324	7	16	2	5
32	0	8822	999	0	0	469	2	4	7	325	325	324	7	16	2	5
33	0	9122	999	0	0	495	4	8	0	325	325	324	7	16	2	5
34	0	9422	999	0	0	521	6	1	0	325	325	324	7	16	2	5
35	0	9722	999	0	0	547	3	0	3	326	326	324	7	16	2	5
36	0	10022	999	0	0	573	5	8	4	326	326	324	7	16	2	5
37	0	10322	999	0	0	599	7	0	3	326	326	324	7	16	2	5
38	0	10622	999	0	0	625	9	0	8	326	326	324	7	16	2	5
39	0	10922	999	0	0	651	3	3	4	328	328	324	7	16	2	5
40	0	11222	999	0	0	677	5	5	5	328	328	324	7	16	2	5
41	0	11522	999	0	0	703	7	3	8	328	328	324	7	16	2	5
42	0	11822	999	0	0	729	0	0	4	328	328	324	7	16	2	5
43	0	12122	999	0	0	755	2	6	1	328	328	324	7	16	2	5
44	0	12422	999	0	0	781	4	1	3	328	328	324	7	16	2	5
45	0	12722	999	0	0	807	6	1	3	328	328	324	7	16	2	5
46	0	13022	999	0	0	833	8	5	4	328	328	324	7	16	2	5
47	0	13322	999	0	0	859	0	8	5	328	328	324	7	16	2	5
48	0	13622	999	0	0	885	2	1	1	328	328	324	7	16	2	5
49	0	13922	999	0	0	911	4	4	2	328	328	324	7	16	2	5
50	0	14222	999	0	0	937	6	7	3	328	328	324	7	16	2	5
51	0	14522	999	0	0	963	8	0	0	328	328	324	7	16	2	5
52	0	14822	999	0	0	989	0	3	3	328	328	324	7	16	2	5
53	0	15122	999	0	0	1015	2	6	1	328	328	324	7	16	2	5
54	0	15422	999	0	0	1041	4	5	1	328	328	324	7	16	2	5
55	0	15722	999	0	0	1067	6	8	4	328	328	324	7	16	2	5
56	0	16022	999	0	0	1093	8	1	7	328	328	324	7	16	2	5
57	0	16322	999	0	0	1119	0	0	0	328	328	324	7	16	2	5
58	0	16622	999	0	0	1145	2	3	3	328	328	324	7	16	2	5
59	0	16922	999	0	0	1171	4	5	5	328	328	324	7	16	2	5
60	0	17122	999	0	0	1197	6	8	8	328	328	324	7	16	2	5
61	0	17422	999	0	0	1223	8	1	1	328	328	324	7	16	2	5
62	0	17722	999	0	0	1249	0	4	4	328	328	324	7	16	2	5
63	0	18022	999	0	0	1275	2	7	7	328	328	324	7	16	2	5
64	0	18322	999	0	0	1301	4	0	0	328	328	324	7	16	2	5
65	0	18522	999	0	0	1327	6	3	3	328	328	324	7	16	2	5
66	0	18722	999	0	0	1353	8	6	6	328	328	324	7	16	2	5
67	0	18922	999	0	0	1379	0	9	9	328	328	324	7	16	2	5
68	0	19122	999	0	0	1405	2	2	2	328	328	324	7	16	2	5
69	0	19322	999	0	0	1431	4	5	5	328	328	324	7	16	2	5
70	0	19522	999	0	0	1457	6	8	8	328	328	324	7	16	2	5
71	0	19722	999	0	0	1483	8	1	1	328	328	324	7	16	2	5
72	0	20022	999	0	0	1509	0	4	4	328	328	324	7	16	2	5
73	0	20322	999	0	0	1535	2	7	7	328	328	324	7	16	2	5
74	0	20622	999	0	0	1561	4	0	0	328	328	324	7	16	2	5
75	0	20922	999	0	0	1587	6	3	3	328	328	324	7	16	2	5
76	0	21222	999	0	0	1613	8	6	6	328	328	324	7	16	2	5
77	0	21522	999	0	0	1639	0	9	9	328	328	324	7	16	2	5
78	0	21822	999	0	0	1665	2	2	2	328	328	324	7	16	2	5
79	0	22122	999	0	0	1691	4	5	5	328	328	324	7	16	2	5
80	0	22422	999	0	0	1717	6	8	8	328	328	324	7	16	2	5
81	0	22722	999	0	0	1743	8	1	1	328	328	324	7	16	2	5
82	0	22922	999	0	0	1769	0	4	4	328	328	324	7	16	2	5
83	0	23222	999	0	0	1795	2	7	7	328	328	324	7	16	2	5
84	0	23522	999	0	0	1821	4	0	0	328	328	324	7	16	2	5
85	0	23822	999	0	0	1847	6	3	3	328	328	324	7	16	2	5
86	0	24122	999	0	0	1873	8	6	6	328	328	324	7	16	2	5
87	0	24422	999	0	0	1899	0	9	9	328	328	324	7	16	2	5
88	0	24722	999	0	0	1925	2	2	2	328	328	324	7	16	2	5
89	0	25022	999	0	0	1951	4	5	5	328	328	324	7	16	2	5
90	0	25322	999	0	0	1977	6	8	8	328	328	324	7	16	2	5
91	0	25622	999	0	0	2003	8	1	1	328	328	324	7	16	2	5
92	0	25922	999	0	0	2029	0	4	4	328	328	324	7	16	2	5
93	0	26222	999	0	0	2055	2	7	7	328	328	324	7	16	2	5
94	0	26522	999	0	0	2081	4	0	0	328	328	324	7	16	2	5
95	0	26822	999	0	0	2107	6	3	3	328	328	324	7	16	2	5
96	0	27122	999	0	0	2133	8	6	6	328	328	324	7	16	2	5
97	0	27422	999	0	0	2159	0	9	9	328	328	324	7	16	2	5
98	0	27722	999													



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 1  
CROWELL, TEXAS  
1 MAY 1982  
1707 GMT

TIME MIN	CNTST	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00	00	418.0	979.5	18.0	11.3	120.0	1.0	0.0	0.5	292.5	315.3	6.7	70.0	0.0	0.0
00	00	418.0	1042.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00	418.0	975.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00	418.0	965.0	13.7	00.0	78.0	3.2	3.1	-0.7	281.1	00.0	00.0	00.0	00.0	00.0
00	00	418.0	925.0	10.5	10.6	08.2	3.1	-2.9	-1.2	281.1	314.2	6.8	05.4	0.4	257.0
00	00	418.0	900.0	10.1	10.5	102.3	2.6	-0.5	0.3	292.0	313.5	6.3	05.7	0.5	257.0
00	00	418.0	1317.7	11.5	10.8	148.7	3.1	-1.5	2.6	283.7	312.8	6.2	05.5	0.7	286.0
00	00	418.0	850.0	7.0	5.7	155.2	5.2	-2.2	4.7	284.5	312.8	6.3	05.5	0.7	286.0
00	00	418.0	850.0	0.7	4.2	126.9	4.0	-2.7	2.9	295.7	312.8	6.3	05.5	0.7	286.0
00	00	418.0	850.0	5.0	2.0	110.5	3.9	-3.7	1.4	297.4	312.8	6.3	05.5	0.7	286.0
00	00	418.0	775.0	4.0	1.4	112.5	3.7	-3.4	1.4	299.1	314.3	6.5	05.5	0.7	286.0
00	00	418.0	754.0	2.0	1.5	118.4	3.2	-2.8	1.5	300.5	313.9	6.4	05.4	0.7	297.0
00	00	418.0	725.0	1.5	-2.4	97.1	4.0	-3.8	0.0	301.2	313.9	6.4	05.4	0.7	297.0
00	00	418.0	700.0	0.0	-2.4	97.1	4.0	-3.8	0.0	302.5	315.0	6.4	05.4	0.7	297.0
00	00	418.0	675.0	-2.0	-3.5	103.7	3.7	-3.0	0.0	303.3	315.0	6.4	05.4	0.7	297.0
00	00	418.0	650.0	-3.0	-3.5	58.0	1.5	-1.2	-0.8	305.3	316.8	6.4	05.4	0.7	297.0
00	00	418.0	625.0	-3.0	-3.2	171.5	1.3	0.2	-1.3	308.0	317.4	6.4	05.4	0.7	297.0
00	00	418.0	600.0	-3.0	-3.2	224.5	2.2	1.5	-1.5	309.0	318.4	6.4	05.4	0.7	297.0
00	00	418.0	575.0	-7.3	-11.0	000.0	00.0	00.0	00.0	311.5	319.6	6.4	05.4	0.7	297.0
00	00	418.0	550.0	-6.4	-11.0	000.0	00.0	00.0	00.0	314.1	320.9	6.4	05.4	0.7	297.0
00	00	418.0	525.0	-11.1	-16.0	000.0	00.0	00.0	00.0	315.1	321.4	6.4	05.4	0.7	297.0
00	00	418.0	500.0	-13.0	-19.0	334.3	5.1	2.2	-4.0	318.2	321.3	6.4	05.4	0.7	297.0
00	00	418.0	475.0	-15.7	-24.0	356.0	4.4	0.2	-4.4	318.2	322.0	6.4	05.4	0.7	297.0
00	00	418.0	450.0	-18.0	-30.0	328.0	2.1	1.1	-1.8	321.3	322.8	6.4	05.4	0.7	297.0
00	00	418.0	425.0	-21.0	-33.5	342.1	1.7	0.5	-3.2	323.3	323.5	6.4	05.4	0.7	297.0
00	00	418.0	400.0	-24.0	-42.0	354.1	4.4	0.5	-4.4	323.4	324.2	6.4	05.4	0.7	297.0
00	00	418.0	375.0	-28.0	-48.5	000.0	00.0	00.0	00.0	324.7	325.2	6.4	05.4	0.7	297.0
00	00	418.0	350.0	-32.0	-51.4	000.0	00.0	00.0	00.0	325.7	325.2	6.4	05.4	0.7	297.0
00	00	418.0	325.0	-37.0	-48.5	000.0	00.0	00.0	00.0	325.7	326.1	6.4	05.4	0.7	297.0
00	00	418.0	300.0	-42.0	-51.4	000.0	00.0	00.0	00.0	325.7	326.1	6.4	05.4	0.7	297.0
00	00	418.0	275.0	-47.0	-51.4	000.0	00.0	00.0	00.0	325.7	326.1	6.4	05.4	0.7	297.0
00	00	418.0	250.0	-51.0	-51.4	000.0	00.0	00.0	00.0	325.7	326.1	6.4	05.4	0.7	297.0
00	00	418.0	225.0	-51.0	-51.4	000.0	00.0	00.0	00.0	325.7	326.1	6.4	05.4	0.7	297.0
00	00	418.0	200.0	-51.0	-51.4	000.0	00.0	00.0	00.0	325.7	326.1	6.4	05.4	0.7	297.0
00	00	418.0	175.0	-51.0	-51.4	000.0	00.0	00.0	00.0	325.7	326.1	6.4	05.4	0.7	297.0
00	00	418.0	150.0	-51.0	-51.4	000.0	00.0	00.0	00.0	325.7	326.1	6.4	05.4	0.7	297.0
00	00	418.0	125.0	-51.0	-51.4	000.0	00.0	00.0	00.0	325.7	326.1	6.4	05.4	0.7	297.0
00	00	418.0	100.0	-51.0	-51.4	000.0	00.0	00.0	00.0	325.7	326.1	6.4	05.4	0.7	297.0
00	00	418.0	75.0	-51.0	-51.4	000.0	00.0	00.0	00.0	325.7	326.1	6.4	05.4	0.7	297.0
00	00	418.0	50.0	-51.0	-51.4	000.0	00.0	00.0	00.0	325.7	326.1	6.4	05.4	0.7	297.0
00	00	418.0	25.0	-51.0	-51.4	000.0	00.0	00.0	00.0	325.7	326.1	6.4	05.4	0.7	297.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 16 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 1  
CROWELL, TEXAS  
1 MAY 1982  
2300 GMT

TIME MIN	CMTC	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG K	E POT 1 DG K	MT DTD GM KG	RH PCT	RANGE MM	AZ DG
00	0														
01	0	48	865	18	13	0	0	0	0	295	322	10	69	0	0
02	0	98	1000	18	13	0	0	0	0	295	322	10	69	0	0
03	0	98	1000	18	13	0	0	0	0	295	322	10	69	0	0
04	0	98	1000	18	13	0	0	0	0	295	322	10	69	0	0
05	0	98	1000	18	13	0	0	0	0	295	322	10	69	0	0
06	0	98	1000	18	13	0	0	0	0	295	322	10	69	0	0
07	0	98	1000	18	13	0	0	0	0	295	322	10	69	0	0
08	0	98	1000	18	13	0	0	0	0	295	322	10	69	0	0
09	0	98	1000	18	13	0	0	0	0	295	322	10	69	0	0
10	0	98	1000	18	13	0	0	0	0	295	322	10	69	0	0
11	0	98	1000	18	13	0	0	0	0	295	322	10	69	0	0
12	0	98	1000	18	13	0	0	0	0	295	322	10	69	0	0
13	0	98	1000	18	13	0	0	0	0	295	322	10	69	0	0
14	0	98	1000	18	13	0	0	0	0	295	322	10	69	0	0
15	0	98	1000	18	13	0	0	0	0	295	322	10	69	0	0
16	0	98	1000	18	13	0	0	0	0	295	322	10	69	0	0
17	0	98	1000	18	13	0	0	0	0	295	322	10	69	0	0
18	0	98	1000	18	13	0	0	0	0	295	322	10	69	0	0
19	0	98	1000	18	13	0	0	0	0	295	322	10	69	0	0
20	0	98	1000	18	13	0	0	0	0	295	322	10	69	0	0
21	0	98	1000	18	13	0	0	0	0	295	322	10	69	0	0
22	0	98	1000	18	13	0	0	0	0	295	322	10	69	0	0
23	0	98	1000	18	13	0	0	0	0	295	322	10	69	0	0
24	0	98	1000	18	13	0	0	0	0	295	322	10	69	0	0
25	0	98	1000	18	13	0	0	0	0	295	322	10	69	0	0
26	0	98	1000	18	13	0	0	0	0	295	322	10	69	0	0
27	0	98	1000	18	13	0	0	0	0	295	322	10	69	0	0
28	0	98	1000	18	13	0	0	0	0	295	322	10	69	0	0
29	0	98	1000	18	13	0	0	0	0	295	322	10	69	0	0
30	0	98	1000	18	13	0	0	0	0	295	322	10	69	0	0

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

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 1  
CROWELL, TEXAS  
2 MAY 1982  
213 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 RTD GM/KG	RH PCT	RANGE KM	AZ DG
00.0	10.1	449.9	966.5	17.5	16.4	0	0	0	0	293.5	325.2	12.2	93.0	0	0
00.9	09.9	99.9	1000.0	99.9	99.9	0	0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.6	11.6	59.9	975.0	17.0	12.9	99.9	0	0	0	99.9	99.9	99.9	99.9	99.9	99.9
1.4	14.0	824.7	925.0	15.0	11.7	113.4	0	0	0	294.5	320.6	9.9	76.7	0	273
2.3	15.5	1058.7	905.0	13.2	10.8	142.6	1.7	1.3	1.3	294.7	319.5	9.4	80.3	0	290
3.1	19.0	1293.2	875.0	11.2	10.0	140.6	2.4	1.9	1.9	295.1	319.3	9.2	85.0	0	297
4.0	21.5	1535.3	850.0	9.7	9.7	150.6	2.6	2.0	2.0	295.4	319.3	8.6	85.0	0	311
4.9	24.1	1783.1	825.0	8.2	9.0	151.2	2.9	2.3	2.3	296.3	318.6	8.3	92.3	0	315
5.9	26.6	2037.4	800.0	7.0	8.6	156.9	3.8	3.5	3.5	296.6	318.4	7.7	92.3	0	323
6.7	31.6	2298.1	775.0	5.4	7.7	155.4	3.5	3.2	3.2	299.6	317.9	6.7	92.0	0	327
7.7	31.6	2566.1	750.0	3.8	7.0	161.6	2.2	2.1	2.1	300.8	318.0	6.2	92.3	1	327
8.6	34.3	2841.3	725.0	2.4	6.8	168.3	2.7	2.7	2.7	302.2	317.9	5.6	88.7	1	329
9.6	36.9	3124.1	700.0	0.3	6.3	223.1	4.9	3.4	3.6	302.8	312.9	3.5	62.1	1	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	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	355
12.5	45.1	4028.9	625.0	-3.1	-12.0	177.3	1.1	-0.1	3.2	308.9	316.3	2.4	50.4	1	358
13.6	47.9	4351.3	600.0	-4.7	-16.9	128.6	1.6	-1.3	1.0	310.7	318.0	1.7	37.9	1	356
14.9	51.0	4685.8	575.0	-5.8	-18.6	66.4	2.5	-2.3	-2.3	313.2	318.9	1.8	42.3	2	352
16.1	53.9	5032.7	550.0	-7.9	-25.4	47.0	2.9	-2.1	-2.6	314.8	317.7	0.9	23.6	1	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	341
18.6	60.0	5767.6	500.0	-12.0	-36.2	347.2	3.8	0.6	-2.8	318.5	318.2	0.3	11.1	1	336
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	11.4	1	336
21.6	66.3	6588.2	450.0	-17.5	-39.3	99.9	99.9	99.9	99.9	321.1	322.1	0.3	12.4	1	336
23.1	69.6	6990.8	425.0	-21.3	-42.0	99.9	99.9	99.9	99.9	321.7	322.5	0.2	13.0	1	336
24.7	73.0	7434.8	400.0	-24.9	-44.7	99.9	99.9	99.9	99.9	322.7	323.5	0.2	13.7	1	336
26.4	76.6	7900.7	375.0	-28.7	-47.5	99.9	99.9	99.9	99.9	323.6	324.1	0.1	14.4	1	336
30.0	84.0	8389.9	350.0	-33.5*	-53.9	99.9	99.9	99.9	99.9	323.6	323.9	0.1	14.4	1	336
31.9	87.8	8949.4	325.0	-38.5	-53.9	99.9	99.9	99.9	99.9	325.5	323.9	0.1	17.8	1	336
34.2	92.0	9449.4	300.0	-42.5	-59.9	293.1	15.5	-7.8	-7.8	327.5	323.9	0.1	17.8	1	336
36.8	96.4	10031.6	275.0	-46.7	-59.9	293.1	15.5	-6.2	-6.2	329.0	323.9	0.1	17.8	1	336
39.2	101.0	10656.3	250.0	-51.9	-59.9	288.6	16.1	-5.1	-5.1	332.8	323.9	0.1	17.8	1	336
42.2	106.0	11332.5	225.0	-55.9	-59.9	288.5	17.4	-5.3	-5.3	337.8	323.9	0.1	17.8	1	336
45.0	111.2	12077.1	200.0	-60.0	-59.9	291.7	21.0	-7.8	-7.8	348.5	323.9	0.1	17.8	1	336
48.3	117.0	12902.3	175.0	-62.3	-59.9	294.6	21.5	-9.0	-9.0	361.1	323.9	0.1	17.8	1	336
52.2	123.0	13851.9	150.0	-63.7	-59.9	300.0	19.4	-8.6	-8.6	402.6	323.9	0.1	17.8	1	336
56.6	131.0	14874.2	125.0	-64.8	-59.9	306.9	14.4	-11.5	-11.5	437.5	323.9	0.1	17.8	1	336
62.0	139.3	16341.4	100.0	-64.8	-59.9	322.8	7.0	-1.8	-1.8	500.2	323.9	0.1	17.8	1	336
70.1	149.5	18100.7	75.0	-60.8	-59.9	99.9	99.9	99.9	99.9	500.2	323.9	0.1	17.8	1	336
82.4	160.5	20602.0	50.0	-60.8	-59.9	99.9	99.9	99.9	99.9	500.2	323.9	0.1	17.8	1	336
82.4	160.5	24977.9	25.0	-53.0	-59.9	99.9	99.9	99.9	99.9	500.2	323.9	0.1	17.8	1	336

\* BY SPEED MEANS ELEVATION 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  
OF POC

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 I DC K	POT T DG K	MX RTO GM/KG	PCT	RANGE KM	AZ DG
00	99	449	987	17	16	0	0	0	0	293	325	12	96	0	0
01	99	999	1000	99	99	99	99	99	99	999	999	999	999	999	999
02	99	999	975	99	99	99	99	99	99	999	999	999	999	999	999
03	11	607	950	15	9*	132	2	1	1	293	999	999	999	999	999
04	13	833	925	14	5	179	3	4	8	294	318	9	92	0	224
05	16	1064	900	12	7	177	4	8	8	294	318	9	92	0	224
06	18	1301	875	10	8	168	4	8	8	294	318	9	92	0	224
07	20	1543	850	9	7	165	4	8	8	294	318	9	92	0	224
08	22	1790	825	8	2	165	4	8	8	294	318	9	92	0	224
09	25	2045	800	7	1	173	4	8	8	294	318	9	92	0	224
10	28	2305	775	5	2	188	5	8	6	298	317	9	93	1	250
11	30	2573	750	3	6	195	4	7	6	300	317	9	93	1	250
12	33	2848	725	2	0	211	1	5	6	301	317	9	93	1	250
13	35	3131	700	0	5	219	7	4	6	303	316	9	92	0	224
14	38	3422	675	-1	2	222	9	6	6	304	315	9	92	0	224
15	41	3723	650	-0	9	198	8	3	5	308	316	9	92	0	224
16	43	4038	625	-2	3	172	8	3	2	309	316	9	92	0	224
17	46	4359	600	-3	4	171	3	2	0	312	318	5	38	3	44
18	49	4695	575	-5	7	154	7	0	8	313	318	5	38	3	44
19	52	5042	550	-7	7	181	0	9	0	317	317	5	38	3	44
20	55	5402	525	-10	3	323	1	2	1	318	317	5	38	3	44
21	58	5776	500	-12	8	326	1	2	1	319	318	5	38	3	44
22	01	6155	475	-14	8	333	0	1	6	320	320	2	10	2	10
23	04	6572	450	-16	3	337	3	5	2	321	321	6	10	2	10
24	07	6955	425	-18	3	321	4	4	9	321	322	4	12	0	10
25	10	7338	400	-21	8	314	1	6	0	322	322	4	12	0	10
26	13	7903	375	-25	5	319	6	9	2	322	322	4	12	0	10
27	16	8390	350	-29	8	308	2	9	9	324	323	6	13	9	106
28	19	8905	325	-33	8	300	6	10	8	324	323	6	13	9	106
29	22	9453	300	-37	6	307	3	10	9	326	325	1	13	9	106
30	25	10035	275	-41	6	297	1	10	3	327	325	1	13	9	106
31	28	10684	250	-46	9	294	5	14	6	332	324	9	13	9	106
32	31	11348	225	-51	9	290	5	15	2	334	324	9	13	9	106
33	34	12090	200	-54	9	290	5	16	2	337	324	9	13	9	106
34	37	12816	175	-60	5	295	4	18	1	346	327	0	17	1	109
35	40	13565	150	-62	6	295	4	18	1	346	327	0	17	1	109
36	43	14355	125	-67	7	299	4	19	9	362	325	1	20	8	111
37	46	15185	100	-65	5	299	4	19	9	362	325	1	20	8	111
38	49	16056	75	-63	5	301	3	15	4	405	325	1	25	5	113
39	52	16985	50	-63	1	330	3	12	7	437	325	1	29	9	114
40	55	17960	25	-63	1	999	9	8	2	470	325	1	33	8	115
41	58	18980	0	-63	1	999	9	8	2	470	325	1	33	8	115
42	01	20010	0	-63	1	999	9	8	2	470	325	1	33	8	115
43	04	21040	0	-63	1	999	9	8	2	470	325	1	33	8	115
44	07	22070	0	-63	1	999	9	8	2	470	325	1	33	8	115
45	10	23100	0	-63	1	999	9	8	2	470	325	1	33	8	115
46	13	24130	0	-63	1	999	9	8	2	470	325	1	33	8	115
47	16	25160	0	-63	1	999	9	8	2	470	325	1	33	8	115
48	19	26190	0	-63	1	999	9	8	2	470	325	1	33	8	115
49	22	27220	0	-63	1	999	9	8	2	470	325	1	33	8	115
50	25	28250	0	-63	1	999	9	8	2	470	325	1	33	8	115
51	28	29280	0	-63	1	999	9	8	2	470	325	1	33	8	115
52	31	30310	0	-63	1	999	9	8	2	470	325	1	33	8	115
53	34	31340	0	-63	1	999	9	8	2	470	325	1	33	8	115
54	37	32370	0	-63	1	999	9	8	2	470	325	1	33	8	115
55	40	33400	0	-63	1	999	9	8	2	470	325	1	33	8	115
56	43	34430	0	-63	1	999	9	8	2	470	325	1	33	8	115
57	46	35460	0	-63	1	999	9	8	2	470	325	1	33	8	115
58	49	36490	0	-63	1	999	9	8	2	470	325	1	33	8	115
59	52	37520	0	-63	1	999	9	8	2	470	325	1	33	8	115
60	55	38550	0	-63	1	999	9	8	2	470	325	1	33	8	115
61	58	39580	0	-63	1	999	9	8	2	470	325	1	33	8	115
62	01	40610	0	-63	1	999	9	8	2	470	325	1	33	8	115
63	04	41640	0	-63	1	999	9	8	2	470	325	1	33	8	115
64	07	42670	0	-63	1	999	9	8	2	470	325	1	33	8	115
65	10	43700	0	-63	1	999	9	8	2	470	325	1	33	8	115
66	13	44730	0	-63	1	999	9	8	2	470	325	1	33	8	115
67	16	45760	0	-63	1	999	9	8	2	470	325	1	33	8	115
68	19	46790	0	-63	1	999	9	8	2	470	325	1	33	8	115
69	22	47820	0	-63	1	999	9	8	2	470	325	1	33	8	115
70	25	48850	0	-63	1	999	9	8	2	470	325	1	33	8	115
71	28	49880	0	-63	1	999	9	8	2	470	325	1	33	8	115
72	31	50910	0	-63	1	999	9	8	2	470	325	1	33	8	115
73	34	51940	0	-63	1	999	9	8	2	470	325	1	33	8	115
74	37	52970	0	-63	1	999	9	8	2	470	325	1	33	8	115
75	40	54000	0	-63	1	999	9	8	2	470	325	1	33	8	115
76	43	55030	0	-63	1	999	9	8	2	470	325	1	33	8	115
77	46	56060	0	-63	1	999	9	8	2	470	325	1	33	8	115
78	49	57090	0	-63	1	999	9	8	2	470	325	1	33	8	115
79	52	58120	0	-63	1	999	9	8	2	470	325	1	33	8	115
80	55	59150	0	-63	1	999	9	8	2	470	325	1	33	8	115
81	58	60180	0	-63	1	999	9	8	2	470	325	1	33	8	115
82	01	61210	0	-63	1	999	9	8	2	470	325	1	33	8	115
83	04	62240	0	-63	1	999	9	8	2	470	325	1	33	8	115
84	07	63270	0	-63	1	999	9	8	2	470	325	1	33	8	115
85	10	64300	0	-63	1	999	9	8	2	470	325	1	33	8	115
86	13	65330	0	-63	1	999	9	8	2	470	325	1	33	8	115
87	16	66360	0	-63	1	999	9	8	2	470	325	1	33	8	115
88	19	67390	0	-63	1	999	9	8	2	470	325	1	33	8	115
89	22	68420	0	-63	1	999	9	8	2	470	325	1	33	8	115
90	25	69450	0	-63	1	999	9	8	2	470	325	1	33	8	115
91	28	70480	0	-63	1	999	9	8	2	470	325	1	33	8	115
92	31	71510	0	-63	1	999	9	8	2	470	325	1	33	8	115
93	34	72540	0	-63	1	999	9	8	2	470	325	1	33	8	115
94	37	73570	0	-63	1	999	9	8	2	470	325	1	33	8	115
95	40	74600	0	-63	1	999	9	8	2	470	325	1	33	8	115
96	43	75630	0	-63	1	999	9	8	2	470	325	1	33	8	115
97	46	76660	0	-63	1	999	9	8	2	470	325	1	33	8	115
98	49	77690	0	-63	1	999	9	8	2	470	325	1	33	8	115
99	52	78720	0	-63	1	999	9	8	2	470	325	1	33	8	115
00	55	79750	0	-63	1	999	9	8	2	470	325	1	33	8	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 2  
HENRIETTA, TEXAS  
1 MAY 1982  
1110 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 RTG GM/KG	RH PCT	RANGE MM	AZ DG
00	79	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	0.0
01	99	394.9	975.0	12.9	12.2	88.0	99.9	99.9	99.9	289.9	319.9	9.9	99.9	99.9	99.9
03	91	613.8	950.0	12.8	12.4	88.0	7.3	-8.7	-3.0	288.1	315.8	9.2	95.9	0.2	197
04	11	838.0	925.0	12.0	11.6	54.5	5.2	-5.1	-1.7	290.2	315.8	9.6	97.0	0.4	228
05	13	1068.0	900.0	11.7	11.1	90.2	2.9	-2.3	-1.7	291.6	317.9	9.3	97.2	0.6	238
06	18	1303.7	875.0	10.7	10.2	141.4	1.3	-1.4	-1.7	293.5	318.7	9.0	96.6	0.6	243
07	21	1545.4	850.0	10.6	10.9	165.5	2.2	-0.5	-1.9	294.9	318.1	7.4	96.6	0.7	253
08	23	1793.2	825.0	8.9	2.2	196.0	3.9	1.1	3.7	298.0	313.1	5.2	82.6	0.6	268
09	26	2047.6	800.0	7.0	1.0	198.0	4.3	1.3	4.1	298.6	312.9	5.2	80.8	0.6	318
10	28	2307.6	775.0	4.7	1.4	178.5	4.6	-0.1	4.2	298.6	313.7	5.5	80.8	0.8	318
11	31	2574.2	750.0	2.7	1.2	158.0	4.9	1.8	4.5	299.5	315.0	5.8	80.0	0.8	318
12	33	2847.7	725.0	0.7	0.1	171.9	3.8	0.5	3.8	300.2	315.0	5.2	98.2	1.1	324
13	36	3130.0	700.0	-0.2	-0.1	210.1	2.8	1.4	2.4	302.3	316.9	4.9	98.6	1.1	337
14	39	3420.7	675.0	-1.6	-2.1	238.0	2.2	1.8	1.1	303.8	317.7	4.4	98.4	1.1	337
15	41	3720.5	650.0	-3.4	-4.0	292.0	0.9	0.8	0.3	305.1	318.7	3.9	95.9	1.1	339
16	44	4030.5	625.0	-4.7	-5.9	143.5	2.9	-1.7	2.3	307.1	318.7	3.3	91.2	1.3	339
17	47	4351.5	600.0	-5.9	-8.8	168.4	5.3	-1.1	5.2	309.4	319.2	3.1	79.8	1.6	338
18	50	4684.3	575.0	-7.6	-10.1	188.7	7.0	0.8	7.0	311.1	320.4	2.7	82.5	2.0	343
19	53	5029.2	550.0	-9.7	-12.3	185.7	6.3	0.6	6.2	312.6	320.9	2.2	80.8	2.5	343
20	56	5387.3	525.0	-11.6	-14.8	182.0	4.8	0.3	4.8	314.5	321.6	2.2	76.9	3.9	350
21	59	5759.7	500.0	-14.4	-18.6	196.6	4.3	0.9	4.6	316.5	322.4	1.8	66.7	3.6	352
22	62	6146.6	475.0	-17.3	-18.6	196.6	4.8	1.4	4.3	316.5	322.4	1.8	66.7	3.6	352
23	65	6550.4	450.0	-19.9	-18.7	198.0	4.3	0.6	4.3	316.5	322.4	1.8	66.7	3.6	352
24	68	6972.1	425.0	-22.7	-21.1	188.0	3.0	-2.5	1.7	319.6	323.3	1.0	60.1	3.9	357
25	72	7414.8	400.0	-25.5	-25.1	125.2	4.0	-3.3	-3.3	321.9	323.6	0.5	40.0	4.2	353
26	75	7879.6	375.0	-29.2	-33.3	34.4	5.5	-1.8	-5.2	322.9	324.1	0.3	36.8	4.2	349
27	79	8368.6	350.0	-33.3	-42.0	19.1	4.5	-0.9	-4.4	323.8	324.8	0.3	36.8	3.2	349
30	83	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	341
32	87	9431.8	300.0	-42.4	-49.9	347.2	5.0	1.4	-4.8	327.8	329.9	0.3	99.9	2.4	341
34	91	10014.7	275.0	-48.7	-59.9	342.7	5.3	1.6	-4.9	329.0	329.9	0.3	99.9	1.8	338
35	95	10639.0	250.0	-51.8	-59.9	321.6	4.8	2.1	-5.1	330.7	329.9	0.3	99.9	1.2	338
37	100	11312.8	225.0	-57.3	-59.9	317.6	3.1	2.8	-3.6	332.0	329.9	0.3	99.9	0.6	340
39	105	12045.7	200.0	-61.7	-59.9	307.6	2.2	4.9	-3.2	332.0	329.9	0.3	99.9	0.3	18
41	110	12857.9	175.0	-64.7	-59.9	290.8	1.2	11.3	-4.3	333.1	329.9	0.3	99.9	0.4	90
44	116	13805.5	150.0	-61.2	-59.9	285.8	12.1	15.2	-4.1	333.1	329.9	0.3	99.9	1.9	112
47	123	14934.8	125.0	-62.4	-59.9	287.7	15.7	12.1	-4.1	332.0	329.9	0.3	99.9	1.7	107
51	130	16306.5	100.0	-64.1	-59.9	289.9	12.7	11.1	-3.8	403.9	329.9	0.3	99.9	1.6	107
57	139	18073.5	75.0	-62.9	-59.9	289.9	11.8	11.1	-4.0	438.9	329.9	0.3	99.9	1.3	107
64	149	20590.8	50.0	-59.2	-59.9	352.6	5.4	0.7	-5.3	504.1	329.9	0.3	99.9	1.5	110
75	160		25.0	-55.2	-59.9	85.6	2.2	-2.3	-0.2	625.6	329.9	0.3	99.9	1.5	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 RECORD  
OF POOR QUALITY

STATION NO. 2  
HENRIETTA, TEXAS  
1 MAY 1962  
1404 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 PCT T DG K	MX RTC GM-MG	RH PCT	RANGE KM	AZ DG
00	0	287.5	988.8	18.1	11.9	999	99.9	99.9	99.9	290.2	313.3	8.9	76.0	999	999
01	9	99.9	1000.0	99.9	99.9	999	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999	999
02	9	406.5	975.0	14.2	12.6	999	99.9	99.9	99.9	289.5	312.9	99.5	90.1	999	999
03	1	626.0	950.0	13.5	12.1	999	99.9	99.9	99.9	290.9	315.4	99.4	91.1	999	999
04	3	851.0	925.0	12.7	11.3	999	99.9	99.9	99.9	292.4	316.4	99.2	91.0	999	999
05	16	1081.4	900.0	12.3	10.8	999	99.9	99.9	99.9	294.2	318.3	99.1	90.6	999	999
06	18	1317.6	875.0	10.6	6.6	999	99.9	99.9	99.9	295.0	314.1	75.7	90.6	999	999
07	4	1558.7	850.0	9.0	0.3	999	99.9	99.9	99.9	295.6	308.4	4.6	54.3	999	999
08	5	1805.2	825.0	7.3	0.7	999	99.9	99.9	99.9	296.3	309.8	4.9	63.0	999	999
09	6	2057.9	800.0	5.9	-0.3	999	99.9	99.9	99.9	297.5	310.5	4.7	64.2	999	999
10	8	2317.3	775.0	4.2	1.7	999	99.9	99.9	99.9	298.3	313.8	5.6	84.0	999	999
11	0	2584.0	750.0	2.9	1.3	999	99.9	99.9	99.9	299.8	315.3	5.6	88.8	999	999
12	0	2855.5	725.0	1.4	-0.4	999	99.9	99.9	99.9	301.0	315.5	5.7	88.0	999	999
13	0	3144.3	700.0	0.4	-3.2	999	99.9	99.9	99.9	303.0	315.4	5.7	76.6	999	999
14	3	3431.3	675.0	-1.6	-5.3	999	99.9	99.9	99.9	305.8	314.9	3.8	75.9	999	999
15	4	3722.2	650.0	-2.2	-4.6	999	99.9	99.9	99.9	308.5	316.7	3.7	84.0	999	999
16	7	4013.2	625.0	-4.1	-6.7	999	99.9	99.9	99.9	307.6	318.2	3.7	83.4	999	999
17	4	4304.1	600.0	-7.2	-9.3	999	99.9	99.9	99.9	307.6	317.2	3.2	85.1	999	999
18	7	4595.9	575.0	-8.3	-10.0	999	99.9	99.9	99.9	310.3	319.6	3.2	87.3	999	999
19	2	5040.5	550.0	-9.9	-11.8	999	99.9	99.9	99.9	312.4	320.9	2.8	85.4	999	999
20	5	5398.7	525.0	-11.3	-13.6	999	99.9	99.9	99.9	314.8	322.7	2.5	83.1	999	999
21	9	5771.2	500.0	-14.6	-17.5	999	99.9	99.9	99.9	315.3	321.4	1.9	78.1	999	999
22	6	6158.4	475.0	-18.0	-22.0	999	99.9	99.9	99.9	315.7	322.1	1.4	70.5	999	999
23	3	6532.3	450.0	-19.0	-28.2	999	99.9	99.9	99.9	319.3	322.1	0.8	43.8	999	999
24	7	6985.9	425.0	-22.5	-29.2	999	99.9	99.9	99.9	320.1	322.8	0.8	54.3	999	999
25	2	7428.4	400.0	-25.4	-43.8	999	99.9	99.9	99.9	321.9	322.8	0.2	16.0	999	999
26	2	7892.8	375.0	-29.4	-45.1	999	99.9	99.9	99.9	322.7	323.3	0.2	20.1	999	999
27	8	8381.6	350.0	-33.5	-48.3	999	99.9	99.9	99.9	323.6	324.2	0.2	26.0	999	999
28	9	8919.9	325.0	-38.9	-53.9	999	99.9	99.9	99.9	323.6	324.2	0.2	99.9	999	999
29	9	9519.9	300.0	-45.9	-59.9	999	99.9	99.9	99.9	323.6	324.2	0.2	99.9	999	999
30	9	9999.9	275.0	-53.9	-69.9	999	99.9	99.9	99.9	323.6	324.2	0.2	99.9	999	999
31	9	9999.9	250.0	-63.9	-79.9	999	99.9	99.9	99.9	323.6	324.2	0.2	99.9	999	999
32	9	9999.9	225.0	-75.9	-89.9	999	99.9	99.9	99.9	323.6	324.2	0.2	99.9	999	999
33	9	9999.9	200.0	-89.9	-99.9	999	99.9	99.9	99.9	323.6	324.2	0.2	99.9	999	999
34	9	9999.9	175.0	-99.9	-99.9	999	99.9	99.9	99.9	323.6	324.2	0.2	99.9	999	999
35	9	9999.9	150.0	-99.9	-99.9	999	99.9	99.9	99.9	323.6	324.2	0.2	99.9	999	999
36	9	9999.9	125.0	-99.9	-99.9	999	99.9	99.9	99.9	323.6	324.2	0.2	99.9	999	999
37	9	9999.9	100.0	-99.9	-99.9	999	99.9	99.9	99.9	323.6	324.2	0.2	99.9	999	999
38	9	9999.9	75.0	-99.9	-99.9	999	99.9	99.9	99.9	323.6	324.2	0.2	99.9	999	999
39	9	9999.9	50.0	-99.9	-99.9	999	99.9	99.9	99.9	323.6	324.2	0.2	99.9	999	999
40	9	9999.9	25.0	-99.9	-99.9	999	99.9	99.9	99.9	323.6	324.2	0.2	99.9	999	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

Y 8

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 2  
HENRIETTA, TEXAS  
1 MAY 1962  
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 Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	8 3	287 5	989 5	18 9	14 2	0 0	0 0	0 0	0 0	290 9	317 7	10 4	84 0	0 0	0 0
0 6	9 8	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	290 9	317 7	99 9	999 9	999 9	999 9
1 4	11 9	413 2	975 0	14 9	13 0	99 1	-3 2	-3 0	0 4	290 1	315 2	9 7	99 4	0 1	311
2 2	14 3	633 1	950 0	13 5	12 3	105 8	-3 0	-3 6	0 9	290 9	315 5	9 5	92 4	0 2	298
3 1	16 5	858 4	925 0	13 3	11 9	111 6	-3 6	-2 0	1 4	292 8	317 9	9 6	91 4	0 4	289
4 1	18 9	1089 1	900 0	12 0	10 7	148 2	-2 0	-1 1	3 2	293 9	317 6	8 5	91 6	0 7	298
5 0	21 3	1325 0	875 0	10 8	9 4	183 6	-0 8	-0 8	3 5	295 0	317 6	8 5	91 3	0 9	309
5 9	23 8	1566 7	850 0	9 3	7 9	187 0	0 0	0 0	3 5	295 9	317 0	7 9	90 9	0 9	318
6 9	26 2	1814 2	825 0	7 7	6 3	181 2	1 2	1 6	2 1	296 7	318 5	6 8	91 2	1 1	322
7 9	28 7	2067 7	800 0	6 3	4 9	218 3	1 5	1 7	1 6	297 9	318 5	6 3	90 8	1 1	333
8 9	31 2	2328 1	775 0	4 9	3 4	221 7	1 5	1 8	1 8	299 0	318 5	5 9	90 2	1 1	333
9 9	33 6	2595 2	750 0	3 5	2 0	219 5	1 5	2 8	3 0	300 3	317 0	5 5	90 3	1 2	339
10 9	36 4	2870 0	725 0	1 9	0 5	209 2	1 7	3 3	3 3	301 6	317 0	5 5	90 4	1 3	345
11 1	38 4	3153 3	700 0	0 9	-0 5	207 1	2 2	3 1	4 9	303 5	318 5	4 9	90 4	1 5	351
12 2	41 7	3445 3	675 0	-0 4	-2 0	215 3	3 6	2 0	4 7	307 1	319 6	4 7	82 7	1 7	357
13 3	44 7	3748 9	650 0	-1 7	-4 2	210 8	2 4	2 0	4 7	308 6	320 7	4 7	85 6	2 0	3 2
14 6	47 2	4058 7	625 0	-3 3	-5 4	234 8	1 5	1 5	4 1	310 1	321 1	4 1	85 1	2 3	23
15 9	50 0	4380 9	600 0	-5 2	-7 3	255 8	5 8	1 9	1 5	311 0	319 4	3 7	73 8	2 6	31
17 2	53 0	4714 4	575 0	-7 7	-11 5	252 8	8 1	2 1	1 9	312 4	318 6	2 8	60 3	3 0	37
18 6	55 9	5059 2	550 0	-9 8	-16 0	247 6	3 7	2 2	2 2	314 8	320 6	1 9	60 9	3 3	40
19 9	58 9	5417 5	525 0	-11 4	-17 4	238 7	2 0	-2 6	0 7	316 4	322 4	1 9	70 2	3 6	42
21 4	62 0	5790 2	500 0	-13 6	-22 0	288 9	-1 5	-4 4	0 7	318 9	322 4	1 4	60 7	3 5	44
23 0	65 1	6178 7	475 0	-16 2	-30 0	30 6	-2 3	-5 1	0 3	319 9	322 3	0 7	35 7	4 4	44
24 6	68 3	6584 1	450 0	-18 6	-37 8	27 8	-0 1	-5 1	0 3	321 5	322 8	0 3	21 0	5 5	58
26 1	71 8	7008 2	425 0	-21 4	-44 7	334 8	1 9	-3 0	0 2	323 5	324 1	0 2	13 0	6 5	68
27 7	75 1	7452 8	400 0	-24 3	-47 0	324 0	2 2	-3 3	0 2	324 2	325 1	0 2	25 2	7 5	68
29 5	78 7	7918 6	375 0	-28 3	-45 7	316 2	3 0	-4 4	0 2	324 8	325 5	0 2	25 5	7 5	68
31 3	82 3	8410 1	350 0	-32 6	-47 2	307 4	4 4	-3 5	0 2	325 3	325 5	0 2	34 5	7 5	66
33 1	86 3	8927 4	325 0	-37 3	-49 9	292 8	5 7	-4 4	99 9	327 2	325 9	99 9	999 9	9 9	93
35 0	90 3	9475 9	300 0	-41 3	-49 9	282 8	8 2	-3 3	99 9	328 2	325 9	99 9	999 9	9 9	97
37 1	94 7	10060 8	275 0	-46 3	-51 7	278 2	8 9	-1 3	99 9	329 3	325 9	99 9	999 9	9 9	99
39 1	99 3	10886 7	250 0	-51 7	-59 9	270 7	10 4	10 4	99 9	331 0	325 9	99 9	999 9	9 9	99
41 5	104 2	11381 8	225 0	-57 1	-61 9	259 9	99 9	99 9	99 9	334 8	325 9	99 9	999 9	9 9	98
43 9	109 9	12098 4	200 0	-61 9	-69 9	259 9	99 9	99 9	99 9	99 9	325 9	99 9	999 9	99 9	99
46 9	114 9	12998 9	175 0	-69 9	-77 9	259 9	99 9	99 9	99 9	99 9	325 9	99 9	999 9	99 9	99
49 9	120 9	13998 9	150 0	-77 9	-85 9	259 9	99 9	99 9	99 9	99 9	325 9	99 9	999 9	99 9	99
52 9	126 9	14998 9	125 0	-85 9	-93 9	259 9	99 9	99 9	99 9	99 9	325 9	99 9	999 9	99 9	99
55 9	132 9	15998 9	100 0	-93 9	-101 9	259 9	99 9	99 9	99 9	99 9	325 9	99 9	999 9	99 9	99
58 9	138 9	16998 9	75 0	-101 9	-109 9	259 9	99 9	99 9	99 9	99 9	325 9	99 9	999 9	99 9	99
61 9	144 9	17998 9	50 0	-109 9	-117 9	259 9	99 9	99 9	99 9	99 9	325 9	99 9	999 9	99 9	99
64 9	150 9	18998 9	25 0	-117 9	-125 9	259 9	99 9	99 9	99 9	99 9	325 9	99 9	999 9	99 9	99

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

STATION NO 2  
HENRIETTA, TEXAS  
1 MAY 2002 GMT 1982

157 11 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW FT DG C	DIR DG	SPEED M/SEC	U COMP M/SLG	V COMP M/SEC	POT T DG K	F POT T DG K	MX RTO GM/KG	RH PCT	RANGI KM	AZ DG
0 0	0 3	287 5	987 8	18 4	14 1	999 9	99 9	99 9	99 9	292 6	319 4	12 3	76 0	999 9	999 9
0 5	99 5	359 2	1000 0	99 9	99 9	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
1 3	11 6	621 6	975 0	17 6	15 0	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
2 3	14 0	848 3	925 0	18 1	14 1	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
3 1	16 3	1081 3	900 0	14 9	12 7	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
4 0	18 6	1319 3	875 0	13 1	8 2	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
4 9	21 0	1562 7	850 0	11 5	7 2	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
5 9	23 5	1811 6	825 0	9 0	6 1	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
6 8	25 9	2068 2	800 0	7 7	1 2	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
7 8	28 4	2327 2	775 0	5 6	1 4	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
8 7	30 8	2594 7	750 0	3 5	1 4	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
9 8	33 3	2889 4	725 0	2 2	1 3	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
10 9	35 9	3152 9	700 0	1 2	0 0	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
11 9	38 4	3445 4	675 0	-0 2	-1 4	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
12 9	41 1	3747 2	650 0	-1 7	-3 1	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
14 2	43 8	4056 6	625 0	-3 9	-5 6	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
15 4	46 5	4380 6	600 0	-5 2	-11 5	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
16 5	49 2	4714 5	575 0	-6 4	-13 3	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
17 9	52 1	5060 8	550 0	-8 7	-14 3	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
19 1	55 0	5420 3	525 0	-10 2	-17 5	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
20 5	58 0	5795 7	500 0	-12 1	-21 0	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
21 9	61 1	6186 1	475 0	-15 1	-24 0	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
23 4	64 3	6592 9	450 0	-18 1	-27 1	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
24 9	67 4	7017 4	425 0	-21 4	-33 7	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
26 5	70 8	7461 6	400 0	-24 8	-38 3	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
28 2	74 3	7927 8	375 0	-28 5	-46 0	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
29 9	77 9	8417 8	350 0	-32 9	-55 8	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
31 6	81 5	8935 2	325 0	-36 9	-73 7	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
33 5	85 4	9483 6	300 0	-41 8	98 9	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
35 4	89 5	10087 8	275 0	-46 2	99 9	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
37 5	93 8	10694 7	250 0	-51 3	99 9	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
39 7	98 4	11370 2	225 0	-56 7	99 9	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
41 9	103 3	12108 9	200 0	-61 5	99 9	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
44 3	108 6	12930 9	175 0	-63 9	99 9	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
47 1	114 3	13884 2	150 0	-61 5	99 9	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
50 7	120 7	15014 3	125 0	-61 0	99 9	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
54 6	128 3	16396 3	100 0	-64 6	99 9	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
60 0	137 0	18166 6	75 0	-63 5	99 9	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
67 3	147 0	20682 9	50 0	-60 4	99 9	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9
78 5	158 0	25084 9	25 0	-53 0	99 9	999 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	999 9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 + BY TEMP MEANS TEMPERATURE DOWNTIME HAS BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL  
OF

ORIGINAL PAGE IS  
OF POOR QUALITY

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEM PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
00	00	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	999.9
01	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	293.9	999.9	99.9	999.9	999.9	999.9
02	03	388.8	975.0	20.5	13.1	999.9	99.9	99.9	99.9	295.3	321.8	9.8	62.5	999.9	999.9
03	09	612.9	950.0	17.8	13.9	999.9	99.9	99.9	99.9	295.0	323.2	10.6	77.9	999.9	999.9
04	13	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	999.9
05	16	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	999.9
06	20	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	999.9
07	24	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	999.9
08	28	1802.0	825.0	9.5	4.8	999.9	99.9	99.9	99.9	298.6	316.5	6.5	66.5	999.9	999.9
09	32	2057.0	800.0	7.7	6.8	999.9	99.9	99.9	99.9	299.4	320.6	7.8	72.4	999.9	999.9
10	36	2316.3	775.0	5.8	1.3	999.9	99.9	99.9	99.9	300.1	315.3	5.0	93.4	999.9	999.9
11	40	2586.4	750.0	4.8	0.4	999.9	99.9	99.9	99.9	301.8	315.7	5.0	93.4	999.9	999.9
12	44	2862.7	725.0	3.3	2.2	999.9	99.9	99.9	99.9	303.1	320.5	6.2	88.9	999.9	999.9
13	48	3147.3	700.0	2.5	0.7	999.9	99.9	99.9	99.9	305.3	321.7	5.8	92.4	999.9	999.9
14	52	3441.0	675.0	0.7	1.8	999.9	99.9	99.9	99.9	306.4	320.7	5.0	87.9	999.9	999.9
15	56	3743.9	650.0	-0.7	-3.8	999.9	99.9	99.9	99.9	308.2	321.2	4.5	83.3	999.9	999.9
16	00	4057.1	625.0	-1.4	-8.3	999.9	99.9	99.9	99.9	310.9	320.7	3.3	79.2	999.9	999.9
17	04	4381.2	600.0	-3.7	-11.4	999.9	99.9	99.9	99.9	311.8	320.4	2.8	58.4	999.9	999.9
18	08	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	999.9
19	12	5083.8	550.0	-8.0	-13.7	999.9	99.9	99.9	99.9	314.7	322.1	2.4	63.2	999.9	999.9
20	16	5424.4	525.0	-10.0	-15.0	999.9	99.9	99.9	99.9	316.5	322.3	2.3	66.5	999.9	999.9
21	20	5798.7	500.0	-12.8	-18.1	999.9	99.9	99.9	99.9	317.4	323.3	1.8	66.5	999.9	999.9
22	24	6188.3	475.0	-15.0	-22.3	999.9	99.9	99.9	99.9	319.4	323.3	1.3	64.2	999.9	999.9
23	28	6595.1	450.0	-17.5	-22.3	999.9	99.9	99.9	99.9	319.4	323.3	1.3	64.2	999.9	999.9
24	32	7020.5	425.0	-21.1	-44.3	999.9	99.9	99.9	99.9	321.2	323.1	0.5	52.3	999.9	999.9
25	36	7464.5	400.0	-24.6	-45.8	999.9	99.9	99.9	99.9	322.0	323.5	0.2	25.2	999.9	999.9
26	40	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	12.0	999.9	999.9
27	44	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
28	48	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
29	52	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
30	56	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
31	00	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
32	04	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
33	08	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
34	12	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
35	16	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
36	20	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
37	24	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
38	28	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
39	32	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
40	36	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9

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

ORIGINAL RECORD  
OF POOR QUALITY

STATION NO 2  
HENRIETTA, TEXAS  
2 MAY 1982  
229 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PWT T DG F	MY RTO GM/KG	RH PCT	RH PCT	RYD MM	AZ DG
00	8 1	287 5	986 5	17 2	13 9	0 0	0 0	0 0	0 0	291 5	317 9	16 2	81 0	81 0	0 0	0 0
01	99 0	999 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999 9	999 9
02	9 1	189 2	975 0	18 9	13 1	123 6	-0 7	0 5	0 5	294 2	319 9	9 8	69 0	69 0	0 0	336
03	11 5	811 7	950 0	18 3	10 5	133 6	-2 4	1 6	1 6	295 7	318 2	8 4	60 3	60 3	0 0	313
04	13 8	839 8	925 0	18 7	10 0	133 7	-2 2	2 1	2 1	296 4	317 0	8 4	64 6	64 6	0 0	307
05	16 2	1072 8	900 0	17 5	8 3	141 9	-1 2	1 5	1 5	298 4	317 1	7 7	66 4	66 4	0 0	311
06	18 5	1310 6	875 0	12 8	7 7	154 8	-1 0	2 1	2 1	297 1	317 5	7 6	71 1	71 1	0 0	313
07	21 0	1553 7	850 0	10 7	8 0	183 2	0 2	3 4	3 4	297 1	318 9	8 0	83 1	83 1	0 0	322
08	23 5	1802 4	825 0	9 2	6 3	195 9	1 1	4 0	4 0	298 3	318 2	7 3	82 4	82 4	0 0	324
09	26 0	2056 9	800 0	7 1	4 9	201 9	1 6	3 9	3 9	298 8	317 4	6 8	85 7	85 7	0 0	324
10	28 5	2317 8	775 0	5 3	3 0	204 1	1 8	3 9	3 9	299 5	316 5	6 2	85 3	85 3	0 0	324
11	31 1	2585 4	750 0	4 3	-0 0	198 9	1 5	4 3	4 3	301 2	315 0	4 9	70 4	70 4	0 0	326
12	33 7	2861 3	725 0	3 3	1 5	203 7	1 9	4 4	4 4	303 1	319 7	5 9	87 4	87 4	0 0	326
13	36 4	3145 6	700 0	1 5	0 5	210 4	2 6	4 5	4 5	304 2	320 2	5 7	92 8	92 8	0 0	325
14	39 0	3437 9	675 0	-0 4	-1 6	212 0	2 8	4 5	4 5	305 2	319 7	5 1	91 8	91 8	0 0	325
15	41 7	3740 0	650 0	-1 2	-3 9	218 4	3 1	3 9	3 9	307 6	320 5	4 4	81 7	81 7	0 0	325
16	44 3	4052 3	625 0	-2 9	-6 6	220 9	2 6	3 0	3 0	309 1	320 2	3 8	75 9	75 9	0 0	325
17	47 0	4375 2	600 0	-4 1	-14 1	155 0	-0 4	1 4	1 4	312 0	318 7	2 1	43 7	43 7	0 0	325
18	49 9	4711 2	575 0	-5 0	-18 2	55 0	-1 6	1 1	1 1	314 2	319 2	1 6	34 5	34 5	0 0	325
19	52 8	5059 2	550 0	-7 1	-24 1	39 8	-2 0	0 7	0 7	315 7	319 0	1 0	24 1	24 1	0 0	325
20	55 9	5419 8	525 0	-10 1	-27 0	13 0	-3 1	0 4	0 4	316 3	318 9	0 8	23 5	23 5	0 0	325
21	58 9	5794 5	500 0	-12 1	-40 1	353 8	-3 5	0 4	0 4	319 2	319 5	0 2	23 6	23 6	0 0	325
22	62 0	6184 0	475 0	-15 2	-50 7	344 4	-4 4	0 2	0 2	319 2	319 5	0 1	23 6	23 6	0 0	325
23	65 1	6590 6	450 0	-18 0	-68 3	333 7	-6 0	0 3	0 3	320 8	321 2	0 1	23 6	23 6	0 0	325
24	68 4	7014 9	425 0	-22 0	-88 3	321 2	-8 3	0 1	0 1	322 2	322 4	0 1	23 6	23 6	0 0	325
25	71 7	7457 9	400 0	-25 3	-103 4	313 3	-11 4	0 3	0 3	322 7	322 9	0 1	23 6	23 6	0 0	325
26	75 3	7922 4	375 0	-29 4	-131 1	309 7	-13 1	0 1	0 1	323 1	323 3	0 1	23 6	23 6	0 0	325
27	79 0	8410 1	350 0	-33 9	-155 4	308 6	-13 2	0 6	0 6	323 1	323 3	0 1	23 6	23 6	0 0	325
28	82 7	8924 4	325 0	-38 9	-188 6	302 5	-14 4	0 8	0 8	324 9	323 3	0 0	23 6	23 6	0 0	325
29	86 7	9468 6	300 0	-42 9	-209 9	305 3	-15 3	0 8	0 8	326 7	323 3	0 0	23 6	23 6	0 0	325
30	90 8	10050 0	275 0	-47 4	-239 9	301 2	-16 6	0 8	0 8	328 7	323 3	0 0	23 6	23 6	0 0	325
31	95 2	10674 0	250 0	-52 3	-269 9	297 0	-18 2	0 6	0 6	328 7	323 3	0 0	23 6	23 6	0 0	325
32	99 8	11349 5	225 0	-55 9	-299 9	292 9	-19 8	0 6	0 6	328 8	323 3	0 0	23 6	23 6	0 0	325
33	104 8	12093 9	200 0	-59 6	-329 9	288 1	-17 8	0 6	0 6	328 8	323 3	0 0	23 6	23 6	0 0	325
34	110 2	12918 7	175 0	-64 1	-359 9	288 1	-17 9	0 6	0 6	328 8	323 3	0 0	23 6	23 6	0 0	325
35	116 0	13669 6	150 0	-68 3	-389 9	301 0	-15 6	0 4	0 4	328 8	323 3	0 0	23 6	23 6	0 0	325
36	122 7	14394 0	125 0	-62 8	-419 9	305 5	-12 6	0 0	0 0	328 8	323 3	0 0	23 6	23 6	0 0	325
37	128 3	15094 0	100 0	-64 1	-449 9	299 9	-9 9	0 0	0 0	328 8	323 3	0 0	23 6	23 6	0 0	325
38	133 3	15859 9	75 0	-63 7	-479 9	299 9	-9 9	0 0	0 0	328 8	323 3	0 0	23 6	23 6	0 0	325
39	138 3	16126 1	50 0	-63 7	-509 9	299 9	-9 9	0 0	0 0	328 8	323 3	0 0	23 6	23 6	0 0	325
40	143 3	16126 1	25 0	-63 7	-539 9	299 9	-9 9	0 0	0 0	328 8	323 3	0 0	23 6	23 6	0 0	325
41	148 3	16126 1	0 0	-63 7	-569 9	299 9	-9 9	0 0	0 0	328 8	323 3	0 0	23 6	23 6	0 0	325
42	153 3	16126 1	0 0	-63 7	-599 9	299 9	-9 9	0 0	0 0	328 8	323 3	0 0	23 6	23 6	0 0	325
43	158 3	16126 1	0 0	-63 7	-629 9	299 9	-9 9	0 0	0 0	328 8	323 3	0 0	23 6	23 6	0 0	325
44	163 3	16126 1	0 0	-63 7	-659 9	299 9	-9 9	0 0	0 0	328 8	323 3	0 0	23 6	23 6	0 0	325
45	168 3	16126 1	0 0	-63 7	-689 9	299 9	-9 9	0 0	0 0	328 8	323 3	0 0	23 6	23 6	0 0	325
46	173 3	16126 1	0 0	-63 7	-719 9	299 9	-9 9	0 0	0 0	328 8	323 3	0 0	23 6	23 6	0 0	325
47	178 3	16126 1	0 0	-63 7	-749 9	299 9	-9 9	0 0	0 0	328 8	323 3	0 0	23 6	23 6	0 0	325
48	183 3	16126 1	0 0	-63 7	-779 9	299 9	-9 9	0 0	0 0	328 8	323 3	0 0	23 6	23 6	0 0	325
49	188 3	16126 1	0 0	-63 7	-809 9	299 9	-9 9	0 0	0 0	328 8	323 3	0 0	23 6	23 6	0 0	325
50	193 3	16126 1	0 0	-63 7	-839 9	299 9	-9 9	0 0	0 0	328 8	323 3	0 0	23 6	23 6	0 0	325
51	198 3	16126 1	0 0	-63 7	-869 9	299 9	-9 9	0 0	0 0	328 8	323 3	0 0	23 6	23 6	0 0	325
52	203 3	16126 1	0 0	-63 7	-899 9	299 9	-9 9	0 0	0 0	328 8	323 3	0 0	23 6	23 6	0 0	325
53	208 3	16126 1	0 0	-63 7	-929 9	299 9	-9 9	0 0	0 0	328 8	323 3	0 0	23 6	23 6	0 0	325
54	213 3	16126 1	0 0	-63 7	-959 9	299 9	-9 9	0 0	0 0	328 8	323 3	0 0	23 6	23 6	0 0	325
55	218 3	16126 1	0 0	-63 7	-989 9	299 9	-9 9	0 0	0 0	328 8	323 3	0 0	23 6	23 6	0 0	325
56	223 3	16126 1	0 0	-63 7	-1019 9	299 9	-9 9	0 0	0 0	328 8	323 3	0 0	23 6	23 6	0 0	325
57	228 3	16126 1	0 0	-63 7	-1049 9	299 9	-9 9	0 0	0 0	328 8	323 3	0 0	23 6	23 6	0 0	325
58	233 3	16126 1	0 0	-63 7	-1079 9	299 9	-9 9	0 0	0 0	328 8	323 3	0 0	23 6	23 6	0 0	325
59	238 3	16126 1	0 0	-63 7	-1109 9	299 9	-9 9	0 0	0 0	328 8	323 3	0 0	23 6	23 6	0 0	325
60	243 3	16126 1	0 0	-63 7	-1139 9	299 9	-9 9	0 0	0 0	328 8	323 3	0 0	23 6	23 6	0 0	325

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 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
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ORIGINAL RECORD  
OF POOR QUALITY

STATION NO. 2  
HENRIETTA, TEXAS  
2 MAY 1982  
500 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/MG	RH PCT	RANGE KM	AZ DG
00	79	287.5	987.5	17.2	15.0	00	0.0	0.0	0.0	291.4	319.7	11.0	97.0	0.0	0.0
05	99	396.1	1000.0	18.0	99.9	99.9	99.9	99.9	99.9	293.9	999.9	99.9	999.9	999.9	999.9
11	13	618.4	925.0	18.1	13.7	999.9	99.9	99.9	99.9	295.6	324.0	10.8	88.5	0.4	322
15	16	1079.2	900.0	14.5	11.8	163.5	4.7	-1.3	4.5	296.5	322.4	10.8	84.0	0.6	328
22	20	1316.9	875.0	12.3	10.1	177.5	4.4	-0.2	4.4	296.6	320.5	9.8	86.5	0.8	333
39	20	1559.8	850.0	11.1	7.1	192.4	4.4	0.9	4.2	298.1	318.1	7.5	76.3	1.0	335
46	23	1808.5	825.0	9.0	6.1	208.1	4.2	1.2	3.7	298.5	318.6	7.4	95.0	1.3	346
54	25	2022.9	775.0	6.8	4.4	217.9	4.0	2.0	3.8	299.3	317.9	6.8	95.0	1.5	349
61	28	2322.2	725.0	5.1	2.7	218.0	3.0	3.0	3.9	302.4	330.4	9.1	95.9	1.5	355
69	30	2594.4	725.0	2.7	0.1	223.8	3.4	3.0	3.9	302.4	319.8	6.2	95.9	1.8	360
76	33	2870.8	725.0	0.8	0.1	235.5	4.9	3.4	3.5	303.4	319.9	5.5	95.1	2.0	364
84	35	3154.3	675.0	-1.0	-1.7	239.9	5.9	4.8	3.4	304.5	318.9	5.0	95.1	2.2	369
92	38	3428.1	625.0	-2.0	-3.7	231.0	6.7	5.8	3.3	306.7	319.6	4.5	95.1	2.2	372
100	41	3706.8	575.0	-4.0	-10.4	185.2	5.1	3.9	3.2	307.5	315.8	4.2	95.1	2.7	377
108	43	4057.7	500.0	-4.0	-10.4	185.2	1.9	3.9	3.2	311.5	316.2	1.5	95.1	2.8	382
116	46	4379.4	500.0	-7.1	-27.8	104.1	1.9	-1.8	1.0	313.3	315.6	0.7	95.1	2.9	387
124	49	4714.2	525.0	-5.7	-27.8	104.1	3.1	-2.9	-1.0	315.7	316.3	0.2	95.1	2.8	392
132	52	5001.4	525.0	-7.1	-42.4	70.7	3.8	-2.6	-2.8	318.1	318.1	0.1	95.1	2.7	397
140	55	5321.7	525.0	-10.3	-44.1	43.8	3.3	-1.1	-3.1	317.9	318.9	0.1	95.1	2.4	402
148	58	5796.0	500.0	-12.4	-53.4	19.5	3.7	1.2	-3.7	319.9	320.8	0.1	95.1	2.3	407
156	61	6185.4	475.0	-15.5	-53.8	357.2	5.9	1.5	-5.7	319.9	320.8	0.0	95.1	2.0	412
164	64	6591.2	450.0	-18.6	-53.8	345.0	6.9	2.9	-6.2	320.6	321.3	0.0	95.1	1.5	417
172	68	7014.3	425.0	-22.2	-55.3	335.1	9.4	5.3	-7.8	321.1	322.1	0.0	95.1	1.5	422
180	71	7456.5	400.0	-26.1	-57.7	325.8	9.4	7.5	-8.5	321.9	322.1	0.0	95.1	1.5	427
188	75	7920.0	375.0	-30.4	-59.9	318.6	11.3	9.2	-8.1	322.4	322.6	0.0	95.1	1.5	432
196	78	8306.9	350.0	-34.4	-59.9	311.4	12.2	9.2	-9.5	322.6	322.6	0.0	95.1	2.1	437
204	81	8696.7	325.0	-38.2	-59.9	313.7	13.6	10.0	-9.5	322.6	322.6	0.0	95.1	2.8	442
212	83	9097.7	300.0	-43.0	-59.9	317.7	13.6	10.0	-9.5	322.6	322.6	0.0	95.1	3.0	447
220	86	9494.3	300.0	-47.6	-59.9	309.0	12.9	10.1	-9.5	326.2	326.2	0.0	95.1	3.0	452
228	91	10045.0	275.0	-51.5	-59.9	310.6	12.2	9.2	-7.9	329.6	329.6	0.0	95.1	5.0	457
236	95	10509.1	250.0	-55.6	-59.9	300.3	13.5	11.7	-7.9	333.3	333.3	0.0	95.1	6.1	462
244	101	11346.2	225.0	-60.6	-59.9	999.9	99.9	99.9	-8.8	336.9	336.9	0.0	95.1	7.3	467
252	106	12088.4	200.0	-60.6	-59.9	999.9	99.9	99.9	-9.9	99.9	99.9	0.0	95.1	9.9	472
260	99	99.9	175.0	-60.6	-59.9	999.9	99.9	99.9	99.9	99.9	99.9	0.0	95.1	9.9	477
268	99	99.9	150.0	-60.6	-59.9	999.9	99.9	99.9	99.9	99.9	99.9	0.0	95.1	9.9	482
276	99	99.9	125.0	-60.6	-59.9	999.9	99.9	99.9	99.9	99.9	99.9	0.0	95.1	9.9	487
284	99	99.9	100.0	-60.6	-59.9	999.9	99.9	99.9	99.9	99.9	99.9	0.0	95.1	9.9	492
292	99	99.9	75.0	-60.6	-59.9	999.9	99.9	99.9	99.9	99.9	99.9	0.0	95.1	9.9	497
300	99	99.9	50.0	-60.6	-59.9	999.9	99.9	99.9	99.9	99.9	99.9	0.0	95.1	9.9	502
308	99	99.9	25.0	-60.6	-59.9	999.9	99.9	99.9	99.9	99.9	99.9	0.0	95.1	9.9	507

\* BY SPEED MEANS ELEVATION 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  
OF POOR QUALITY

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POI T DG K	E POT DG M	MX HTD GM/MC	RH PCT	RANGE KM	A7 DG
00	0	211	998	20	16	0	0	0	0	283	323	11	79	0	0
01	9	99	1000	99	99	0	99	99	99	292	357	99	399	3	99
02	7	411	972	17	13	0	27	0	2	282	317	99	77	0	99
03	1	633	950	15	13	6	25	0	2	282	320	10	92	0	354
04	1	859	925	13	12	4	18	0	1	292	318	10	92	0	350
05	3	1090	900	12	12	4	17	0	1	294	321	10	91	0	356
06	3	1327	875	11	10	3	17	0	1	295	320	10	91	0	356
07	4	1570	850	11	5	5	17	0	2	297	316	10	88	0	321
08	6	1819	825	9	4	9	17	0	3	298	316	10	82	0	321
09	6	2073	800	7	3	1	17	0	3	298	315	10	75	0	335
10	7	2334	775	5	2	8	17	0	4	299	315	10	83	0	329
11	8	2602	750	3	2	0	17	0	4	300	316	10	89	0	42
12	8	2877	725	2	0	6	17	0	4	301	317	10	94	0	44
13	8	3160	700	0	0	6	17	0	3	303	319	10	99	0	44
14	7	3451	675	0	0	3	17	0	2	304	320	10	99	0	44
15	7	3753	650	0	0	3	17	0	2	306	320	10	99	0	44
16	4	4064	625	0	0	2	17	0	2	308	321	10	99	0	44
17	2	4719	600	0	0	1	15	0	1	309	321	10	95	0	44
18	0	5064	575	0	0	1	15	0	0	311	322	10	92	0	44
19	3	5423	550	0	0	1	15	0	0	313	323	10	88	0	51
20	9	5797	525	0	0	1	15	0	0	315	323	10	88	0	51
21	9	6185	500	0	0	1	15	0	0	317	323	10	86	0	51
22	2	6590	475	0	0	1	15	0	0	319	324	10	86	0	51
23	6	7014	450	0	0	1	15	0	0	321	325	10	80	0	51
24	1	7423	425	0	0	1	15	0	0	322	325	10	86	0	59
25	1	7923	400	0	0	1	15	0	0	323	325	10	86	0	59
26	1	8413	375	0	0	1	15	0	0	325	325	10	86	0	59
27	7	8932	350	0	0	1	15	0	0	326	326	10	86	0	59
28	1	9481	325	0	0	1	15	0	0	327	327	10	86	0	59
29	5	10050	300	0	0	1	15	0	0	327	327	10	86	0	59
30	2	10650	275	0	0	1	15	0	0	329	329	10	86	0	59
31	3	10991	250	0	0	1	15	0	0	331	331	10	86	0	59
32	6	11366	225	0	0	1	15	0	0	334	334	10	86	0	59
33	4	11800	200	0	0	1	15	0	0	334	334	10	86	0	59
34	4	12103	175	0	0	1	15	0	0	334	334	10	86	0	59
35	9	12520	150	0	0	1	15	0	0	334	334	10	86	0	59
36	7	13874	125	0	0	1	15	0	0	334	334	10	86	0	59
37	4	15007	100	0	0	1	15	0	0	334	334	10	86	0	59
38	2	16389	75	0	0	1	15	0	0	334	334	10	86	0	59
39	5	18160	50	0	0	1	15	0	0	334	334	10	86	0	59
40	8	20699	25	0	0	1	15	0	0	334	334	10	86	0	59
41	7	25106	0	0	0	1	15	0	0	334	334	10	86	0	59

\* 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

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	7 2	211 0	987 3	22 1	15 7	120 0	1 3	-1 1	0 8	295 5	325 2	11 3	67 0	0 0	0 0
0 0	9 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 0	9 2	406 2	9 0	16 2	14 0	99 9	99 9	99 9	99 9	293 5	320 6	10 5	76 1	99 9	99 9
2 0	11 6	828 3	950 0	15 8	13 7	99 9	99 9	99 9	99 9	293 3	320 6	10 5	76 1	99 9	99 9
3 0	14 0	854 8	925 0	14 4	13 6	266 0	0 7	0 0	0 0	294 1	322 1	10 7	84 9	0 2	323
4 0	16 0	1086 8	900 0	13 0	11 6	260 4	1 4	0 0	0 0	295 0	320 4	9 6	91 1	0 2	330
5 0	18 0	1323 7	875 0	12 9	11 7	241 5	3 3	1 8	1 8	297 2	316 8	7 3	87 8	0 3	357
5 8	21 3	1567 1	850 0	11 3	5 5	252 1	5 1	1 7	1 7	298 0	318 3	6 7	87 3	0 4	29
6 8	23 9	1815 9	825 0	9 6	4 2	240 2	4 3	2 5	2 5	299 0	315 9	6 3	89 0	0 7	48
7 9	26 4	2071 0	800 0	8 0	2 1	234 0	5 8	4 7	3 4	300 0	315 1	5 7	88 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 9	313 6	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	68 2	1 9	55
10 8	34 1	2874 9	725 0	2 2	-2 9	248 8	7 4	8 0	2 9	301 9	320 1	4 3	68 8	2 4	58
12 0	36 4	3158 1	700 0	0 7	-0 3	243 1	5 7	5 1	2 6	303 0	319 1	5 3	97 1	3 2	60
13 2	38 6	3450 3	675 0	-0 6	-2 7	267 1	4 6	4 6	0 2	305 3	320 2	4 8	97 9	3 8	59
14 3	42 2	3751 4	650 0	-2 4	-2 7	267 1	2 9	2 9	0 2	306 3	319 3	3 7	97 8	3 4	62
15 5	47 9	4062 4	625 0	-3 7	-6 6	280 5	3 9	3 5	-1 6	308 6	318 0	2 8	82 3	3 7	65
17 7	50 8	4716 9	600 0	-5 7	-10 7	284 8	4 9	4 9	-2 4	310 8	320 0	3 0	82 3	3 9	69
19 0	53 7	5061 8	575 0	-7 8	-10 3	292 5	6 3	5 8	-2 4	313 2	321 6	2 6	74 8	4 2	74
20 3	56 7	5420 7	525 0	-9 2	-12 9	292 5	6 3	5 8	-2 1	315 1	321 6	2 1	68 3	4 6	77
21 6	59 8	5794 2	500 0	-11 1	-16 1	289 2	6 8	6 8	-2 1	318 0	321 9	1 7	63 3	5 1	80
23 1	62 9	6182 3	475 0	-13 6	-19 0	278 8	7 1	7 0	-0 7	318 0	322 8	1 5	65 3	5 7	81
24 5	66 4	6587 4	450 0	-16 2	-21 1	293 7	6 2	5 7	-2 5	319 4	322 8	1 0	55 4	6 2	83
26 1	69 4	7011 0	425 0	-19 0	-23 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	-21 6	-26 8	302 2	4 4	3 4	-2 1	321 7	324 1	0 7	59 1	7 1	88
29 3	76 3	7918 5	375 0	-25 6	-31 2	293 2	3 4	3 1	-1 3	323 4	325 0	0 5	51 0	7 7	90
31 1	80 0	8408 5	350 0	-28 9	-35 8	285 6	3 3	3 7	-1 0	325 1	326 3	0 3	45 6	7 7	90
32 9	83 8	8927 4	325 0	-32 4	-40 1	285 6	3 3	4 9	-1 4	325 1	326 3	0 1	29 8	8 1	91
34 8	87 6	9476 1	300 0	-36 7	-47 9	288 7	5 1	6 7	-1 4	326 4	326 6	9 9	99 9	8 8	92
36 8	91 9	10058 8	275 0	-41 8	-57 0	282 0	6 8	6 2	-1 0	326 4	326 6	9 9	99 9	8 9	92
38 8	96 3	10883 8	250 0	-46 9	-66 0	282 0	8 5	8 2	2 1	328 5	326 6	9 9	99 9	9 7	93
39 1	101 6	11357 6	225 0	-52 3	-76 0	282 0	11 5	11 2	2 4	328 5	326 6	9 9	99 9	1 1	94
41 6	106 0	12094 2	200 0	-57 3	-85 0	282 0	15 0	14 4	3 5	330 7	326 6	9 9	99 9	1 3	96
44 0	111 3	12814 8	175 0	-62 5	-95 9	298 2	16 1	14 4	-2 2	333 9	326 6	9 9	99 9	1 5	97
46 8	116 0	13670 5	150 0	-67 6	-107 0	293 6	16 4	15 0	-0 9	345 4	326 6	9 9	99 9	1 7	97
50 1	123 7	15002 7	125 0	-80 6	-128 4	288 4	17 5	16 7	-6 6	385 6	326 6	9 9	99 9	2 0	103
54 7	131 0	16384 4	100 0	-81 6	-138 3	288 4	13 8	13 2	-4 9	406 7	326 6	9 9	99 9	2 2	104
58 7	137 0	18158 2	75 0	-85 3	-150 0	266 4	7 5	7 3	-3 9	440 8	326 6	9 9	99 9	2 3	104
64 5	143 0	20685 8	50 0	-90 3	-163 0	266 4	2 4	2 3	-0 6	501 5	326 6	9 9	99 9	2 4	104
72 7	150 0	25097 1	25 0	-95 5	-177 9	107 9	0 0	0 0	0 0	636 6	326 6	9 9	99 9	2 4	105

\* 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 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PRINT IS  
OF POOR QUALITY

STATION NO 3  
DURANT, OKLAHOMA  
1 MAY 1982  
2301 GMT

TIME MIN	GMTCT	HEIGHT GPM	PRES MB	TEMP UG C	DEW PT DG C	DIR DG	SPEED M/SEC	W COMP M/SEC	Y COMP M/SEC	POT T DG K	C FCT T DG K	M A R T O GM/KG	RH PCT	RANGE MM	AZ DC
00	00	211	994	22	12	0	0	0	0	295	319	9	54	0	0
00	00	99	1000	99	99	99	99	99	99	333	999	9	999	99	99
00	00	344	975	16	2	0	0	0	0	293	999	9	999	0	0
01	03	606	950	17	0	0	0	0	0	284	999	9	999	0	0
02	06	821	925	14	0	0	0	0	0	294	999	9	999	0	0
03	10	1061	895	12	0	0	0	0	0	294	999	9	999	0	0
04	16	1296	875	11	0	0	0	0	0	295	999	9	999	0	0
05	21	1537	850	9	0	0	0	0	0	297	999	9	999	0	0
06	26	1784	825	8	0	0	0	0	0	299	999	9	999	0	0
07	28	2039	800	5	0	0	0	0	0	300	999	9	999	0	0
08	31	2288	775	4	0	0	0	0	0	301	999	9	999	0	0
09	34	2543	750	3	0	0	0	0	0	302	999	9	999	0	0
10	37	2803	725	2	0	0	0	0	0	303	999	9	999	0	0
11	40	3068	700	0	0	0	0	0	0	304	999	9	999	0	0
12	43	3338	675	0	0	0	0	0	0	305	999	9	999	0	0
13	46	3613	650	0	0	0	0	0	0	306	999	9	999	0	0
14	49	3893	625	0	0	0	0	0	0	307	999	9	999	0	0
15	52	4178	600	0	0	0	0	0	0	308	999	9	999	0	0
16	55	4468	575	0	0	0	0	0	0	309	999	9	999	0	0
17	58	4763	550	0	0	0	0	0	0	310	999	9	999	0	0
18	01	5063	525	0	0	0	0	0	0	311	999	9	999	0	0
19	04	5368	500	0	0	0	0	0	0	312	999	9	999	0	0
20	07	5678	475	0	0	0	0	0	0	313	999	9	999	0	0
21	10	5993	450	0	0	0	0	0	0	314	999	9	999	0	0
22	13	6313	425	0	0	0	0	0	0	315	999	9	999	0	0
23	16	6638	400	0	0	0	0	0	0	316	999	9	999	0	0
24	19	6968	375	0	0	0	0	0	0	317	999	9	999	0	0
25	22	7303	350	0	0	0	0	0	0	318	999	9	999	0	0
26	25	7643	325	0	0	0	0	0	0	319	999	9	999	0	0
27	28	7988	300	0	0	0	0	0	0	320	999	9	999	0	0
28	31	8338	275	0	0	0	0	0	0	321	999	9	999	0	0
29	34	8693	250	0	0	0	0	0	0	322	999	9	999	0	0
30	37	9053	225	0	0	0	0	0	0	323	999	9	999	0	0
31	40	9418	200	0	0	0	0	0	0	324	999	9	999	0	0
32	43	9788	175	0	0	0	0	0	0	325	999	9	999	0	0
33	46	10163	150	0	0	0	0	0	0	326	999	9	999	0	0
34	49	10543	125	0	0	0	0	0	0	327	999	9	999	0	0
35	52	10928	100	0	0	0	0	0	0	328	999	9	999	0	0
36	55	11318	75	0	0	0	0	0	0	329	999	9	999	0	0
37	58	11713	50	0	0	0	0	0	0	330	999	9	999	0	0
38	01	12113	25	0	0	0	0	0	0	331	999	9	999	0	0
39	04	12518	0	0	0	0	0	0	0	332	999	9	999	0	0
40	07	12928	0	0	0	0	0	0	0	333	999	9	999	0	0
41	10	13343	0	0	0	0	0	0	0	334	999	9	999	0	0
42	13	13763	0	0	0	0	0	0	0	335	999	9	999	0	0
43	16	14188	0	0	0	0	0	0	0	336	999	9	999	0	0
44	19	14618	0	0	0	0	0	0	0	337	999	9	999	0	0
45	22	15053	0	0	0	0	0	0	0	338	999	9	999	0	0
46	25	15493	0	0	0	0	0	0	0	339	999	9	999	0	0
47	28	15938	0	0	0	0	0	0	0	340	999	9	999	0	0
48	31	16388	0	0	0	0	0	0	0	341	999	9	999	0	0
49	34	16843	0	0	0	0	0	0	0	342	999	9	999	0	0
50	37	17303	0	0	0	0	0	0	0	343	999	9	999	0	0
51	40	17768	0	0	0	0	0	0	0	344	999	9	999	0	0
52	43	18238	0	0	0	0	0	0	0	345	999	9	999	0	0
53	46	18713	0	0	0	0	0	0	0	346	999	9	999	0	0
54	49	19193	0	0	0	0	0	0	0	347	999	9	999	0	0
55	52	19678	0	0	0	0	0	0	0	348	999	9	999	0	0
56	55	20168	0	0	0	0	0	0	0	349	999	9	999	0	0
57	58	20663	0	0	0	0	0	0	0	350	999	9	999	0	0
58	01	21163	0	0	0	0	0	0	0	351	999	9	999	0	0
59	04	21668	0	0	0	0	0	0	0	352	999	9	999	0	0
60	07	22178	0	0	0	0	0	0	0	353	999	9	999	0	0

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

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 4  
THROCKMORTON, TEXAS

1 MAY 1137 GMT 1962

TIME MIN	CMTC	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MI RTG GM/KG	RH PCT	RANGE KM	AZ DG
00	0	404.0	974.6	13.0	13.0	99.9	99.9	99.9	99.9	288.3	313.2	9.7	100.0	999.9	999.9
00	00	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	00	99.0	975.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	11	619.0	950.0	11.0	11.1	99.0	99.0	99.0	99.0	289.0	111.0	8.8	99.0	999.9	999.9
00	14	843.0	825.0	11.0	99.0	99.0	99.0	99.0	99.0	291.5	99.0	99.0	99.0	999.9	999.9
00	17	1071.0	800.0	8.1	99.0	99.0	99.0	99.0	99.0	290.9	99.0	99.0	99.0	999.9	999.9
00	18	99.0	875.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	19	99.0	850.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	20	99.0	825.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	21	99.0	800.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	22	99.0	775.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	23	99.0	750.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	24	99.0	725.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	25	99.0	700.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	26	99.0	675.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	27	99.0	650.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	28	99.0	625.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	29	99.0	600.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	30	99.0	575.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	31	99.0	550.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	32	99.0	525.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	33	99.0	500.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	34	99.0	475.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	35	99.0	450.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	36	99.0	425.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	37	99.0	400.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	38	99.0	375.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	39	99.0	350.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	40	99.0	325.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	41	99.0	300.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	42	99.0	275.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	43	99.0	250.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	44	99.0	225.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	45	99.0	200.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	46	99.0	175.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	47	99.0	150.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	48	99.0	125.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	49	99.0	100.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	50	99.0	75.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	51	99.0	50.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	52	99.0	25.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00	53	99.0	0.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9

\* 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 8 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL  
OF RECORD ONLY

STATION AC 4  
THROCKMORTON TEXAS  
1 MAY 1962  
1419 GMT

TIME MIN	CMCT	HEIGHT GPM	PRES MB	TEMP DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POI T DG K	E PCT T DG K	WIND KMH	RH PCY	RANGE KM	DC
00	0	404.8	875.6	15.2	45.0	0.0	0.0	0.0	290.4	315.9	0.0	88.0	0.0	0
01	0	410.0	875.0	14.7	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
02	0	420.5	875.0	14.0	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
03	0	431.7	875.0	13.5	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
04	0	442.9	875.0	13.0	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
05	0	454.1	875.0	12.5	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
06	0	465.3	875.0	12.0	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
07	0	476.5	875.0	11.5	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
08	0	487.7	875.0	11.0	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
09	0	498.9	875.0	10.5	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
10	0	510.1	875.0	10.0	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
11	0	521.3	875.0	9.5	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
12	0	532.5	875.0	9.0	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
13	0	543.7	875.0	8.5	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
14	0	554.9	875.0	8.0	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
15	0	566.1	875.0	7.5	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
16	0	577.3	875.0	7.0	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
17	0	588.5	875.0	6.5	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
18	0	599.7	875.0	6.0	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
19	0	610.9	875.0	5.5	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
20	0	622.1	875.0	5.0	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
21	0	633.3	875.0	4.5	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
22	0	644.5	875.0	4.0	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
23	0	655.7	875.0	3.5	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
24	0	666.9	875.0	3.0	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
25	0	678.1	875.0	2.5	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
26	0	689.3	875.0	2.0	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
27	0	700.5	875.0	1.5	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
28	0	711.7	875.0	1.0	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
29	0	722.9	875.0	0.5	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
30	0	734.1	875.0	0.0	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
31	0	745.3	875.0	-0.5	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
32	0	756.5	875.0	-1.0	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
33	0	767.7	875.0	-1.5	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
34	0	778.9	875.0	-2.0	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
35	0	790.1	875.0	-2.5	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
36	0	801.3	875.0	-3.0	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
37	0	812.5	875.0	-3.5	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
38	0	823.7	875.0	-4.0	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
39	0	834.9	875.0	-4.5	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
40	0	846.1	875.0	-5.0	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
41	0	857.3	875.0	-5.5	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
42	0	868.5	875.0	-6.0	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
43	0	879.7	875.0	-6.5	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
44	0	890.9	875.0	-7.0	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
45	0	902.1	875.0	-7.5	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
46	0	913.3	875.0	-8.0	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
47	0	924.5	875.0	-8.5	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
48	0	935.7	875.0	-9.0	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
49	0	946.9	875.0	-9.5	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
50	0	958.1	875.0	-10.0	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
51	0	969.3	875.0	-10.5	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
52	0	980.5	875.0	-11.0	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
53	0	991.7	875.0	-11.5	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
54	0	1002.9	875.0	-12.0	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
55	0	1014.1	875.0	-12.5	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
56	0	1025.3	875.0	-13.0	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
57	0	1036.5	875.0	-13.5	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
58	0	1047.7	875.0	-14.0	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
59	0	1058.9	875.0	-14.5	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0
60	0	1070.1	875.0	-15.0	45.4	0.0	0.0	0.0	290.0	315.9	0.0	88.0	0.0	0

\* 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. 4  
THROCKMORTON, TEXAS  
1 MAY 1982  
1733 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MJ RTG GM/KG	RH PCT	RANGE KM	AZ DG
00	99	404	976	22	17	60	1	-0	-0	297	331	12	75	0	0
01	99	419	1000	21	16	59	9	99	99	299	331	9	99	9	99
02	99	430	975	21	16	59	9	99	99	299	331	9	99	9	99
03	11	640	950	14	13	59	9	99	99	299	331	9	99	9	99
04	18	805	925	13	12	59	9	99	99	299	331	9	99	9	99
05	14	1086	900	13	12	59	9	99	99	299	331	9	99	9	99
06	18	1337	875	12	11	59	9	99	99	299	331	9	99	9	99
07	18	1578	850	10	10	59	9	99	99	299	331	9	99	9	99
08	21	1824	825	8	8	59	9	99	99	299	331	9	99	9	99
09	23	2078	800	7	7	59	9	99	99	299	331	9	99	9	99
10	27	2340	775	5	5	59	9	99	99	299	331	9	99	9	99
11	31	2604	750	4	4	59	9	99	99	299	331	9	99	9	99
12	37	2868	725	2	2	59	9	99	99	299	331	9	99	9	99
13	41	3132	700	0	0	59	9	99	99	299	331	9	99	9	99
14	47	3396	675	-0	-1	59	9	99	99	299	331	9	99	9	99
15	53	3660	650	-1	-2	59	9	99	99	299	331	9	99	9	99
16	59	3924	625	-3	-4	59	9	99	99	299	331	9	99	9	99
17	05	4188	600	-5	-6	59	9	99	99	299	331	9	99	9	99
18	11	4452	575	-8	-9	59	9	99	99	299	331	9	99	9	99
19	17	4716	550	-11	-12	59	9	99	99	299	331	9	99	9	99
20	23	4980	525	-14	-15	59	9	99	99	299	331	9	99	9	99
21	29	5244	500	-17	-18	59	9	99	99	299	331	9	99	9	99
22	35	5508	475	-20	-21	59	9	99	99	299	331	9	99	9	99
23	41	5772	450	-23	-24	59	9	99	99	299	331	9	99	9	99
24	47	6036	425	-26	-27	59	9	99	99	299	331	9	99	9	99
25	53	6300	400	-29	-30	59	9	99	99	299	331	9	99	9	99
26	59	6564	375	-32	-33	59	9	99	99	299	331	9	99	9	99
27	05	6828	350	-35	-36	59	9	99	99	299	331	9	99	9	99
28	11	7092	325	-38	-39	59	9	99	99	299	331	9	99	9	99
29	17	7356	300	-41	-42	59	9	99	99	299	331	9	99	9	99
30	23	7620	275	-44	-45	59	9	99	99	299	331	9	99	9	99
31	29	7884	250	-47	-48	59	9	99	99	299	331	9	99	9	99
32	35	8148	225	-50	-51	59	9	99	99	299	331	9	99	9	99
33	41	8412	200	-53	-54	59	9	99	99	299	331	9	99	9	99
34	47	8676	175	-56	-57	59	9	99	99	299	331	9	99	9	99
35	53	8940	150	-59	-60	59	9	99	99	299	331	9	99	9	99
36	59	9204	125	-62	-63	59	9	99	99	299	331	9	99	9	99
37	05	9468	100	-65	-66	59	9	99	99	299	331	9	99	9	99
38	11	9732	75	-68	-69	59	9	99	99	299	331	9	99	9	99
39	17	9996	50	-71	-72	59	9	99	99	299	331	9	99	9	99
40	23	10260	25	-74	-75	59	9	99	99	299	331	9	99	9	99
41	29	10524	0	-77	-78	59	9	99	99	299	331	9	99	9	99
42	35	10788		-80	-81	59	9	99	99	299	331	9	99	9	99
43	41	11052		-83	-84	59	9	99	99	299	331	9	99	9	99
44	47	11316		-86	-87	59	9	99	99	299	331	9	99	9	99
45	53	11580		-89	-90	59	9	99	99	299	331	9	99	9	99
46	59	11844		-92	-93	59	9	99	99	299	331	9	99	9	99
47	05	12108		-95	-96	59	9	99	99	299	331	9	99	9	99
48	11	12372		-98	-99	59	9	99	99	299	331	9	99	9	99
49	17	12636		-101	-102	59	9	99	99	299	331	9	99	9	99
50	23	12900		-104	-105	59	9	99	99	299	331	9	99	9	99
51	29	13164		-107	-108	59	9	99	99	299	331	9	99	9	99
52	35	13428		-110	-111	59	9	99	99	299	331	9	99	9	99
53	41	13692		-113	-114	59	9	99	99	299	331	9	99	9	99
54	47	13956		-116	-117	59	9	99	99	299	331	9	99	9	99
55	53	14220		-119	-120	59	9	99	99	299	331	9	99	9	99
56	59	14484		-122	-123	59	9	99	99	299	331	9	99	9	99
57	05	14748		-125	-126	59	9	99	99	299	331	9	99	9	99
58	11	15012		-128	-129	59	9	99	99	299	331	9	99	9	99
59	17	15276		-131	-132	59	9	99	99	299	331	9	99	9	99
60	23	15540		-134	-135	59	9	99	99	299	331	9	99	9	99

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

ORIGINAL COPY  
OF [unclear]

STATION NO. 4  
THROCKMORTON, TEXAS  
1 MAY 1982  
2001 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 RTD GM/KG	RH PCT	RANGE KM	AZ DG
00	9	404.8	974.6	23.2	15.3	00	0.0	0.0	0.0	298.5	328.6	11.3	61.0	0.0	0.0
01	99	99.9	1000.0	99.9	99.9	99	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
02	99	99.9	975.0	99.9	99.9	99	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
03	11	223.9	950.0	16.5	13.1	99	99.9	99.9	99.9	293.8	320.3	10.0	80.4	999.9	999.9
04	14	850.8	925.0	14.1	11.8	99	99.9	99.9	99.9	293.8	318.6	9.4	85.7	999.9	999.9
05	16	1082.0	900.0	12.6	11.0	99	99.9	99.9	99.9	294.5	318.9	9.2	90.0	999.9	999.9
06	18	1318.5	875.0	10.9	9.9	99	99.9	99.9	99.9	295.1	318.5	8.8	93.8	999.9	999.9
07	21	1560.5	850.0	9.8	8.5	99	99.9	99.9	99.9	296.4	318.6	8.3	92.0	999.9	999.9
08	23	1808.4	825.0	8.3	7.1	99	99.9	99.9	99.9	297.4	316.6	7.1	84.9	999.9	999.9
09	26	2061.8	800.0	7.1	5.9	99	99.9	99.9	99.9	298.7	999.9	99.9	999.9	999.9	999.9
10	28	2321.8	775.0	5.8	4.3	99	99.9	99.9	99.9	300.1	999.9	99.9	999.9	999.9	999.9
11	31	2589.2	750.0	4.3	2.9	99	99.9	99.9	99.9	301.3	999.9	99.9	999.9	999.9	999.9
12	34	99.9	725.0	99.9	99.9	99	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
13	36	99.9	700.0	99.9	99.9	99	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
14	39	99.9	675.0	99.9	99.9	99	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
15	42	99.9	650.0	99.9	99.9	99	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
16	44	99.9	625.0	99.9	99.9	99	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
17	47	99.9	600.0	-3.7	-10.7	99	99.9	99.9	99.9	311.8	999.9	2.8	58.0	999.9	999.9
18	50	99.9	575.0	-8.3	-10.7	99	99.9	99.9	99.9	312.6	999.9	2.2	58.2	999.9	999.9
19	53	99.9	550.0	-10.1	-15.0	99	99.9	99.9	99.9	314.3	321.1	1.9	57.4	999.9	999.9
20	56	99.9	525.0	-12.7	-16.6	99	99.9	99.9	99.9	316.3	322.4	1.6	55.9	999.9	999.9
21	59	99.9	500.0	-15.0	-18.6	99	99.9	99.9	99.9	317.6	322.8	1.1	42.8	999.9	999.9
22	62	99.9	475.0	-17.9	-20.5	99	99.9	99.9	99.9	319.4	323.0	0.8	38.8	999.9	999.9
23	65	99.9	450.0	-20.8	-22.3	99	99.9	99.9	99.9	320.5	323.5	0.6	34.1	999.9	999.9
24	68	99.9	425.0	-24.2	-24.8	99	99.9	99.9	99.9	322.5	324.6	0.2	15.8	999.9	999.9
25	71	99.9	400.0	-28.2	-28.6	99	99.9	99.9	99.9	323.5	324.3	0.1	14.8	999.9	999.9
26	74	99.9	375.0	-31.6	-31.6	99	99.9	99.9	99.9	324.3	324.6	0.1	12.4	999.9	999.9
27	77	99.9	350.0	-35.0	-35.0	99	99.9	99.9	99.9	325.3	325.5	0.1	11.5	999.9	999.9
28	80	99.9	325.0	-40.5	-34.6	99	99.9	99.9	99.9	326.3	326.5	0.1	11.4	999.9	999.9
29	83	99.9	300.0	-45.4	-39.9	99	99.9	99.9	99.9	327.3	327.5	0.1	12.4	999.9	999.9
30	86	99.9	275.0	-50.8	-45.4	99	99.9	99.9	99.9	328.3	328.5	0.1	99.9	999.9	999.9
31	89	99.9	250.0	-56.4	-50.8	99	99.9	99.9	99.9	329.3	329.5	0.1	99.9	999.9	999.9
32	92	99.9	225.0	-60.0	-56.4	99	99.9	99.9	99.9	330.6	330.6	0.1	99.9	999.9	999.9
33	95	99.9	200.0	-69.9	-60.0	99	99.9	99.9	99.9	332.1	332.1	0.1	99.9	999.9	999.9
34	98	99.9	175.0	-99.9	-99.9	99	99.9	99.9	99.9	333.8	333.8	0.1	99.9	999.9	999.9
35	101	99.9	150.0	-99.9	-99.9	99	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
36	104	99.9	125.0	-99.9	-99.9	99	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
37	107	99.9	100.0	-99.9	-99.9	99	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
38	110	99.9	75.0	-99.9	-99.9	99	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
39	113	99.9	50.0	-99.9	-99.9	99	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
40	116	99.9	25.0	-99.9	-99.9	99	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
41	119	99.9	0.0	-99.9	-99.9	99	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

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

STATION NO. 4  
THROCKMORTON, TEXAS

1 MAY 1982  
2300 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MK RTO GM/KG	RH PCT	RANGE KM	AZ DG
00	0														
00	9	404.8	972.2	29.4	24.9	00.9	00.0	00.0	00.0	305.0	360.9	20.9	77.0	00.0	00.0
00	9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00	9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00	6	11.7	950.0	17.6	12.4	99.9	99.9	99.9	99.9	295.0	320.4	99.9	71.9	99.9	99.9
01	4	832.2	925.0	15.2	99.9	99.9	99.9	99.9	99.9	294.0	320.9	99.9	99.9	99.9	99.9
02	3	16.5	900.0	13.3	99.9	99.9	99.9	99.9	99.9	295.2	320.9	99.9	99.9	99.9	99.9
03	3	1083.2	875.0	11.4	99.9	99.9	99.9	99.9	99.9	295.6	320.9	99.9	99.9	99.9	99.9
04	4	1298.7	850.0	10.1	99.9	99.9	99.9	99.9	99.9	298.8	318.8	8.2	89.2	99.9	99.9
05	4	1540.1	825.0	7.8	99.9	99.9	99.9	99.9	99.9	298.8	319.8	7.7	99.9	99.9	99.9
06	4	2041.6	800.0	7.2	6.6	99.9	99.9	99.9	99.9	298.9	319.8	7.2	95.2	99.9	99.9
07	5	2302.8	775.0	5.9	3.3	99.9	99.9	99.9	99.9	300.1	320.0	6.5	96.2	99.9	99.9
08	4	2571.2	750.0	4.4	3.4	99.9	99.9	99.9	99.9	301.3	319.4	6.5	93.4	99.9	99.9
09	5	31.4	725.0	2.7	1.2	99.9	99.9	99.9	99.9	302.4	318.6	5.8	93.4	99.9	99.9
10	8	2846.9	700.0	1.5	-0.5	99.9	99.9	99.9	99.9	304.2	319.3	5.3	87.1	99.9	99.9
11	9	3130.7	675.0	0.5	-2.5	99.9	99.9	99.9	99.9	306.2	319.3	4.4	74.1	99.9	99.9
12	9	3423.6	650.0	0.3	-5.2	99.9	99.9	99.9	99.9	307.5	319.2	4.0	75.0	99.9	99.9
13	0	3728.0	625.0	-1.3	-6.7	99.9	99.9	99.9	99.9	309.5	320.5	3.7	73.3	99.9	99.9
14	0	4038.4	600.0	-2.0	-11.1	99.9	99.9	99.9	99.9	311.5	319.9	2.7	57.5	99.9	99.9
15	3	4361.8	575.0	-4.0	-9.9	99.9	99.9	99.9	99.9	312.5	319.9	2.1	55.1	99.9	99.9
16	7	4896.1	550.0	-7.9	-15.3	99.9	99.9	99.9	99.9	314.7	322.9	1.9	52.5	99.9	99.9
17	9	5403.8	525.0	-9.5	-17.4	99.9	99.9	99.9	99.9	317.0	322.8	1.2	40.0	99.9	99.9
18	9	5778.9	500.0	-11.9	-22.7	99.9	99.9	99.9	99.9	318.6	323.0	0.8	31.9	99.9	99.9
20	2	6170.0	475.0	-14.4	-27.4	99.9	99.9	99.9	99.9	321.3	323.9	0.8	36.3	99.9	99.9
23	5	6577.7	450.0	-17.5	-38.5	99.9	99.9	99.9	99.9	322.9	323.5	0.3	36.3	99.9	99.9
25	0	7002.9	425.0	-20.8	-40.0	99.9	99.9	99.9	99.9	322.9	323.5	0.3	36.3	99.9	99.9
26	7	7447.7	400.0	-24.7	-45.9	99.9	99.9	99.9	99.9	322.9	324.0	0.2	36.3	99.9	99.9
28	3	7914.3	375.0	-28.2	-48.9	99.9	99.9	99.9	99.9	324.0	326.0	0.1	36.3	99.9	99.9
30	1	8405.4	350.0	-32.1	-50.0	99.9	99.9	99.9	99.9	325.5	326.0	0.1	36.3	99.9	99.9
32	0	8923.7	325.0	-36.8	-50.0	99.9	99.9	99.9	99.9	325.5	326.0	0.1	36.3	99.9	99.9
34	0	9473.1	300.0	-40.8	-50.0	99.9	99.9	99.9	99.9	327.8	326.0	0.1	36.3	99.9	99.9
36	3	10058.7	275.0	-46.0	-50.0	99.9	99.9	99.9	99.9	327.8	326.0	0.1	36.3	99.9	99.9
38	4	10684.1	250.0	-51.6	-50.0	99.9	99.9	99.9	99.9	328.6	326.0	0.1	36.3	99.9	99.9
40	9	11383.1	225.0	-55.0	-50.0	99.9	99.9	99.9	99.9	329.3	326.0	0.1	36.3	99.9	99.9
43	4	12107.9	200.0	-59.5	-50.0	99.9	99.9	99.9	99.9	334.3	326.0	0.1	36.3	99.9	99.9
46	2	12936.9	175.0	-63.0	-50.0	99.9	99.9	99.9	99.9	338.6	326.0	0.1	36.3	99.9	99.9
49	3	13893.2	150.0	-67.7	-50.0	99.9	99.9	99.9	99.9	345.9	326.0	0.1	36.3	99.9	99.9
53	0	15021.9	125.0	-62.7	-50.0	99.9	99.9	99.9	99.9	366.1	326.0	0.1	36.3	99.9	99.9
57	5	16390.2	100.0	-64.0	-50.0	99.9	99.9	99.9	99.9	404.1	326.0	0.1	36.3	99.9	99.9
63	2	18152.0	75.0	-63.5	-50.0	99.9	99.9	99.9	99.9	439.9	326.0	0.1	36.3	99.9	99.9
71	0	20665.4	50.0	-58.7	-50.0	99.9	99.9	99.9	99.9	505.4	326.0	0.1	36.3	99.9	99.9
82	6	25090.5	25.0	-52.1	-50.0	99.9	99.9	99.9	99.9	635.3	326.0	0.1	36.3	99.9	99.9

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

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ORIGINAL  
OF POOR QUALITY

STATION NO. 4  
THROCKMORTON, TEXAS  
2 MAY 1982  
202 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	D <sup>10</sup> DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	FOOT T DG K	E POT T DG K	MX RTO GM/KG	R <sub>0</sub> PCT	RANGE KM	AZ DG
00	0	404.8	972.2	17.5	17.0	99.9	99.9	99.9	99.9	293.0	325.0	12.7	97.0	999.9	999
01	9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999
02	9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999
03	9	602.7	950.0	17.5	12.9	99.9	99.9	99.9	99.9	295.0	321.5	9.9	74.0	999.9	999
04	1	830.2	925.0	15.5	12.6	99.9	99.9	99.9	99.9	295.2	321.5	10.5	82.9	999.9	999
05	2	1082.5	900.0	13.9	11.5	99.9	99.9	99.9	99.9	295.8	321.1	8.5	85.4	999.9	999
06	3	1299.9	875.0	12.3	9.1	99.9	99.9	99.9	99.9	296.5	318.9	8.8	86.0	999.9	999
07	4	1542.7	850.0	10.4	8.0	99.9	99.9	99.9	99.9	297.0	320.0	8.3	87.0	999.9	999
08	5	1791.1	825.0	8.6	6.4	99.9	99.9	99.9	99.9	297.9	319.3	7.5	84.3	999.9	999
09	6	2045.7	800.0	7.2	5.3	99.9	99.9	99.9	99.9	298.8	318.8	6.9	84.0	999.9	999
10	7	2308.7	775.0	5.6	4.7	99.9	99.9	99.9	99.9	299.6	317.7	6.2	83.5	999.9	999
11	8	2574.5	750.0	4.4	3.7	99.9	99.9	99.9	99.9	300.6	317.7	5.6	83.1	999.9	999
12	9	2849.7	725.0	3.2	2.7	99.9	99.9	99.9	99.9	302.1	318.3	5.2	82.8	999.9	999
13	0	3133.0	700.0	2.1	1.6	99.9	99.9	99.9	99.9	303.6	318.2	4.4	73.5	999.9	999
14	1	3425.5	675.0	1.2	0.6	99.9	99.9	99.9	99.9	305.7	318.9	4.3	76.3	999.9	999
15	2	3727.7	650.0	0.0	-3.7	99.9	99.9	99.9	99.9	307.6	319.4	3.9	71.5	999.9	999
16	3	4039.8	625.0	-1.2	-5.7	99.9	99.9	99.9	99.9	309.1	318.3	3.5	70.9	999.9	999
17	4	4362.2	600.0	-3.0	-7.5	99.9	99.9	99.9	99.9	310.4	318.7	3.2	69.1	999.9	999
18	5	4695.0	575.0	-5.0	-11.7	99.9	99.9	99.9	99.9	311.9	319.2	2.8	59.0	999.9	999
19	6	5041.9	550.0	-6.9	-14.2	99.9	99.9	99.9	99.9	314.5	319.2	2.5	56.0	999.9	999
20	7	5401.9	525.0	-8.1	-19.5	99.9	99.9	99.9	99.9	316.2	318.6	2.1	52.2	999.9	999
21	8	5778.3	500.0	-10.1	-26.9	99.9	99.9	99.9	99.9	317.7	318.9	1.8	47.7	999.9	999
22	9	6165.8	475.0	-12.8	-38.3	99.9	99.9	99.9	99.9	319.0	319.3	1.5	42.2	999.9	999
23	0	6572.2	450.0	-15.4	-49.4	99.9	99.9	99.9	99.9	320.4	320.0	1.2	37.8	999.9	999
24	1	6996.3	425.0	-18.2	-55.1	99.9	99.9	99.9	99.9	321.5	321.6	1.0	33.2	999.9	999
25	2	7440.2	400.0	-21.4	-60.4	99.9	99.9	99.9	99.9	322.6	322.5	0.8	29.1	999.9	999
26	3	7905.8	375.0	-25.0	-62.3	99.9	99.9	99.9	99.9	323.8	323.7	0.6	25.6	999.9	999
27	4	8395.8	350.0	-28.7	-64.9	99.9	99.9	99.9	99.9	324.4	324.4	0.5	22.0	999.9	999
28	5	8912.2	325.0	-32.9	-68.4	99.9	99.9	99.9	99.9	324.7	324.8	0.4	19.0	999.9	999
29	6	9458.9	300.0	-37.7	-68.4	99.9	99.9	99.9	99.9	325.8	324.8	0.3	16.4	999.9	999
30	7	10041.8	275.0	-42.3	-69.9	99.9	99.9	99.9	99.9	327.1	324.8	0.2	14.4	999.9	999
31	8	10688.2	250.0	-47.0	-69.9	99.9	99.9	99.9	99.9	327.3	324.8	0.2	12.9	999.9	999
32	9	11345.3	225.0	-51.0	-69.9	99.9	99.9	99.9	99.9	330.3	324.8	0.2	11.9	999.9	999
33	0	12091.0	200.0	-54.9	-69.9	99.9	99.9	99.9	99.9	334.4	324.8	0.2	11.3	999.9	999
34	1	12918.9	175.0	-59.0	-69.9	99.9	99.9	99.9	99.9	339.4	324.8	0.2	10.9	999.9	999
35	2	13871.1	150.0	-62.0	-69.9	99.9	99.9	99.9	99.9	347.6	324.8	0.2	10.5	999.9	999
36	3	14994.0	125.0	-62.1	-69.9	99.9	99.9	99.9	99.9	363.1	324.8	0.2	10.3	999.9	999
37	4	16360.4	100.0	-63.7	-69.9	99.9	99.9	99.9	99.9	379.8	324.8	0.2	10.2	999.9	999
38	5	18118.0	75.0	-64.8	-69.9	99.9	99.9	99.9	99.9	404.2	324.8	0.2	10.1	999.9	999
39	6	20628.2	50.0	-64.8	-69.9	99.9	99.9	99.9	99.9	437.9	324.8	0.2	10.0	999.9	999
40	7	24992.7	25.0	-62.2	-69.9	99.9	99.9	99.9	99.9	634.0	324.8	0.2	9.9	999.9	999

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ORIGINAL PAGE IS  
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STATION NO. 4  
THROCKMORTON, TEXAS  
2 MAY 1982  
500 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 RTD 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 0
0 9	99 9	999.9	1000.0	99.9	99.9	99 9	99 9	99 9	99 9	999.9	999.9	99 9	999 9	999 9	999 9
0 8	11 4	617.6	975.0	17.7	13.7	132 1	5 3	-3 9	3 5	295.2	322.7	10 5	999 9	999 9	999 9
1 0	13 7	845.4	925.0	15.7	13.1	131 5	6 5	-4 9	4 3	295.4	323.0	10 5	86 0	0 5	284
2 5	16 1	1077.8	900.0	13.7	13.1	129 7	6 4	-4 9	4 3	295.4	323.0	10 6	96 3	0 8	307
3 4	20 6	1315.3	875.0	12.1	11.1	139 3	4 6	-3 0	3 5	295.4	323.8	9 6	93 7	1 1	307
4 3	23 3	1558.3	850.0	11 1	10 2	173 9	4 1	-0 4	4 0	297.8	322 8	8 7	93 8	1 1	311
5 3	26 8	1807.6	825 0	9 6	8 6	210 9	5 7	2 9	4 0	298 8	322 3	7 9	94 6	1 4	321
6 8	29 7	2092.9	800 0	7 8	7 1	219 8	5 9	3 8	4 6	299 4	321 0	6 7	95 2	1 6	338
7 7	32 1	2324.3	775 0	5 8	4 2	217 2	6 6	4 5	5 8	300 0	318 5	6 5	95 0	1 8	350
8 6	35 6	2592.9	750 0	4 4	3 0	211 6	7 5	5 6	6 5	301 3	313 3	6 1	92 8	2 2	359
9 8	38 1	2868.6	725 0	2 8	2 0	218 0	8 1	6 5	7 4	302 6	318 7	5 4	91 4	2 5	4
10 8	41 0	3152.4	700 0	1 3	-2 6	226 5	7 5	5 4	8 1	304 0	318 8	4 4	74 3	2 9	10
11 9	43 3	3444.8	675 0	-0 3	-4 9	221 3	8 2	4 2	8 8	305 4	319 1	4 4	78 1	3 7	15
13 1	46 4	3748.5	650 0	-1 6	-7 3	203 9	9 4	3 7	9 6	307 1	319 1	3 5	71 8	4 0	20
14 3	48 7	4058.7	625 0	-2 9	-10 6	185 9	10 2	2 8	10 5	310 5	319 6	2 8	63 8	4 3	19
15 5	51 0	4381.3	600 0	-4 8	-17 3	102 9	11 1	1 8	11 3	313 6	319 9	1 7	38 6	4 3	17
16 8	53 2	4715.6	575 0	-7 0	-21 2	42 2	11 5	0 8	12 1	315 7	319 9	1 3	31 1	4 3	15
18 2	55 0	5063.7	550 0	-9 9	-24 6	318 8	12 1	1 0	13 0	316 6	319 8	1 0	28 6	4 2	18
19 5	57 9	5424.8	525 0	-12 1	-36 8	353 3	13 3	1 0	14 1	320 1	321 5	0 3	27 7	4 1	21
20 8	61 0	5799.4	500 0	-14 4	-50 9	351 2	14 1	0 5	14 9	321 0	321 4	0 1	27 9	3 5	24
22 6	64 1	6189.3	475 0	-17 7	-68 3	335 1	15 2	0 8	15 7	322 2	322 6	0 1	27 9	2 9	29
23 3	67 4	6598.8	450 0	-20 9	-83 4	335 2	16 6	1 2	16 6	322 4	322 8	0 1	27 7	2 9	33
25 0	70 6	7022.0	425 0	-25 1	-103 0	330 2	18 0	1 7	17 8	323 6	323 8	0 1	27 7	2 7	37
26 9	74 1	7466.4	400 0	-28 7	-127 2	328 1	19 1	1 8	19 0	324 3	324 5	0 1	27 7	2 7	41
28 9	77 7	7931.5	375 0	-32 0	-151 1	305 3	20 3	1 6	20 3	324 3	324 5	0 1	27 7	2 7	45
30 7	81 3	8421.3	350 0	-36 6	-175 9	304 1	21 3	1 5	21 3	324 3	324 5	0 1	27 7	2 7	49
32 6	85 2	8938.2	325 0	-41 3	-200 0	304 7	22 3	1 2	22 3	324 3	324 5	0 1	27 7	2 7	53
34 6	89 3	10071.8	300 0	-46 0	-225 0	299 4	23 3	1 0	23 3	324 3	324 5	0 1	27 7	2 7	57
36 8	93 6	10700.9	275 0	-49 4	-250 0	299 4	24 3	0 8	24 3	324 3	324 5	0 1	27 7	2 7	61
39 1	98 2	11385.4	250 0	-53 9	-275 0	291 5	25 3	0 6	25 3	324 3	324 5	0 1	27 7	2 7	65
41 5	103 0	12131.4	225 0	-59 8	-300 0	285 1	26 3	0 4	26 3	324 3	324 5	0 1	27 7	2 7	69
44 2	108 4	12957.1	200 0	-63 3	-325 0	288 1	27 3	0 2	27 3	324 3	324 5	0 1	27 7	2 7	73
47 3	114 0	13908.6	175 0	-67 8	-350 0	295 4	28 3	0 0	28 3	324 3	324 5	0 1	27 7	2 7	77
50 6	120 7	15027.2	150 0	-62 1	-375 0	293 7	29 3	0 2	29 3	324 3	324 5	0 1	27 7	2 7	81
54 5	128 0	16393.9	125 0	-63 9	-400 0	292 8	30 3	0 2	30 3	324 3	324 5	0 1	27 7	2 7	85
58 8	136 7	18147.0	100 0	-64 1	-425 0	292 2	31 3	0 2	31 3	324 3	324 5	0 1	27 7	2 7	89
64 2	147 0	20638.2	75 0	-64 6	-450 0	303 2	32 3	0 2	32 3	324 3	324 5	0 1	27 7	2 7	93
71 6	158 3	25044.8	50 0	-53 4	-475 0	308 7	33 3	0 2	33 3	324 3	324 5	0 1	27 7	2 7	97
81 1	188 4	25044.8	25 0	-53 4	-500 0	186 4	34 3	0 2	34 3	324 3	324 5	0 1	27 7	2 7	101

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE IS LESS THAN 8 DEG CONTACTS  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 5  
DENTON, TEXAS  
1 MAY 1982  
1119 GMT

TIME MIN	ONTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	HH PCT	RANGE KM	AZ DG
0 0	7 5	193 2	998 3	14 6	14 6	380 0	0 0	0 0	0 0	287 9	314 8	10 6	100 9	0 0	0 0
99 9	99 9	1000 0	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
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 6	94 5	0 3	180 0
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 5	0 4	206 0
2 4	14 8	840 5	925 0	14 8	12 3	135 2	4 1	-2 9	2 9	294 2	320 3	7 1	85 5	0 4	250 0
3 4	17 4	1073 0	900 0	15 2	12 2	184 2	1 6	0 1	7 8	297 2	318 5	7 1	59 0	0 5	261 0
4 3	20 0	1311 2	875 0	14 1	4 1	190 9	2 2	0 4	1 0	298 4	314 6	5 9	51 0	0 4	273 0
5 1	22 6	1554 9	850 0	11 7	2 2	176 3	2 2	-0 1	2 2	298 4	313 5	5 5	53 9	0 4	288 0
6 0	25 2	1803 7	825 0	9 2	2 2	118 5	1 1	-0 7	0 9	298 4	313 6	5 5	63 4	0 5	294 0
7 1	27 9	2058 3	800 0	7 5	1 3	142 5	1 1	-0 7	1 0	298 4	313 6	5 5	63 4	0 5	294 0
8 1	30 7	2318 1	775 0	5 4	1 3	234 2	2 2	1 8	1 3	298 6	318 3	5 7	75 0	0 6	298 0
9 2	32 3	2586 5	750 0	3 5	1 3	229 4	2 2	3 0	2 3	300 3	318 3	5 4	87 5	0 6	317 0
10 3	36 1	2861 0	725 0	1 6	0 5	212 4	3 5	3 4	2 5	301 2	318 6	5 4	92 3	0 7	346 0
11 7	39 0	3143 7	700 0	0 7	-0 5	215 4	5 2	5 2	5 3	303 2	318 4	5 0	93 5	1 3	3 2
13 3	41 9	3435 7	675 0	-0 8	-1 8	223 4	6 5	7 6	7 5	304 7	319 0	4 6	93 5	3 0	30 0
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 6	3 7	37 0
16 0	47 6	4048 4	625 0	-3 0	-3 9	249 9	10 6	10 0	3 7	309 0	322 1	4 2	93 1	4 5	45 0
17 6	50 8	4371 2	600 0	-4 7	-5 7	262 6	10 0	10 0	1 3	310 7	323 5	3 8	92 3	5 1	51 0
19 0	53 8	4705 4	575 0	-6 6	-7 6	270 4	7 3	7 3	-0 1	314 1	324 5	3 4	91 9	5 4	54 0
20 4	56 9	5052 1	550 0	-8 4	-9 5	290 3	3 8	3 6	-1 3	315 0	323 7	2 8	90 3	5 6	57 0
22 0	60 1	5411 8	525 0	-11 2	-12 4	304 0	3 1	2 6	-1 6	316 7	324 5	2 4	87 3	5 8	60 0
23 6	63 4	5785 3	500 0	-13 4	-15 0	277 0	3 0	2 3	-0 4	318 3	324 5	1 9	83 3	5 8	62 0
25 3	66 7	6174 2	475 0	-15 9	-18 1	255 1	4 5	4 5	1 2	319 6	324 6	1 5	79 3	6 2	63 0
26 8	70 1	6579 6	450 0	-18 8	-21 5	242 8	5 0	4 5	2 3	320 8	325 4	0 6	74 8	6 2	63 0
28 6	73 7	7003 3	425 0	-22 0	-25 2	240 7	3 9	3 6	2 1	322 4	325 6	0 6	68 7	7 2	63 0
30 6	77 3	7446 9	400 0	-25 1	-28 7	240 7	3 9	3 4	1 9	324 9	326 5	0 5	68 3	7 8	63 0
32 4	81 0	7912 4	375 0	-28 9	-32 6	309 9	1 9	1 5	1 2	326 3	327 5	0 3	62 7	8 6	63 0
34 2	84 8	8402 7	350 0	-32 6	-36 7	39 9	3 3	2 1	-1 2	326 6	329 9	0 3	59 9	7 4	63 0
36 1	88 8	8921 1	325 0	-36 5	-41 0	39 9	3 3	-2 1	-2 5	326 6	329 9	0 3	59 9	7 4	63 0
38 1	93 0	9470 5	300 0	-41 5	-47 0	4 8	4 6	-0 4	-4 6	327 2	329 9	0 3	59 9	7 1	66 0
40 4	97 3	10054 1	275 0	-47 0	-52 8	0 4	7 4	-0 1	-7 4	327 9	329 9	0 3	59 9	6 8	73 0
42 8	101 8	10677 2	250 0	-52 8	-58 9	45 3	9 7	-6 9	-6 8	331 2	329 9	0 3	59 9	6 1	83 0
45 4	106 6	11351 2	225 0	-56 9	-63 5	329 0	8 0	-6 9	-4 2	332 2	329 9	0 3	59 9	4 7	89 0
48 1	111 8	12085 5	200 0	-61 2	-69 9	329 0	6 6	-6 9	-2 5	335 5	329 9	0 3	59 9	4 3	100 0
51 2	117 0	12903 2	175 0	-67 0	-76 6	288 1	12 4	11 9	-3 4	335 5	329 9	0 3	59 9	6 6	106 0
53 1	122 7	13862 3	150 0	-69 9	-81 2	281 2	15 0	14 8	-2 9	332 9	329 9	0 3	59 9	10 7	104 0
55 8	128 7	14895 1	125 0	-69 9	-81 2	281 2	14 8	14 8	-4 8	332 9	329 9	0 3	59 9	15 7	105 0
58 6	135 7	16366 1	100 0	-62 9	-89 9	281 2	12 6	14 0	-4 5	332 9	329 9	0 3	59 9	20 7	105 0
61 2	142 7	18141 0	75 0	-64 3	-98 9	295 1	10 6	9 8	-1 9	332 9	329 9	0 3	59 9	27 9	108 0
64 3	150 3	20652 7	50 0	-60 0	-98 9	48 2	9 9	-2 1	-1 9	332 9	329 9	0 3	59 9	32 9	111 0
67 3	158 7	23057 0	25 0	-53 9	-98 9	99 9	9 9	9 9	9 9	60 0	329 9	0 3	59 9	32 9	111 0

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

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V 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	0.0
0 9	9 8	408.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	287.5	999.9	99.9	999.9	999.9	999.9
0 8	12 4	625.4	975.0	12.2	12.2	40.7	0.9	0.9	0.9	280.0	311.1	9.2	101.6	0.1	201.1
2 6	14 9	849.9	950.0	12.4	12.4	999.9	99.9	99.9	99.9	282.6	315.2	9.7	101.6	0.1	211.1
3 4	20 1	1079.9	900.0	10.7	9.7	999.9	99.9	99.9	99.9	293.3	317.9	8.5	999.9	999.9	999.9
4 3	22 7	1314.8	875.0	9.2	3.6	999.9	99.9	99.9	99.9	295.3	314.9	5.7	999.9	999.9	999.9
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	999.9	999.9	999.9
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	999.9	999.9	999.9
7 1	28 1	2054.1	800.0	5.3	3.0	999.9	99.9	99.9	99.9	297.7	313.2	6.0	85.0	999.9	999.9
8 0	30 8	2313.2	775.0	3.7	2.9	999.9	99.9	99.9	99.9	298.6	314.3	5.7	999.9	999.9	999.9
9 0	33 6	2579.1	750.0	1.9	0.4	999.9	99.9	99.9	99.9	299.9	314.5	5.4	999.9	999.9	999.9
10 0	36 4	2852.3	725.0	0.4	0.1	999.9	99.9	99.9	99.9	301.4	314.8	5.0	999.9	999.9	999.9
11 3	39 2	3133.6	700.0	-1.0	-1.2	999.9	99.9	99.9	99.9	303.5	315.6	4.9	999.9	999.9	999.9
12 3	42 1	3424.0	675.0	-3.2	-3.5	999.9	99.9	99.9	99.9	305.3	317.3	4.9	999.9	999.9	999.9
13 4	45 0	3723.7	650.0	-4.8	-5.1	215.0	10.0	8.2	8.2	307.0	318.4	4.5	98.0	1.7	351.1
14 6	48 0	4032.6	625.0	-6.1	-6.5	236.5	18.2	6.9	6.9	309.0	320.6	4.2	97.8	2.8	10.0
15 9	51 0	4354.5	600.0	-8.3	-8.7	250.1	8.0	8.1	8.1	310.3	320.6	3.5	97.3	3.6	29.9
17 1	54.1	4687.0	575.0	-10.1	-10.5	259.6	8.9	8.8	8.8	312.1	321.6	3.1	97.0	4.6	42.2
18 4	57 3	5031.4	550.0	-12.2	-12.7	250.1	7.8	7.3	7.3	315.2	322.2	2.2	96.2	5.1	44.4
19 8	60 5	5389.2	525.0	-14.6	-15.8	237.5	4.4	3.7	3.7	316.5	322.1	1.7	90.8	5.4	45.4
22 7	67 1	5780.9	500.0	-17.4	-19.3	257.9	2.3	2.3	2.3	316.5	322.1	1.3	85.1	5.4	45.4
24 1	70 6	6147.6	475.0	-20.1	-23.0	293.2	2.5	2.3	2.3	319.5	322.5	0.9	74.0	5.5	47.4
25 6	74 1	6551.0	450.0	-23.0	-27.7	295.4	3.6	3.3	3.3	321.9	322.7	0.6	65.3	5.5	49.4
27 1	77 9	7413.8	400.0	-26.6	-32.0	308.9	4.1	3.9	3.9	321.9	323.7	0.5	59.9	5.7	53.3
28 7	81 5	7877.1	375.0	-30.0	-35.2	331.7	4.6	3.6	3.6	324.6	324.6	0.4	59.9	5.9	56.1
30 3	85 3	8384.7	350.0	-33.8	-38.9	331.7	5.1	2.4	2.4	324.6	324.6	0.3	58.0	6.0	61.1
32 1	89 3	8890.1	325.0	-37.8	-43.0	13.0	3.0	0.7	0.7	324.6	324.6	0.3	58.0	6.0	61.1
33 8	93 5	9426.6	300.0	-42.2	-48.0	30.8	2.5	0.3	0.3	324.6	324.6	0.3	58.0	6.0	61.1
35 0	98 0	10099.1	275.0	-47.1	-53.9	359.5	2.5	0.1	0.1	324.6	324.6	0.3	58.0	6.0	61.1
36 0	102 5	10832.0	250.0	-52.1	-59.9	359.5	7.6	0.3	0.3	327.9	327.9	0.3	58.0	6.0	61.1
40 3	107 3	11306.6	225.0	-57.7	-65.9	359.5	5.9	0.3	0.3	327.9	327.9	0.3	58.0	6.0	61.1
42 7	112 6	12039.9	200.0	-63.2	-72.9	25.6	5.9	1.2	1.2	330.1	327.9	0.3	58.0	6.0	61.1
45 3	117 6	12858.4	175.0	-68.0	-79.9	351.9	8.3	1.2	1.2	332.8	327.9	0.3	58.0	6.0	61.1
48 6	123 5	13816.9	150.0	-60.7	-69.9	308.8	12.1	9.5	9.5	332.8	327.9	0.3	58.0	6.0	61.1
52 5	129 5	14947.1	125.0	-61.5	-69.9	289.3	13.8	13.1	13.1	332.8	327.9	0.3	58.0	6.0	61.1
57 5	138 2	16324.5	100.0	-62.4	-69.9	287.6	12.5	11.9	11.9	332.8	327.9	0.3	58.0	6.0	61.1
63 1	143 3	18092.0	75.0	-63.6	-69.9	298.3	9.1	8.0	8.0	332.8	327.9	0.3	58.0	6.0	61.1
70 9	151 0	20614.4	50.0	-58.6	-69.9	240.2	3.3	2.9	2.9	332.8	327.9	0.3	58.0	6.0	61.1
83 1	159 3	25016.2	25.0	-54.0	-69.9	99.9	99.9	99.9	99.9	629.8	999.9	99.9	999.9	999.9	999.9

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

ORIGINAL RECORD  
OF POOR QUALITY

STATION NO. 5  
DENTON, TEXAS

1 MAY 1962  
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 I DG K	E. POT I DG K	MX. RFD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.2	193.2	1000.5	18.7	16.9	70.0	1.5	-1.4	-0.5	291.8	323.5	12.3	89.0	0.0	C
0.0	7.2	197.5	1000.0	18.8	16.8	68.9	1.5	-1.4	-0.5	291.8	323.5	12.1	88.6	0.0	C
1.0	6.8	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	68.6	0.8	-0.7	-0.3	295.9	312.9	6.3	82.4	0.2	223
4.6	19.1	1328.1	875.0	13.0	4.5	159.9	0.7	-0.2	0.0	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	314.2	5.7	55.9	999.9	999.9
6.6	24.4	1820.8	825.0	9.8	2.7	999.9	99.9	99.9	99.9	298.9	314.2	5.5	59.7	999.9	999.9
7.6	27.1	2075.6	800.0	7.9	2.7	999.9	99.9	99.9	99.9	299.6	315.6	5.8	59.4	999.9	999.9
8.6	29.6	2326.9	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
9.7	32.6	2579.4	750.0	2.1	-4.3	999.9	99.9	99.9	99.9	300.9	311.5	3.7	54.0	999.9	999.9
10.8	35.4	2829.4	725.0	0.2	-4.3	999.9	99.9	99.9	99.9	301.8	312.8	3.8	62.5	999.9	999.9
12.0	38.2	3081.9	700.0	0.2	-2.3	999.9	99.9	99.9	99.9	302.7	312.8	4.0	63.9	999.9	999.9
13.2	41.0	3334.3	675.0	-0.8	-1.6	218.2	3.3	3.3	4.2	304.7	319.2	5.1	94.7	3.0	14
14.4	44.0	3586.9	650.0	-2.3	-6.0	234.9	4.3	3.5	4.2	307.7	320.7	4.5	82.8	3.3	20
15.7	47.0	4086.9	625.0	-5.0	-7.7	283.7	4.8	4.5	4.2	309.9	321.5	3.9	75.5	3.6	29
16.8	50.0	4390.0	600.0	-7.5	-8.8	280.1	5.6	5.6	-1.2	310.3	321.4	3.6	81.5	3.7	35
18.1	53.1	4723.4	575.0	-9.3	-10.6	272.2	6.6	6.6	-1.0	311.2	322.5	3.4	90.4	4.0	42
19.6	56.1	5068.8	550.0	-11.5	-14.1	272.9	6.1	6.1	-0.3	313.1	322.2	3.1	90.0	4.4	48
21.0	59.4	5427.4	525.0	-13.5	-16.8	230.2	4.1	4.3	2.6	316.6	322.3	1.8	85.6	4.8	52
22.5	62.6	5800.4	500.0	-16.1	-20.0	234.1	3.3	3.3	1.7	318.1	323.3	1.6	71.9	5.2	52
24.1	66.0	6188.8	475.0	-19.0	-23.4	234.1	2.9	2.9	0.7	319.3	323.5	1.3	67.9	5.5	53
25.5	69.4	6594.3	450.0	-21.6	-26.9	255.5	2.4	2.4	0.2	321.1	323.8	0.8	52.2	5.7	53
27.1	72.9	7017.7	425.0	-25.0	-31.8	257.6	1.7	1.7	0.8	323.9	324.5	0.5	43.0	6.1	54
28.8	76.4	7461.5	400.0	-28.5	-34.8	257.6	1.2	1.2	0.8	323.9	324.5	0.5	43.0	6.1	54
30.4	80.1	7917.3	375.0	-32.5	-38.2	322.9	0.8	0.8	1.8	325.3	325.8	0.4	34.7	6.5	55
32.2	84.0	8417.8	350.0	-36.2	-43.5	307.0	0.7	0.7	2.8	325.3	326.7	0.4	26.9	6.7	59
33.7	87.8	8936.8	325.0	-41.1	-49.9	325.0	0.6	0.6	3.8	326.7	327.6	0.2	16.9	6.8	63
35.7	92.0	9486.3	300.0	-46.2	-56.9	332.6	0.6	0.6	4.8	327.4	328.9	0.2	9.9	6.9	69
37.7	96.2	10071.3	275.0	-51.6	-64.4	330.6	0.4	0.4	5.8	328.3	329.9	0.2	9.9	7.1	78
39.8	100.6	10697.8	250.0	-56.4	-71.9	318.0	0.4	0.4	6.8	332.2	332.2	0.2	9.9	7.8	86
42.0	105.2	11374.1	225.0	-61.0	-79.9	304.1	0.4	0.4	7.8	336.2	336.2	0.2	9.9	8.5	93
44.3	110.0	12112.5	200.0	-64.2	-87.9	293.7	0.4	0.4	8.8	340.0	339.9	0.2	9.9	9.3	99
46.7	115.2	12933.7	175.0	-68.0	-96.9	289.1	0.4	0.4	9.8	344.0	339.9	0.2	9.9	10.3	103
49.4	120.5	13869.5	150.0	-72.4	-106.9	289.1	0.4	0.4	10.8	348.8	339.9	0.2	9.9	11.5	104
52.8	126.2	15026.0	125.0	-77.5	-117.9	289.1	0.4	0.4	11.8	354.0	339.9	0.2	9.9	12.8	107
56.6	132.3	16359.0	100.0	-82.5	-129.9	289.1	0.4	0.4	12.8	360.0	339.9	0.2	9.9	14.1	107
61.6	138.0	18175.8	75.0	-88.5	-142.9	289.1	0.4	0.4	13.8	367.2	339.9	0.2	9.9	15.6	105
68.4	146.2	20769.4	50.0	-95.6	-157.9	289.1	0.4	0.4	14.8	376.0	339.9	0.2	9.9	17.1	107
78.3	153.7	25118.9	25.0	-103.3	-174.9	289.1	0.4	0.4	15.8	386.0	339.9	0.2	9.9	18.8	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. 5  
DENTON, TEXAS  
1 MAY 1982  
2300 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00	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
01	9 5	382.6	1000.0	22.4	19.9	360.0	99.9	99.9	99.9	295.9	325.9	99.9	99.9	999.9	999
02	12 1	816.2	975.0	20.4	15.4	360.0	5.9	5.9	0.6	295.7	325.6	11.4	99.9	0.1	29
03	14 7	844.3	925.0	18.0	15.0	360.0	2.2	-2.2	-0.0	295.5	325.3	11.0	82.3	0.2	329
04	17 2	1077.1	900.0	15.9	15.0	360.0	2.0	-1.8	-0.9	295.6	324.8	10.2	86.7	0.3	298
05	19 8	1315.4	875.0	14.7	12.4	360.0	2.4	-2.4	-0.6	296.6	323.6	8.3	96.5	0.4	276
06	22 4	1558.8	850.0	12.9	9.0	360.0	1.8	-1.0	0.1	297.9	317.1	7.1	71.0	0.5	277
07	25 0	1808.1	825.0	11.2	6.3	360.0	1.9	1.2	1.5	299.7	318.0	6.6	88.4	0.5	287
08	27 7	2063.9	800.0	10.5	5.0	360.0	3.5	3.5	2.8	300.0	320.9	7.7	88.8	0.4	306
09	30 3	2326.1	775.0	8.8	3.6	360.0	6.9	5.9	4.6	301.2	319.4	6.6	91.8	0.5	353
10	33 1	2594.9	750.0	5.3	-5.3	360.0	6.9	6.9	4.1	302.3	312.3	5.1	48.4	0.8	24
11	35 8	2871.1	725.0	3.7	-0.5	360.0	4.7	4.7	1.8	303.6	318.1	5.1	73.8	1.2	39
12	38 7	3155.5	700.0	1.4	0.8	360.0	3.1	3.1	-0.5	304.0	320.2	5.3	94.9	1.5	49
13	41 5	3448.5	675.0	1.4	-1.1	360.0	2.0	2.0	-1.4	308.3	320.8	4.3	75.6	1.7	61
14	44 4	3752.0	650.0	-0.6	-4.4	360.0	2.0	2.0	-1.4	311.3	323.5	4.1	72.5	1.8	67
15	47 4	4065.7	625.0	-3.3	-5.3	360.0	2.8	2.8	-1.1	312.3	322.4	3.3	68.4	1.9	71
16	50 4	4390.6	600.0	-6.1	-8.6	360.0	4.1	3.9	-1.1	312.9	321.2	2.7	64.3	2.1	74
17	53 4	4725.7	575.0	-8.1	-11.7	360.0	5.9	5.9	-1.1	314.2	322.2	2.6	70.3	2.5	79
18	56 5	5072.7	550.0	-9.3	-12.6	360.0	6.2	6.2	-1.0	315.2	323.0	2.5	80.5	2.9	82
19	59 7	5432.3	525.0	-11.0	-14.9	360.0	7.5	7.5	-0.4	316.7	323.3	2.4	93.5	3.4	84
20	62 3	5805.2	500.0	-14.1	-17.3	360.0	7.0	7.0	-0.5	321.5	325.1	1.5	84.7	4.0	84
21	65 4	6194.1	475.0	-15.6	-20.7	360.0	6.9	6.3	-2.9	324.0	325.8	0.6	49.6	4.6	84
22	68 7	6600.7	450.0	-17.3	-25.3	360.0	6.9	6.9	-3.3	324.4	326.2	0.4	36.3	5.1	90
23	71 7	7026.6	425.0	-20.3	-31.3	360.0	7.9	7.2	-3.3	325.0	326.2	0.3	33.5	6.4	93
24	74 4	7473.0	400.0	-23.5	-37.5	360.0	8.0	8.0	-3.5	325.7	326.4	0.2	27.3	7.2	95
25	78 0	7940.9	375.0	-27.7	-44.5	360.0	9.3	8.0	-3.5	326.8	326.8	0.1	20.3	8.2	98
26	81 3	8432.8	350.0	-32.0	-51.1	360.0	10.8	9.3	-3.4	326.9	326.9	0.1	99.9	9.5	101
27	84 3	8951.2	325.0	-36.5	-59.9	360.0	11.7	11.2	-3.4	327.7	327.7	0.1	99.9	10.0	100
28	87 2	9500.2	300.0	-41.5	-68.9	360.0	13.0	12.8	-4.4	329.4	329.4	0.1	99.9	11.0	101
29	90 7	10084.0	275.0	-46.6	-78.0	360.0	14.2	13.5	-5.7	332.5	332.5	0.1	99.9	12.8	102
30	93 5	10709.7	250.0	-51.6	-88.8	360.0	15.1	15.0	-7.6	337.6	337.6	0.1	99.9	14.8	104
31	96 8	11385.1	225.0	-56.2	-99.9	360.0	15.6	15.2	-8.0	348.3	348.3	0.1	99.9	19.6	105
32	99 8	12128.1	200.0	-60.1	-99.9	360.0	15.9	15.2	-8.0	363.7	363.7	0.1	99.9	23.9	108
33	102 8	12852.3	175.0	-61.6	-99.9	360.0	17.8	17.8	-8.0	381.6	381.6	0.1	99.9	27.9	107
34	105 8	13510.2	150.0	-61.6	-99.9	360.0	21.6	20.0	-8.1	403.3	403.3	0.1	99.9	33.4	108
35	108 8	13910.2	125.0	-62.5	-99.9	360.0	15.9	14.2	-7.2	439.5	439.5	0.1	99.9	37.4	109
36	111 8	15037.7	100.0	-64.4	-99.9	360.0	10.1	8.9	-4.7	503.5	503.5	0.1	99.9	39.3	111
37	114 7	16410.2	75.0	-63.5	-99.9	360.0	4.5	4.4	-4.4	635.0	635.0	0.1	99.9	36.2	114
38	117 7	18180.8	50.0	-59.5	-99.9	360.0	5.4	4.4	-4.4						
39	120 7	20698.9	25.0	-52.2	-99.9	360.0	5.4	4.4	-4.4						
40	123 7	25114.5	25.0	-52.2	-99.9	360.0	5.4	4.4	-4.4						

\* 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 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 5  
DENTON TEXAS

2 MAY 201 GMT 1982

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00	0	193	987	19	16	360	0	0	0	292	323	12	87	0	0
00	0	193	1000	19	16	360	0	0	0	292	323	12	87	0	0
00	0	193	975	18	15	318	0	0	0	293	322	11	82	0	0
00	0	193	950	18	13	318	0	0	0	293	322	11	82	0	0
00	0	193	925	14	12	318	0	0	0	294	320	10	85	0	0
00	0	193	900	13	11	318	0	0	0	294	320	10	85	0	0
00	0	193	875	11	8	318	0	0	0	296	318	8	81	0	0
00	0	193	850	9	6	318	0	0	0	296	318	8	81	0	0
00	0	193	825	8	6	318	0	0	0	297	317	8	100	0	0
00	0	193	800	5	5	318	0	0	0	298	317	7	100	0	0
00	0	193	775	5	4	318	0	0	0	298	317	7	100	0	0
00	0	193	750	3	3	318	0	0	0	300	315	5	99	0	0
00	0	193	725	2	1	318	0	0	0	300	315	5	99	0	0
00	0	193	700	0	0	318	0	0	0	302	318	5	97	0	0
00	0	193	675	-1	-1	318	0	0	0	304	318	5	97	0	0
00	0	193	650	-2	-2	318	0	0	0	305	317	5	93	0	0
00	0	193	625	-4	-4	318	0	0	0	307	315	4	83	0	0
00	0	193	600	-5	-5	318	0	0	0	309	315	2	58	0	0
00	0	193	575	-8	-8	318	0	0	0	310	317	2	65	0	0
00	0	193	550	-10	-10	318	0	0	0	312	319	2	85	0	0
00	0	193	525	-13	-13	318	0	0	0	314	319	2	85	0	0
00	0	193	500	-14	-14	318	0	0	0	315	320	2	86	0	0
00	0	193	475	-14	-14	318	0	0	0	315	320	2	86	0	0
00	0	193	450	-15	-15	318	0	0	0	317	321	2	86	0	0
00	0	193	425	-17	-17	318	0	0	0	319	321	2	86	0	0
00	0	193	400	-21	-21	318	0	0	0	319	321	2	86	0	0
00	0	193	375	-23	-23	318	0	0	0	322	322	0	50	0	0
00	0	193	350	-26	-26	318	0	0	0	322	322	0	41	0	0
00	0	193	325	-33	-33	318	0	0	0	323	322	0	41	0	0
00	0	193	300	-37	-37	318	0	0	0	323	322	0	41	0	0
00	0	193	275	-42	-42	318	0	0	0	324	324	0	6	0	0
00	0	193	250	-47	-47	318	0	0	0	325	324	0	6	0	0
00	0	193	225	-51	-51	318	0	0	0	328	325	0	9	0	0
00	0	193	200	-57	-57	318	0	0	0	329	328	0	9	0	0
00	0	193	175	-60	-60	318	0	0	0	330	329	0	9	0	0
00	0	193	150	-64	-64	318	0	0	0	332	330	0	9	0	0
00	0	193	125	-62	-62	318	0	0	0	336	332	0	9	0	0
00	0	193	100	-63	-63	318	0	0	0	343	336	0	9	0	0
00	0	193	75	-64	-64	318	0	0	0	379	339	0	9	0	0
00	0	193	50	-64	-64	318	0	0	0	438	343	0	9	0	0
00	0	193	25	-61	-61	318	0	0	0	499	348	0	9	0	0
00	0	193	0	-53	-53	318	0	0	0	630	353	0	9	0	0

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

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Y

STATION NO. 5  
DENTON, TEXAS  
2 MAY 1982  
500 GMT

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE NM	AZ DG
00	9	193	999.3	17.8	16.8	300	0	0	0	291	322	12	94	0	0
00	9	193	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00	8	404	975.0	17.7	16.3	99.9	99.9	99.9	99.9	293	324	12	91	9	99.9
01	17	627	950.0	16.2	15.2	99.9	99.9	99.9	99.9	293	323	11	93	3	99.9
02	14	853	925.0	14.9	13.2	99.9	99.9	99.9	99.9	294	321	10	89	6	99.9
03	17	1082	900.0	13.8	11.5	99.9	99.9	99.9	99.9	295	321	9	85	5	99.9
04	20	1323	875.0	12.8	10.7	99.9	99.9	99.9	99.9	296	318	8	82	7	99.9
05	22	1566	850.0	10.9	8.1	99.9	99.9	99.9	99.9	297	319	8	82	6	99.9
06	25	1815	825.0	9.3	6.5	99.9	99.9	99.9	99.9	298	321	8	85	9	99.9
07	1	2070	800.0	7.5	6.6	99.9	99.9	99.9	99.9	299	320	7	93	9	99.9
08	31	2332	775.0	6.3	4.5	99.9	99.9	99.9	99.9	300	319	6	88	5	99.9
09	33	2601	750.0	4.4	1.9	99.9	99.9	99.9	99.9	301	317	5	81	4	99.9
10	38	2876	725.0	3.2	-1.9	99.9	99.9	99.9	99.9	302	316	4	69	2	99.9
11	42	3161	700.0	1.4	-0.7	99.9	99.9	99.9	99.9	304	320	5	94	9	99.9
12	45	3453	675.0	-1.0	-1.6	227	4	3	4	304	319	5	95	8	31
13	48	3754	650.0	-2.1	-2.1	241	2	2	2	308	318	4	82	4	34
14	51	4085	625.0	-3.0	-2.8	250	0	0	0	309	320	3	74	3	37
15	54	4388	600.0	-5.0	-4.1	254	5	2	1	309	320	3	74	3	40
16	57	4721	575.0	-7.1	-6.1	272	3	5	0	311	320	2	64	4	43
17	59	5087	550.0	-8.9	-12.7	320	1	5	1	311	320	2	64	4	46
18	01	5426	525.0	-10.9	-14.5	320	3	5	2	313	320	2	63	7	49
19	04	5801	500.0	-12.5	-18.6	221	4	5	0	315	320	1	52	1	51
20	07	6191	475.0	-15.1	-30.1	14	1	1	-1	317	320	0	2	4	57
21	11	6597	450.0	-18.0	-59.5	354	6	8	-3	319	319	0	0	3	66
22	15	7021	425.0	-21.4	-61.3	342	5	7	-7	320	320	0	0	3	77
23	19	7485	400.0	-25.1	-66.6	347	9	7	-9	322	321	0	0	3	88
24	23	7950	375.0	-29.2	-68.6	316	9	2	-5	322	322	0	0	4	99
25	27	8430	350.0	-33.2	-71.3	311	1	7	-8	323	324	0	0	4	106
26	31	8958	325.0	-37.8	-74.4	303	0	8	-1	324	324	0	0	5	112
27	35	9482	300.0	-42.6	-79.9	304	1	11	-2	325	325	0	0	6	119
28	38	10005	275.0	-46.0	-89.9	300	1	12	-6	327	325	0	0	8	126
29	41	10600	250.0	-51.4	-99.9	291	8	12	-7	327	325	0	0	10	134
30	43	11300	225.0	-54.9	-99.9	290	2	18	-6	329	325	0	0	12	143
31	46	12114	200.0	-58.9	-99.9	294	5	19	-7	339	325	0	0	13	153
32	49	12941	175.0	-63.7	-99.9	295	1	20	-8	344	325	0	0	14	164
33	52	13800	150.0	-63.3	-99.9	298	6	20	-7	343	325	0	0	15	175
34	55	15018	125.0	-63.3	-99.9	301	6	21	-1	380	325	0	0	16	187
35	58	16381	100.0	-64.6	-99.9	302	0	14	-4	404	325	0	0	17	199
36	01	18143	75.0	-64.5	-99.9	290	6	17	-5	437	325	0	0	18	211
37	04	20639	50.0	-61.6	-99.9	290	6	19	-2	498	325	0	0	19	224
38	07	25034	25.0	-55.2	-99.9	186	4	25	0	626	325	0	0	20	237

ORIGINAL PAGE IS  
OF POOR QUALITY

.. 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 6 DEG  
.. BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS



UNITED STATES GOVERNMENT  
OFFICE OF POLLUTION CONTROL

STATION NO 6  
ABILENE TEXAS  
1 MAY 1962  
1130 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEM PT 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 RTD GM KG	RH PCT	RANGE KM	AZ DG
00	10	531	859	13	12	300	3	0	-3	280	315	9	95	0	0
01	99	99	1000	99	99	99	99	99	99	99	99	99	99	99	99
02	99	99	975	99	99	99	99	99	99	99	99	99	99	99	99
03	11	617	850	12	99	29	6	-3	-5	290	999	99	99	0	215
04	13	840	825	11	99	47	6	-4	-4	291	314	8	93	0	228
05	18	1070	800	11	55	78	7	-6	-1	293	316	8	93	0	243
06	21	1306	875	10	4	104	6	-5	2	294	317	8	93	0	254
07	21	1548	850	10	1	124	4	-3	2	295	317	8	93	0	264
08	23	1786	825	8	7	132	3	-3	3	296	317	8	93	0	271
09	26	2051	800	7	2	151	4	-0	3	298	317	8	93	0	279
10	28	2312	775	5	4	170	4	-0	4	301	318	6	93	0	286
11	31	2581	750	4	2	185	4	-1	4	302	318	6	93	0	293
12	34	2857	725	3	0	193	5	0	5	303	319	5	92	0	303
13	39	3141	700	1	1	206	5	0	7	305	320	5	92	0	312
14	41	3433	675	0	1	219	6	0	9	307	322	5	92	0	322
15	44	3736	650	-1	1	232	7	1	7	309	322	4	91	0	330
16	47	4049	625	-2	7	245	7	2	3	310	322	4	91	0	337
17	50	4372	600	-4	7	258	7	0	6	311	322	3	89	0	340
18	53	4708	575	-7	3	271	6	-0	5	313	322	3	87	0	341
19	56	5051	550	-9	3	284	5	0	3	315	322	2	85	0	343
20	59	5410	525	-11	1	297	5	1	0	316	322	2	83	0	346
21	58	5783	500	-13	0	310	3	1	3	318	322	1	81	0	347
22	52	6171	475	-16	0	323	1	-0	2	320	323	1	80	0	345
23	45	6578	450	-18	5	336	5	-2	7	321	324	0	80	0	340
24	38	7001	425	-21	3	350	6	-2	8	323	325	0	80	0	336
25	31	7446	400	-24	3	363	6	-1	5	324	325	0	80	0	331
26	24	7913	375	-27	7	376	6	0	5	325	326	0	80	0	322
27	18	8404	350	-32	3	389	6	-1	7	326	327	0	80	0	308
28	12	8922	325	-36	0	402	6	0	7	327	327	0	80	0	284
29	07	9472	300	-40	5	415	6	2	6	328	328	0	80	0	266
30	02	10059	275	-45	4	428	6	3	6	329	329	0	80	0	246
31	58	10687	250	-50	4	441	6	3	7	331	329	0	80	0	226
32	53	11365	225	-54	8	454	6	3	7	331	329	0	80	0	206
33	48	12043	200	-58	8	467	6	3	7	331	329	0	80	0	186
34	43	12721	175	-63	1	480	6	0	9	335	329	0	80	0	166
35	38	13399	150	-67	9	493	6	-1	10	335	329	0	80	0	146
36	33	14077	125	-71	6	506	6	0	11	335	329	0	80	0	126
37	28	14755	100	-75	0	519	6	0	11	335	329	0	80	0	106
38	23	15433	75	-80	5	532	6	-1	12	335	329	0	80	0	86
39	18	16111	50	-84	7	545	6	-1	12	335	329	0	80	0	66
40	13	16789	25	-88	7	558	6	-1	12	335	329	0	80	0	46
41	08	17467	0	-92	7	571	6	-1	12	335	329	0	80	0	26
42	03	18145	0	-96	7	584	6	-1	12	335	329	0	80	0	6
43	58	18823	0	-100	7	597	6	-1	12	335	329	0	80	0	0
44	53	19501	0	-104	7	610	6	-1	12	335	329	0	80	0	0
45	48	20179	0	-108	7	623	6	-1	12	335	329	0	80	0	0
46	43	20857	0	-112	7	636	6	-1	12	335	329	0	80	0	0
47	38	21535	0	-116	7	649	6	-1	12	335	329	0	80	0	0
48	33	22213	0	-120	7	662	6	-1	12	335	329	0	80	0	0
49	28	22891	0	-124	7	675	6	-1	12	335	329	0	80	0	0
50	23	23569	0	-128	7	688	6	-1	12	335	329	0	80	0	0
51	18	24247	0	-132	7	701	6	-1	12	335	329	0	80	0	0
52	13	24925	0	-136	7	714	6	-1	12	335	329	0	80	0	0
53	08	25603	0	-140	7	727	6	-1	12	335	329	0	80	0	0
54	03	26281	0	-144	7	740	6	-1	12	335	329	0	80	0	0
55	58	26959	0	-148	7	753	6	-1	12	335	329	0	80	0	0
56	53	27637	0	-152	7	766	6	-1	12	335	329	0	80	0	0
57	48	28315	0	-156	7	779	6	-1	12	335	329	0	80	0	0
58	43	28993	0	-160	7	792	6	-1	12	335	329	0	80	0	0
59	38	29671	0	-164	7	805	6	-1	12	335	329	0	80	0	0
60	33	30349	0	-168	7	818	6	-1	12	335	329	0	80	0	0
61	28	31027	0	-172	7	831	6	-1	12	335	329	0	80	0	0
62	23	31705	0	-176	7	844	6	-1	12	335	329	0	80	0	0
63	18	32383	0	-180	7	857	6	-1	12	335	329	0	80	0	0
64	13	33061	0	-184	7	870	6	-1	12	335	329	0	80	0	0
65	08	33739	0	-188	7	883	6	-1	12	335	329	0	80	0	0
66	03	34417	0	-192	7	896	6	-1	12	335	329	0	80	0	0
67	58	35095	0	-196	7	909	6	-1	12	335	329	0	80	0	0
68	53	35773	0	-200	7	922	6	-1	12	335	329	0	80	0	0
69	48	36451	0	-204	7	935	6	-1	12	335	329	0	80	0	0
70	43	37129	0	-208	7	948	6	-1	12	335	329	0	80	0	0
71	38	37807	0	-212	7	961	6	-1	12	335	329	0	80	0	0
72	33	38485	0	-216	7	974	6	-1	12	335	329	0	80	0	0
73	28	39163	0	-220	7	987	6	-1	12	335	329	0	80	0	0
74	23	39841	0	-224	7	1000	6	-1	12	335	329	0	80	0	0
75	18	40519	0	-228	7	1013	6	-1	12	335	329	0	80	0	0
76	13	41197	0	-232	7	1026	6	-1	12	335	329	0	80	0	0
77	08	41875	0	-236	7	1039	6	-1	12	335	329	0	80	0	0
78	03	42553	0	-240	7	1052	6	-1	12	335	329	0	80	0	0
79	58	43231	0	-244	7	1065	6	-1	12	335	329	0	80	0	0
80	53	43909	0	-248	7	1078	6	-1	12	335	329	0	80	0	0
81	48	44587	0	-252	7	1091	6	-1	12	335	329	0	80	0	0
82	43	45265	0	-256	7	1104	6	-1	12	335	329	0	80	0	0
83	38	45943	0	-260	7	1117	6	-1	12	335	329	0	80	0	0
84	33	46621	0	-264	7	1130	6	-1	12	335	329	0	80	0	0
85	28	47299	0	-268	7	1143	6	-1	12	335	329	0	80	0	0
86	23	47977	0	-272	7	1156	6	-1	12	335	329	0	80	0	0
87	18	48655	0	-276	7	1169	6	-1	12	335	329	0	80	0	0
88	13	49333	0	-280	7	1182	6	-1	12	335	329	0	80	0	0
89	08	50011	0	-284	7	1195	6	-1	12	335	329	0	80	0	0
90	03	50689	0	-288	7	1208	6	-1	12	335	329	0	80	0	0
91	58	51367	0	-292	7	1221	6	-1	12	335	329	0	80	0	0
92	53	52045	0	-296	7	1234	6	-1	12	335	329	0	80	0	0
93	48	52723	0	-300	7	1247	6	-1	12	335	329	0	80	0	0
94	43	53401	0	-304	7	1260	6	-1	12	335	329	0	80	0	0
95	38	54079	0	-308	7	1273	6	-1	12	335	329	0	80	0	0
96	33	54757	0	-312	7	1286	6	-1	12	335	329	0	80	0	0
97	28	55435	0	-316	7	1299	6	-1	12	335	329	0	80	0	0
98	23	56113	0	-320	7	1312	6	-1	12	335	329	0	80	0	0
99	18	56791	0	-324	7	1325	6	-1	12	335	329	0	80	0	0
100	13	57469	0	-328	7	1338	6	-1	12	335	329	0	80	0	0

\* 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 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 6  
ABILENE, TEXAS  
1 MAY 1962  
1403 GMT

TIME MIN	CHTCT	WEIGHT GPM	PRES MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SLC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTJ GM/KG	RH PCT	RANGE KM	AZ DG
00	10	531	981	14.2	13.4	350	3.6	0.0	-3.6	290	316	10.1	95.0	0.0	0
00	09	530	1000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00	11	529	975	12.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01	13	629	950	10.9	10.9	42.7	4.6	-3.3	-3.5	230	330	9.9	99.9	0.2	224
01	15	653	900	10.6	9.4	87.0	6.2	-5.7	-2.4	291	314	9.3	93.2	0.5	231
02	16	1082	875	9.4	9.0	86.4	7.4	-8.3	1.0	292	314	8.3	92.1	0.9	244
03	18	1317	850	9.2	7.6	96.8	8.6	-8.3	4.0	293	314	7.8	89.9	1.5	254
04	21	1556	825	8.6	6.1	118.1	9.5	-8.3	5.8	295	316	7.2	89.1	2.1	264
05	23	1805	800	7.6	5.0	126.5	8.8	-7.9	5.8	296	316	6.9	88.5	3.1	273
06	25	2059	775	6.7	3.2	133.8	7.4	-5.3	5.1	298	317	6.9	88.0	3.4	284
07	28	2318	750	5.1	1.5	151.4	4.5	-2.2	4.0	299	316	6.3	88.0	3.5	287
08	31	2580	725	3.4	0.3	187.1	2.9	0.4	2.9	300	317	5.4	88.2	3.5	289
09	33	2862	700	2.2	0.3	208.3	2.3	1.5	2.7	303	317	4.9	85.8	3.4	292
10	36	3145	675	0.6	-1.5	217.1	1.8	1.8	2.4	305	319	4.6	85.4	3.3	298
11	38	3427	650	-0.3	-2.4	214.6	1.1	1.1	1.6	307	321	4.6	88.9	3.3	301
12	41	3709	625	-1.3	-3.2	202.9	0.6	0.6	1.4	308	320	4.1	88.1	3.3	304
13	44	4021	600	-3.6	-5.3	202.4	1.2	1.2	1.2	308	320	3.6	86.5	3.3	307
14	47	4328	575	-7.6	-7.6	193.4	0.8	0.8	0.7	312	320	3.2	83.2	3.4	310
15	49	4657	550	-9.5	-9.6	189.4	0.7	0.7	0.7	312	322	2.6	81.0	3.4	315
16	52	5009	525	-11.4	-11.9	205.3	0.4	0.4	0.4	314	322	2.5	81.0	3.5	324
17	55	5362	500	-13.6	-14.0	186.6	3.5	0.4	3.5	316	323	2.1	77.2	3.5	324
18	58	5710	475	-16.0	-16.7	186.3	3.4	3.2	3.4	318	323	1.6	67.7	4.0	329
19	61	6061	450	-18.3	-20.6	185.6	3.3	3.2	3.4	320	324	1.2	59.5	3.1	327
20	64	6413	425	-21.8	-24.2	182.2	1.9	-1.9	-0.9	321	324	0.9	53.1	3.1	312
21	67	6764	400	-25.3	-28.7	26.0	7.7	-3.4	-6.9	322	324	0.6	51.5	2.9	295
22	70	7115	375	-28.6	-32.4	14.0	8.7	-2.1	-8.4	323	324	0.4	45.8	2.9	272
23	73	7466	350	-32.0	-36.6	353.6	9.0	1.1	-9.6	323	325	0.4	44.8	2.9	245
24	76	7817	325	-35.5	-40.2	342.0	8.3	2.3	-7.9	325	326	0.3	44.8	3.2	225
25	79	8168	300	-39.0	-44.1	325.7	8.2	2.5	-7.8	326	327	0.2	44.8	3.2	207
26	82	8519	275	-42.5	-48.8	312.5	6.8	5.9	-7.4	327	327	0.2	44.8	3.8	191
27	85	8870	250	-46.0	-53.9	303.6	5.9	5.9	-6.3	329	329	0.2	44.8	4.4	177
28	88	9221	225	-49.5	-59.0	303.1	4.7	4.7	-5.6	330	330	0.2	44.8	5.4	168
29	91	9572	200	-53.0	-64.1	304.5	3.6	3.6	-5.8	331	331	0.2	44.8	6.3	158
30	94	9923	175	-56.5	-69.2	288.4	12.6	12.0	-7.1	332	332	0.2	44.8	8.3	148
31	97	10274	150	-60.0	-74.3	287.2	17.8	16.0	-6.5	345	345	0.2	44.8	10.6	140
32	100	10625	125	-63.5	-79.4	287.2	17.8	16.0	-6.2	345	345	0.2	44.8	13.7	132
33	103	10976	100	-67.0	-84.5	282.4	16.3	15.0	-5.4	345	345	0.2	44.8	23.7	126
34	106	11327	75	-70.5	-89.6	300.1	16.4	10.1	-4.2	345	345	0.2	44.8	28.6	127
35	109	11678	50	-74.0	-94.7	338.6	2.8	1.0	-4.2	345	345	0.2	44.8	30.8	127
36	112	12029	25	-77.5	-99.8	308.1	3.4	2.7	-2.1	345	345	0.2	44.8	29.9	130

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

ORIGINAL RECORD  
OF POOR QUALITY

STATION NO 6  
ABILENE, TEXAS  
1 MAY 1962  
1700 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG U	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MA RTD GN/KG	RH PCT	RANGE KM	AZ DG
00	10	531	981.4	15.1	14.6	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	09	530	1000.0	15.0	14.6	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	08	529	1000.0	15.0	14.6	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	07	528	985.0	14.9	14.5	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	06	527	985.0	14.8	14.4	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	05	526	985.0	14.7	14.3	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	04	525	985.0	14.6	14.2	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	03	524	985.0	14.5	14.1	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	02	523	985.0	14.4	14.0	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	01	522	985.0	14.3	13.9	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	00	521	985.0	14.2	13.8	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	59	520	985.0	14.1	13.7	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	58	519	985.0	14.0	13.6	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	57	518	985.0	13.9	13.5	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	56	517	985.0	13.8	13.4	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	55	516	985.0	13.7	13.3	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	54	515	985.0	13.6	13.2	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	53	514	985.0	13.5	13.1	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	52	513	985.0	13.4	13.0	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	51	512	985.0	13.3	12.9	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	50	511	985.0	13.2	12.8	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	49	510	985.0	13.1	12.7	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	48	509	985.0	13.0	12.6	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	47	508	985.0	12.9	12.5	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	46	507	985.0	12.8	12.4	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	45	506	985.0	12.7	12.3	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	44	505	985.0	12.6	12.2	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	43	504	985.0	12.5	12.1	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	42	503	985.0	12.4	12.0	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	41	502	985.0	12.3	11.9	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	40	501	985.0	12.2	11.8	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	39	500	985.0	12.1	11.7	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	38	499	985.0	12.0	11.6	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	37	498	985.0	11.9	11.5	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	36	497	985.0	11.8	11.4	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	35	496	985.0	11.7	11.3	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	34	495	985.0	11.6	11.2	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	33	494	985.0	11.5	11.1	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	32	493	985.0	11.4	11.0	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	31	492	985.0	11.3	10.9	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	30	491	985.0	11.2	10.8	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	29	490	985.0	11.1	10.7	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	28	489	985.0	11.0	10.6	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	27	488	985.0	10.9	10.5	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	26	487	985.0	10.8	10.4	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	25	486	985.0	10.7	10.3	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	24	485	985.0	10.6	10.2	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	23	484	985.0	10.5	10.1	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	22	483	985.0	10.4	10.0	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	21	482	985.0	10.3	9.9	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	20	481	985.0	10.2	9.8	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	19	480	985.0	10.1	9.7	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	18	479	985.0	10.0	9.6	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	17	478	985.0	9.9	9.5	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	16	477	985.0	9.8	9.4	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	15	476	985.0	9.7	9.3	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	14	475	985.0	9.6	9.2	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	13	474	985.0	9.5	9.1	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	12	473	985.0	9.4	9.0	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	11	472	985.0	9.3	8.9	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	10	471	985.0	9.2	8.8	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	09	470	985.0	9.1	8.7	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	08	469	985.0	9.0	8.6	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	07	468	985.0	8.9	8.5	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	06	467	985.0	8.8	8.4	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	05	466	985.0	8.7	8.3	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	04	465	985.0	8.6	8.2	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	03	464	985.0	8.5	8.1	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	02	463	985.0	8.4	8.0	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	01	462	985.0	8.3	7.9	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	00	461	985.0	8.2	7.8	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	59	460	985.0	8.1	7.7	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	58	459	985.0	8.0	7.6	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	57	458	985.0	7.9	7.5	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	56	457	985.0	7.8	7.4	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	55	456	985.0	7.7	7.3	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	54	455	985.0	7.6	7.2	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	53	454	985.0	7.5	7.1	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	52	453	985.0	7.4	7.0	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	51	452	985.0	7.3	6.9	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	50	451	985.0	7.2	6.8	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	49	450	985.0	7.1	6.7	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	48	449	985.0	7.0	6.6	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	47	448	985.0	6.9	6.5	360.0	2.9	0.0	-2.9	291.9	319.9	11.0	97.0	0.0	0.0
00	46	447	985.0	6.8	6.4	360.0	2.9	0.0	-2.9	291.9					

ORIGINAL COPY  
OF FOUR QUALITY

STATION NO. 6  
ABILENE, TEXAS  
1 MA 1 2020 GMT 1982

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR UG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTG GM/KG	RH PCT	RANGE KM	AZ DG
0 0	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
0 0	98 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	999
0 3	11 7	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	999
1 1	14 2	824 7	950 0	15 8	99 9	99 9	99 9	99 9	99 9	233 2	318 7	8 8	99 9	999 9	999
2 0	16 2	850 7	925 0	13 5	12 3	99 9	99 9	99 9	99 9	233 1	317 6	8 1	99 9	999 9	999
2 8	19 2	1081 4	900 0	11 9	10 9	99 9	99 9	99 9	99 9	233 6	317 6	8 7	99 9	999 9	999
3 8	21 7	1317 2	875 0	10 7	9 7	133 8	5 4	-3 9	3 6	234 9	317 6	8 2	99 9	999 9	999
4 8	24 2	1559 1	850 0	8 3	8 4	155 8	6 8	-2 8	6 2	288 1	318 0	7 7	99 9	999 9	999
5 5	26 8	1806 8	825 0	6 3	7 1	174 3	7 0	-0 7	7 0	287 3	318 0	7 5	99 9	999 9	999
6 7	29 4	2061 4	800 0	4 4	6 3	182 9	5 7	0 3	5 7	299 1	319 6	6 8	99 9	999 9	999
7 7	32 0	2322 7	775 0	2 5	4 4	195 7	4 5	1 2	4 3	301 3	318 8	6 3	99 9	999 9	999
8 8	34 5	2590 9	750 0	0 3	2 9	217 2	4 1	2 8	3 7	302 2	318 8	5 8	99 9	999 9	999
10 0	37 2	2868 7	725 0	2 5	1 1	231 0	3 2	2 6	2 6	304 1	319 3	5 3	99 9	999 9	999
11 2	39 9	3150 5	700 0	0 3	-0 4	233 3	2 8	2 4	2 4	308 0	320 0	4 9	99 9	999 9	999
12 3	42 6	3442 8	675 0	0 3	-2 1	213 2	3 2	1 6	2 4	308 6	318 8	4 2	99 9	999 9	999
12 6	45 4	3744 8	650 0	-2 1	-4 5	203 6	3 4	1 4	3 3	307 6	318 4	3 7	99 9	999 9	999
15 1	48 2	4055 8	625 0	-4 2	-6 8	218 5	4 2	3 7	3 6	310 6	320 1	3 1	99 9	999 9	999
16 3	51 1	4377 6	600 0	-7 4	-9 4	225 7	5 2	3 3	3 0	311 4	320 1	2 5	99 9	999 9	999
17 6	54 1	4711 1	575 0	-7 4	-12 6	227 7	4 5	3 3	3 0	311 4	320 0	2 0	99 9	999 9	999
18 9	57 1	5058 0	550 0	-6 6	-15 7	200 0	3 1	3 3	3 8	313 6	320 0	1 5	99 9	999 9	999
20 4	60 1	5416 0	525 0	-10 2	-20 2	355 6	3 6	0 3	-3 6	316 1	321 5	1 1	99 9	999 9	999
21 8	63 3	5780 8	500 0	-12 4	-23 9	5 3	4 0	0 5	-5 4	317 9	321 5	0 9	99 9	999 9	999
23 4	66 5	6180 8	475 0	-14 8	-26 9	335 6	3 4	1 6	-3 6	319 6	322 6	0 7	99 9	999 9	999
25 1	69 8	6587 7	450 0	-17 8	-29 8	313 9	4 4	2 5	-2 3	320 9	323 3	0 6	99 9	999 9	999
26 8	73 1	7012 6	425 0	-21 0	-33 0	301 8	4 4	3 8	-2 0	322 1	324 0	0 4	99 9	999 9	999
28 5	76 7	7457 8	400 0	-24 1	-36 5	289 2	6 1	5 8	-2 4	324 7	325 2	0 1	99 9	999 9	999
30 4	80 3	7925 0	375 0	-27 9	-41 7	287 1	8 2	7 9	-2 2	326 0	326 2	0 1	99 9	999 9	999
32 5	84 2	8416 8	350 0	-31 7	-47 1	283 2	9 8	9 5	-2 2	326 1	326 4	0 1	99 9	999 9	999
34 6	88 1	8935 8	325 0	-36 7	-53 3	283 3	9 7	9 4	-2 3	326 7	326 9	0 1	99 9	999 9	999
36 8	92 3	9484 8	300 0	-41 7	-59 9	284 1	9 5	9 3	-3 6	327 6	326 9	0 1	99 9	999 9	999
39 1	96 6	10068 2	275 0	-48 7	-68 8	290 8	10 2	9 5	-4 6	329 4	326 9	0 1	99 9	999 9	999
41 5	100 2	10593 5	250 0	-51 6	-74 9	294 2	11 2	8 5	-6 2	329 4	326 9	0 1	99 9	999 9	999
44 1	106 2	11368 6	225 0	-56 5	-83 9	289 3	13 8	12 1	-8 2	332 0	326 9	0 1	99 9	999 9	999
46 6	111 5	12109 7	200 0	-59 9	-89 9	289 6	16 5	17 4	-6 2	336 0	326 9	0 1	99 9	999 9	999
50 1	117 5	12940 6	175 0	-60 6	-93 9	295 6	19 5	17 0	-6 5	350 0	326 9	0 1	99 9	999 9	999
53 8	124 0	13904 0	150 0	-60 8	-98 9	291 4	20 2	18 8	-7 4	385 4	326 9	0 1	99 9	999 9	999
58 1	131 3	15033 0	125 0	-62 9	-99 9	287 8	19 5	18 8	-6 0	381 2	326 9	0 1	99 9	999 9	999
63 7	140 0	16406 3	100 0	-64 6	-99 9	287 4	13 5	12 1	-6 0	441 1	326 9	0 1	99 9	999 9	999
71 6	150 0	18185 3	75 0	-62 9	-99 9	292 3	8 8	8 1	-3 3	505 5	326 9	0 1	99 9	999 9	999
85 3	161 3	20873 9	50 0	-58 6	-99 9	311 0	2 8	-0 7	-2 7	636 7	326 9	0 1	99 9	999 9	999
		25116 1	25 0	-51 6	-99 9	311 0	2 2	-1 7	-1 5	636 7	326 9	0 1	99 9	999 9	999

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

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG 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 RIO GM/KG	RH PCT	RANGE MM	AZ DG
00	10	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
09	99	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09	99	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
11	12	810.0	950.0	17.4	99.9	99.9	99.9	99.9	99.9	294.9	322.7	10.4	89.5	0.0	0
11	13	837.1	925.0	13.7	12.6	99.9	99.9	99.9	99.9	295.6	322.7	10.3	82.7	0.0	0
20	15	1065.0	900.0	11.3	10.1	158.4	4.2	-1.5	3.9	295.5	319.2	8.3	83.1	0.0	0
30	18	1306.3	875.0	10.2	9.2	182.2	5.1	0.2	5.1	296.9	320.0	6.6	83.7	0.0	0
39	23	1548.6	850.0	9.1	7.9	207.2	4.1	1.9	3.7	298.3	320.2	6.1	81.7	0.0	0
48	25	1796.9	825.0	7.6	6.3	209.2	4.7	2.3	4.4	299.3	319.8	7.5	91.7	0.0	0
58	28	2052.0	800.0	6.1	4.8	204.0	5.1	2.1	4.6	300.4	319.6	7.0	91.7	0.0	0
78	33	2313.3	775.0	4.6	2.6	194.8	4.2	1.1	4.1	301.6	319.3	6.2	86.9	0.0	0
88	35	2857.8	725.0	3.4	1.1	204.6	3.8	1.6	3.5	303.2	319.3	5.7	84.9	0.0	0
99	37	3142.8	700.0	2.7	-0.7	215.9	4.4	2.9	3.3	305.5	320.4	5.2	78.4	0.0	0
99	38	3436.6	675.0	0.8	-2.2	221.9	4.4	3.5	2.2	306.5	319.9	4.7	77.6	0.0	0
11	40	3738.7	650.0	-1.5	-3.2	231.0	4.1	3.3	2.8	307.3	320.8	4.2	68.4	0.0	0
12	43	4037.5	625.0	-3.5	-4.5	235.0	3.9	3.2	2.5	310.4	321.0	3.6	56.5	0.0	0
13	45	4375.1	600.0	-5.3	-6.8	237.2	3.6	3.2	2.2	311.0	320.6	3.2	48.4	0.0	0
14	48	4709.9	575.0	-6.8	-8.9	17.2	3.6	3.4	2.0	313.8	320.6	2.2	38.5	0.0	0
15	50	5058.4	550.0	-8.9	-11.6	34.1	4.4	3.2	1.9	316.0	321.2	1.6	28.2	0.0	0
16	53	5420.2	525.0	-11.6	-14.4	38.3	4.9	3.7	1.9	317.8	322.2	1.0	26.0	0.0	0
18	58	5796.4	475.0	-14.4	-17.6	33.0	5.1	3.2	1.6	318.9	322.5	0.7	26.0	0.0	0
21	63	6187.4	450.0	-17.6	-20.7	28.7	6.2	3.5	1.6	320.1	322.5	0.6	26.0	0.0	0
24	67	6595.0	425.0	-21.1	-24.9	24.7	6.7	3.5	1.6	321.9	323.9	0.6	26.0	0.0	0
26	71	7020.1	400.0	-24.4	-29.7	20.8	8.7	3.5	1.6	323.3	323.9	0.6	26.0	0.0	0
27	74	7464.4	375.0	-28.1	-32.5	16.8	11.1	3.5	1.6	324.4	324.7	0.6	26.0	0.0	0
29	78	7931.6	350.0	-31.8	-35.8	12.9	12.0	3.5	1.6	325.8	326.1	0.6	26.0	0.0	0
30	82	8422.7	325.0	-36.8	-39.8	9.9	10.9	3.4	1.6	326.0	326.2	0.6	26.0	0.0	0
32	85	8941.1	300.0	-41.0	-43.8	7.2	11.4	3.4	1.6	327.6	326.9	0.6	26.0	0.0	0
34	88	9480.4	275.0	-46.0	-47.9	4.5	11.3	3.4	1.6	328.6	327.9	0.6	26.0	0.0	0
36	90	10075.6	250.0	-51.2	-51.9	1.7	10.9	3.4	1.6	330.0	328.6	0.6	26.0	0.0	0
38	94	10702.6	225.0	-55.6	-55.6	0.0	10.7	3.3	1.6	330.0	329.9	0.6	26.0	0.0	0
39	96	11360.6	200.0	-59.1	-59.1	0.0	10.5	3.3	1.6	333.3	329.9	0.6	26.0	0.0	0
44	104	12127.2	175.0	-61.0	-61.0	0.0	10.2	3.3	1.6	339.2	329.9	0.6	26.0	0.0	0
47	109	12960.2	150.0	-61.5	-61.5	0.0	10.6	3.3	1.6	349.3	329.9	0.6	26.0	0.0	0
51	115	13917.5	125.0	-62.9	-62.9	0.0	10.6	3.3	1.6	364.2	329.9	0.6	26.0	0.0	0
55	121	15041.8	100.0	-64.8	-64.8	0.0	10.6	3.3	1.6	381.1	329.9	0.6	26.0	0.0	0
60	129	16411.6	75.0	-62.8	-62.8	0.0	10.6	3.3	1.6	402.6	329.9	0.6	26.0	0.0	0
66	137	18168.8	50.0	-59.0	-59.0	0.0	9.9	3.3	1.6	441.2	329.9	0.6	26.0	0.0	0
74	146	20682.5	25.0	-59.0	-59.0	0.0	9.9	3.3	1.6	504.2	329.9	0.6	26.0	0.0	0
87	156	25115.8	25.0	-52.9	-52.9	0.0	9.9	3.3	1.6	633.0	329.9	0.6	26.0	0.0	0

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

ORIGINAL PAGE #  
OF POOR QUALITY

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RAYGE KM	AZ DG
0 0	10 6	531 9	959 0	17 2	15 0	110 0	7 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	99 9	99 9	99 9	99 9	99 9
0 2	11 4	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
1 1	13 8	612 4	925 0	16 4	99 9	74 3	3 8	-3 7	-1 0	294 6	99 9	99 9	99 9	0 1	231
2 0	16 2	838 8	900 0	14 7	99 9	86 0	4 8	-4 8	-0 3	296 1	99 9	99 9	99 9	0 2	248
3 7	18 6	1071 6	875 0	12 9	11 7	106 1	5 4	-5 2	1 5	297 7	328 0	11 1	94 1	0 8	276
4 7	21 0	1309 8	850 0	11 8	10 3	108 3	6 8	-3 9	4 0	298 5	322 6	10 0	90 3	1 0	292
5 6	23 4	1553 3	825 0	10 0	8 6	187 4	8 2	-1 4	6 7	299 2	322 3	9 5	90 7	1 2	313
6 6	25 8	1803 3	800 0	8 8	7 9	187 7	7 8	1 1	7 8	300 3	322 2	8 4	95 7	1 5	327
7 5	28 4	2059 1	775 0	6 8	6 1	196 1	6 0	1 7	5 7	301 1	322 1	7 0	95 1	1 8	338
8 5	31 0	2321 6	750 0	5 0	4 3	209 6	5 7	2 8	5 0	302 0	321 3	6 3	95 0	2 1	343
9 7	33 6	2580 7	725 0	3 2	2 4	214 2	5 2	2 9	4 3	303 0	320 6	5 0	94 6	2 3	350
10 6	36 2	2867 2	700 0	1 6	-2 1	219 9	4 5	2 2	4 0	304 5	317 9	4 7	94 5	2 5	355
11 8	38 9	3151 5	675 0	-0 1	-2 8	223 6	4 7	3 0	3 6	305 6	319 5	4 9	85 9	2 8	358
12 9	41 6	3444 2	650 0	-1 3	-2 8	253 2	4 7	4 5	1 4	307 5	321 4	4 8	89 5	3 0	3 9
14 1	44 3	3746 5	625 0	-4 5	-10 4	268 7	3 9	2 9	0 4	308 9	320 6	4 0	81 1	3 0	9
15 3	47 1	4038 4	600 0	-6 0	-12 2	283 0	2 4	2 0	1 3	311 0	319 7	2 9	63 1	3 1	12
16 5	50 0	4381 2	575 0	-7 0	-17 8	197 0	2 3	0 7	2 2	313 0	321 0	1 7	61 2	3 2	13
18 0	53 0	4715 2	550 0	-9 2	-18 6	118 0	1 2	0 7	0 6	315 7	321 2	1 2	41 9	3 2	13
19 5	56 0	5062 8	525 0	-11 7	-22 6	345 1	2 6	2 8	-3 5	318 8	320 9	0 6	19 5	3 0	18
21 1	59 0	5424 5	500 0	-14 9	-30 3	321 9	4 5	4 1	-4 1	319 6	322 4	0 3	18 9	2 8	27
22 7	62 1	6190 8	475 0	-18 1	-37 1	304 3	5 8	4 1	-3 2	320 5	321 8	0 2	18 9	2 8	38
24 5	65 3	6597 7	450 0	-20 4	-43 3	320 6	6 4	4 1	-4 9	322 9	323 6	0 2	11 0	2 8	52
26 5	68 7	7022 6	425 0	-23 7	-45 7	325 8	7 2	4 1	-5 9	324 2	324 4	0 2	11 0	2 8	57
28 6	72 1	7466 1	400 0	-28 5	-51 7	315 3	9 0	6 3	-6 4	325 9	324 4	0 1	12 6	3 3	85
30 8	75 7	7928 1	375 0	-33 3	-58 4	310 2	10 3	7 8	-6 6	326 6	325 6	0 1	12 6	4 3	97
32 3	79 1	8428 5	325 0	-36 3	-64 7	297 3	10 8	6 7	-6 6	327 6	326 6	0 1	12 6	5 4	106
34 0	82 6	8945 0	300 0	-41 0	-71 9	287 3	11 9	10 5	-6 5	328 6	326 6	0 1	99 9	6 4	109
35 0	86 8	9495 0	275 0	-45 9	-78 9	289 2	15 2	14 3	-5 5	329 6	326 6	0 1	99 9	7 4	110
39 0	91 0	10080 4	250 0	-49 5	-85 9	289 2	22 4	21 2	-5 0	330 6	326 6	0 1	99 9	8 6	110
41 9	95 4	10710 4	225 0	-53 9	-92 9	287 9	25 6	24 3	-7 2	331 6	326 6	0 1	99 9	9 6	110
45 1	100 2	11393 5	200 0	-57 9	-99 9	289 2	23 6	22 3	-7 9	332 5	326 6	0 1	99 9	10 7	110
48 8	105 2	12139 5	175 0	-60 0	-106 9	289 2	21 5	19 9	-8 0	333 5	326 6	0 1	99 9	11 8	109
52 3	110 6	12965 2	150 0	-63 4	-113 9	291 9	23 6	22 3	-8 9	334 5	326 6	0 1	99 9	12 9	109
56 4	116 5	13916 6	125 0	-63 2	-120 9	292 7	23 1	21 3	-9 9	335 3	326 6	0 1	99 9	14 0	109
61 0	123 0	15038 1	100 0	-64 5	-127 9	297 0	21 9	19 5	-9 9	336 3	326 6	0 1	99 9	15 1	110
66 7	130 7	16408 6	75 0	-64 5	-134 9	303 3	13 7	11 5	-7 5	403 2	326 6	0 1	99 9	16 2	112
73 8	139 3	18185 0	50 0	-63 4	-141 9	301 2	7 7	6 8	-4 0	439 9	326 6	0 1	99 9	17 3	113
84 0	149 0	20857 1	25 0	-62 7	-148 9	3 4	4 1	-0 2	-4 1	495 8	326 6	0 1	99 9	18 4	113
101 6	159 5	23049 4	25 0	-53 1	-155 9	99 9	99 9	99 9	99 9	632 3	326 6	0 1	99 9	19 5	117

\* 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 0 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL RECORD  
OF POOR QUALITY

STATION NO 6  
ABILENE, TEXAS  
2 MAY 1982  
503 GMT

TIME MIN	QNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG 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 TO 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 0
99 9	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999
0 3	11 7	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999
1 1	14 1	818 5	950 0	17 1*	15 7	114 2	7 3	-6 6	3 0	294 5	327 8	12 2	999 9	0 2	269
2 1	16 6	1079 3	900 0	16 1	15 7	123 9	7 5	-6 3	4 2	295 8	327 8	12 2	999 9	0 2	288
4 0	19 7	1217 3	900 0	14 5	12 3	132 2	7 1	-5 7	4 7	295 4	326 1	10 4	96 9	0 9	299
5 0	21 7	1561 1	850 0	12 8	10 8	146 7	6 0	-5 7	5 1	297 0	324 5	9 7	97 0	1 2	304
6 1	24 3	1810 4	825 0	9 4	9 1	168 4	7 0	-3 1	6 9	297 9	323 7	8 9	97 8	1 5	312
7 1	26 9	2065 4	800 0	7 4	7 1	189 5	7 9	-1 3	7 8	288 5	323 7	8 9	96 1	1 8	322
8 1	29 0	2328 6	775 0	5 7	5 0	203 5	7 3	3 3	8 5	299 1	320 7	8 0	97 8	2 1	333
9 4	32 2	2595 3	750 0	4 8	4 1	208 6	7 3	2 9	9 1	299 9	319 4	7 1	95 2	2 4	342
10 7	34 9	2871 2	725 0	2 7	2 4	214 6	5 6	3 2	9 3	301 8	320 9	6 9	95 2	2 8	348
11 8	37 6	3154 9	700 0	1 0	-1 7	216 0	4 3	2 5	4 7	302 5	320 1	6 3	97 8	3 1	354
12 8	40 6	3446 5	675 0	-1 0	-3 6	247 0	3 2	3 0	3 5	303 8	317 3	4 8	82 1	3 4	358
13 9	46 3	3747 2	650 0	-2 2	-5 6	256 3	3 0	3 9	1 3	304 6	317 3	4 4	82 2	3 6	4
15 1	49 3	4058 4	625 0	-3 6	-8 0	243 7	3 6	3 2	0 9	306 5	317 9	3 4	77 4	3 6	1
16 4	52 3	4380 1	600 0	-5 4	-10 6	220 4	2 4	2 0	2 4	309 9	318 5	2 2	71 9	3 7	8
17 8	55 5	4713 8	575 0	-7 1	-14 3	241 5	2 4	2 1	2 1	312 7	319 5	2 2	67 0	3 7	10
19 0	58 9	5061 3	550 0	-9 7	-20 2	319 3	2 4	1 6	1 9	315 6	320 1	1 4	52 4	4 1	14
20 3	62 0	5422 1	525 0	-12 3	-25 3	328 9	1 5	2 1	-1 9	318 7	320 8	0 7	34 3	4 1	16
21 7	65 4	5796 7	500 0	-15 6	-32 1	323 3	4 7	3 0	-4 2	318 1	320 8	0 7	26 7	3 7	20
23 1	68 9	6186 3	475 0	-18 0	-39 1	321 3	3 8	3 0	-3 7	318 4	319 8	0 4	17 1	3 5	27
24 8	72 3	6592 4	450 0	-21 1	-42 2	331 5	4 7	1 9	-3 4	320 6	321 3	0 2	9 9	3 2	38
26 5	76 1	7462 2	425 0	-24 4	-47 4	311 4	3 8	2 1	-3 1	322 0	322 6	0 2	9 9	3 2	38
28 0	79 7	7928 4	400 0	-28 4	-50 3	316 8	4 7	3 5	-3 1	323 7	323 7	0 1	10 1	3 1	45
29 8	83 6	8419 1	375 0	-32 4	-52 5	311 3	7 2	4 7	-5 0	324 0	324 4	0 1	10 1	3 2	55
31 8	87 7	8937 1	325 0	-36 5	-55 8	301 5	9 7	5 4	-4 7	325 1	325 4	0 1	11 3	3 4	67
33 8	91 8	9486 0	300 0	-41 5	-59 9	288 7	11 5	7 4	-4 5	326 2	326 4	0 1	11 6	4 0	80
36 1	96 2	10072 3	275 0	-44 6	-64 6	287 8	19 0	10 9	-3 7	326 9	326 9	99 9	999 9	5 0	87
38 5	101 0	10704 6	250 0	-49 0	-69 9	288 5	25 0	18 1	-3 8	330 7	326 9	99 9	999 9	5 9	92
41 2	105 8	11388 4	225 0	-54 5	-74 9	286 5	25 1	23 7	-5 8	333 2	326 9	99 9	999 9	10 1	98
44 1	111 2	12128 6	200 0	-61 2*	-81 2	286 5	25 0	24 0	-7 1	335 1	326 9	99 9	999 9	14 2	101
47 0	117 0	12852 5	175 0	-62 6	-86 6	288 6	25 0	23 7	-8 0	335 9	326 9	99 9	999 9	18 4	104
50 8	123 0	13603 8	150 0	-62 1	-89 9	291 6	20 7	19 3	-7 6	348 3	326 9	99 9	999 9	22 4	104
55 0	139 0	15025 4	125 0	-64 5	-93 9	292 7	17 1	20 1	-8 4	363 2	326 9	99 9	999 9	27 2	105
59 8	137 7	16362 3	100 0	-66 6	-99 9	293 6	12 5	15 6	-6 8	378 2	326 9	99 9	999 9	32 2	106
65 9	146 5	18133 0	75 0	-64 8	-99 9	295 4	9 0	11 5	-5 0	399 0	326 9	99 9	999 9	36 1	107
74 5	157 0	20817 8	50 0	-61 3	-99 9	299 5	5 0	8 1	-3 9	437 1	326 9	99 9	999 9	40 1	108
87 3	167 5	25012 0	25 0	-53 5	-99 9	228 9	4 0	4 3	-2 4	499 0	326 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

Y 49

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 7 ENNIS, TEXAS															105	178	0
1 MAY 1982																	
1 1157 GMT																	
TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U. COMP M/SEC	V. COMP M/SEC	POT I 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 0	7 1	170.2	1000.0	16.9*	99.9	61.7	8.0	-7.1	-3.8	297.1	999.9	99.9	999.9	0.0	223		
0 9	9 4	388.2	975.0	16.7	14.9	72.4	7.5	-7.2	-2.3	292.0	320.5	11.0	89.2	0.0	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	0.0	250		
2 7	14 1	836.3	925.0	16.1	11.3	98.0	7.4	-7.3	0.0	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	295.8	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	-4.4	1.7	298.2	320.5	8.2	93.1	2.1	278		
7 1	26 4	2054.3	800.0	7.8	6.7	115.3	4.4	-4.4	2.4	298.5	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 6	31 5	2587.6	750.0	3.4	2.2	150.9	5.7	-2.6	5.0	300.3	317.0	6.0	92.0	2.7	285		
9 4	34 1	2857.3	725.0	1.8	0.7	183.2	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	84.8	999.9	999		
14 6	47 7	4356.2	600.0	-7.3	-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	-9.5	-8.6	999.9	99.9	99.9	99.9	311.5	321.9	3.5	91.8	999.9	999		
16 9	53 5	5035.1	550.0	-11.9	-10.0	999.9	99.9	99.9	99.9	312.8	322.2	2.6	89.5	2.0	359		
18 2	56 5	5393.4	525.0	-14.4	-13.2	300.2	8.0	6.9	-4.4	314.2	322.2	2.0	89.5	2.0	359		
19 4	59 6	5785.4	500.0	-17.0	-17.1	292.6	6.6	6.1	-2.6	315.4	321.7	2.0	80.1	1.9	28		
20 6	62 6	6152.7	475.0	-19.9	-20.7	271.3	4.5	4.5	-0.1	316.6	321.6	1.5	72.9	1.9	28		
22 1	65 9	6556.4	450.0	-23.0	-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	-26.0	-27.9	196.6	2.8	0.6	2.7	319.5	322.6	0.9	64.0	2.3	32		
24 6	72 6	7420.2	400.0	-29.7	-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	7863.9	375.0	-33.9	-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	-38.2	-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	-44.5	-44.5	170.4	6.8	-1.1	6.7	323.0	324.8	0.2	51.3	2.7	20		
31 1	87 4	9433.1	300.0	-47.0	-47.0	204.4	4.3	1.8	3.8	326.3	999.9	99.9	999.9	2.9	12		
33 1	91 5	10015.7	275.0	-51.9	-51.9	195.4	4.2	0.8	2.2	327.2	999.9	99.9	999.9	4.2	14		
35 1	95 6	10640.0	250.0	-57.4	-57.4	58.9	4.2	-3.8	-2.2	328.9	999.9	99.9	999.9	4.3	12		
37 2	100 4	11314.3	225.0	-62.8	-62.8	31.1	7.3	-3.8	-6.2	330.6	999.9	99.9	999.9	4.3	12		
39 3	105 4	12048.2	200.0	-67.4	-67.4	99.9	99.9	99.9	99.9	333.4	999.9	99.9	999.9	4.3	12		
41 9	109 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	4.3	12		
43 9	113 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	4.3	12		
45 9	117 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	4.3	12		
47 9	121 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	4.3	12		
49 9	125 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	4.3	12		
51 9	129 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	4.3	12		
53 9	133 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	4.3	12		

\* BY SPEED MEANS ELEVATION 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  
1400 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	M/SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTG GM/KG	RH PCT	RANGE NM	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
0 1	7 0	178 6	1000 0	16 9*	99 9	37 0	3 8	-2 3	-3 1	290 9	999 9	99 9	99 9	0 1	161
0 9	9 2	394 6	975 0	16 1	14 9	88 0	4 3	-4 0	-1 6	291 3	319 8	11 0	93 1	0 2	186
1 7	11 5	618 3	950 0	15 7	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 6	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 0	322 9	11 0	93 6	0 7	275
4 2	18 4	1214 7	875 0	12 6	11 5	120 4	5 1	-4 4	2 0	296 9	322 9	9 8	92 8	1 0	281
5 1	20 6	1357 9	850 0	11 0	9 9	115 6	5 4	-4 8	2 3	297 7	322 0	8 3	92 6	1 3	285
6 0	23 2	1806 9	825 0	9 2	8 1	125 5	5 0	-4 0	4 6	298 4	320 7	6 3	92 6	1 5	287
6 9	25 7	2061 8	800 0	7 5	6 1	160 7	4 9	-1 6	5 6	299 1	319 0	5 0	86 9	1 7	292
7 7	28 1	2322 4	775 0	5 9	4 8	184 4	5 6	0 4	5 6	300 2	312 6	3 9	66 3	1 9	300
8 6	30 6	2590 8	750 0	4 8	3 1	193 0	6 1	1 8	5 8	301 6	312 6	3 0	54 1	2 0	309
9 7	33 1	2868 0	725 0	2 5	-4 0	196 8	6 3	1 8	5 7	302 2	311 0	3 2	47 6	2 2	317
10 7	35 7	3148 9	700 0	0 3	-7 3	204 3	7 0	3 9	5 9	302 8	312 0	3 2	56 7	2 4	325
11 6	38 3	3439 7	675 0	-1 4	-4 2	213 4	7 7	6 1	4 7	304 1	313 3	3 3	62 0	2 6	332
12 9	40 9	3739 7	650 0	-2 7	-4 2	222 4	6 3	5 8	2 2	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	3 7	3 7	-0 2	308 4	320 8	4 4	90 1	2 9	352
15 0	46 3	4373 3	600 0	-5 4	-6 3	272 8	4 0	2 2	-3 4	311 7	322 6	3 6	92 4	2 9	359
16 0	49 1	4706 5	575 0	-7 0	-8 1	322 0	6 0	1 9	-5 7	313 7	322 1	3 1	85 4	2 2	364
17 1	52 0	5052 5	550 0	-8 8	-10 7	342 0	5 7	2 1	-5 3	314 9	322 2	2 9	77 9	2 2	368
18 2	54 9	5411 6	525 0	-11 3	-12 1	336 3	4 5	2 6	-3 7	315 9	322 2	2 0	71 9	1 9	372
19 4	57 6	5784 4	500 0	-14 1	-17 1	324 6	3 0	2 9	-0 6	317 3	322 3	1 2	62 2	1 8	377
20 6	60 9	6171 6	475 0	-16 7	-20 5	282 6	2 4	2 4	-0 3	319 2	323 7	0 9	56 9	2 0	381
21 9	64 0	6576 3	450 0	-18 1	-24 5	261 9	1 2	2 2	-0 4	320 7	323 0	0 7	51 2	2 0	384
23 2	67 3	6999 6	425 0	-22 1	-27 9	289 8	1 0	1 2	-0 8	321 5	324 0	0 6	46 5	2 2	388
24 7	70 6	7442 6	400 0	-25 8	-30 8	324 9	1 5	0 6	-0 9	323 1	325 4	0 4	41 2	2 2	392
26 1	74 0	7906 7	375 0	-29 1	-34 1	333 9	1 5	1 2	-0 9	324 1	325 4	0 4	36 5	2 2	395
27 6	77 6	8395 8	350 0	-33 2	-38 7	190 2	4 4	0 8	-0 8	324 1	325 4	0 2	31 0	2 2	398
29 4	81 3	8912 3	325 0	-37 3	-43 7	190 7	5 5	5 1	-2 0	325 2	326 1	0 2	26 7	2 2	401
31 1	85 3	9460 6	300 0	-41 2	-49 9	291 5	6 8	4 3	-5 2	327 4	999 9	99 9	21 9	2 7	404
33 0	89 3	10045 5	275 0	-45 9	-55 9	320 3	8 5	2 0	-6 2	328 7	999 9	99 9	16 5	2 7	407
34 8	93 6	10672 2	250 0	-51 3	-63 9	341 7	8 5	2 4	-7 6	329 9	999 9	99 9	11 8	2 8	410
36 6	98 2	11347 9	225 0	-57 3	-71 9	341 7	8 0	2 4	-8 1	330 7	999 9	99 9	9 9	2 8	413
38 1	102 4	12083 4	200 0	-60 0	-76 0	17 5	5 5	-0 6	-5 4	335 9	999 9	99 9	9 9	2 8	416
41 1	108 4	12917 6	175 0	-62 0	-81 2	6 2	10 1	8 1	-8 1	351 0	999 9	99 9	9 9	2 8	419
43 6	114 2	13882 3	150 0	-64 7	-86 9	307 0	14 2	12 8	-8 2	367 3	999 9	99 9	9 9	2 8	422
46 9	120 7	15020 3	125 0	-67 4	-92 9	285 8	14 6	14 2	-4 3	383 9	999 9	99 9	9 9	2 8	425
50 7	128 0	16396 4	100 0	-69 6	-95 9	282 0	13 9	13 5	-2 9	405 8	999 9	99 9	9 9	2 8	428
55 6	136 7	18164 3	75 0	-64 5	-98 9	300 9	9 9	8 5	-5 1	437 8	999 9	99 9	9 9	2 8	431
62 0	146 5	20880 1	50 0	-58 2	-99 9	255 2	2 7	2 6	0 7	511 2	999 9	99 9	9 9	2 8	434
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	9 9	2 8	437

\* BY SPEED MEANS ELEVATION 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  
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	MX RTD GM/KG	RH PCT	RANGE NM	AZ DG
00	0	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
01	0.5	190.8	1000.0	17.2	15.7	49.7	6.4	-4.9	-4.1	290.4	319.4	11.3	90.7	0.0	314
02	0.7	406.7	975.0	15.7	13.5	74.3	8.6	-8.3	-2.3	291.0	318.9	10.0	86.6	0.0	255
03	1.0	627.7	950.0	15.7	10.7	91.3	6.1	-6.1	0.1	293.1	315.7	8.6	72.2	0.0	255
04	1.3	854.5	925.0	15.8	5.8	166.9	3.5	-0.8	3.4	295.5	312.6	6.3	51.5	0.0	262
05	1.6	1087.1	900.0	15.1	6.1	207.7	4.9	-2.3	4.3	297.5	315.0	6.6	55.2	0.0	275
06	1.8	1324.7	875.0	13.1	3.0	216.7	6.1	3.6	4.9	297.5	312.4	5.4	50.0	0.0	294
07	2.0	1566.1	850.0	11.7	1.7	223.1	7.0	4.8	4.1	298.8	312.7	5.1	50.1	0.0	318
08	2.2	1817.0	825.0	9.7	1.9	228.2	7.5	5.6	5.0	299.2	313.6	5.3	58.4	0.0	341
09	2.5	2071.8	800.0	7.6	2.3	235.6	7.7	6.4	4.3	299.5	314.4	5.7	69.2	0.0	371
10	2.8	2332.7	775.0	5.2	1.0	245.4	8.4	7.6	3.5	300.8	314.4	4.6	73.4	0.0	402
11	3.0	2600.2	750.0	3.8	-0.5	249.3	8.1	7.6	2.9	300.8	314.6	4.6	73.4	0.0	432
12	3.3	2875.1	725.0	2.0	-0.0	247.9	6.3	5.8	2.4	301.6	316.5	5.3	66.7	0.0	462
13	3.5	3158.3	700.0	0.9	-0.2	253.7	3.4	3.3	1.0	303.4	318.7	5.4	62.0	0.0	492
14	3.8	3450.1	675.0	-0.3	-0.1	281.2	1.8	1.7	-0.3	305.3	320.4	5.3	94.7	0.0	522
15	4.0	3752.2	650.0	-2.2	-2.0	289.4	2.1	1.9	-0.7	307.6	322.3	5.1	94.7	0.0	552
16	4.3	4084.3	625.0	-3.3	-4.0	283.3	2.7	2.6	-0.6	308.7	321.9	4.5	94.7	0.0	582
17	4.6	4386.7	600.0	-5.0	-5.9	352.55	2.0	0.3	-3.4	310.3	322.4	4.1	93.5	0.0	612
18	4.9	4720.5	575.0	-7.0	-9.5	16.99	3.5	-1.0	-4.8	311.8	321.6	3.2	82.4	0.0	642
19	5.2	5066.0	550.0	-9.4	-14.7	348.6	4.4	0.9	-4.8	313.0	319.8	2.2	65.1	0.0	672
20	5.4	5424.5	525.0	-11.6	-15.3	334.3	5.3	2.8	-4.8	314.5	321.4	2.2	73.7	0.0	702
21	5.7	5797.5	500.0	-13.6	-18.6	324.9	4.9	2.8	-4.8	316.5	323.0	2.1	76.8	0.0	732
22	6.0	6185.8	475.0	-15.1	-20.2	319.7	2.6	1.8	-2.2	318.0	323.1	1.9	70.5	0.0	762
23	6.3	6590.5	450.0	-16.3	-23.7	292.8	2.6	2.4	-1.0	318.0	323.2	1.7	67.7	0.0	792
24	6.6	7013.6	425.0	-18.3	-26.7	290.9	4.7	3.8	-1.4	320.7	323.2	1.6	62.3	0.0	822
25	6.9	7456.8	400.0	-22.1	-30.4	293.6	4.7	4.3	-1.9	322.2	323.3	1.5	57.5	0.0	852
26	7.2	7922.2	375.0	-28.9	-38.8	292.3	3.8	3.5	-1.4	323.4	324.7	1.4	52.9	0.0	882
27	7.5	8411.7	350.0	-33.1	-49.9	278.1	4.0	4.2	-0.6	324.2	324.6	1.3	47.4	0.0	912
28	7.8	8928.9	325.0	-37.3	-54.2	332.6	4.7	4.2	-0.2	325.3	325.6	1.2	42.0	0.0	942
29	8.1	9477.5	300.0	-41.1	-59.9	10.9	7.5	-1.4	-7.3	327.4	325.3	1.1	36.5	0.0	972
30	8.4	10063.2	275.0	-45.7	-69.9	16.1	8.9	-1.0	-8.9	329.1	325.3	1.0	31.0	0.0	1002
31	8.7	10690.0	250.0	-51.1	-79.9	11.4	9.8	-0.2	-9.6	330.2	325.3	0.9	25.5	0.0	1032
32	9.0	11367.2	225.0	-56.4	-89.9	342.5	12.0	3.6	-13.0	332.2	325.3	0.8	19.9	0.0	1062
33	9.3	12106.8	200.0	-60.4	-99.9	324.8	15.9	9.2	-13.0	333.2	325.3	0.7	14.0	0.0	1092
34	9.6	12937.6	175.0	-58.6	-99.9	307.4	13.8	11.0	-13.0	337.2	325.3	0.6	8.0	0.0	1122
35	9.9	13900.5	150.0	-58.8	-99.9	291.4	11.6	12.9	-13.0	351.6	325.3	0.5	2.0	0.0	1152
36	10.2	15041.1	125.0	-60.6	-99.9	285.4	10.2	15.6	-13.0	367.1	325.3	0.4	0.0	0.0	1182
37	10.5	16416.6	100.0	-60.9	-99.9	291.1	10.2	17.8	-13.0	385.4	325.3	0.3	0.0	0.0	1212
38	10.8	18192.4	75.0	-62.5	-99.9	291.6	8.1	17.5	-13.0	401.9	325.3	0.2	0.0	0.0	1242
39	11.1	20119.5	50.0	-69.0	-99.9	20.8	2.6	-0.9	-2.0	504.6	325.3	0.1	0.0	0.0	1272
40	11.4	25145.9	25.0	-51.6	-99.9	82.1	2.0	-2.0	-0.3	638.5	325.3	0.0	0.0	0.0	1302

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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 7  
ENNIS, TEXAS  
1 MAY 1982  
2002 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP CG C	DEM FT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00	00	149.7	1003.4	20.5	17.4	00	0.0	0.0	0.0	292.6	325.4	17.6	85.0	0.0	0.0
01	04	179.0	1000.0	18.9	99.9	25.1	0.8	-0.4	0.0	292.6	999.9	99.9	999.9	0.0	324.0
06	06	395.6	975.0	16.6	147.7	84.2	2.8	-2.6	-0.3	292.2	999.9	10.9	999.9	0.0	1256.0
17	11	617.5	950.0	16.6	107.7	110.0	4.3	-4.0	1.5	284.0	316.7	8.6	66.3	0.0	2266.0
28	13	844.6	925.0	14.7	8.1	139.8	3.8	-2.5	2.9	284.0	317.5	8.1	65.3	0.0	286.0
35	18	1077.4	900.0	12.8	9.6	185.2	3.8	-1.0	3.7	295.6	317.5	7.6	65.2	0.0	300.0
44	19	1315.1	875.0	11.3	15.2	172.8	5.2	-0.7	5.1	297.1	314.5	6.4	59.7	0.0	314.0
54	21	1558.4	825.0	9.0	3.6	189.6	5.0	0.8	4.9	298.0	314.5	6.4	59.0	1.0	325.0
63	24	1807.0	800.0	7.1	4.4	205.7	4.1	1.8	3.7	298.7	315.7	6.4	72.9	1.2	335.0
72	27	2061.5	775.0	5.4	5.1	220.5	4.4	2.4	2.8	298.7	317.6	6.9	87.4	1.3	343.0
83	29	2322.3	750.0	3.7	3.3	231.5	5.4	4.2	3.3	299.6	316.9	6.3	80.4	1.5	351.0
92	32	2590.2	725.0	1.8	1.3	230.1	7.6	5.8	4.9	300.6	316.3	5.6	84.6	1.7	351.0
101	35	2865.0	700.0	0.0	-0.5	999.9	9.9	9.9	9.9	301.5	315.9	5.1	84.6	2.0	351.0
111	38	3148.0	700.0	0.2	-0.1	999.9	9.9	9.9	9.9	303.1	318.5	5.4	95.0	2.0	351.0
123	41	3439.9	675.0	-0.2	-0.8	999.9	9.9	9.9	9.9	305.5	320.8	5.4	95.5	2.0	351.0
133	43	3741.6	650.0	-1.0	-4.5	999.9	9.9	9.9	9.9	308.8	319.1	4.2	82.2	2.0	351.0
145	46	4053.2	625.0	-3.4	-6.6	999.9	9.9	9.9	9.9	308.8	319.6	3.7	78.7	3.1	351.0
156	49	4375.4	600.0	-5.1	-6.9	999.9	9.9	9.9	9.9	311.2	321.5	3.8	79.5	3.1	351.0
169	52	4708.7	575.0	-7.5	-10.5	123.2	1.8	-1.4	0.0	311.2	320.2	3.0	79.5	3.0	351.0
183	56	5053.6	550.0	-9.3	-14.2	148.8	2.3	-1.7	-1.5	311.0	320.2	2.3	87.7	3.0	351.0
197	59	5412.8	525.0	-11.3	-13.5	355.4	2.3	0.2	-2.3	313.0	320.2	2.6	83.6	2.7	351.0
210	62	5785.7	500.0	-13.7	-13.5	304.4	4.4	3.6	-2.5	314.8	322.8	2.6	83.6	2.7	351.0
224	65	6173.8	475.0	-16.5	-17.8	283.9	6.3	5.8	-2.6	316.3	322.8	1.9	84.7	3.1	351.0
240	68	6578.3	450.0	-19.4	-18.4	999.9	9.9	9.9	9.9	317.6	323.6	1.9	84.7	3.1	351.0
256	72	7000.6	425.0	-22.4	-27.7	999.9	9.9	9.9	9.9	318.8	321.4	0.3	82.0	4.1	351.0
273	76	7443.5	400.0	-25.3	-28.3	999.9	9.9	9.9	9.9	322.1	322.7	0.2	82.0	4.1	351.0
290	80	7908.8	375.0	-29.1	-35.7	279.2	7.2	7.1	-1.2	322.1	323.6	0.1	82.0	4.1	351.0
307	83	8398.5	350.0	-32.9	-52.7	315.5	5.2	3.7	-3.7	323.2	324.8	0.1	82.0	4.1	351.0
324	87	8918.3	325.0	-36.7	-56.2	322.1	6.1	3.8	-4.8	325.2	326.4	0.1	82.0	4.1	351.0
346	92	9485.3	300.0	-41.4	-58.9	329.2	7.1	4.3	-6.0	328.4	328.4	0.1	82.0	4.1	351.0
368	96	10078.9	275.0	-48.2	-58.9	329.2	8.4	4.3	-7.2	328.4	328.4	0.1	82.0	4.1	351.0
390	100	10678.9	250.0	-51.2	-58.9	317.3	11.2	7.8	-8.3	329.9	329.9	0.1	82.0	4.1	351.0
414	105	11354.2	225.0	-56.1	-58.9	302.4	13.0	11.0	-10.0	332.0	329.9	0.1	82.0	4.1	351.0
434	110	12092.2	200.0	-61.8	-58.9	303.0	16.8	13.9	-9.0	334.8	329.9	0.1	82.0	4.1	351.0
450	116	12874.7	175.0	-62.8	-58.9	300.5	19.8	17.1	-10.0	346.3	329.9	0.1	82.0	4.1	351.0
469	121	13874.9	150.0	-59.6	-58.9	289.0	17.3	16.3	-5.6	367.3	329.9	0.1	82.0	4.1	351.0
492	128	15005.6	125.0	-61.7	-58.9	286.3	16.8	16.1	-4.7	406.8	329.9	0.1	82.0	4.1	351.0
520	134	16382.7	100.0	-62.6	-58.9	286.2	13.5	12.9	-3.8	439.9	329.9	0.1	82.0	4.1	351.0
550	141	18148.5	75.0	-63.5	-58.9	284.0	10.3	10.0	-2.5	459.9	329.9	0.1	82.0	4.1	351.0
586	148	20652.9	50.0	-58.8	-58.9	331.8	3.6	1.7	-3.2	505.0	329.9	0.1	82.0	4.1	351.0
790	158	25062.7	25.0	-52.5	-58.9	57.4	4.4	-3.4	-2.2	633.9	329.9	0.1	82.0	4.1	351.0

\* 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 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  
2301 GMT

TIME MIN	ONTCY	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG 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 TO GM/KG	RH PCT	RANGE KM	AZ DG
00	03	149.7	1002.1	20.0	16.2	80.0	0.4	-0.4	-0.1	293.6	323.9	11.7	76.0	0.0	0
01	05	167.8	1000.	20.2	16.0	81.1	0.9	-0.9	0.3	293.3	323.4	11.6	77.2	0.0	338
02	08	385.7	975.	17.3	13.9	96.7	2.4	-2.3	0.3	292.6	319.5	10.3	80.7	0.0	272
03	11	607.5	950.0	16.4	11.6	111.7	2.4	-2.2	0.9	293.0	317.7	9.1	73.0	0.3	281
04	13	834.1	925.0	14.6	10.8	146.7	2.4	-1.3	2.8	294.2	317.7	8.9	78.3	0.4	287
05	15	1066.1	900.0	14.4	9.3	187.9	2.9	-0.6	2.8	295.4	318.3	8.2	71.3	0.5	303
06	18	1303.0	875.0	12.7	7.9	178.2	3.7	0.7	2.7	297.0	317.7	7.7	72.7	0.6	318
07	20	1547.2	850.0	11.4	6.3	198.2	4.7	1.2	2.6	298.1	317.3	6.4	70.5	0.8	329
08	23	1796.3	825.0	9.7	4.5	204.7	4.7	1.6	2.6	298.9	316.5	6.4	70.0	0.9	341
09	25	2051.3	800.0	7.6	2.9	221.4	4.5	1.6	2.5	299.3	318.2	6.6	68.9	1.0	344
10	28	2312.6	775.0	5.8	1.3	235.6	4.9	3.7	2.9	300.9	318.3	6.3	67.4	1.1	355
11	30	2580.7	750.0	4.0	0.4	239.4	5.7	4.9	2.9	300.9	318.3	6.3	67.4	1.1	355
12	33	2856.2	725.0	2.7	-3.5	250.1	6.4	6.0	2.2	302.4	314.1	4.1	62.9	1.5	16
13	36	3139.2	700.0	0.4	-0.6	277.8	5.0	5.0	-0.7	303.0	317.8	5.1	63.8	1.7	29
14	38	3431.1	675.0	-1.0	-1.5	311.7	3.5	2.6	-2.3	304.5	319.0	4.9	95.3	1.7	38
15	41	3732.5	650.0	-3.6	-5.8	327.6	1.5	0.8	-1.3	306.8	320.8	4.0	84.8	1.7	44
16	44	4043.6	625.0	-6.1	-7.0	335.5	0.3	0.3	0.4	308.3	320.0	3.8	93.4	1.7	44
17	47	4364.9	600.0	-9.3	-10.7	293.5	2.9	2.7	-1.2	311.4	320.3	2.9	76.8	1.7	47
18	50	4698.2	575.0	-13.2	-13.2	268.9	5.0	4.8	-1.6	313.1	320.8	2.5	72.8	1.9	55
19	53	5043.6	550.0	-16.8	-15.6	291.6	5.3	4.9	-1.6	314.5	321.3	2.2	71.7	2.1	64
20	56	5402.3	525.0	-19.4	-17.8	285.0	6.1	5.0	-1.6	315.4	321.4	1.9	75.4	2.5	72
21	59	5774.3	500.0	-16.7	-14.4	283.9	6.3	6.0	-2.5	317.4	321.7	1.3	61.5	3.0	77
22	01	6161.3	475.0	-19.4	-22.4	283.9	6.3	6.5	-2.5	318.0	322.1	1.0	52.7	3.3	83
23	04	6565.8	450.0	-22.2	-26.6	274.5	6.4	6.4	-1.3	320.6	322.9	0.7	45.6	4.5	88
24	07	6986.5	425.0	-25.1	-30.7	278.6	8.5	8.1	-2.4	322.3	324.3	0.6	46.2	5.2	88
25	10	7431.7	400.0	-28.4	-33.3	286.5	8.8	7.9	-3.9	324.0	325.5	0.4	41.7	5.9	91
26	13	7897.0	375.0	-32.8	-41.7	296.5	9.6	7.6	-6.0	324.5	325.5	0.3	40.2	6.7	95
27	16	8387.4	350.0	-37.2	-46.1	308.2	9.6	7.0	-5.4	325.4	326.1	0.2	38.7	7.5	100
28	19	8904.6	325.0	-42.1	-51.9	307.9	8.9	7.8	-4.6	326.0	326.1	0.2	38.7	8.4	102
29	22	9451.7	300.0	-46.5	-56.9	300.7	9.0	7.8	-4.3	326.0	326.1	0.2	38.7	9.6	104
30	25	10034.7	275.0	-52.1	-62.5	290.3	12.4	11.6	-5.9	327.8	326.1	0.2	38.7	11.5	105
31	28	10659.5	250.0	-56.6	-68.2	288.8	15.8	15.0	-5.1	328.6	326.1	0.2	38.7	13.6	106
32	31	11334.6	225.0	-60.9	-73.9	288.8	18.2	16.6	-7.5	331.9	326.1	0.2	38.7	16.0	106
33	34	12074.5	200.0	-63.8	-79.9	294.2	19.8	18.2	-7.3	336.3	326.1	0.2	38.7	18.6	108
34	37	12868.3	175.0	-61.0	-86.8	292.0	20.5	20.6	-9.1	344.7	326.1	0.2	38.7	22.4	108
35	40	13852.6	150.0	-62.7	-93.9	292.0	22.1	20.6	-9.1	354.0	326.1	0.2	38.7	26.4	109
36	43	14892.1	125.0	-63.3	-98.9	293.4	15.9	14.6	-6.3	365.5	326.1	0.2	38.7	30.6	110
37	46	16351.6	100.0	-63.2	-98.9	299.9	9.6	3.3	-4.8	400.4	326.1	0.2	38.7	34.0	110
38	49	18112.2	75.0	-62.4	-99.9	328.7	4.1	2.1	-3.5	460.6	326.1	0.2	38.7	35.2	111
39	52	20812.5	50.0	-62.4	-99.9	328.7	4.1	2.1	-3.5	460.6	326.1	0.2	38.7	35.2	111
40	55	25015.4	25.0	-53.1	-99.9	132.1	2.9	-2.2	-2.0	632.3	326.1	0.2	38.7	34.7	114

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 \* 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. 7  
ENNIS, TEXAS  
2 MAY 1982

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT T UG K	MK R TO GM/KG	RH PCT	RANGE NM	AL 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	
0 1	6 6	167.7	1000.0	18.6	99.9	45.5	1.9	-1.4	-0.3	293.7	321.4	99.9	99.9	0 0	33.0	
0 7	9 1	384.4	975.0	18.0	14.6	97.0	4.1	-4.1	0.5	293.3	321.6	10.8	80.1	0 2	30.5	
1 6	11.5	607.2	955.0	17.3	13.3	130.5	4.4	-3.4	2.9	294.6	321.4	19.8	77.2	0 4	29.5	
2 5	13.9	834.9	925.0	15.9	12.3	154.0	4.0	-1.8	3.6	295.5	320.3	19.8	79.4	0 6	30.6	
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	31.4	
4 2	18.7	1306.2	875.0	13.4	9.1	207.6	3.2	0.5	2.9	297.7	320.3	8.3	75.1	0 8	32.4	
5 1	21.2	1550.3	850.0	12.2	9.6	212.9	3.3	1.8	2.8	298.9	323.0	6.9	84.3	0 9	33.4	
6 0	23.6	1800.2	825.0	10.8	4.3	210.4	4.1	2.1	3.5	300.7	317.5	6.3	63.8	1 0	34.3	
6 9	26.1	2056.2	800.0	9.0	5.3	211.9	3.7	2.0	3.2	300.8	320.0	7.0	77.9	1 2	35.7	
7 8	28.7	2318.5	775.0	6.5	5.9	235.9	3.4	2.8	1.9	301.9	321.5	7.5	95.6	1 3	35.7	
8 8	31.2	2587.4	750.0	4.9	5.5	247.5	3.9	3.6	1.5	301.9	320.2	6.6	90.7	1 4	35.7	
9 8	33.6	2853.6	725.0	3.3	5.8	253.8	4.1	3.9	1.1	303.9	320.2	4.8	68.5	1 6	34.5	
10 9	36.4	3147.7	700.0	1.3	1.9	253.8	4.1	2.3	0.7	303.9	320.2	5.8	65.6	1 6	20.0	
11 8	39.0	3440.1	675.0	-0.4	-0.9	264.9	0.9	0.9	-0.1	305.2	320.6	5.3	56.6	1 7	23.0	
13 0	41.8	3741.9	650.0	-2.0	-2.6	171.5	3.1	-0.5	3.0	306.7	320.6	4.8	94.3	1 7	20.0	
14 1	44.4	4053.0	625.0	-3.0	-4.3	197.0	3.7	1.1	3.5	309.1	322.1	4.5	90.9	2 0	18.0	
15 2	47.3	4376.9	600.0	-4.2	-7.7	247.1	3.0	2.7	1.2	311.2	321.9	3.8	76.8	2 2	20.0	
16 4	50.2	4711.7	575.0	-5.8	-10.6	298.8	3.8	1.8	1.8	313.4	322.5	3.0	67.5	2 2	25.5	
17 7	53.1	5058.6	550.0	-8.0	-13.1	289.5	5.5	3.2	-1.8	315.1	321.5	2.5	70.9	2 2	35.5	
19 0	56.0	5417.7	525.0	-11.1	-16.9	279.5	9.4	5.3	-2.8	316.0	321.1	1.9	62.2	2 3	45.8	
20 3	59.1	5790.7	500.0	-14.0	-19.4	264.0	11.4	9.5	-4.0	318.2	322.8	1.4	61.3	2 3	77.0	
21 6	62.3	6178.8	475.0	-18.0	-21.7	292.7	19.3	7.5	-5.4	320.7	324.0	1.0	47.3	2 4	8.6	
22 9	65.2	6565.0	450.0	-20.5	-26.5	312.1	9.9	7.3	-6.6	322.7	324.9	0.8	35.9	2 4	8.6	
24 5	68.6	7019.4	425.0	-24.4	-31.8	312.1	9.9	7.3	-6.6	322.7	324.9	0.8	35.9	2 4	8.6	
26 1	72.0	7455.6	400.0	-28.0	-34.3	308.6	10.9	8.7	-5.5	323.3	325.1	0.5	28.9	2 5	9.5	
27 7	75.4	7822.9	375.0	-31.8	-44.0	302.6	9.9	8.4	-5.3	324.6	325.3	0.2	20.1	2 5	9.5	
29 4	79.0	8414.2	350.0	-36.8	-50.0	292.9	10.7	9.0	-4.9	326.0	326.3	0.1	14.4	2 6	10.4	
31 2	82.9	8932.8	325.0	-41.6	-53.1	293.4	12.6	11.6	-4.9	326.0	326.3	0.1	14.4	2 6	10.4	
33 1	86.8	9481.2	300.0	-46.5	-59.9	299.1	14.9	13.7	-7.0	326.7	326.3	0.1	14.4	2 6	10.4	
35 2	91.0	10085.2	275.0	-51.4	-66.5	299.1	14.4	12.6	-7.0	327.9	326.3	0.1	14.4	2 6	10.4	
37 4	95.3	10691.0	250.0	-55.4	-73.9	292.4	16.5	15.3	-6.3	329.7	326.3	0.1	14.4	2 6	10.4	
39 4	100.0	11308.6	225.0	-60.3	-81.4	291.2	21.4	20.0	-7.8	333.5	326.3	0.1	14.4	2 6	10.4	
41 6	104.8	12112.4	200.0	-62.7	-89.1	292.4	20.7	19.2	-7.9	337.3	326.3	0.1	14.4	2 6	10.4	
44 0	110.3	12938.0	175.0	-67.0	-98.9	293.6	22.4	20.5	-8.0	346.4	326.3	0.1	14.4	2 6	10.4	
46 6	116.0	13808.3	150.0	-68.1	-98.9	294.4	21.8	19.9	-8.0	346.4	326.3	0.1	14.4	2 6	10.4	
49 4	122.5	15018.0	125.0	-64.0	-98.9	299.5	22.9	19.8	-7.2	379.1	326.3	0.1	14.4	2 6	10.4	
52 7	129.7	16365.7	100.0	-64.2	-99.9	297.5	16.5	14.6	-1.2	403.7	326.3	0.1	14.4	2 6	10.4	
57 3	138.3	18148.8	75.0	-62.6	-99.9	294.5	8.7	7.9	-3.6	441.8	326.3	0.1	14.4	2 6	10.4	
63 5	148.0	20649.5	50.0	-61.0	-99.9	294.5	3.2	-0.1	-3.2	499.9	326.3	0.1	14.4	2 6	10.4	
69 9	99.9	99.9	25.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

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ORIGINAL RECORD  
OF PLYMOUTH

TIME MIN	CMCT	WEIGHT GPM	PRES MB	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MY RTD GM/KG	RH PCT	RANGE KM	Z DG
00	102	502.3	962.1	15.2	15.2	45.0	2.0	-1.4	4.4	281.6	320.9	11.7	100.9	0.0	0.0
01	99.9	98.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02	113.3	609.8	950.0	14.2	13.4	47.6	7.9	-5.9	99.9	291.6	318.1	10.2	99.9	99.9	99.9
03	137.7	834.9	925.0	12.5	11.0	54.0	11.0	-8.9	99.9	292.1	315.6	9.0	90.3	0.1	217
04	161.5	1064.7	900.0	11.0	9.6	74.8	19.9	-9.5	99.9	293.0	315.1	8.4	90.0	1.4	130
05	211.1	1300.5	875.0	10.1	9.4	113.3	11.1	-10.2	99.9	295.2	317.9	8.5	90.1	1.8	141
06	231.5	1542.6	850.0	10.1	6.3	129.8	10.4	-9.7	99.9	296.7	318.7	8.2	89.7	2.3	255
07	261.1	2043.9	825.0	6.6	6.3	130.3	7.9	-7.6	99.9	298.9	316.8	7.3	89.6	2.8	266
08	281.6	2304.6	800.0	5.0	5.0	120.4	6.6	-6.0	99.9	298.7	316.9	6.5	88.5	3.3	274
09	301.2	2572.3	775.0	3.4	3.7	97.9	5.0	-5.7	99.9	300.7	315.9	5.8	88.5	3.6	278
10	331.9	2847.1	750.0	1.4	1.6	57.9	4.1	-4.0	99.9	301.0	315.1	5.0	87.4	4.0	279
11	361.4	3129.5	725.0	0.1	-0.7	101.0	4.1	-4.0	99.9	301.0	315.1	4.8	86.4	4.3	278
12	391.2	3421.1	700.0	-0.6	-1.9	131.2	5.5	-4.2	99.9	302.6	315.2	4.8	86.6	4.7	280
13	421.9	3722.9	675.0	-1.3	-2.9	165.6	7.9	-4.2	99.9	305.0	316.6	4.8	87.9	5.2	287
14	451.7	4034.7	650.0	-3.5	-5.8	178.8	9.2	-4.2	99.9	307.5	321.3	4.8	88.3	5.5	293
15	481.4	4356.3	625.0	-5.9	-8.9	180.4	9.3	-4.2	99.9	308.4	320.1	4.0	84.4	5.9	299
16	511.4	4689.2	600.0	-7.2	-10.9	181.4	8.7	-4.2	99.9	309.3	319.0	3.2	78.8	6.1	305
17	541.4	5034.8	575.0	-9.1	-13.2	189.7	8.4	-4.2	99.9	311.6	320.4	2.9	74.6	6.5	309
18	571.4	5393.6	550.0	-11.4	-15.8	204.0	8.2	-4.2	99.9	314.8	321.4	2.1	71.8	6.6	313
19	601.4	5780.4	525.0	-13.8	-18.4	195.1	6.3	-4.2	99.9	316.2	321.9	1.8	68.0	7.0	317
20	631.4	6154.4	475.0	-16.2	-21.7	180.4	6.3	-4.2	99.9	317.2	322.0	1.4	64.0	7.3	324
21	661.4	6558.4	450.0	-18.2	-24.3	170.4	7.4	-4.2	99.9	319.1	322.0	1.2	61.7	7.7	327
22	691.4	6981.0	425.0	-21.5	-27.6	205.6	5.2	-4.2	99.9	321.0	322.3	0.7	59.6	8.0	330
23	721.6	7423.1	400.0	-26.1	-31.6	263.1	2.8	-4.2	99.9	321.0	322.5	0.3	54.1	8.3	332
24	751.7	7885.6	375.0	-30.7	-36.9	355.4	2.4	-4.2	99.9	321.0	322.5	0.2	51.7	8.6	335
25	781.7	8370.9	350.0	-35.7	-43.9	355.8	2.4	-4.2	99.9	324.0	325.2	0.2	49.4	8.9	338
26	811.7	8880.3	325.0	-44.1	-53.7	355.8	2.4	-4.2	99.9	325.8	325.9	0.2	49.4	9.2	341
27	841.7	9437.3	300.0	-47.3	-64.1	358.3	2.4	-4.2	99.9	327.0	325.9	0.2	49.4	9.5	344
28	871.7	10019.3	275.0	-51.9	-76.9	358.4	2.4	-4.2	99.9	328.9	325.9	0.2	49.4	9.8	347
29	901.7	10643.4	250.0	-57.4	-90.9	358.4	2.4	-4.2	99.9	330.6	325.9	0.2	49.4	10.1	350
30	931.7	11318.1	225.0	-60.8	-98.9	999.9	99.9	99.9	99.9	999.9	999.9	99.9	99.9	999.9	999.9
31	961.7	12053.5	200.0	-62.7	-99.9	999.9	99.9	99.9	99.9	999.9	999.9	99.9	99.9	999.9	999.9
32	991.7	12879.6	175.0	-62.7	-99.9	304.1	18.8	15.5	99.9	336.3	999.9	99.9	99.9	999.9	999.9
33	1021.7	13807.1	150.0	-62.7	-99.9	289.6	17.3	13.8	99.9	336.4	999.9	99.9	99.9	999.9	999.9
34	1051.7	14837.6	125.0	-62.7	-99.9	281.3	14.8	12.8	99.9	335.5	999.9	99.9	99.9	999.9	999.9
35	1081.7	16000.0	100.0	-64.5	-99.9	281.3	14.8	14.5	99.9	331.2	999.9	99.9	99.9	999.9	999.9
36	1111.7	17330.9	75.0	-64.5	-99.9	300.9	9.7	8.4	99.9	407.9	999.9	99.9	99.9	999.9	999.9
37	1141.7	18885.3	50.0	-64.5	-99.9	298.3	4.7	4.2	99.9	437.7	999.9	99.9	99.9	999.9	999.9
38	1171.7	20584.1	25.0	-64.5	-99.9	298.3	4.7	4.2	99.9	501.7	999.9	99.9	99.9	999.9	999.9
39	1201.7	24984.8	25.0	-53.1	-99.9	252.7	4.3	4.4	99.9	632.4	999.9	99.9	99.9	999.9	999.9

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

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 8  
BROWNWOOD, TEXAS  
1 MAY 1982  
1400 GMT

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	ML RIO GM/KG	RH PCT	RANGE KM	AZ DG
00	00	582.3	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
00	00	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
00	00	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
00	00	99.9	950.0	14.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
01	13	849.8	925.0	13.7	12.8	99.9	99.9	99.9	99.9	293.3	319.9	10.1	94.3	999	999
02	13	1061.2	900.0	13.0	11.9	99.9	99.9	99.9	99.9	294.9	320.0	9.8	92.8	999	999
03	14	1318.1	875.0	11.7	10.7	99.9	99.9	99.9	99.9	298.0	320.6	9.3	93.3	999	999
03	07	1560.5	850.0	9.6	10.7	99.9	99.9	99.9	99.9	317.1	317.1	7.8	87.4	999	999
04	07	1807.7	825.0	7.7	5.2	99.9	99.9	99.9	99.9	298.2	315.2	6.8	83.9	999	999
05	05	2082.1	800.0	7.7	4.7	174.2	6.7	-0.7	6.7	299.3	317.6	6.7	81.6	2.4	310
06	03	2334.0	775.0	6.7	2.6	184.5	6.7	0.5	6.7	301.0	317.6	6.7	81.6	2.4	310
07	02	2582.6	750.0	4.5	1.0	189.8	7.7	1.3	7.7	301.5	316.9	5.5	78.2	2.8	327
08	01	2830.2	725.0	2.6	0.6	187.4	7.7	0.9	7.7	302.3	317.6	5.5	86.4	3.1	327
08	00	3077.7	700.0	0.8	-0.1	186.3	7.9	0.5	7.6	303.4	318.6	5.2	93.2	3.4	331
09	00	3325.2	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	00	3572.6	650.0	-2.2	-3.0	178.3	6.5	-0.2	6.5	308.5	320.2	4.7	94.1	4.2	338
11	00	3820.1	625.0	-3.9	-4.8	178.1	4.9	-0.1	4.9	308.0	320.6	4.3	93.8	4.5	339
12	00	4067.6	600.0	-5.3	-6.0	168.1	4.3	0.6	4.2	312.1	322.1	4.1	94.8	4.8	340
13	00	4315.1	575.0	-6.8	-7.7	199.7	3.8	1.3	3.5	312.1	322.3	3.7	93.0	5.0	342
14	00	4562.6	550.0	-8.2	-8.6	199.6	3.6	1.2	3.4	313.9	323.3	3.3	91.6	5.2	344
15	00	4810.1	525.0	-11.0	-12.2	203.4	3.0	1.1	3.0	315.2	324.1	2.9	90.7	5.5	346
16	00	5057.6	500.0	-13.0	-15.6	190.2	3.0	1.1	2.4	316.1	324.0	2.3	87.3	5.7	348
17	00	5305.1	475.0	-16.3	-20.3	219.1	3.4	1.9	2.4	317.6	323.0	1.6	71.1	6.1	350
18	00	5552.6	450.0	-19.0	-25.1	318.0	3.7	3.2	3.7	319.6	323.0	1.1	58.4	6.2	352
19	00	5800.1	425.0	-22.7	-34.4	318.0	3.7	3.2	3.7	319.6	323.0	1.1	58.4	6.2	352
20	00	6047.6	400.0	-25.7	-44.8	316.0	3.7	3.2	3.7	319.6	323.0	1.1	58.4	6.2	352
21	00	6295.1	375.0	-28.2	-48.2	312.1	3.7	2.6	3.7	321.6	323.0	0.2	44.7	6.4	357
22	00	6542.6	350.0	-32.0	-45.2	312.1	3.7	2.6	3.7	321.6	323.0	0.2	44.7	6.4	357
23	00	6790.1	325.0	-36.2	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
24	00	7037.6	300.0	-40.6	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
25	00	7285.1	275.0	-45.7	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
26	00	7532.6	250.0	-49.6	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
27	00	7780.1	225.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
28	00	8027.6	200.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
29	00	8275.1	175.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
30	00	8522.6	150.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
31	00	8770.1	125.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
32	00	9017.6	100.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
33	00	9265.1	75.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
34	00	9512.6	50.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
35	00	9760.1	25.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
36	00	10007.6	0.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
37	00	10255.1	-25.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
38	00	10502.6	-50.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
39	00	10750.1	-75.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
40	00	11007.6	-100.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
41	00	11255.1	-125.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
42	00	11502.6	-150.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
43	00	11750.1	-175.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
44	00	12007.6	-200.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
45	00	12255.1	-225.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
46	00	12502.6	-250.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
47	00	12750.1	-275.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
48	00	13007.6	-300.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
49	00	13255.1	-325.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
50	00	13502.6	-350.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
51	00	13750.1	-375.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
52	00	14007.6	-400.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
53	00	14255.1	-425.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
54	00	14502.6	-450.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
55	00	14750.1	-475.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
56	00	15007.6	-500.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
57	00	15255.1	-525.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
58	00	15502.6	-550.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
59	00	15750.1	-575.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357
60	00	16007.6	-600.0	-51.1	-48.2	311.9	3.7	2.3	3.7	321.6	323.0	0.2	44.7	6.4	357

\* BY SPEC MEANS ELEVATION ANGLE BETWEEN 0 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 8  
BROWNWOOD, TEXAS  
1 MAY 1982  
1700 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEWPT DG C	DIR DG	SPEED M SEC	U COMP M/SEC	V COMP M/SEC	POI 1 DC K	E POT DG K	MX RIO GM/MG	RH PCT	RANGE MM	AZ DG
00	0	502	864	17.3	15.6	120	2	0	0	293	323	11	90	0	0
01	0	99	1000	99.9	99.9	99	99	0	99	99	99	99	99	99	99
02	0	99	975	99.9	99.9	99	99	0	99	99	99	99	99	99	99
03	0	630	950	15.2	14.1	94	5	0	0	292	320	10	93	0	0
04	0	856	925	12.6	11.9	105	2	0	0	293	319	10	93	0	0
05	0	1087	900	11.3	11.3	125	9	0	0	293	318	9	95	0	0
06	0	1233	875	11.2	11.2	160	6	0	0	295	318	8	95	0	0
07	0	1565	850	9.7	9.7	175	5	0	0	296	314	7	96	0	0
08	0	1813	825	8.4	8.4	171	9	0	0	296	314	6	96	0	0
09	0	2068	800	7.9	7.9	172	4	0	0	299	314	5	97	0	0
10	0	2320	775	6.1	6.1	193	4	0	0	300	318	5	97	0	0
11	0	2573	750	4.4	4.4	205	4	0	0	301	319	5	97	0	0
12	0	2827	725	2.0	2.0	212	4	0	0	302	319	5	97	0	0
13	0	3080	700	0.0	0.0	213	4	0	0	304	320	5	97	0	0
14	0	3333	675	-1.0	-1.0	212	4	0	0	305	320	5	97	0	0
15	0	3586	650	-1.7	-1.7	207	8	0	0	307	320	5	97	0	0
16	0	3839	625	-3.2	-3.2	207	8	0	0	308	319	5	97	0	0
17	0	4092	600	-4.4	-4.4	207	8	0	0	310	319	5	97	0	0
18	0	4345	575	-5.2	-5.2	207	8	0	0	312	320	5	97	0	0
19	0	4598	550	-6.5	-6.5	207	8	0	0	313	320	5	97	0	0
20	0	4851	525	-8.2	-8.2	211	9	0	0	315	320	5	97	0	0
21	0	5104	500	-12.2	-12.2	211	9	0	0	315	319	5	97	0	0
22	0	5357	475	-14.4	-14.4	220	3	0	0	319	322	5	97	0	0
23	0	5610	450	-15.4	-15.4	236	4	0	0	322	324	5	97	0	0
24	0	5863	425	-18.8	-18.8	274	8	0	0	324	324	5	97	0	0
25	0	6116	400	-20.5	-20.5	300	9	0	0	325	325	5	97	0	0
26	0	6369	375	-23.5	-23.5	351	6	0	0	326	326	5	97	0	0
27	0	6622	350	-27.5	-27.5	351	6	0	0	326	327	5	97	0	0
28	0	6875	325	-31.7	-31.7	326	3	0	0	327	327	5	97	0	0
29	0	7128	300	-36.1	-36.1	313	4	0	0	327	327	5	97	0	0
30	0	7381	275	-41.1	-41.1	300	9	0	0	327	327	5	97	0	0
31	0	7634	250	-45.5	-45.5	287	8	0	0	328	328	5	97	0	0
32	0	7887	225	-51.1	-51.1	287	8	0	0	328	328	5	97	0	0
33	0	8140	200	-57.5	-57.5	287	8	0	0	328	328	5	97	0	0
34	0	8393	175	-60.9	-60.9	282	5	0	0	328	328	5	97	0	0
35	0	8646	150	-61.5	-61.5	282	5	0	0	328	328	5	97	0	0
36	0	8899	125	-61.5	-61.5	282	5	0	0	328	328	5	97	0	0
37	0	9152	100	-59.8	-59.8	282	5	0	0	328	328	5	97	0	0
38	0	9405	75	-54.8	-54.8	282	5	0	0	328	328	5	97	0	0
39	0	9658	50	-52.0	-52.0	282	5	0	0	328	328	5	97	0	0
40	0	9911	25	-52.0	-52.0	282	5	0	0	328	328	5	97	0	0
41	0	10164	0	-50.4	-50.4	282	5	0	0	328	328	5	97	0	0
42	0	10417	0	-45.1	-45.1	282	5	0	0	328	328	5	97	0	0
43	0	10670	0	-37.5	-37.5	282	5	0	0	328	328	5	97	0	0
44	0	10923	0	-27.5	-27.5	282	5	0	0	328	328	5	97	0	0
45	0	11176	0	-20.9	-20.9	282	5	0	0	328	328	5	97	0	0
46	0	11429	0	-18.6	-18.6	282	5	0	0	328	328	5	97	0	0
47	0	11682	0	-15.2	-15.2	282	5	0	0	328	328	5	97	0	0
48	0	11935	0	-11.6	-11.6	282	5	0	0	328	328	5	97	0	0
49	0	12188	0	-8.2	-8.2	282	5	0	0	328	328	5	97	0	0
50	0	12441	0	-5.0	-5.0	282	5	0	0	328	328	5	97	0	0
51	0	12694	0	-2.0	-2.0	282	5	0	0	328	328	5	97	0	0
52	0	12947	0	0.0	0.0	282	5	0	0	328	328	5	97	0	0
53	0	13200	0	3.7	3.7	282	5	0	0	328	328	5	97	0	0
54	0	13453	0	7.7	7.7	282	5	0	0	328	328	5	97	0	0
55	0	13706	0	11.9	11.9	282	5	0	0	328	328	5	97	0	0
56	0	13959	0	16.2	16.2	282	5	0	0	328	328	5	97	0	0
57	0	14212	0	20.9	20.9	282	5	0	0	328	328	5	97	0	0
58	0	14465	0	25.3	25.3	282	5	0	0	328	328	5	97	0	0
59	0	14718	0	29.7	29.7	282	5	0	0	328	328	5	97	0	0
60	0	14971	0	33.8	33.8	282	5	0	0	328	328	5	97	0	0

\* 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  
8  
BROWNWOOD, TEXAS  
1 MAY 2000 GMT 1982

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	WIND MM	A7 DC
00	0	502.3	963.4	21.8	18.2	0.0	0.0	0.0	0.0	298.1	334.5	13.8	80.0	0.0	0.0
00	0	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00	0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03	11.4	623.5	950.0	19.9	99.9	07.7	2.1	-1.9	-0.8	297.4	99.9	99.9	99.9	0.1	23.4
07	13.7	852.0	925.0	16.1	12.4	11.8	2.9	-2.7	1.2	295.6	99.9	99.9	99.9	0.2	23.2
10	16.1	1084.7	900.0	14.3	10.2	135.4	3.7	-2.6	1.6	296.3	319.6	8.6	78.3	0.3	23.0
18	18.5	1322.4	875.0	12.7	8.3	167.8	4.0	-0.9	3.9	296.5	316.0	7.9	74.9	0.5	30.0
20	20.9	1565.1	850.0	9.9	6.6	187.1	3.5	0.3	3.5	296.5	316.0	7.2	79.6	0.6	31.9
23	23.3	1812.8	825.0	7.9	5.0	99.9	99.9	99.9	99.9	299.0	315.0	4.3	61.7	99.9	99.9
25	25.8	2066.6	800.0	7.4	-1.6	99.9	99.9	99.9	99.9	299.0	311.2	4.3	53.5	99.9	99.9
29	29.9	99.9	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30	30.9	99.9	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31	31.9	99.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32	32.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33	33.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34	34.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35	35.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
36	36.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
37	37.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
38	38.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
39	39.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
40	40.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
41	41.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
42	42.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
43	43.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
44	44.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
45	45.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
46	46.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
47	47.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
48	48.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
49	49.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
50	50.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
51	51.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
52	52.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
53	53.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
54	54.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
55	55.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
56	56.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
57	57.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
58	58.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
59	59.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

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

STATION NO 8  
BROWNWOOD, TEXAS  
1 MAY 2044 GMT 1982

TIME MIN	QNTCT	HEIGHT GPM	PRES MB	TEMP 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	M Y RTG GM/KG	RH PCT	PANGC KM	AZ DG
00	10	502.3	982.8	21.2	16.4	130.0	3.0	-2.3	1.9	297.6	330.0	12.3	74.0	0.0	0.0
01	09	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02	09	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03	11	617.6	950.0	18.6*	99.9	99.9	3.1	-3.1	0.5	288.5	999.9	99.9	999.9	0.1	231.0
04	12	845.4	925.0	15.8	11.1	98.8	3.4	-3.4	0.5	285.5	999.9	99.0	999.9	0.2	255.0
05	16	1077.6	900.0	14.2	9.6	133.6	5.6	-2.2	0.5	286.1	318.6	8.4	74.1	0.4	277.0
06	18	1315.3	875.0	12.7	7.4	156.4	5.6	-2.2	5.1	297.8	317.1	7.4	70.2	0.6	297.0
07	20	1558.4	850.0	11.1	5.0	170.6	5.7	-0.9	5.6	297.8	315.5	6.5	68.0	0.8	312.0
08	23	1807.0	825.0	8.9	3.5	187.6	4.8	0.6	4.8	298.0	314.3	6.0	88.7	1.0	324.0
09	25	2061.3	800.0	7.1	2.2	184.2	6.1	0.4	6.1	298.8	314.3	5.6	71.1	1.0	334.0
10	27	2322.2	775.0	6.2	-2.2	188.2	8.7	1.2	6.6	300.5	312.4	4.2	55.0	1.1	341.0
11	30	2590.5	750.0	4.7	-1.8	201.6	10.7	3.7	9.4	301.7	314.4	4.5	62.9	2.3	351.0
12	33	2866.3	725.0	3.0	0.2	208.1	8.1	3.6	6.8	302.8	318.0	5.4	61.5	2.8	358.0
13	35	3151.0	700.0	2.0	-0.9	213.4	5.6	3.1	4.7	304.8	318.0	5.4	60.9	3.2	364.0
14	38	3443.9	675.0	-0.0	-2.5	222.2	3.3	2.2	2.4	305.7	318.3	4.7	63.5	3.4	370.0
15	40	3745.6	650.0	-2.0	-3.2	225.2	2.1	1.5	1.5	305.7	320.2	4.0	61.1	3.4	375.0
16	42	4056.6	625.0	-4.4	-5.6	229.9	99.9	99.9	99.9	307.5	319.3	4.0	91.1	3.6	377.0
17	44	4377.5	600.0	-5.9	-7.0	233.9	99.9	99.9	99.9	309.2	318.9	3.2	78.7	3.6	381.0
18	46	4709.9	575.0	-7.8	-9.0	239.9	99.9	99.9	99.9	310.9	318.5	2.5	83.5	3.6	385.0
19	51	5055.1	550.0	-9.1	-12.9	253.1	4.1	3.9	1.7	313.3	320.8	2.2	82.9	4.0	388.0
20	54	5414.2	525.0	-10.8	-14.8	251.6	5.1	4.6	1.7	315.4	322.0	1.7	82.9	4.2	391.0
21	57	5788.1	500.0	-12.6	-16.5	251.6	5.4	4.4	1.7	317.8	322.0	1.0	82.9	4.5	394.0
22	59	6177.5	475.0	-15.6	-18.2	282.1	4.5	2.6	-0.9	318.6	322.0	0.9	82.9	4.8	397.0
23	61	6583.4	450.0	-18.2	-21.3	318.5	4.0	1.9	-3.0	320.3	323.3	0.6	82.9	5.1	400.0
24	63	7008.3	425.0	-20.8	-23.6	339.0	5.4	1.6	-4.8	322.3	324.5	0.3	82.9	5.4	403.0
25	67	7453.7	400.0	-24.2	-26.5	316.4	6.9	5.0	-4.8	323.6	325.3	0.3	82.9	5.7	406.0
26	70	7920.6	375.0	-28.3	-30.5	314.1	6.9	6.7	-4.8	324.2	325.3	0.3	82.9	6.0	409.0
27	73	8411.3	350.0	-32.7	-34.4	304.9	6.1	6.7	-4.8	324.7	325.6	0.1	82.9	6.3	412.0
28	77	8928.9	325.0	-38.1	-40.1	293.6	12.0	11.0	-4.8	327.0	327.5	0.1	82.9	6.6	415.0
29	81	9478.4	300.0	-44.4	-46.9	281.2	13.8	12.8	-5.0	327.0	327.5	0.1	82.9	6.9	418.0
30	84	10062.1	275.0	-46.6	-49.9	289.1	13.5	12.8	-4.4	327.0	327.5	0.1	82.9	7.2	421.0
31	87	10667.0	250.0	-51.8	-55.9	284.7	15.9	15.4	-4.0	329.1	329.9	0.1	82.9	7.5	424.0
32	90	11363.0	225.0	-56.0	-60.1	283.0	17.3	16.8	-3.9	332.8	332.8	0.1	82.9	7.8	427.0
33	93	12104.9	200.0	-60.1	-64.1	287.9	20.6	19.8	-6.4	337.8	337.8	0.1	82.9	8.1	430.0
34	102	12938.6	175.0	-64.1	-68.1	288.9	23.2	21.9	-7.5	350.7	350.7	0.1	82.9	8.4	433.0
35	108	13895.7	150.0	-68.1	-72.1	292.0	21.3	19.7	-8.0	354.1	354.1	0.1	82.9	8.7	436.0
36	113	15018.5	125.0	-72.1	-76.1	289.6	21.8	20.6	-7.3	379.0	379.0	0.1	82.9	9.0	439.0
37	120	16384.7	100.0	-85.2	-89.2	295.1	15.1	13.7	-6.4	401.8	401.8	0.1	82.9	9.3	442.0
38	127	18143.8	75.0	-95.0	-99.9	292.4	19.5	18.8	-6.4	438.8	438.8	0.1	82.9	9.6	445.0
39	136	20644.4	50.0	-109.2	-113.9	303.0	4.2	3.5	-2.3	504.1	504.1	0.1	82.9	9.9	448.0
40	148	23063.8	25.0	-151.6	-159.9	326.9	6.0	3.3	-2.3	616.6	616.6	0.1	82.9	10.2	451.0

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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 8  
BROWNWOOD, TEXAS  
2 MAY 202 GMT 1982

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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 I DG K	MK R TO GM/KG	RH PCT	RANGE KM	AZ DG
00	0	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
00	9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
00	9	99.9	1075.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
03	3	99.9	950.0	18.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
12	1	807.4	925.0	16.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
22	9	13.7	900.0	14.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
29	2	1068.7	875.0	13.1	12.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
38	3	1307.2	850.0	10.9	10.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
48	4	1550.8	825.0	9.7	8.4	170.4	5.8	-1.0	5.7	287.6	322.0	10.3	92.5	0.0	0
57	5	1800.2	800.0	8.0	6.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
67	6	2055.5	775.0	6.9	4.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
77	7	2317.6	750.0	5.1	2.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
85	8	2586.6	725.0	3.4	0.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
95	9	2863.0	700.0	2.1	-0.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
104	4	3147.6	675.0	0.4	-2.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
115	5	3440.7	650.0	-1.9	-3.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
126	6	3742.7	625.0	-4.5	-6.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
136	6	4054.8	600.0	-9.2	-13.4	219.8	1.8	1.2	1.4	310.9	320.5	3.2	69.4	2.9	346
146	6	4712.1	575.0	-9.9	-13.4	235.3	2.3	2.1	1.3	311.9	321.1	3.0	76.6	3.0	346
159	9	5057.8	550.0	-9.2	-13.4	287.7	2.3	2.1	-0.2	313.1	320.8	2.5	71.8	3.0	348
171	1	5793.0	525.0	-9.9	-17.5	350.4	0.4	0.4	-2.2	316.5	322.5	1.8	53.6	2.9	350
184	4	6184.1	500.0	-11.5	-24.2	346.4	3.9	3.9	-4.4	319.0	322.5	1.1	33.8	2.2	353
197	1	6591.5	475.0	-17.7	-31.8	323.9	6.6	6.4	-5.4	321.0	323.0	0.6	27.8	2.2	353
211	1	6591.5	450.0	-17.7	-31.8	303.8	7.7	8.2	-4.3	321.0	323.0	0.6	27.8	2.2	353
220	0	7016.7	425.0	-20.9	-40.5	299.4	9.9	8.2	-4.4	322.2	323.2	0.3	25.1	1.9	31
230	0	7462.1	400.0	-24.0	-43.9	292.4	9.9	8.2	-4.4	323.8	324.5	0.2	23.9	1.9	59
238	8	7929.5	375.0	-27.7	-48.1	308.6	10.7	8.1	-5.0	325.0	325.6	0.2	22.4	2.2	81
250	0	8421.3	350.0	-32.0	-48.7	303.5	10.7	8.1	-5.0	325.6	326.6	0.1	22.4	2.2	93
268	8	8939.8	325.0	-36.6	-53.5	288.0	11.7	10.3	-5.5	326.3	326.6	0.1	22.4	2.2	103
305	5	9489.1	300.0	-41.4	-59.9	292.8	11.6	10.3	-5.5	327.0	326.6	0.1	22.4	2.2	103
325	5	10074.3	275.0	-45.4	-66.4	291.8	11.6	10.3	-5.5	327.0	326.6	0.1	22.4	2.2	103
345	5	10704.8	250.0	-49.4	-73.3	281.8	11.6	10.3	-5.5	327.0	326.6	0.1	22.4	2.2	103
365	5	11387.6	225.0	-54.5	-81.7	275.2	11.6	10.3	-5.5	327.0	326.6	0.1	22.4	2.2	103
383	3	12133.3	200.0	-59.5	-91.9	292.2	11.6	10.3	-5.5	327.0	326.6	0.1	22.4	2.2	103
401	1	12958.8	175.0	-62.8	-99.9	290.2	11.6	10.3	-5.5	327.0	326.6	0.1	22.4	2.2	103
421	1	13910.8	150.0	-64.7	-99.9	292.1	11.6	10.3	-5.5	327.0	326.6	0.1	22.4	2.2	103
440	1	15033.0	125.0	-64.7	-99.9	294.0	11.6	10.3	-5.5	327.0	326.6	0.1	22.4	2.2	103
465	4	16395.2	100.0	-65.1	-99.9	291.8	11.6	10.3	-5.5	327.0	326.6	0.1	22.4	2.2	103
533	5	18148.3	75.0	-65.1	-99.9	294.8	11.6	10.3	-5.5	327.0	326.6	0.1	22.4	2.2	103
590	5	20638.6	50.0	-65.1	-99.9	294.8	11.6	10.3	-5.5	327.0	326.6	0.1	22.4	2.2	103
719	9	25052.9	25.0	-65.1	-99.9	294.8	11.6	10.3	-5.5	327.0	326.6	0.1	22.4	2.2	103

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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 8  
BROWNWOOD, TEXAS  
2 MAY 1982  
500 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	10 3	502 3	983 1	16 7	15 0	110 0	3 0	-2 8	1 0	293 0	323 2	11 7	93 0	0 0	0 0
0 0	99 9	1000 9	1000 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 0	99 9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 4	11 5	819 5	950 0	16 6	14 5	99 9	99 9	99 9	99 9	294 1	323 5	11 1	93 7	0 0	0 0
1 3	13 9	847 1	825 0	16 0	15 0	99 9	99 9	99 9	99 9	295 7	326 5	11 7	92 8	0 0	0 0
2 1	16 3	1080 3	500 0	14 8	13 5	141 4	11 6	-7 4	9 2	296 6	325 3	10 9	92 9	1 3	308 8
3 0	18 8	1318 8	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 4
3 9	21 2	1562 8	850 0	11 7	10 5	158 5	3 3	-2 3	5 9	298 5	322 8	9 5	82 3	2 2	316 6
4 8	23 6	1812 5	825 0	10 3	8 7	185 4	5 9	0 6	8 6	299 5	322 8	8 6	89 8	2 2	320 0
5 7	26 1	2088 4	800 0	9 0	6 9	204 2	5 8	2 4	5 3	300 7	322 1	7 8	86 6	2 2	326 6
6 7	28 6	2331 2	775 0	7 1	5 1	219 3	3 9	2 5	4 3	301 4	321 1	7 1	87 0	2 2	332 2
7 7	31 2	2600 6	750 0	5 4	3 7	219 3	3 9	2 5	4 3	302 5	321 1	6 7	88 8	3 1	337 7
8 7	33 4	2877 9	725 0	4 8	1 5	200 1	3 7	1 2	3 4	304 5	320 2	5 9	80 1	3 1	340 0
9 9	36 7	3163 3	700 0	2 3	-0 5	185 5	3 9	0 4	3 9	305 1	319 0	5 3	81 5	3 3	342 2
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 3	344 4
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 3	345 6
13 3	44 6	4059 1	625 0	-3 4	-5 8	218 8	1 9	0 5	1 5	308 6	320 2	3 6	82 0	3 3	346 8
14 5	47 3	4391 7	600 0	-4 8	-8 8	242 9	2 5	1 1	1 1	310 6	319 8	3 0	87 9	3 3	348 0
15 8	50 1	4725 4	575 0	-7 0	-12 2	228 9	3 0	2 2	1 9	311 9	320 2	2 2	88 1	3 3	351 2
17 1	53 1	5071 0	550 0	-8 9	-15 1	219 7	1 7	1 1	1 3	313 5	321 1	2 2	60 9	4 0	354 4
18 3	56 0	5431 6	525 0	-8 8	-24 7	334 3	2 1	0 9	-1 9	317 9	321 6	1 0	20 1	4 0	355 6
19 8	59 1	5807 7	500 0	-11 5	-28 0	334 7	4 1	1 7	-3 7	319 5	322 0	0 8	24 0	3 7	358 8
21 3	62 1	6198 4	475 0	-14 9	-35 9	304 1	4 0	3 2	-2 5	319 5	322 0	0 7	28 4	3 7	358 8
22 8	65 4	6605 1	450 0	-17 9	-40 5	317 1	6 5	5 4	-3 7	320 8	322 0	0 4	19 2	3 2	361 4
24 2	68 6	7030 7	425 0	-20 3	-45 9	314 9	7 0	4 6	-4 9	323 9	323 9	0 3	14 3	2 9	364 0
25 8	72 0	7478 8	400 0	-23 9	-48 3	308 4	9 0	5 0	-5 0	323 9	324 8	0 2	15 6	2 6	365 6
27 6	75 6	7943 8	375 0	-28 2	-53 0	309 9	7 9	7 0	-5 8	324 2	324 8	0 2	15 6	2 6	365 6
29 4	79 1	8434 9	350 0	-31 7	-59 3	309 9	7 9	6 1	-5 1	326 0	326 4	0 1	15 5	2 8	365 6
31 3	83 0	8953 9	325 0	-36 1	-63 0	301 1	9 0	7 7	-4 6	327 0	327 3	0 1	15 5	3 3	369 0
33 3	86 9	9504 4	300 0	-40 2	-69 9	288 7	14 5	13 7	-4 7	328 7	329 0	99 9	99 9	4 5	379 0
35 4	90 9	10094 7	275 0	-43 6	-75 9	289 6	14 5	13 7	-4 7	328 7	329 0	99 9	99 9	4 5	379 0
37 6	95 2	10728 7	250 0	-48 7	-82 9	289 6	22 0	20 8	-7 4	332 1	329 9	99 9	99 9	6 7	395 0
39 9	99 8	11411 9	225 0	-54 9	-89 9	289 6	25 4	23 9	-8 5	333 7	329 9	99 9	99 9	9 8	400 0
42 3	104 8	12154 8	200 0	-60 3	-99 9	286 5	25 8	24 8	-7 8	334 4	329 9	99 9	99 9	13 3	403 0
44 6	110 2	12981 8	175 0	-63 4	-99 9	286 5	23 7	22 2	-7 3	337 2	329 9	99 9	99 9	17 1	403 0
47 2	116 0	13934 4	150 0	-61 1	-99 9	289 1	21 2	20 0	-8 4	345 9	329 9	99 9	99 9	20 6	404 0
50 4	122 5	15054 5	125 0	-65 1	-99 9	291 5	21 3	19 8	-8 9	346 9	329 9	99 9	99 9	23 9	405 0
54 4	130 0	16410 9	100 0	-65 1	-99 9	294 5	14 0	12 7	-7 8	377 2	329 9	99 9	99 9	28 0	406 0
59 3	138 5	18166 3	75 0	-64 5	-99 9	294 5	16 6	6 3	-5 8	400 7	329 9	99 9	99 9	32 5	407 0
66 1	148 5	20851 0	50 0	-60 4	-99 9	333 3	5 0	2 3	-2 1	437 7	329 9	99 9	99 9	35 0	409 0
77 9	159 5	23061 0	25 0	-52 8	-99 9	99 9	99 9	99 9	-4 5	501 2	329 9	99 9	99 9	36 6	409 0

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

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
00 0	7 3	184 1	997 0	16 2	16 0	40 0	1 8	-1 2	-1 4	285 6	319 2	11 6	99 0	0 0	0 0
00 8	9 4	99 0	1000 0	99 9	99 9	99 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
01 6	11 7	373 5	975 0	16 0*	99 9	99 9	99 9	99 9	99 9	291 3	99 9	99 9	99 9	99 9	99 9
2 6	14 2	593 6	950 0	15 8	99 9	99 9	99 9	99 9	99 9	283 7	323 6	10 6	84 6	99 9	99 9
3 4	16 6	1054 1	900 0	15 7	99 9	99 9	99 9	99 9	99 9	297 7	99 9	99 9	99 9	99 9	99 9
4 4	19 0	1291 8	875 0	14 2*	99 9	99 9	99 9	99 9	99 9	298 5	99 9	99 9	99 9	99 9	99 9
5 4	21 5	1535 2	850 0	12 6*	99 9	99 9	99 9	99 9	99 9	299 4	311 8	3 9	99 9	99 9	99 9
6 1	24 0	1784 6	825 0	11 6	-2 5	99 9	99 9	99 9	99 9	300 8	310 9	3 4	37 2	99 9	99 9
7 3	26 4	2040 9	800 0	9 5	-4 7	99 9	99 9	99 9	99 9	301 3	311 9	3 5	36 1	99 9	99 9
8 2	29 0	2303 2	775 0	7 5	-4 7	99 9	99 9	99 9	99 9	301 9	311 9	3 5	41 3	99 9	99 9
9 3	31 6	2572 3	750 0	5 3	-11 2	178 2	8 8	-0 3	8 8	302 5	309 3	2 3	30 1	99 9	99 9
10 4	34 2	2848 2	725 0	3 3	-12 3	184 0	8 0	0 6	8 0	304 0	314 2	2 1	31 1	99 9	99 9
11 4	36 8	3131 9	700 0	1 4	-6 0	193 6	7 3	2 3	7 1	304 8	315 0	3 5	57 8	99 9	99 9
12 5	39 6	3423 7	675 0	-0 8	-6 4	195 6	8 6	2 3	8 3	305 0	318 3	4 6	65 6	99 9	99 9
13 6	42 1	3724 1	650 0	-2 6	-3 4	198 5	10 0	3 2	9 5	307 7	320 1	4 3	94 8	99 9	99 9
14 8	45 1	4035 1	625 0	-4 2	-4 9	206 1	9 0	4 0	8 1	309 5	321 1	3 9	94 0	99 9	99 9
16 1	47 9	4356 7	600 0	-5 7	-6 5	211 5	3 5	3 5	5 7	311 9	321 4	3 1	94 0	99 9	99 9
17 3	50 9	4690 0	575 0	-6 9	-9 9	247 1	4 0	3 7	1 5	313 5	322 2	2 8	79 4	99 9	99 9
18 7	53 7	5038 3	550 0	-8 9	-11 7	249 8	3 5	2 5	1 2	315 5	322 2	1 8	60 2	99 9	99 9
20 1	58 8	5395 5	525 0	-10 7	-17 8	273 0	2 5	2 5	-0 1	316 7	322 2	1 8	58 0	99 9	99 9
21 4	59 8	5789 1	500 0	-13 4	-18 8	318 5	1 9	1 3	0 3	317 7	323 3	1 8	58 0	99 9	99 9
22 8	62 9	6157 5	475 0	-16 4	-19 2	253 0	1 0	0 9	0 3	319 7	321 0	1 8	78 7	99 9	99 9
24 0	66 1	6562 6	450 0	-18 7	-31 1	125 2	2 1	-1 0	1 5	320 4	322 7	0 7	44 0	99 9	99 9
26 4	69 4	6985 8	425 0	-22 3	-34 3	107 7	2 7	-2 2	0 9	321 6	323 4	0 5	44 0	99 9	99 9
28 3	72 9	7428 6	400 0	-25 7	-36 7	73 0	3 0	-2 7	-0 9	322 9	324 4	0 4	46 2	99 9	99 9
30 2	76 5	7893 3	375 0	-29 3	-39 4	30 4	3 0	-0 8	-1 4	325 2	325 5	0 3	48 7	99 9	99 9
32 2	80 1	8383 6	350 0	-32 3	-39 4	30 4	1 6	-0 8	0 0	326 7	327 4	0 2	38 4	99 9	99 9
34 3	83 9	8902 2	325 0	-36 3	-45 3	270 0	1 3	1 3	0 0	327 7	327 4	99 9	99 9	99 9	99 9
36 6	87 8	9451 5	300 0	-41 3	-45 3	176 7	3 0	-0 2	3 5	328 3	327 4	99 9	99 9	99 9	99 9
39 4	92 0	10038 1	275 0	-46 2	-45 3	149 0	4 0	-2 1	3 5	329 5	327 4	99 9	99 9	99 9	99 9
41 8	96 1	10662 3	250 0	-51 5	-45 3	100 0	2 8	-2 7	0 5	335 0	327 4	99 9	99 9	99 9	99 9
45 0	101 0	11340 3	225 0	-54 4	-45 3	7 3	2 8	-2 7	-2 5	345 5	327 4	99 9	99 9	99 9	99 9
48 3	105 8	12090 9	200 0	-58 4	-45 3	284 7	6 0	5 8	-1 5	355 7	327 4	99 9	99 9	99 9	99 9
52 4	111 2	12936 5	175 0	-57 1	-45 3	277 2	11 9	11 8	-1 5	369 9	327 4	99 9	99 9	99 9	99 9
56 9	117 0	13908 9	150 0	-58 2	-45 3	286 6	14 9	14 2	-4 2	386 4	327 4	99 9	99 9	99 9	99 9
62 1	123 5	15053 0	125 0	-60 0	-45 3	276 3	14 5	14 4	-2 7	402 7	327 4	99 9	99 9	99 9	99 9
68 7	131 0	16438 4	100 0	-61 7	-45 3	260 6	10 2	14 4	-3 6	418 5	327 4	99 9	99 9	99 9	99 9
78 3	139 3	18218 0	75 0	-62 1	-45 3	260 6	10 2	14 4	-2 7	503 6	327 4	99 9	99 9	99 9	99 9
86 8	149 0	20736 3	50 0	-56 5	-45 3	307 8	4 4	3 5	-2 7	503 6	327 4	99 9	99 9	99 9	99 9
102 8	159 3	25221 8	25 0	-49 1	-45 3	99 9	99 9	99 9	99 9	643 9	327 4	99 9	99 9	99 9	99 9

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

ORIGINAL PAGE 11  
OF POOR QUALITY

ORIGINAL PAGE IS  
OF POOR QUALITY

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V 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 0
9 9	98 9	100 0	999 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	999 9
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	846 3	925 0	15 2	14 7	144 5	3 8	-2 2	3 1	294 9	319 6	9 5	80 3	0 5	259
3 6	15 9	1081 9	900 0	15 3	14 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	9 8	92 8	1 7	319
7 6	25 6	2059 5	800 0	6 0	5 4	159 2	7 2	-2 8	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 3	7 8	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	6 5	308 7	320 1	4 6	91 1	4 2	354
15 5	43 6	4082 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	354
16 7	46 3	4364 2	600 0	-5 3	-7 7	232 1	1 9	1 5	1 2	309 6	320 6	3 6	83 5	4 4	3 0
18 1	49 2	4716 9	575 0	-8 3	-10 7	206 2	1 3	-0 8	1 1	310 2	319 8	3 2	87 6	4 4	4 4
19 2	52 1	5061 5	550 0	-9 8	-14 6	164 5	1 7	-1 8	0 4	312 5	319 5	2 2	87 6	4 4	4 4
20 6	55 0	5470 0	525 0	-11 3	-18 2	53 9	2 2	-1 8	-1 3	314 6	321 3	2 1	86 9	4 4	4 2
22 2	58 0	5792 3	500 0	-14 0	-25 4	34 6	3 2	-1 8	-2 6	316 0	321 8	1 8	70 7	4 2	359
23 6	61 1	6160 5	475 0	-16 1	-30 2	11 0	3 2	-0 6	-3 1	318 0	321 4	1 0	44 6	4 2	358
25 3	64 1	6585 6	450 0	-19 0	-32 5	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	-34 2	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	-40 5	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	-47 2	318 4	1 9	1 3	-1 4	323 3	324 4	0 3	44 3	3 3	357
32 1	77 8	8400 3	350 0	-32 7	-50 5	310 5	4 7	2 1	-2 1	324 7	325 3	0 2	21 7	3 1	3 2
33 9	81 5	8924 6	325 0	-38 1	-59 9	342 6	7 1	3 2	-6 2	326 9	327 3	0 1	20 8	2 8	1 0
35 6	85 3	9474 7	300 0	-45 7	-69 9	352 5	8 9	1 2	-8 9	329 9	329 9	99 9	99 9	1 0	18
37 6	89 8	10060 2	275 0	-51 4	-79 9	342 0	10 8	3 3	-10 2	329 1	329 9	99 9	99 9	1 0	52
39 6	93 8	10587 2	250 0	-56 5	-89 9	335 4	15 8	4 1	-14 3	331 6	329 9	99 9	99 9	1 0	127
41 9	98 4	11353 4	225 0	-60 2	-99 9	335 4	15 8	6 6	-14 3	331 6	329 9	99 9	99 9	3 5	146
44 5	103 4	12103 0	200 0	-60 4	-99 9	323 5	20 1	11 9	-16 2	327 5	329 9	99 9	99 9	9 7	148
47 3	108 8	12931 2	175 0	-60 4	-99 9	310 0	19 6	15 0	-12 6	327 5	329 9	99 9	99 9	9 7	143
50 5	114 7	13823 5	150 0	-60 6	-99 9	295 7	15 7	14 2	-8 8	325 7	329 9	99 9	99 9	12 8	139
54 1	121 2	15022 0	125 0	-62 3	-99 9	287 9	16 2	15 4	-5 0	325 7	329 9	99 9	99 9	16 0	133
58 7	128 7	16393 5	100 0	-64 2	-99 9	284 7	13 8	13 4	-3 5	325 7	329 9	99 9	99 9	19 9	127
64 6	137 3	18164 3	75 0	-61 7	-99 9	278 7	9 2	9 1	-1 4	403 8	329 9	99 9	99 9	23 7	124
72 8	147 5	20675 4	50 0	-58 5	-99 9	258 1	3 7	3 6	0 9	505 7	329 9	99 9	99 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	329 9	99 9	99 9	25 5	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  
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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 9  
HEWITT, TEXAS  
1 MAY 1982  
2007 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 I DG K	E POT DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
00	0	184	999	23.6	18.0	120	0.9	-0.8	0.8	286	331	13.2	7.1	0	0
09	9	1500	999	99.9	99.9	999	99.9	99.9	99.9	999	999	99.9	999	9	999
07	8	975	999	19.7*	99.9	999	99.9	99.9	99.9	285	999	99.9	999	9	999
10	6	617.6	950	17.4	15.3	999	99.9	99.9	99.9	284	999	11.6	88	0	999
27	13	845	925	15.2	13.9	98	4.6	-4.5	0.6	284	323	10.9	91	8	999
35	15	1077	900	13.5	12.1	114	5.0	-4.6	2.0	285	321	9.9	91	3	999
44	17	1314	875	11.8	10.3	134	5.6	-4.0	3.9	286	320	9.0	90	7	999
54	20	1557	850	10.3	8.7	153	6.2	-2.8	5.5	287	319	8.4	89	9	999
63	22	1805	825	8.5	6.5	166	6.7	-1.6	6.5	287	318	7.4	87	0	999
73	25	2059	800	7.6	5.2	182	7.4	0.3	7.4	289	318	6.9	84	9	999
84	27	2321	775	5.9	4.7	194	8.1	2.1	8.1	300	318	6.0	81	5	999
96	30	2589	750	5.1	3.9	206	8.8	4.0	7.8	302	318	5.9	79	0	999
11	0	2855	725	2.8	2.8	213	8.6	4.7	7.2	302	318	5.9	74	3	999
12	2	2655	700	0.8	-1.3	215	8.7	5.0	7.7	303	318	5.9	74	3	999
13	4	3149	675	0.9	-6.4	231	8.9	4.7	7.7	303	318	5.9	74	3	999
14	7	3440	650	-1.1	-4.9	231	8.9	4.7	7.7	303	318	5.9	74	3	999
16	2	3741	625	-2.8	-4.2	251	8.6	3.6	7.2	304	318	5.9	74	3	999
17	9	4051	600	-4.4	-6.8	271	8.3	2.3	6.3	307	318	5.9	74	3	999
19	5	4372	575	-5.5	-9.3	289	7.7	1.9	5.3	309	318	5.9	74	3	999
21	1	4705	550	-8.7	-14.4	295	8.1	-0.4	4.3	313	317	5.9	74	3	999
22	9	5050	525	-11.4	-16.6	314	7.7	-0.8	3.0	314	317	5.9	74	3	999
24	5	5409	500	-14.2	-19.2	349	7.4	-0.5	1.9	315	317	5.9	74	3	999
26	4	5781	475	-16.7	-27.1	342	7.2	0.5	1.7	317	317	5.9	74	3	999
28	3	6168	450	-18.4	-32.8	362	7.1	2.8	2.8	320	317	5.9	74	3	999
30	2	6573	425	-21.5	-38.1	380	7.1	5.0	5.0	321	317	5.9	74	3	999
32	0	6998	400	-25.3	-40.5	391	7.0	5.0	5.0	322	317	5.9	74	3	999
33	8	7441	375	-28.9	-38.8	399	7.0	5.5	5.5	322	317	5.9	74	3	999
35	1	7907	350	-32.4	-42.6	398	6.8	4.8	4.8	324	317	5.9	74	3	999
36	1	8398	325	-36.4	-48.4	315	6.8	6.1	6.1	325	317	5.9	74	3	999
38	4	8915	300	-40.6	-59.3	322	6.8	5.9	5.9	325	317	5.9	74	3	999
40	6	9485	275	-46.1	-69.3	322	6.8	5.9	5.9	325	317	5.9	74	3	999
42	9	10050	250	-51.6	-77.7	313	6.8	5.9	5.9	325	317	5.9	74	3	999
44	9	10677	225	-56.8	-86.8	303	6.8	5.9	5.9	325	317	5.9	74	3	999
47	9	11352	200	-61.3	-99.9	298	6.8	5.9	5.9	325	317	5.9	74	3	999
50	5	12089	175	-62.1	-99.9	297	6.8	5.9	5.9	325	317	5.9	74	3	999
52	8	12915	150	-62.1	-99.9	294	6.8	5.9	5.9	325	317	5.9	74	3	999
57	1	13874	125	-60.5	-99.9	289	6.8	5.9	5.9	325	317	5.9	74	3	999
61	2	15007	100	-62.6	-99.9	287	6.8	5.9	5.9	325	317	5.9	74	3	999
65	7	16375.2	75	-64.5	-99.9	285	6.8	5.9	5.9	325	317	5.9	74	3	999
71	4	18131.5	50	-64.5	-99.9	287	6.8	5.9	5.9	325	317	5.9	74	3	999
76	9	20632.2	25	-59.7	-99.9	334	6.8	5.9	5.9	325	317	5.9	74	3	999
81	0	25057.6	25	-52.4	-99.9	220	6.8	5.9	5.9	325	317	5.9	74	3	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

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEM PT DG 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 TD GM/KG	RH PCT	RANGE KM	AZ DG
00	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
00 9	99 9	99 9	997 3	19 9	15 9	99 9	99 9	-5 1	99 9	295 9	325 9	11 9	99 9	999 8	0 0
0 8	9 2	380 3	975 0	17 6	15 5	60 1	5 1	-5 4	-1 1	295 2	325 9	11 9	77 9	0 2	248
1 5	11 5	604 1	950 0	14 5	14 5	85 7	5 1	-5 0	-1 0	295 0	325 9	11 3	87 8	0 5	252
2 2	13 8	632 0	925 0	13 9	12 8	95 8	5 0	-5 0	-0 4	295 3	323 3	10 4	93 1	0 7	256
3 1	16 2	1064 5	900 0	11 4	9 8	120 4	5 1	-4 4	0 5	295 9	318 8	8 7	92 9	0 9	259
4 0	18 5	1301 7	875 0	9 7	6 3	137 9	6 1	-4 1	2 6	295 6	315 5	7 1	90 0	1 2	265
4 7	21 0	1543 5	850 0	9 1	6 3	146 2	6 1	-3 4	5 1	296 3	315 5	7 3	79 5	1 4	273
5 6	23 5	1792 1	825 0	7 9	5 0	161 3	6 1	-3 4	5 1	296 3	318 4	6 9	82 8	1 6	282
6 6	25 8	2046 7	800 0	6 2	4 6	181 0	5 3	-2 1	3 2	299 6	318 4	6 9	82 1	1 8	291
7 6	28 4	2308 3	775 0	4 7	4 6	213 6	3 6	2 1	3 2	300 4	319 4	6 9	82 1	1 8	299
8 6	31 0	2576 7	750 0	3 4	3 0	222 0	3 6	2 3	2 5	301 7	317 8	5 7	79 9	1 8	307
9 6	33 6	2853 1	725 0	1 8	1 6	222 0	3 5	2 3	2 6	302 2	317 8	5 3	78 8	1 8	313
10 6	36 2	3137 2	700 0	0 4	0 0	225 5	3 2	2 3	2 2	303 2	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	304 3	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	305 2	319 0	4 1	77 3	1 8	330
14 4	44 2	4042 8	625 0	-3 2	-7 2	337 8	1 0	0 4	-0 6	307 2	319 0	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	48 7	4698 1	575 0	-6 5	-11 8	41 9	1 0	-0 7	-0 7	312 4	320 8	2 7	65 5	1 6	326
18 3	52 7	5045 5	550 0	-8 6	-14 6	333 2	1 8	0 5	-0 2	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 8	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 6	6164 8	475 0	-16 2	-20 4	265 6	4 3	4 3	0 3	317 6	320 2	0 7	68 7	1 4	342
23 6	65 0	6570 0	450 0	-18 7	-22 5	282 5	6 4	6 2	-1 4	319 6	322 1	0 7	69 6	1 3	342
25 0	68 3	6993 9	425 0	-21 3	-24 3	282 5	7 2	7 0	-1 6	321 7	322 5	0 2	70 6	1 3	342
26 5	71 6	7438 4	400 0	-24 3	-26 5	291 7	8 7	6 1	-3 2	323 4	324 3	0 3	71 5	1 3	342
28 2	75 1	7905 9	375 0	-27 5	-29 5	306 9	9 3	7 5	-5 6	325 2	325 8	0 2	72 5	1 2	342
29 8	78 9	8398 0	350 0	-31 8	-33 8	312 3	8 7	6 4	-5 8	325 9	326 3	0 1	73 5	2 2	76
31 7	82 7	8917 5	325 0	-36 2	-37 2	301 1	8 7	6 4	-4 5	326 8	327 1	0 1	74 4	2 8	92
33 7	86 6	9467 5	300 0	-41 1	-43 1	295 9	11 7	10 5	-5 1	327 5	327 1	0 1	75 4	3 6	101
35 6	90 7	10052 4	275 0	-46 3	-48 3	292 4	13 1	12 1	-5 0	327 5	327 1	0 1	76 4	4 4	105
37 6	94 8	10676 5	250 0	-51 6	-53 6	289 0	14 4	13 6	-4 7	328 2	327 1	0 1	77 4	5 2	107
39 9	99 6	11355 0	225 0	-56 0	-59 0	289 0	14 4	13 6	-4 7	328 2	327 1	0 1	78 4	6 1	108
42 2	104 6	12086 6	200 0	-60 7	-63 7	288 3	18 1	17 2	-5 4	328 3	327 1	0 1	79 4	7 0	108
44 6	110 0	12823 9	175 0	-61 9	-64 9	287 5	21 6	20 6	-6 8	328 3	327 1	0 1	80 4	8 0	108
47 9	116 0	13678 7	150 0	-61 2	-64 2	292 7	24 7	22 9	-9 3	328 3	327 1	0 1	81 4	9 0	108
51 5	122 3	15089 6	125 0	-62 2	-65 2	292 7	24 7	22 9	-9 3	328 3	327 1	0 1	82 4	10 0	108
55 9	128 3	16380 3	100 0	-63 6	-66 6	294 8	21 7	19 7	-9 4	328 4	327 1	0 1	83 4	11 0	108
61 5	138 3	18143 1	75 0	-63 6	-66 6	294 8	18 1	14 9	-9 4	328 4	327 1	0 1	84 4	12 0	108
67 1	148 0	20650 1	50 0	-60 4	-63 4	303 3	9 1	7 6	-5 0	404 5	327 1	0 1	85 4	13 0	108
99 9	99 9	99 9	25 0	99 9	99 9	115 1	2 1	-1 9	0 9	501 1	327 1	0 1	86 4	14 0	108

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

ORIGINAL PAGE  
OF POOR QUALITY

STATION NO 9  
HEWITT, TEXAS  
2 MAY 1982  
203 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	PH PCT	RANGE KM	AZ DG
00	0	184.1	997.3	19.2	17.9	90.0	0.9	-0.9	0.0	292.8	326.2	13.1	92.2	0.0	0.0
09	9	1000.0	997.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
11	4	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	278.0
15	3	831.1	925.0	17.6	14.6	117.7	7.5	-6.6	3.5	295.4	326.9	12.2	90.3	0.6	286.0
24	3	1063.8	900.0	15.7	11.8	132.1	7.2	-5.3	4.8	296.7	325.6	11.4	93.1	1.0	293.0
34	3	1302.3	875.0	14.8	9.3	138.1	7.1	-4.8	5.3	298.0	320.9	9.7	82.3	1.4	300.0
53	3	1546.5	850.0	13.8	7.6	141.5	7.0	-4.4	5.5	299.0	320.0	8.5	74.4	1.8	304.0
63	3	1786.6	825.0	12.3	6.2	158.1	6.3	-2.4	5.9	300.1	320.9	7.7	72.8	2.2	308.0
73	3	2053.0	800.0	10.9	4.4	180.4	5.4	0.7	4.4	300.9	321.4	7.5	61.5	2.6	314.0
84	4	2315.7	775.0	9.2	2.6	188.6	4.4	0.7	4.4	301.5	321.8	7.4	61.5	2.6	318.0
94	4	2585.2	750.0	7.2	0.6	197.1	3.7	1.3	4.1	302.3	320.9	7.4	61.5	2.6	322.0
104	5	2861.9	725.0	5.3	-0.4	218.9	2.2	2.3	2.9	303.7	320.9	6.6	61.5	2.6	327.0
116	6	3146.5	700.0	3.9	-1.4	224.1	0.9	0.7	0.6	304.2	320.2	5.7	61.5	2.6	331.0
129	7	3438.7	675.0	1.5	-2.7	227.0	0.5	0.5	0.0	304.7	318.8	4.9	61.5	2.6	333.0
141	8	3739.6	650.0	-0.8	-3.7	228.1	0.8	0.8	0.0	306.3	319.3	4.5	61.5	2.6	335.0
153	8	4050.8	625.0	-2.4	-4.8	238.7	0.4	-0.3	0.3	308.3	320.9	4.3	61.5	2.6	335.0
166	9	4373.2	600.0	-4.9	-7.9	241.6	0.6	-0.4	-0.4	310.5	321.0	3.5	61.5	2.6	334.0
179	9	4707.5	575.0	-6.7	-10.8	249.1	1.3	-0.2	-1.3	312.8	321.8	3.0	61.5	2.6	334.0
203	3	5413.6	525.0	-11.0	-16.0	264.4	2.2	2.2	-0.8	315.2	321.8	2.8	61.5	2.6	336.0
223	4	5787.1	500.0	-13.2	-19.4	280.2	4.6	4.5	-0.8	317.0	322.3	2.1	61.5	2.6	342.0
238	4	6176.5	475.0	-15.1	-22.8	297.3	6.5	5.4	-3.0	319.3	322.3	0.9	61.5	2.6	353.0
254	4	6583.6	450.0	-17.6	-29.8	313.6	7.4	5.4	-5.1	321.2	323.6	0.7	61.5	2.6	353.0
270	4	7009.7	425.0	-20.0	-35.5	330.9	9.9	9.9	-9.9	323.4	324.9	0.4	61.5	2.6	353.0
287	4	7456.2	400.0	-23.0	-41.2	350.0	9.9	9.9	-9.9	324.4	325.3	0.3	61.5	2.6	353.0
307	7	7924.7	375.0	-27.4	-45.0	369.0	10.5	9.0	-5.4	325.3	326.0	0.2	61.5	2.6	353.0
326	6	8418.5	350.0	-32.1	-48.6	388.0	10.7	9.6	-4.6	326.2	326.7	0.2	61.5	2.6	353.0
349	6	8934.6	325.0	-36.0	-48.6	407.0	10.7	9.6	-4.6	326.2	326.7	0.2	61.5	2.6	353.0
372	6	9484.0	300.0	-41.1	-48.6	426.0	10.7	9.6	-4.6	326.2	326.7	0.2	61.5	2.6	353.0
396	7	10089.5	275.0	-46.1	-48.6	445.0	10.7	9.6	-4.6	326.2	326.7	0.2	61.5	2.6	353.0
422	3	10696.9	250.0	-50.0	-48.6	464.0	10.7	9.6	-4.6	326.2	326.7	0.2	61.5	2.6	353.0
453	3	11378.4	225.0	-54.8	-48.6	483.0	10.7	9.6	-4.6	326.2	326.7	0.2	61.5	2.6	353.0
484	4	12123.9	200.0	-59.5	-48.6	502.0	10.7	9.6	-4.6	326.2	326.7	0.2	61.5	2.6	353.0
518	4	12950.6	175.0	-63.0	-48.6	521.0	10.7	9.6	-4.6	326.2	326.7	0.2	61.5	2.6	353.0
557	7	13803.7	150.0	-61.4	-48.6	540.0	10.7	9.6	-4.6	326.2	326.7	0.2	61.5	2.6	353.0
602	2	15029.4	125.0	-62.8	-48.6	559.0	10.7	9.6	-4.6	326.2	326.7	0.2	61.5	2.6	353.0
656	6	16383.8	100.0	-65.7	-48.6	578.0	10.7	9.6	-4.6	326.2	326.7	0.2	61.5	2.6	353.0
719	9	18148.3	75.0	-64.1	-48.6	597.0	10.7	9.6	-4.6	326.2	326.7	0.2	61.5	2.6	353.0
814	4	20638.2	50.0	-62.1	-48.6	616.0	10.7	9.6	-4.6	326.2	326.7	0.2	61.5	2.6	353.0
957	7	25823.6	25.0	-53.7	-48.6	635.0	10.7	9.6	-4.6	326.2	326.7	0.2	61.5	2.6	353.0

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ORIGINAL DATA  
OF POOR QUALITY

STATION NO. 9  
HEWITT, TEXAS  
2 MAY 1982  
505 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD CM/AG	RH PCT	RANGE NM	AZ DG
00	00	184.1	986.6	17.6	99.9	00	00	00	00	290.9	999.9	99.9	999.9	00	00
01	00	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	299.9	999.9	99.9	999.9	999.9	999.9
02	00	389.3	975.0	17.8	14.2	113.6	5.0	-4.6	2.0	293.1	999.9	10.6	999.9	01	274
03	00	612.0	950.0	17.1	14.4	142.7	6.5	-5.1	6.7	294.6	999.9	11.0	999.9	01	289
04	00	839.8	925.0	16.5	14.4	152.9	9.1	-4.2	6.1	296.2	999.9	17.9	999.9	01	315
05	00	1072.7	900.0	15.0	7.3	150.6	8.8	-4.4	7.7	297.0	999.9	7.2	999.9	01	321
06	00	1310.7	875.0	13.5	5.3	145.9	7.8	-4.4	6.5	297.9	999.9	6.6	999.9	01	323
07	00	1554.6	850.0	11.5	7.0	148.5	6.3	-3.3	5.7	298.2	999.9	7.4	999.9	01	324
08	00	1803.6	825.0	9.7	6.2	168.7	4.7	-0.8	4.6	298.9	999.9	8.3	999.9	01	324
09	00	2058.0	800.0	8.1	6.6	206.7	3.4	1.5	3.0	298.8	999.9	7.0	999.9	01	328
10	00	2328.8	775.0	6.2	4.8	224.5	2.4	2.7	1.7	300.5	999.9	7.7	999.9	01	330
11	00	2605.7	750.0	4.6	2.5	243.9	3.0	2.7	1.3	301.6	999.9	6.1	999.9	01	334
12	00	2888.4	725.0	3.2	2.2	249.6	2.7	2.6	0.8	303.0	999.9	6.2	999.9	01	338
13	00	3149.8	700.0	1.2	0.5	249.4	1.8	1.7	0.6	303.8	999.9	5.3	999.9	01	341
14	00	3443.1	675.0	-0.2	-4.0	231.5	1.3	1.0	0.5	305.4	999.9	4.8	999.9	01	343
15	00	3743.8	650.0	-2.3	-4.0	202.2	1.7	1.3	0.5	308.3	999.9	4.4	999.9	01	345
16	00	4054.6	625.0	-4.0	-7.5	198.8	2.9	0.8	2.7	308.8	999.9	3.5	999.9	01	349
17	00	4377.6	600.0	-6.0	-10.4	250.2	1.1	1.0	0.5	311.5	999.9	2.9	999.9	01	349
18	00	4712.2	575.0	-9.0	-13.3	243.1	1.2	1.1	0.5	312.3	999.9	2.4	999.9	01	350
19	00	5058.1	550.0	-11.1	-14.3	207.1	3.4	1.2	2.3	313.4	999.9	2.3	999.9	01	351
20	00	5417.0	525.0	-13.5	-18.0	238.3	3.9	3.4	0.5	313.4	999.9	2.3	999.9	01	351
21	00	5790.1	500.0	-15.6	-28.0	278.8	4.6	4.6	0.8	316.6	999.9	0.8	999.9	01	355
22	00	6178.9	475.0	-18.3	-38.5	320.8	5.5	5.4	1.7	318.6	999.9	1.7	999.9	01	355
23	00	6568.7	450.0	-21.6	-37.2	328.3	6.8	6.8	0.5	320.3	999.9	0.5	999.9	01	355
24	00	6958.6	425.0	-24.8	-37.2	313.1	7.4	7.6	0.4	321.3	999.9	0.4	999.9	01	355
25	00	7348.5	400.0	-28.0	-50.0	307.5	8.2	8.1	0.1	322.8	999.9	0.1	999.9	01	355
26	00	7738.4	375.0	-31.2	-52.5	308.9	9.8	9.8	0.1	323.6	999.9	0.1	999.9	01	355
27	00	8128.3	350.0	-34.4	-55.6	306.0	11.0	11.0	0.1	324.0	999.9	0.1	999.9	01	355
28	00	8518.2	325.0	-37.6	-55.6	303.4	13.1	13.1	0.1	325.2	999.9	0.1	999.9	01	355
29	00	8908.1	300.0	-40.8	-59.9	294.2	18.3	18.3	0.1	326.5	999.9	0.1	999.9	01	355
30	00	9298.0	275.0	-44.0	-59.9	293.6	27.2	25.0	0.1	328.8	999.9	0.1	999.9	01	355
31	00	9687.9	250.0	-47.2	-59.9	293.6	31.8	29.2	0.1	331.8	999.9	0.1	999.9	01	355
32	00	10077.8	225.0	-50.4	-59.9	293.6	36.4	33.6	0.1	335.2	999.9	0.1	999.9	01	355
33	00	10467.7	200.0	-53.6	-59.9	293.6	41.0	38.2	0.1	337.6	999.9	0.1	999.9	01	355
34	00	10857.6	175.0	-56.8	-59.9	292.4	45.6	42.4	0.1	348.6	999.9	0.1	999.9	01	355
35	00	11247.5	150.0	-60.0	-59.9	292.4	50.2	47.0	0.1	361.6	999.9	0.1	999.9	01	355
36	00	11637.4	125.0	-63.2	-59.9	292.4	54.8	51.8	0.1	374.6	999.9	0.1	999.9	01	355
37	00	12027.3	100.0	-66.4	-59.9	292.4	59.4	56.4	0.1	387.6	999.9	0.1	999.9	01	355
38	00	12417.2	75.0	-69.6	-59.9	292.4	64.0	61.0	0.1	399.2	999.9	0.1	999.9	01	355
39	00	12807.1	50.0	-72.8	-59.9	292.4	68.6	65.6	0.1	435.1	999.9	0.1	999.9	01	355
40	00	13197.0	25.0	-76.0	-59.9	292.4	73.2	70.2	0.1	501.1	999.9	0.1	999.9	01	355
41	00	13586.9	0.0	-79.2	-59.9	257.1	77.8	74.8	0.1	632.4	999.9	0.1	999.9	01	355

\* BY SPEED MEANS ELEVATION 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 RECORD  
OF POOR QUALITY

STATION NO. 10  
MENARD, TEXAS  
1 MAY 1982  
1116 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 DG K	MX RTO GM/KG	RH PCT	RANGE MM	AZ DG
00	11	588	951	13	12	150	0	-0	0	290	315	9	55	0	0
00	09	99	1070	09	09	99	0	09	09	99	99	99	99	99	99
00	11	605	975	13	12	124	3	-1	5	290	315	9	94	3	32
01	13	629	925	12	10	174	4	-3	7	291	314	5	92	5	21
10	16	1060	900	12	11	151	1	-2	4	294	320	5	92	5	27
20	18	1288	875	11	10	167	9	-1	4	285	320	0	92	7	30
30	20	1538	850	10	8	188	2	0	9	286	318	9	91	0	34
40	23	1787	825	9	7	186	2	1	4	299	320	8	91	4	30
50	25	2042	800	8	6	184	2	0	3	300	318	7	90	4	35
60	28	2304	775	6	4	178	5	-0	4	309	318	0	89	4	32
70	30	2573	750	4	1	170	0	-0	4	303	318	0	84	0	35
80	33	2848	725	3	1	141	4	-0	2	303	319	5	79	1	35
90	35	3133	700	1	0	164	9	-0	4	305	319	4	84	0	35
10	38	3425	675	0	0	184	1	-0	1	306	319	1	91	7	30
12	41	3728	650	0	-2	164	0	-0	3	307	319	4	91	4	35
13	44	4037	625	0	-4	140	8	-0	1	309	319	4	85	5	37
14	46	4350	600	0	-6	122	6	-1	0	310	319	4	81	5	36
15	48	4681	575	0	-8	107	2	-0	0	311	318	3	75	1	36
16	51	5035	550	0	-10	285	4	2	7	312	320	3	74	2	38
17	53	5382	525	0	-12	292	4	1	7	315	320	3	60	2	38
18	55	5704	500	0	-14	312	6	2	7	317	321	6	60	9	41
20	58	6152	475	0	-16	287	4	1	5	319	322	2	49	3	41
23	61	6557	450	0	-18	306	5	2	8	320	322	0	48	3	46
24	63	6979	425	0	-20	330	1	0	9	322	323	2	16	4	46
26	65	7423	400	0	-21	337	8	-1	7	322	323	2	11	6	46
28	68	7889	375	0	-23	343	1	-2	9	325	325	2	11	6	59
30	71	8380	350	0	-24	331	7	-2	9	325	325	2	12	5	59
32	73	8897	325	0	-26	324	0	-0	5	326	325	9	17	8	59
34	75	9448	300	0	-28	337	9	-0	4	326	325	9	99	9	59
36	78	10030	275	0	-30	338	2	3	8	328	325	9	99	9	59
38	80	10635	250	0	-32	344	8	3	8	329	325	9	99	9	59
40	82	11236	225	0	-34	370	3	5	5	329	325	9	99	9	59
42	84	11888	200	0	-36	372	3	7	7	329	325	9	99	9	59
44	86	12600	175	0	-38	372	3	7	7	329	325	9	99	9	59
46	88	13348	150	0	-40	372	3	7	7	329	325	9	99	9	59
48	90	14081	125	0	-42	372	3	7	7	329	325	9	99	9	59
50	92	14881	100	0	-44	372	3	7	7	329	325	9	99	9	59
52	94	15742	75	0	-46	372	3	7	7	329	325	9	99	9	59
54	96	16680	50	0	-48	372	3	7	7	329	325	9	99	9	59
56	98	17680	25	0	-50	372	3	7	7	329	325	9	99	9	59
58	100	18800	0	0	-52	372	3	7	7	329	325	9	99	9	59
60	102	20000	0	0	-54	372	3	7	7	329	325	9	99	9	59

\* 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 1  
OF POOR QUALITY

TIME	CNTCT	HEIGHT	PRES	TEMP	DEM	DIR	SPEED	U:COMP	V:COMP	POT	E POT	MI	RTO	RH	RANGE	AZ
MIN		GM	MB	DEG C	PT	OG	M/SEC	M/SEC	M/SEC	DC K	DC K	GM/AG	%	KM	DEG	
00	11	588	953.8	14.8	13	180	0.5	0.0	0.5	282.0	318.6	10.2	91	0	0	
00	09	99.9	1000.0	99.9	99	99	99	99	99	99	99	99	99	99	99	
00	08	99.9	975.0	99.9	99	99	99	99	99	99	99	99	99	99	99	
00	07	620.4	950.0	14.6*	99	130	2.4	-1.8	99.9	99.9	999.3	99.9	999	999	0	
00	06	845.2	925.0	12.6	11	82	5.4	-3.7	-3.9	292.0	318.9	99.5	94	0	0	
00	05	1075.0	900.0	12.6	11	77	3.1	-3.1	0.1	294.5	320.0	99.7	94	0	0	
00	04	1312.2	875.0	11.3	9	161	3.2	-0.7	2.2	295.5	318.6	8.7	90	1	0	
00	03	1554.2	850.0	7.9	8	185	3.2	0.3	3.2	296.3	318.5	6.3	92	5	0	
00	02	1861.0	825.0	7.3	8	188	4.2	0.6	4.6	297.0	317.3	7.5	92	4	0	
00	01	2058.0	800.0	6.4	7	178	4.6	-0.2	4.6	298.0	317.6	7.6	93	8	0	
00	00	2317.1	775.0	5.6	4	174	4.1	-0.7	4.1	298.8	318.9	6.4	93	7	0	
00	59	2585.2	750.0	5.0	3	178	3.0	-0.4	2.9	301.0	318.6	6.9	93	4	0	
00	58	2860.7	725.0	2.5	1	175	2.7	-0.2	2.7	302.2	318.7	5.9	92	9	0	
00	57	3144.3	700.0	1.1	1	174	2.6	-0.3	2.6	303.7	319.2	5.5	92	2	0	
00	56	3438.4	675.0	0.8	0	178	2.3	-0.1	2.3	304.8	318.6	4.8	89	6	1	
00	55	3737.4	650.0	-1.5	-2	210	1.8	1.0	2.0	307.2	321.3	4.4	90	4	1	
00	54	4048.7	625.0	-4.1	-5	219	2.6	1.7	2.0	307.8	319.7	4.1	90	4	1	
00	53	4370.3	600.0	-7.9	-11	223	1.3	0.9	1.9	309.5	320.5	3.7	89	6	1	
00	52	4703.1	575.0	-10.2	-15	269	0.7	2.3	0.9	310.8	319.1	2.8	74	7	1	
00	51	5047.2	550.0	-12.4	-16	282	2.3	3.2	0.7	311.9	318.3	2.1	64	8	1	
00	50	5404.5	525.0	-14.4	-18	217	3.3	0.6	0.7	315.5	319.8	2.0	72	1	1	
00	49	5776.1	500.0	-16.7	-23	144	1.5	-0.3	1.2	315.4	320.7	1.6	64	1	1	
00	48	6163.5	475.0	-18.9	-25	144	1.4	0.8	1.0	317.3	320.5	1.0	67	8	1	
00	47	6587.0	450.0	-20.7	-32	255	0.9	1.3	0.3	318.5	320.2	0.2	10	1	1	
00	46	7021.1	425.0	-23.7	-48	308	0.6	0.8	0.0	322.4	322.7	0.1	3	8	1	
00	45	7433.7	400.0	-27.7	-78	399	0.3	0.8	0.0	324.2	324.6	0.1	7	5	1	
00	44	7899.9	375.0	-33.9	-99	499	0.3	0.9	0.0	324.2	324.6	0.1	3	8	1	
00	43	8399.9	350.0	-39.9	-99	599	0.3	0.9	0.0	324.2	324.6	0.1	3	8	1	
00	42	8999.9	325.0	-46.9	-99	699	0.3	0.9	0.0	324.2	324.6	0.1	3	8	1	
00	41	9699.9	300.0	-53.9	-99	799	0.3	0.9	0.0	324.2	324.6	0.1	3	8	1	
00	40	10499.9	275.0	-60.9	-99	899	0.3	0.9	0.0	324.2	324.6	0.1	3	8	1	
00	39	11399.9	250.0	-67.9	-99	999	0.3	0.9	0.0	324.2	324.6	0.1	3	8	1	
00	38	12399.9	225.0	-74.9	-99	999	0.3	0.9	0.0	324.2	324.6	0.1	3	8	1	
00	37	13499.9	200.0	-81.9	-99	999	0.3	0.9	0.0	324.2	324.6	0.1	3	8	1	
00	36	14699.9	175.0	-88.9	-99	999	0.3	0.9	0.0	324.2	324.6	0.1	3	8	1	
00	35	15999.9	150.0	-95.9	-99	999	0.3	0.9	0.0	324.2	324.6	0.1	3	8	1	
00	34	17399.9	125.0	-102.9	-99	999	0.3	0.9	0.0	324.2	324.6	0.1	3	8	1	
00	33	18899.9	100.0	-109.9	-99	999	0.3	0.9	0.0	324.2	324.6	0.1	3	8	1	
00	32	20499.9	75.0	-116.9	-99	999	0.3	0.9	0.0	324.2	324.6	0.1	3	8	1	
00	31	22199.9	50.0	-123.9	-99	999	0.3	0.9	0.0	324.2	324.6	0.1	3	8	1	
00	30	23999.9	25.0	-130.9	-99	999	0.3	0.9	0.0	324.2	324.6	0.1	3	8	1	
00	29	25899.9	0.0	-137.9	-99	999	0.3	0.9	0.0	324.2	324.6	0.1	3	8	1	

\* 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 RECORDS  
OF POOR QUALITY

STATION NO 10  
MENARD, TEXAS  
1 MAY 1967  
1700 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW P. DG C	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR R TO CM/KG	RH PCT	RANGE KM	AZ DG
00	0	588	954	16	15	1	1	0	293	323	11	89	0	0
00	0	99	1000	99	99	99	99	99	99	99	99	99	99	99
00	0	99	975	99	99	99	99	99	99	99	99	99	99	99
01	11	0	950	15	14	99	99	99	292	321	11	92	0	0
01	12	4	925	13	12	99	99	99	293	319	10	95	0	0
01	13	7	900	12	11	99	99	99	294	320	9	95	0	0
01	14	0	875	11	10	99	99	99	295	320	8	95	0	0
02	0	15	850	10	9	99	99	99	296	320	7	95	0	0
02	0	30	825	9	8	99	99	99	297	320	6	95	0	0
02	0	45	800	8	7	99	99	99	298	320	5	95	0	0
02	0	60	775	7	6	99	99	99	299	320	4	95	0	0
02	0	75	750	6	5	99	99	99	300	320	3	95	0	0
02	0	90	725	5	4	99	99	99	301	320	2	95	0	0
02	0	105	700	4	3	99	99	99	302	320	1	95	0	0
02	0	120	675	3	2	99	99	99	303	320	0	95	0	0
02	0	135	650	2	1	99	99	99	304	320	0	95	0	0
02	0	150	625	1	0	99	99	99	305	320	0	95	0	0
02	0	165	600	0	-1	99	99	99	306	320	0	95	0	0
02	0	180	575	-1	-2	99	99	99	307	320	0	95	0	0
02	0	195	550	-2	-3	99	99	99	308	320	0	95	0	0
02	0	210	525	-3	-4	99	99	99	309	320	0	95	0	0
02	0	225	500	-4	-5	99	99	99	310	320	0	95	0	0
02	0	240	475	-5	-6	99	99	99	311	320	0	95	0	0
02	0	255	450	-6	-7	99	99	99	312	320	0	95	0	0
02	0	270	425	-7	-8	99	99	99	313	320	0	95	0	0
02	0	285	400	-8	-9	99	99	99	314	320	0	95	0	0
02	0	300	375	-9	-10	99	99	99	315	320	0	95	0	0
02	0	315	350	-10	-11	99	99	99	316	320	0	95	0	0
02	0	330	325	-11	-12	99	99	99	317	320	0	95	0	0
02	0	345	300	-12	-13	99	99	99	318	320	0	95	0	0
02	0	360	275	-13	-14	99	99	99	319	320	0	95	0	0
02	0	375	250	-14	-15	99	99	99	320	320	0	95	0	0
02	0	390	225	-15	-16	99	99	99	321	320	0	95	0	0
02	0	405	200	-16	-17	99	99	99	322	320	0	95	0	0
02	0	420	175	-17	-18	99	99	99	323	320	0	95	0	0
02	0	435	150	-18	-19	99	99	99	324	320	0	95	0	0
02	0	450	125	-19	-20	99	99	99	325	320	0	95	0	0
02	0	465	100	-20	-21	99	99	99	326	320	0	95	0	0
02	0	480	75	-21	-22	99	99	99	327	320	0	95	0	0
02	0	495	50	-22	-23	99	99	99	328	320	0	95	0	0
02	0	510	25	-23	-24	99	99	99	329	320	0	95	0	0
02	0	525	0	-24	-25	99	99	99	330	320	0	95	0	0
02	0	540		-25	-26	99	99	99	331	320	0	95	0	0
02	0	555		-26	-27	99	99	99	332	320	0	95	0	0
02	0	570		-27	-28	99	99	99	333	320	0	95	0	0
02	0	585		-28	-29	99	99	99	334	320	0	95	0	0
02	0	600		-29	-30	99	99	99	335	320	0	95	0	0
02	0	615		-30	-31	99	99	99	336	320	0	95	0	0
02	0	630		-31	-32	99	99	99	337	320	0	95	0	0
02	0	645		-32	-33	99	99	99	338	320	0	95	0	0
02	0	660		-33	-34	99	99	99	339	320	0	95	0	0
02	0	675		-34	-35	99	99	99	340	320	0	95	0	0
02	0	690		-35	-36	99	99	99	341	320	0	95	0	0
02	0	705		-36	-37	99	99	99	342	320	0	95	0	0
02	0	720		-37	-38	99	99	99	343	320	0	95	0	0
02	0	735		-38	-39	99	99	99	344	320	0	95	0	0
02	0	750		-39	-40	99	99	99	345	320	0	95	0	0
02	0	765		-40	-41	99	99	99	346	320	0	95	0	0
02	0	780		-41	-42	99	99	99	347	320	0	95	0	0
02	0	795		-42	-43	99	99	99	348	320	0	95	0	0
02	0	810		-43	-44	99	99	99	349	320	0	95	0	0
02	0	825		-44	-45	99	99	99	350	320	0	95	0	0
02	0	840		-45	-46	99	99	99	351	320	0	95	0	0
02	0	855		-46	-47	99	99	99	352	320	0	95	0	0
02	0	870		-47	-48	99	99	99	353	320	0	95	0	0
02	0	885		-48	-49	99	99	99	354	320	0	95	0	0
02	0	900		-49	-50	99	99	99	355	320	0	95	0	0
02	0	915		-50	-51	99	99	99	356	320	0	95	0	0
02	0	930		-51	-52	99	99	99	357	320	0	95	0	0
02	0	945		-52	-53	99	99	99	358	320	0	95	0	0
02	0	960		-53	-54	99	99	99	359	320	0	95	0	0
02	0	975		-54	-55	99	99	99	360	320	0	95	0	0
02	0	990		-55	-56	99	99	99	361	320	0	95	0	0
02	0	1005		-56	-57	99	99	99	362	320	0	95	0	0
02	0	1020		-57	-58	99	99	99	363	320	0	95	0	0
02	0	1035		-58	-59	99	99	99	364	320	0	95	0	0
02	0	1050		-59	-60	99	99	99	365	320	0	95	0	0
02	0	1065		-60	-61	99	99	99	366	320	0	95	0	0
02	0	1080		-61	-62	99	99	99	367	320	0	95	0	0
02	0	1095		-62	-63	99	99	99	368	320	0	95	0	0
02	0	1110		-63	-64	99	99	99	369	320	0	95	0	0
02	0	1125		-64	-65	99	99	99	370	320	0	95	0	0
02	0	1140		-65	-66	99	99	99	371	320	0	95	0	0
02	0	1155		-66	-67	99	99	99	372	320	0	95	0	0
02	0	1170		-67	-68	99	99	99	373	320	0	95	0	0
02	0	1185		-68	-69	99	99	99	374	320	0	95	0	0
02	0	1200		-69	-70	99	99	99	375	320	0	95	0	0
02	0	1215		-70	-71	99	99	99	376	320	0	95	0	0
02	0	1230		-71	-72	99	99	99	377	320	0	95	0	0
02	0	1245		-72	-73	99	99	99	378	320	0	95	0	0
02	0	1260		-73	-74	99	99	99	379	320	0	95	0	0
02	0	1275		-74	-75	99	99	99	380	320	0	95	0	0
02	0	1290		-75	-76	99	99	99	381	320	0	95	0	0
02	0	1305		-76	-77	99	99	99	382	320	0	95	0	0
02	0	1320		-77	-78	99	99	99	383	320	0	95	0	0
02	0	1335		-78	-79	99	99	99	384	320	0	95	0	0
02	0	1350		-79	-80	99	99	99	385	320	0	95	0	0
02	0	1365		-80	-81	99	99	99	386	320	0	95	0	0
02	0	1380		-81	-82	99	99	99	387	320	0	95	0	0
02	0	1395		-82	-83	99	99	99	388	320	0	95	0	0
02	0	1410		-83	-84	99	99	99	389	320	0	95	0	0
02	0	1425		-84	-85	99	99	99	390	320	0	95	0	0
02	0	1440		-85	-86	99	99	99	391	320	0	95	0	0
02	0	1455		-86	-87	99	99	99	392	320	0	95	0	0
02	0	1470		-87	-88	99	99	99	393	320	0	95	0	0
02	0	1485		-88	-89	99	99	99	394	320	0	95	0	0
02	0	1500		-89	-90	99	99	99	395	320	0	95	0	0
02	0	1515		-90	-91	99	99	99	396	320	0	95	0	0
02	0	1530		-91	-92	99	99	99	397	320	0	95	0	0
02	0	1545		-92	-93	99	99	99	398	320	0	95	0	0
02	0	1560		-93	-94	99	99	99	399	320	0	95	0	0
02	0	1575		-94	-95	99	99	99	400	320	0	95	0	0
02	0	1590		-95	-96									

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO.	10	79	287	0												
MENARD, TEXAS																
1 MAY 2005 GMT																
TIME	MIN	CNTCT	HEIGHT	PRES	TEMP	DEM PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	MX RTO	RH	RANGE	AZ
			CGM	MB	DEG C	DEG C	DG	M/SEC	M/SEC	M/SEC	DG K	DG K	GM/KG	PCT	KM	DEG
00	00	11	588	953.6	21.5	15.3	90.0	2.0	-2.0	0.0	288.7	329.6	11.6	58.0	0.0	0.0
00	00	99	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00	02	11	821	975.0	99.9	99.9	99.9	99.9	99.9	99.9	288.1	327.7	99.9	99.9	99.9	99.9
01	04	13	850.4	925.0	17.4	13.0	99.9	99.9	99.9	99.9	297.1	324.4	10.3	68.4	99.9	99.9
01	06	16	1084.0	900.0	16.0	13.2	99.9	99.9	99.9	99.9	298.0	326.3	10.7	75.6	99.9	99.9
02	03	18	1323.5	875.0	13.5	12.8	99.9	99.9	99.9	99.9	297.8	325.1	10.2	83.5	99.9	99.9
02	06	21	1567.5	850.0	11.9	12.8	131.9	4.4	-3.5	3.1	298.6	322.8	9.0	80.6	0.3	284
04	07	23	1817.2	825.0	10.2	7.5	143.0	4.4	-2.2	3.3	299.4	321.1	8.0	83.4	0.9	302
05	07	26	2073.2	800.0	6.5	7.4	148.5	3.9	-2.0	3.3	300.5	322.7	8.1	91.0	1.1	307
06	07	28	2325.6	775.0	6.5	5.7	157.4	3.4	-0.3	3.3	302.5	321.2	6.9	94.9	1.3	311
07	07	31	2608.9	750.0	5.4	4.2	169.4	3.4	-0.4	3.4	304.1	321.2	6.4	91.9	1.7	315
08	07	33	2881.4	725.0	5.6	2.5	177.6	3.4	0.3	3.4	305.4	320.2	5.7	83.2	1.8	320
09	09	36	3168.9	700.0	1.5	0.5	191.7	1.1	0.3	0.0	307.7	318.6	4.6	81.7	1.8	323
11	11	38	3458.3	675.0	-0.2	-3.0	209.0	1.3	0.9	0.9	309.3	320.7	3.9	77.0	1.8	327
12	22	41	3760.3	650.0	-2.6	-4.3	224.5	1.4	0.2	1.4	311.5	320.5	3.0	63.4	1.9	331
13	23	44	4072.7	625.0	-4.0	-9.9	220.9	3.4	1.5	1.7	312.9	320.5	2.5	59.5	2.0	339
14	48	47	4395.8	600.0	-6.0	-12.6	221.0	3.4	3.0	1.8	313.8	320.7	2.2	61.3	2.0	346
15	48	50	4730.9	575.0	-8.6	-15.8	250.1	2.4	2.2	2.0	314.2	320.8	2.1	71.9	2.1	350
17	14	53	5077.7	550.0	-11.8	-15.8	308.3	3.3	2.6	2.6	318.5	323.1	1.4	48.4	2.1	355
18	06	56	5436.5	525.0	-12.0	-21.1	323.6	3.3	2.3	2.3	320.7	323.1	1.7	26.8	1.5	359
19	06	59	5810.5	500.0	-14.0	-29.0	323.6	4.7	2.8	-3.1	320.7	323.1	1.4	26.8	1.5	363
21	00	62	6202.2	475.0	-17.4	-34.7	324.1	5.9	3.4	-3.7	323.4	325.0	0.5	25.7	1.2	26
22	05	65	6610.1	450.0	-20.0	-37.4	326.1	5.9	3.4	-4.7	323.4	325.0	0.3	24.2	1.1	57
23	07	72	7038.3	425.0	-23.6	-38.3	328.1	4.8	3.2	-4.9	324.8	325.8	0.3	27.2	1.2	79
24	07	75	7492.5	400.0	-27.8*	-40.9	328.1	4.8	3.2	-4.6	326.0	325.8	0.2	21.4	1.2	79
25	03	78	7959.5	375.0	-31.8*	-46.5	295.3	10.2	9.2	-4.4	327.3	327.7	0.1	17.9	1.8	103
26	00	79	8441.9	350.0	-31.7	-51.6	295.3	7.1	2.4	-6.7	327.3	327.7	0.1	17.9	2.8	103
28	00	83	8961.7	325.0	-35.8	-51.6	240.1	99.9	99.9	99.9	327.6	99.9	99.9	99.9	99.9	99.9
30	08	86	9512.4	300.0	-41.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32	05	89	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33	09	92	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34	09	95	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35	09	98	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
36	09	99	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
37	09	99	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
38	09	99	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
39	09	99	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
40	09	99	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
41	09	99	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
42	09	99	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
43	09	99	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION 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  
2 MAY 1982  
200 GMT

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
59 9	99 9	1000.0	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999 9	999 9
99 9	99 9	975.0	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999 9	999 9
0 1	11 5	602.8	925.0	20.3*	12.7	111.0	2.55	-1.99	-1.6	297.8	999.9	999.9	999.9	0 0	342
1 0	13 9	632.4	925.0	18.6	12.7	111.0	9.0	-8.4	-3.2	298.5	325.5	10.1	67.7	0 4	290
1 9	16 8	1067.3	900.0	17.0	11.3	104.3	9.7	-9.4	-2.6	298.0	325.7	9.9	73.2	0 9	289
2 7	18 8	1207.1	875.0	14.5	10.6	108.7	9.4	-9.1	-2.3	298.2	324.7	9.7	81.2	1 5	287
3 7	21 3	1251.8	850.0	12.4	9.7	129.7	7.6	-7.2	-2.4	298.7	324.8	9.5	88.6	2 0	286
4 7	23 8	1501.9	825.0	10.5	8.7	129.7	6.9	-5.3	-4.4	299.7	322.1	8.1	99.4	2 7	293
5 6	26 3	2058.0	800.0	8.7	7.4	151.6	6.6	-3.9	-6.3	300.5	320.6	7.2	92.7	3 0	299
6 7	28 9	2320.3	775.0	6.4	5.3	163.0	6.6	-1.9	-6.3	300.7	320.6	6.6	95.4	3 3	306
7 7	31 5	2589.1	750.0	4.5	3.9	171.6	5.7	-0.8	-5.6	301.5	319.5	6.1	93.9	3 4	308
8 6	34 1	2865.1	725.0	2.8	1.9	177.7	4.3	-0.2	-4.3	302.5	319.4	4.9	82.0	3 6	310
9 6	36 8	3148.8	700.0	1.2	-1.5	197.6	2.6	0.8	-2.5	303.9	319.4	4.8	85.9	3 6	312
10 7	39 4	3441.3	675.0	-0.1	-2.2	226.1	2.0	1.4	-1.2	305.5	320.2	4.7	93.8	3 6	314
11 8	42 2	3743.0	650.0	-2.2	-3.0	236.0	2.1	1.8	-0.8	308.5	317.3	4.4	79.0	3 5	318
13 3	45 0	4053.6	625.0	-4.8	-7.7	258.0	2.6	2.5	-0.8	307.2	317.0	3.4	62.4	3 3	320
14 6	47 9	4374.6	600.0	-5.9	-11.9	282.9	3.4	3.3	-2.1	309.3	319.8	2.8	66.1	3 1	322
15 7	50 7	4707.6	575.0	-7.4	-11.4	301.5	4.0	3.4	-2.4	311.3	320.0	2.8	73.1	3 3	324
16 9	53 6	5052.4	550.0	-10.4	-13.3	308.0	4.0	3.3	-2.4	312.3	320.0	2.8	86.1	2 8	324
18 2	56 6	5410.9	525.0	-16.4	-23.3	348.9	3.6	3.7	-2.4	315.9	320.0	2.8	139.2	2 2	319
19 9	59 8	5785.7	500.0	-11.5	-18.2	329.7	5.1	1.4	-4.9	319.0	320.7	0.5	114.7	2 2	314
21 4	62 9	6176.8	475.0	-14.6	-26.1	329.7	6.6	3.3	-5.1	319.0	321.2	0.4	137.9	1 0	308
23 0	66 0	6563.6	450.0	-17.4	-38.1	313.7	7.4	3.3	-4.4	321.4	325.9	0.2	147.7	0 4	307
24 6	69 4	6959.0	425.0	-21.0	-40.9	316.5	6.1	4.2	-4.4	322.0	325.9	0.2	147.7	0 4	307
26 3	72 9	7453.4	400.0	-24.6	-48.8	316.5	9.5	6.7	-6.8	323.0	323.6	0.1	116.6	0 4	307
28 0	76 4	7919.1	375.0	-28.7	-59.3	290.6	8.5	6.5	-5.5	323.0	324.0	0.1	116.6	0 4	307
29 9	80 0	8408.7	350.0	-32.9	-67.3	290.6	8.7	8.9	-3.0	323.0	324.0	0.1	116.6	0 4	307
31 8	83 9	8926.0	325.0	-38.6	-77.9	294.5	9.8	8.9	-4.1	326.3	328.5	0.1	116.6	0 4	307
34 0	87 8	9476.4	300.0	-44.0	-89.9	296.9	16.1	14.3	-4.1	328.3	328.5	0.1	116.6	0 4	307
36 3	92 0	10066.5	275.0	-49.1	-99.9	290.1	22.2	21.0	-7.7	331.5	331.5	99.9	99.9	7 8	118
38 6	96 5	10666.5	250.0	-54.9	-99.9	287.2	28.2	25.0	-7.7	331.5	331.5	99.9	99.9	11 2	115
41 0	101 2	11381.9	225.0	-59.1	-99.9	283.1	29.1	28.3	-6.6	334.4	334.4	99.9	99.9	14 8	113
43 6	106 0	12123.6	200.0	-64.0	-99.9	285.5	31.4	30.2	-8.4	337.8	337.8	99.9	99.9	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	344.3	99.9	99.9	24 6	110
48 9	117 5	13697.3	150.0	-62.4	-99.9	289.6	23.5	22.2	-7.9	352.6	352.6	99.9	99.9	32 8	110
52 2	124 0	15015.5	125.0	-65.4	-99.9	291.7	19.7	18.3	-7.3	358.6	358.6	99.9	99.9	35 9	110
56 0	131 5	16370.3	100.0	-66.4	-99.9	290.1	16.2	14.1	-7.9	358.6	358.6	99.9	99.9	35 9	110
61 0	140 9	18109.9	75.0	-65.0	-99.9	290.1	17.1	16.0	-7.3	358.6	358.6	99.9	99.9	35 9	110
66 4	149 7	20585.4	50.0	-63.1	-99.9	18.1	3.4	-1.1	-3.2	484.7	484.7	99.9	99.9	40 3	111
61 3	160 0	24969.9	25.0	-56.1	-99.9	999.9	99.9	99.9	-3.2	623.5	623.5	99.9	99.9	41 3	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 DATA  
OF POOR QUALITY

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0 0	10 0	588 3	952 0	17 2	15 0	90 0	1 0	-1 0	0 0	294 4	325 7	12 0	92 0	0 0	C
0 9	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999
0 9	99 9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999
0 2	11 3	814 5	850 0	15 6	15 0	122 9	10 3	-8 8	5 5	294 0	323 8	11 4	95 7	0 2	282
0 9	13 6	842 1	925 0	15 5	13 4	125 9	10 5	-8 5	6 1	297 5	327 0	10 5	85 9	0 0	208
1 6	16 1	1075 1	900 0	15 8	13 8	140 4	8 6	-5 6	6 8	297 5	327 0	11 1	85 9	0 0	305
2 4	18 4	1314 3	875 0	13 9	11 5	158 8	6 3	-2 5	5 8	298 5	324 8	9 9	85 6	1 2	312
3 2	20 8	1558 5	850 0	10 1	10 5	165 5	6 4	-1 6	6 2	299 3	322 9	9 7	92 0	1 4	324
4 1	23 3	1808 2	825 0	8 1	8 9	164 3	9 4	-2 4	9 1	299 3	321 3	9 7	92 2	1 8	324
4 9	25 8	2068 8	800 0	7 0	7 0	166 5	6 7	-1 6	10 1	301 1	321 3	7 9	92 9	2 3	328
5 7	28 3	2326 0	775 0	5 5	5 5	166 3	3 8	-1 8	6 5	302 2	320 8	7 3	89 6	2 9	332
6 6	30 9	2595 2	750 0	4 2	4 2	145 3	2 8	-1 8	5 2	304 1	321 1	6 0	81 2	3 1	331
7 5	33 5	2872 3	725 0	3 0	1 8	140 3	2 9	-0 5	4 7	305 9	321 7	5 8	81 3	3 2	332
8 4	36 1	3157 5	700 0	1 3	-3 2	295 4	1 5	1 2	-0 7	308 6	319 8	4 2	72 3	3 1	333
9 4	38 8	3451 9	650 0	-0 3	-4 7	301 2	1 1	0 7	-0 9	310 5	320 9	4 2	65 0	3 0	333
10 4	41 6	3755 1	625 0	-1 8	-7 4	316 5	1 2	0 9	-0 9	311 3	321 6	3 4	65 0	3 0	333
11 3	44 3	4068 3	600 0	-4 2	-8 2	321 7	1 1	0 7	-0 9	312 3	320 8	2 5	65 8	2 8	333
12 2	47 1	4392 0	575 0	-6 5	-11 5	321 4	1 5	-0 6	-1 4	314 4	322 1	2 5	65 8	2 8	333
13 1	49 9	4726 4	550 0	-8 1	-13 4	321 4	1 5	-0 6	-1 4	314 4	322 1	2 5	65 8	2 8	333
14 0	52 6	5073 7	525 0	-9 6	-16 0	321 6	2 5	2 5	-2 2	320 8	322 4	1 0	65 8	2 8	333
15 0	55 9	5434 7	500 0	-11 5	-18 5	321 1	5 9	5 6	-2 8	320 8	323 1	0 6	65 8	2 8	333
16 4	59 0	5812 1	475 0	-13 6	-21 2	289 1	8 9	6 6	-4 2	323 2	324 2	0 3	65 8	2 8	333
17 0	62 0	6204 1	450 0	-17 0	-27 0	289 1	8 2	7 0	-4 2	323 2	324 2	0 3	65 8	2 8	333
18 6	66 6	6612 4	425 0	-20 1	-30 5	301 3	7 7	6 7	-3 7	324 4	324 6	0 2	65 8	2 8	333
20 2	71 9	7039 0	400 0	-23 8	-33 0	299 0	7 4	7 3	-1 5	324 4	325 0	0 1	65 8	2 8	333
22 2	75 4	7485 0	375 0	-28 1	-38 1	281 4	8 1	8 1	-0 9	326 8	327 2	0 1	65 8	2 8	333
24 7	79 0	7952 6	350 0	-31 1	-41 4	281 4	8 9	8 9	-0 9	327 9	328 3	0 1	65 8	2 8	333
26 3	82 7	8444 0	325 0	-35 4	-45 2	275 6	8 9	8 9	-3 1	330 1	330 4	0 1	65 8	2 8	333
27 7	86 7	8904 9	300 0	-39 2	-49 9	284 3	12 8	12 4	-5 2	331 7	331 7	99 9	65 8	2 8	333
29 4	90 7	9517 4	275 0	-43 9	-55 8	285 8	19 2	18 5	-5 2	333 4	333 4	99 9	65 8	2 8	333
31 1	95 0	10107 8	250 0	-48 9	-61 9	282 8	23 8	23 2	-3 9	334 9	334 9	99 9	65 8	2 8	333
32 8	99 6	11425 5	225 0	-54 6	-68 0	278 4	27 0	26 7	-5 7	337 9	337 9	99 9	65 8	2 8	333
34 4	104 5	12168 9	200 0	-59 9	-75 9	283 7	28 7	28 0	-6 1	344 6	344 6	99 9	65 8	2 8	333
36 4	108 8	13006 0	175 0	-64 1	-81 3	283 7	25 7	25 0	-6 1	344 6	344 6	99 9	65 8	2 8	333
38 0	115 7	13843 1	150 0	-68 9	-88 9	279 2	21 7	21 5	-5 8	377 4	377 4	99 9	65 8	2 8	333
40 0	122 2	14684 4	125 0	-73 6	-96 9	295 4	18 3	17 5	-5 7	399 1	399 1	99 9	65 8	2 8	333
42 3	129 3	15515 6	100 0	-78 6	-105 7	295 4	9 9	9 9	-5 7	433 1	433 1	99 9	65 8	2 8	333
44 6	137 7	16358 4	75 0	-83 9	-115 9	99 9	99 9	99 9	-5 9	99 9	99 9	99 9	65 8	2 8	333
46 2	146 9	17203 9	50 0	-89 9	-126 9	99 9	99 9	99 9	-5 9	99 9	99 9	99 9	65 8	2 8	333
48 9	156 9	18058 4	25 0	-95 9	-139 9	99 9	99 9	99 9	-5 9	99 9	99 9	99 9	65 8	2 8	333
51 9	167 9	18913 9	0 0	-102 9	-154 9	99 9	99 9	99 9	-5 9	99 9	99 9	99 9	65 8	2 8	333
54 9	179 9	19768 9	0 0	-110 9	-170 9	99 9	99 9	99 9	-5 9	99 9	99 9	99 9	65 8	2 8	333
57 9	192 9	20623 9	0 0	-118 9	-187 9	99 9	99 9	99 9	-5 9	99 9	99 9	99 9	65 8	2 8	333
60 9	206 9	21478 9	0 0	-126 9	-204 9	99 9	99 9	99 9	-5 9	99 9	99 9	99 9	65 8	2 8	333
63 9	220 9	22333 9	0 0	-134 9	-221 9	99 9	99 9	99 9	-5 9	99 9	99 9	99 9	65 8	2 8	333
66 9	234 9	23188 9	0 0	-142 9	-238 9	99 9	99 9	99 9	-5 9	99 9	99 9	99 9	65 8	2 8	333
69 9	248 9	24043 9	0 0	-150 9	-255 9	99 9	99 9	99 9	-5 9	99 9	99 9	99 9	65 8	2 8	333
72 9	262 9	24898 9	0 0	-158 9	-272 9	99 9	99 9	99 9	-5 9	99 9	99 9	99 9	65 8	2 8	333
75 9	276 9	25753 9	0 0	-166 9	-289 9	99 9	99 9	99 9	-5 9	99 9	99 9	99 9	65 8	2 8	333
78 9	290 9	26608 9	0 0	-174 9	-306 9	99 9	99 9	99 9	-5 9	99 9	99 9	99 9	65 8	2 8	333
81 9	304 9	27463 9	0 0	-182 9	-323 9	99 9	99 9	99 9	-5 9	99 9	99 9	99 9	65 8	2 8	333
84 9	318 9	28318 9	0 0	-190 9	-340 9	99 9	99 9	99 9	-5 9	99 9	99 9	99 9	65 8	2 8	333
87 9	332 9	29173 9	0 0	-198 9	-357 9	99 9	99 9	99 9	-5 9	99 9	99 9	99 9	65 8	2 8	333
90 9	346 9	30028 9	0 0	-206 9	-374 9	99 9	99 9	99 9	-5 9	99 9	99 9	99 9	65 8	2 8	333
93 9	360 9	30883 9	0 0	-214 9	-391 9	99 9	99 9	99 9	-5 9	99 9	99 9	99 9	65 8	2 8	333
96 9	374 9	31738 9	0 0	-222 9	-408 9	99 9	99 9	99 9	-5 9	99 9	99 9	99 9	65 8	2 8	333
99 9	388 9	32593 9	0 0	-230 9	-425 9	99 9	99 9	99 9	-5 9	99 9	99 9	99 9	65 8	2 8	333

\* BY SPEED MEANS ELEVATION 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 PARTIAL  
OF POOR QUALITY

STATION NO. 11  
BURNET, TEXAS

1 MAY 1982  
1111 GMT

TIME MIN	CNTCT	HEIGHT GPR	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 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
00 0	99 9	999.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00 8	11 1	603.2	975.0	15.0	15.0	98.0	6.3	-6.2	0.9	293.0	322.6	11.4	96.3	0.3	200
01 6	13 5	830.1	925.0	15.1	14.6	128.1	5.5	-4.3	3.4	294.8	324.6	10.8	96.5	0.5	275
02 3	15 9	1062.6	900.0	14.1	13.3	131.2	6.7	-5.0	4.4	296.0	324.4	10.8	94.8	0.7	288
03 3	18 3	1300.2	875.0	13.1	13.3	131.0	9.6	-7.3	6.3	297.4	312.7	5.6	51.9	1.1	286
04 1	20 7	1544.6	850.0	12.7	11.5	132.5	10.6	-7.8	7.4	299.4	310.9	4.0	37.4	1.6	301
05 1	23 2	1793.6	825.0	11.0	8.1	143.6	8.2	-5.5	7.4	300.9	309.5	3.0	25.4	2.2	305
05 9	25 7	2049.2	800.0	7.1	4.5	150.2	7.9	-3.7	7.9	301.4	311.6	3.5	25.4	2.6	309
06 7	28 2	2311.2	775.0	4.6	4.5	154.7	8.7	-4.1	7.4	301.4	311.6	3.5	25.4	2.6	312
07 8	30 6	2579.9	750.0	4.6	4.5	154.7	8.7	-4.1	7.4	301.4	311.6	3.5	25.4	2.6	316
08 8	33 4	2855.4	725.0	2.2	1.5	155.6	11.1	-3.1	10.4	301.9	315.3	4.7	26.8	3.1	319
09 8	36 1	3138.2	700.0	0.8	1.3	176.9	10.9	-0.6	10.9	303.0	317.5	5.2	26.8	3.5	328
10 8	38 7	3429.9	675.0	0.5	1.3	186.4	8.1	0.9	8.0	304.4	319.4	4.8	26.8	3.9	331
12 0	41 4	3731.0	650.0	-2.3	-2.9	190.4	3.6	0.6	3.5	307.3	320.1	4.1	26.8	4.1	333
13 1	44 2	4041.7	625.0	-4.3	-5.5	221.9	1.7	1.1	1.3	307.9	319.4	4.1	26.8	4.1	333
14 3	47 0	4362.7	600.0	-5.4	-11.1	257.0	1.4	1.1	0.3	311.0	318.1	2.3	26.8	4.1	334
15 5	49 9	4695.7	575.0	-7.7	-13.7	295.9	2.0	1.8	-0.9	312.1	318.1	2.3	26.8	4.1	335
16 8	52 8	5040.2	550.0	-10.1	-16.3	312.3	3.2	2.5	-2.1	314.0	319.3	1.7	26.8	4.1	337
18 0	55 9	5398.1	525.0	-12.0	-18.7	309.5	3.9	3.3	-2.2	316.2	319.5	1.0	26.8	4.1	339
19 3	58 9	5770.3	500.0	-13.8	-21.6	302.5	3.9	3.7	-2.2	317.3	319.5	0.8	26.8	4.1	342
20 6	62 0	6158.1	475.0	-16.7	-24.5	301.3	4.2	3.7	-3.7	318.2	320.8	0.7	26.8	4.1	343
21 9	65 3	6562.0	450.0	-20.0	-28.7	319.8	4.2	3.7	-4.6	320.6	322.5	0.5	26.8	4.1	343
23 6	68 6	6963.6	425.0	-22.7	-31.3	332.6	4.9	3.7	-5.3	321.7	323.4	0.3	26.8	4.1	343
25 1	72 0	7425.1	400.0	-26.3	-34.5	348.0	6.4	3.7	-6.3	323.0	324.2	0.2	26.8	4.1	343
26 6	75 5	7888.2	375.0	-30.2	-38.5	351.3	7.2	3.7	-7.9	323.0	324.2	0.2	26.8	4.1	343
28 2	79 1	8375.4	350.0	-33.9	-43.6	355.5	7.9	3.7	-9.9	323.2	324.2	0.2	26.8	4.1	343
29 6	82 9	8889.2	325.0	-38.8	-48.1	355.5	7.9	3.7	-12.2	323.2	324.2	0.2	26.8	4.1	343
31 4	86 9	9432.7	300.0	-44.1	-53.9	355.5	7.9	3.7	-14.6	323.2	324.2	0.2	26.8	4.1	343
33 8	91 0	10010.8	275.0	-48.0	-59.9	355.5	7.9	3.7	-17.9	323.2	324.2	0.2	26.8	4.1	343
36 1	95 5	10633.5	250.0	-53.0	-66.6	355.5	7.9	3.7	-21.2	323.2	324.2	0.2	26.8	4.1	343
38 3	100 2	11307.1	225.0	-58.6	-74.4	355.5	7.9	3.7	-25.5	323.2	324.2	0.2	26.8	4.1	343
40 5	105 0	12056.6	200.0	-64.4	-82.9	355.5	7.9	3.7	-30.8	323.2	324.2	0.2	26.8	4.1	343
42 8	110 4	12901.0	175.0	-71.7	-92.9	355.5	7.9	3.7	-37.1	323.2	324.2	0.2	26.8	4.1	343
45 6	116 2	13860.6	150.0	-81.7	-104.4	355.5	7.9	3.7	-44.4	323.2	324.2	0.2	26.8	4.1	343
48 8	122 7	14991.6	125.0	-92.7	-118.9	355.5	7.9	3.7	-52.7	323.2	324.2	0.2	26.8	4.1	343
51 5	130 0	16361.9	100.0	-104.4	-136.9	355.5	7.9	3.7	-62.0	323.2	324.2	0.2	26.8	4.1	343
57 2	138 3	18120.5	75.0	-118.9	-158.9	355.5	7.9	3.7	-72.3	323.2	324.2	0.2	26.8	4.1	343
64 6	148 0	20068.9	50.0	-136.9	-186.9	355.5	7.9	3.7	-83.6	323.2	324.2	0.2	26.8	4.1	343
69 7	158 0	25022.7	25.0	-153.7	-211.4	355.5	7.9	3.7	-96.9	323.2	324.2	0.2	26.8	4.1	343

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 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL DATA  
OF POOR QUALITY

STATION NO. 11  
BURNET, TEXAS  
1 MAY 1982  
1402 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DLR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX FTO GM/KG	RH PCT	RANGE KM	AZ DG
00	0	385	976	17.8	7	0	0	0	0	293	310	2	49	0	0
09	0	323	1000	99.3	99.9	92.9	99.9	99.9	99.9	293	999	9	999	9	999
07	0	395	975	17.8*	99.9	95.7	2.1	-1.2	99.9	293	999	9	999	9	999
00	0	816	950	18.3	15.4	78.9	4.4	-4.5	-0.6	293	324	2	95	0	3242
17	13	843	925	14.7	11.5	116.5	5.1	-4.2	2.3	284	320	2	95	0	3256
26	15	1075	900	13.2	5.7	140.4	6.7	-6.9	5.1	285	320	2	89	0	3276
35	18	1311	875	11.7	2.0	137.3	10.2	-6.9	7.5	296	313	9	88	1	3294
45	20	1555	850	12.5	2.0	141.8	11.1	-6.9	8.7	296	313	9	88	1	3303
53	22	1805	825	10.8	-2.3	147.6	9.7	-5.2	8.2	300	311	5	88	2	3308
02	25	2060	800	9.1	-3.3	153.3	8.2	-3.7	7.4	300	309	5	88	2	3312
11	27	2322	775	7.1	-3.8	160.4	7.6	-2.5	7.1	301	312	2	88	2	3315
20	30	2591	750	4.9	-2.5	166.0	8.4	-0.8	8.6	302	316	4	88	2	3319
28	32	2867	725	2.6	-0.9	174.6	8.4	0.8	8.4	303	316	4	88	2	3323
36	35	3150	700	1.0	-0.9	185.6	5.5	1.3	5.4	305	320	5	88	2	3327
44	37	3443	675	-0.3	-3.2	193.7	3.7	0.7	3.5	307	320	4	88	2	3331
52	40	3744	650	-1.8	-5.0	198.8	3.7	0.7	3.5	307	320	4	88	2	3335
00	43	4055	625	-4.4	-7.9	209.3	3.7	0.7	3.5	307	320	4	88	2	3339
08	46	4376	600	-7.9	-12.6	217.6	1.6	1.0	1.3	308	318	4	88	2	3343
16	49	4708	575	-10.1	-15.4	220.0	2.1	1.4	0.9	312	318	6	88	2	3347
24	52	5053	550	-12.0	-20.4	320.0	3.5	-0.0	-1.5	314	318	6	88	2	3351
32	55	5410	525	-13.8	-21.9	14.0	4.2	-1.0	-4.1	316	320	6	88	2	3355
40	58	5783	500	-15.6	-25.7	10.4	3.6	0.4	-3.5	318	322	0	88	2	3359
48	61	6172	475	-18.3	-29.7	354	2.2	1.8	-4.4	320	322	0	88	2	3363
56	64	6578	450	-21.6	-35.0	331	4.8	2.9	-5.3	322	322	0	88	2	3367
04	67	7002	425	-24.7	-42.9	331	2.2	2.9	-6.6	322	322	0	88	2	3371
12	70	7449	400	-28.7	-44.3	323	5.5	4.0	-8.6	323	324	3	88	2	3375
20	73	7912	375	-32.5	-49.2	319	4.4	5.7	-10.6	324	324	3	88	2	3379
28	76	8402	350	-35.6	-53.0	333	5.5	6.6	-13.2	324	324	3	88	2	3383
36	79	8920	325	-39.8	-59.9	342	1.1	5.9	-16.2	327	328	0	88	2	3387
44	82	9472	300	-45.3	-69.9	342	0.0	5.9	-18.2	329	328	0	88	2	3391
52	85	10060	275	-50.4	-79.9	342	0.0	5.9	-18.2	329	328	0	88	2	3395
00	88	10688	250	-54.5	-89.9	341	0.0	6.3	-19.2	331	329	9	88	2	3399
08	91	11359	225	-57.7	-99.9	335	4.4	8.8	-19.3	331	329	9	88	2	3403
16	94	12117	200	-59.4	-109.9	307	5.5	18.7	-14.4	334	329	9	88	2	3407
24	97	12953	175	-59.4	-119.9	303	1.1	18.8	-12.3	341	329	9	88	2	3411
32	100	13926	150	-61.3	-129.9	280	2.2	18.3	-10.3	369	329	9	88	2	3415
40	103	15063	125	-61.5	-139.9	280	2.2	17.6	-8.3	384	329	9	88	2	3419
48	106	16442	100	-63.0	-149.9	288	1.1	13.8	-6.3	408	329	9	88	2	3423
56	109	18213	75	-63.0	-159.9	291	1.1	9.9	-4.7	440	329	9	88	2	3427
04	112	20734	50	-63.0	-169.9	265	4.4	3.3	-3.5	504	329	9	88	2	3431
12	115	25166	25	-63.0	-179.9	262	2.2	1.7	-0.4	636	329	9	88	2	3435

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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 11  
BURNET, TEXAS  
1 MAY 1982  
1702 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 MM	AZ DG
00	0		977.0	22.3	18.3	360.0	1.0	0.0	-1.0	297.4	329.3	12.1	69.0	0	0
01	99.9	386.5	1000.0	21.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0
02	0	404.3	975.0	21.7*	99.9	298.9	2.0	1.8	-0.9	297.0	99.9	99.9	99.9	0	0
03	11.6	627.1	950.0	16.3	13.5	55.6	5.4	-4.4	-3.0	294.7	320.7	10.3	93.8	0	0
04	18.4	853.8	925.0	14.7	13.9	91.6	3.8	-3.8	0.1	294.4	322.9	10.3	95.0	0	0
05	2.4	1085.6	900.0	13.4	12.6	141.7	3.3	-2.1	2.6	295.3	322.4	10.3	95.3	0	0
06	18.6	1322.6	875.0	11.0	10.3	152.9	5.6	-2.6	5.1	295.2	319.2	9.0	95.3	0	0
07	21.3	1564.3	850.0	9.1	2.5	146.1	9.1	-5.1	7.5	293.7	311.0	9.0	94.6	0	0
08	23.6	1810.9	825.0	9.7	-8.8	150.4	9.9	-4.9	8.6	298.9	305.8	2.4	28.2	1	4
09	28.3	2066.5	800.0	9.6	-15.0	152.8	9.0	-4.1	8.0	301.4	305.9	1.5	18.0	1	9
10	28.8	2328.7	775.0	7.5	-16.4	155.9	9.4	-3.8	8.5	301.9	306.0	1.4	18.4	2	4
11	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
12	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
13	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
14	41.9	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	2
15	41.9	3751.2	650.0	-2.2	-5.8	184.7	2.6	0.2	2.6	306.5	317.7	3.8	78.2	4	2
16	44.6	4061.8	625.0	-4.1	-7.1	240.9	1.0	0.3	0.5	307.7	318.4	3.6	80.7	4	2
17	47.2	4384.2	600.0	-4.6	-12.5	327.7	0.6	0.3	-0.7	310.8	318.2	2.4	83.3	4	2
18	50.0	4717.7	575.0	-6.7	-15.8	57.2	1.4	-1.1	-0.7	312.1	318.2	1.9	83.3	4	2
19	52.9	5063.7	550.0	-8.7	-15.6	81.0	1.4	-2.0	-0.7	312.1	318.2	1.9	83.3	4	2
20	55.9	5423.4	525.0	-10.0	-15.6	85.7	1.5	-1.4	-0.6	313.8	320.2	2.1	83.3	4	2
21	58.6	5786.1	500.0	-12.3	-30.8	175.9	0.4	-0.0	0.4	318.0	320.0	0.6	20.5	4	2
22	61.9	6188.1	475.0	-14.9	-35.2	287.1	1.5	1.5	0.1	319.5	320.9	0.4	19.7	4	2
23	65.1	6595.0	450.0	-18.0	-40.2	305.3	3.1	2.5	-1.8	320.6	321.5	0.2	15.8	4	2
24	68.4	7019.6	425.0	-21.4	-43.7	30.5	3.8	3.2	-2.0	321.5	322.3	0.2	11.2	4	0
25	71.7	7464.0	400.0	-24.7	-50.4	288.9	5.2	4.9	-1.7	322.9	323.3	0.1	11.2	3	8
26	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
27	78.7	8422.7	350.0	-31.1	-51.3	329.4	8.0	4.4	-7.4	326.8	327.1	0.1	11.6	2	3
28	82.4	8943.4	325.0	-35.5	-49.4	318.1	6.8	6.8	-7.6	327.8	328.2	0.1	22.4	1	7
29	86.0	9495.4	300.0	-39.9	99.9	310.3	12.7	9.7	-8.3	329.2	329.9	99.9	99.9	1	7
30	89.2	10083.5	275.0	-44.8	99.9	310.5	14.5	11.0	-8.3	329.2	329.9	99.9	99.9	1	7
31	92.4	10713.2	250.0	-49.6	99.9	304.2	14.9	12.3	-8.4	332.4	332.4	99.9	99.9	2	9
32	94.4	11394.2	225.0	-49.6	99.9	304.2	14.9	12.3	-8.4	332.4	332.4	99.9	99.9	2	9
33	99.0	12140.6	200.0	-51.1	99.9	301.6	15.7	13.0	-8.8	334.1	334.1	99.9	99.9	4	8
34	103.6	12973.2	175.0	-51.1	99.9	293.8	19.9	17.0	-10.4	339.9	339.9	99.9	99.9	6	5
35	109.0	13940.0	150.0	-51.6	99.9	294.2	23.0	21.0	-9.3	348.3	348.3	99.9	99.9	9	2
36	114.7	15075.7	125.0	-51.9	99.9	288.6	21.6	19.7	-10.4	368.6	368.6	99.9	99.9	12	6
37	121.0	16450.2	100.0	-52.7	99.9	285.0	18.2	17.2	-8.8	383.1	383.1	99.9	99.9	16	8
38	128.0	18230.1	75.0	-52.7	99.9	277.0	13.4	12.8	-3.9	406.6	406.6	99.9	99.9	20	8
39	136.3	20739.9	50.0	-50.2	99.9	4.7	8.9	8.6	-1.1	441.6	441.6	99.9	99.9	24	6
40	146.5	25179.8	25.0	-49.6	99.9	316.7	3.2	-0.2	-2.2	501.7	501.7	99.9	99.9	28	5
41	156.5									642.3	642.3	99.9	99.9	29	6

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

TIME	GMTCT	HEIGHT	PRES	TEMP	DEW	DIR	SPEED	U	V	POT	E	POT	MX	RH	RANGE	AZ
MIN		GPM	MB	DC C	DC C	DIR	M/SEC	M/SEC	M/SEC	DG K	DG K	DG K	GM/KG	PCT	KM	DEG
00	0	386	976	23.8	10.5	95	1	0	0	299	321	3	8.2	47	0	0
01	9	399	975	23.5	9.9	92	9	9	9	298	321	9	9.9	99	9	99
02	9	395	950	19.5	10.8	96	6	3	3	296	321	6	8.4	45	2	350
03	8	620	925	17.8	12.6	111	3	3	4	297	323	3	9.3	65	7	274
04	5	849	900	15.3	12.2	109	0	4	3	297	324	2	10.0	71	9	284
05	9	1083	875	13.2	11.4	129	4	4	1	297	323	9	10.0	82	0	284
06	4	1322	850	11.2	9.7	147	7	5	9	297	323	6	8.9	90	7	294
07	4	1565	825	9.4	8.2	153	0	7	1	298	321	9	8.3	92	3	303
08	7	1814	800	7.5	6.3	155	9	4	2	299	319	6	7.5	92	1	310
09	2	2069	775	6.2	5.0	159	4	7	3	300	319	9	7.1	91	8	315
10	4	2331	750	4.4	3.7	158	5	6	2	301	319	9	6.7	95	5	318
11	5	2598	725	2.6	1.8	152	7	2	5	302	319	2	6.0	94	2	322
12	8	2875	700	0.3	0.3	166	6	5	2	305	319	9	5.6	92	8	322
13	9	3159	675	0.3	-0.4	178	2	4	0	305	319	9	5.1	92	1	324
14	8	3451	650	-0.3	-1.4	182	2	7	2	306	320	0	4.6	91	3	326
15	6	3753	625	-1.7	-3.3	184	4	0	9	307	317	7	4.6	83	5	326
16	3	4063	600	-3.3	-7.0	185	7	0	9	310	318	7	3.9	87	2	326
17	4	4385	575	-5.3	-10.4	190	0	0	7	313	319	5	2.9	83	3	326
18	0	4718	550	-6.8	-16.3	195	8	0	8	315	320	1	1.4	55	4	328
19	3	5064	525	-9.0	-20.9	206	1	1	2	318	320	0	0.9	34	4	333
20	4	5423	500	-13.3	-25.6	212	2	9	0	318	320	0	0.5	21	3	339
21	6	5797	475	-17.9	-33.0	217	4	3	4	320	321	8	0.2	15	0	347
22	2	6185	450	-20.4	-42.0	227	0	6	2	322	323	7	0.2	12	3	356
23	1	6591	425	-24.2	-44.2	234	9	6	1	325	325	8	0.2	12	3	356
24	1	7017	400	-26.4	-45.2	241	6	1	5	326	327	7	0.2	15	0	356
25	6	7463	375	-28.4	-48.9	251	7	4	8	327	328	4	0.1	14	1	356
26	7	7932	350	-30.3	-48.9	263	7	8	8	329	328	4	0.1	13	5	356
27	2	8428	325	-34.6	-52.6	273	6	8	9	329	329	4	9.9	99	9	356
28	1	8951	300	-39.7	-59.9	284	3	10	7	329	329	4	9.9	99	9	356
29	9	9504	275	-44.9	-64.9	286	1	11	9	330	329	9	9.9	99	9	356
30	8	10093	250	-49.9	-69.9	288	1	14	9	331	329	9	9.9	99	9	356
31	7	10723	225	-54.9	-74.9	290	8	18	2	334	334	9	9.9	99	9	356
32	8	11404	200	-59.9	-79.9	290	1	19	3	340	339	9	9.9	99	9	356
33	8	12151	175	-59.9	-84.9	295	7	20	5	352	339	9	9.9	99	9	356
34	8	12984	150	-59.9	-84.9	298	4	22	7	367	339	9	9.9	99	9	356
35	7	13848	125	-62.4	-89.9	298	1	23	8	381	339	9	9.9	99	9	356
36	4	14579	100	-64.0	-94.9	282	3	19	6	408	339	9	9.9	99	9	356
37	6	15079	75	-64.0	-94.9	282	4	15	4	438	339	9	9.9	99	9	356
38	4	15717	50	-64.0	-94.9	282	4	9	9	504	339	9	9.9	99	9	356
39	3	16274	25	-64.9	-94.9	282	0	4	0	601	339	9	9.9	99	9	356
40	7	16774	25	-64.9	-94.9	282	0	4	0	601	339	9	9.9	99	9	356
41	3	17174	25	-64.9	-94.9	282	0	4	0	601	339	9	9.9	99	9	356
42	6	17174	25	-64.9	-94.9	282	0	4	0	601	339	9	9.9	99	9	356

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9

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 11  
BURNET, TEXAS  
1 MAY 1982  
2307 GMT

TIME MIN	QNTCT	HEIGHT GPM	PRES INB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MAX RTO GM/KG	RH PCT	RANGE KM	155 RANGE KM	15 RANGE KM	AZ DG
0.0	8.5	386.5	974.3	22.2	15.8	80.0	5.0	-4.3	-2.5	297.6	328.5	11.7	67.0	0.0	0.0	0.0	0.0
1.3	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	10.7	605.5	950.0	19.9	14.6	82.1	7.7	-7.7	-1.1	297.4	328.7	11.1	99.9	0.4	0.4	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	0.6	0.6	0.6	263
2.3	15.5	1089.1	900.0	16.0	12.3	101.9	5.3	-5.2	2.4	298.0	324.9	10.1	78.5	1.1	1.3	265	
3.3	17.9	1308.4	875.0	14.4	10.9	122.0	4.6	-3.6	3.5	298.7	324.1	9.5	79.8	1.3	2.7	277	
4.2	20.4	1552.9	850.0	12.2	9.1	132.7	5.2	-3.8	4.1	298.9	322.1	8.6	81.3	1.5	2.7	277	
5.1	22.8	1802.7	825.0	10.1	7.8	139.8	5.4	-3.5	5.0	299.3	321.0	7.5	85.5	1.8	2.8	283	
6.1	25.9	2056.5	800.0	8.8	6.3	152.0	5.7	-2.7	4.1	300.3	321.0	6.1	85.5	2.0	2.8	289	
7.2	27.8	2320.8	775.0	7.6	5.3	164.6	5.3	-1.7	5.0	302.6	319.4	6.6	81.9	2.3	3.0	296	
8.4	30.3	2590.1	750.0	6.6	4.6	178.4	4.6	-0.1	5.7	302.8	317.8	5.3	69.7	2.6	3.0	305	
9.6	32.9	2866.9	725.0	5.7	3.9	188.2	4.6	-0.7	4.2	303.7	317.9	5.0	71.7	2.8	3.1	311	
10.7	35.5	3151.5	700.0	4.7	3.2	199.9	4.6	-0.7	2.6	304.4	319.8	5.3	86.1	3.0	3.1	315	
11.8	38.2	3444.2	675.0	3.7	2.7	212.9	4.6	-0.8	0.3	305.8	320.7	5.2	91.2	3.1	3.1	315	
12.9	40.9	3745.7	650.0	2.3	2.3	225.9	4.6	-0.7	0.3	303.3	320.7	4.7	94.4	3.1	3.1	315	
14.1	43.7	4056.3	625.0	1.0	1.5	233.3	4.6	-0.7	1.2	307.9	316.0	2.7	59.7	3.2	3.1	318	
15.3	46.5	4379.3	600.0	0.2	1.1	245.2	4.6	-0.7	1.2	311.6	316.8	1.6	34.6	3.2	3.1	318	
16.5	49.4	4713.8	575.0	0.2	0.2	257.7	4.6	-0.7	1.5	312.8	317.8	1.6	37.7	3.2	3.2	321	
17.8	52.3	5060.5	550.0	0.2	0.2	270.6	4.6	-0.7	1.5	314.7	316.9	0.7	17.7	3.2	3.2	324	
19.0	55.3	5420.6	525.0	0.2	0.2	284.9	4.6	-0.7	1.7	316.2	316.2	0.6	15.2	3.2	3.2	326	
20.3	58.4	5794.2	500.0	0.2	0.2	297.9	4.6	-0.7	1.4	317.0	316.2	0.6	15.4	3.2	3.2	329	
21.6	61.5	6184.0	475.0	0.2	0.2	311.9	4.6	-0.7	1.4	320.2	320.2	0.5	15.4	3.2	3.2	332	
23.1	64.7	6592.0	450.0	0.2	0.2	326.7	4.6	-0.7	1.4	322.0	320.2	0.5	15.4	3.2	3.2	335	
24.6	68.0	7018.6	425.0	0.2	0.2	342.1	4.6	-0.7	1.4	324.3	323.0	0.3	12.5	3.2	3.2	338	
26.3	71.4	7467.1	400.0	0.2	0.2	357.8	4.6	-0.7	1.4	326.6	325.3	0.3	12.9	3.2	3.2	344	
27.7	74.8	7936.5	375.0	0.2	0.2	373.2	4.6	-0.7	1.4	328.6	327.2	0.2	12.9	3.2	3.2	356	
29.4	78.6	8430.9	350.0	0.2	0.2	388.2	4.6	-0.7	1.4	326.6	327.2	0.2	12.9	3.2	3.2	356	
31.0	82.3	8952.9	325.0	0.2	0.2	403.2	4.6	-0.7	1.4	328.6	327.2	0.1	12.8	3.2	3.2	356	
32.8	86.3	9505.2	300.0	0.2	0.2	418.2	4.6	-0.7	1.4	328.6	328.6	0.1	12.8	3.2	3.2	356	
34.8	90.5	10092.5	275.0	0.2	0.2	433.2	4.6	-0.7	1.4	328.6	328.6	0.1	12.8	3.2	3.2	356	
36.8	94.8	10722.7	250.0	0.2	0.2	448.2	4.6	-0.7	1.4	328.6	328.6	0.1	12.8	3.2	3.2	356	
39.2	99.4	11408.3	225.0	0.2	0.2	463.2	4.6	-0.7	1.4	328.6	328.6	0.1	12.8	3.2	3.2	356	
41.7	104.5	12157.2	200.0	0.2	0.2	478.2	4.6	-0.7	1.4	328.6	328.6	0.1	12.8	3.2	3.2	356	
44.3	110.0	12989.7	175.0	0.2	0.2	493.2	4.6	-0.7	1.4	328.6	328.6	0.1	12.8	3.2	3.2	356	
47.3	115.7	13904.4	150.0	0.2	0.2	508.2	4.6	-0.7	1.4	328.6	328.6	0.1	12.8	3.2	3.2	356	
50.6	122.2	15074.1	125.0	0.2	0.2	523.2	4.6	-0.7	1.4	328.6	328.6	0.1	12.8	3.2	3.2	356	
54.5	136.0	16441.7	100.0	0.2	0.2	538.2	4.6	-0.7	1.4	328.6	328.6	0.1	12.8	3.2	3.2	356	
58.6	147.7	18201.2	75.0	0.2	0.2	553.2	4.6	-0.7	1.4	328.6	328.6	0.1	12.8	3.2	3.2	356	
66.3	158.0	20712.1	50.0	0.2	0.2	568.2	4.6	-0.7	1.4	328.6	328.6	0.1	12.8	3.2	3.2	356	
76.8	158.0	25133.8	25.0	0.2	0.2	583.2	4.6	-0.7	1.4	328.6	328.6	0.1	12.8	3.2	3.2	356	

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TIME	TIME	CTNCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	FQT F	E POT T	MAX WTD	RH	RANGE	AZ	DG
MIM	MIM		CSM	MB	DG C	DG C	DG	M/SEC	M/SEC	M/SEC	DG K	DG K	GM/KG	PCT	KM	DEG	DEG
00	00	00	386	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	389	1000	20	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	390	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	391	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	392	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	393	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	394	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	395	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	396	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	397	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	398	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	399	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	400	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	401	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	402	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	403	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	404	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	405	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	406	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	407	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	408	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	409	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	410	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	411	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	412	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	413	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	414	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	415	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	416	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	417	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	418	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	419	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	420	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	421	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	422	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	423	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	424	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	425	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	426	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	427	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	428	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	429	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	430	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	431	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	432	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	433	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	434	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	435	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	436	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	437	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	438	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	439	975	18	15	00	00	00	00	294	324	11	00	00	00	00
00	00	00	440	975	18	15	00	00	00	00	294	324	11	00	00	00	00

.. BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
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 .. 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 11  
BURNET, TEXAS  
2 MAY 1982  
503 GMT

TIME MIN	CMTC	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MI RTD GM/KG	RH PCT	RANGE KM	AZ DG
00	00	388.5	976.0	17.9	16.6	00	00	00	00	293.1	324.9	12.3	92.0	00	00
00	00	388.5	1000.0	17.9	16.6	00	99.9	99.9	99.9	293.1	324.9	12.3	92.0	00	00
00	00	388.5	975.0	17.9	16.6	12.3	00	00	00	293.1	324.9	12.3	92.0	00	00
00	00	388.5	975.0	17.9	16.6	123.3	00	00	00	293.1	324.9	12.3	92.0	00	00
01	00	388.5	975.0	16.8	14.0	128.0	11.4	-6.2	5.4	284.2	326.0	12.2	95.5	00	00
01	00	388.5	975.0	16.8	14.0	131.9	10.6	-9.0	7.0	285.6	327.5	10.9	88.0	00	00
02	00	388.5	975.0	16.8	11.6	142.5	10.6	-7.9	7.1	286.9	327.5	9.7	81.5	00	00
03	00	388.5	975.0	16.8	11.6	142.5	10.6	-5.4	7.1	286.9	327.5	9.7	81.5	00	00
03	00	388.5	975.0	16.8	11.6	148.3	6.1	-3.2	5.2	288.3	320.8	8.9	82.5	00	00
04	00	388.5	975.0	16.8	11.6	148.3	6.1	-2.5	4.1	288.3	321.5	8.2	86.1	00	00
05	00	388.5	975.0	16.8	11.6	152.8	4.9	-2.2	4.3	289.8	321.6	8.0	86.1	00	00
06	00	388.5	975.0	16.8	11.6	164.1	3.5	0.3	3.5	301.9	320.1	6.9	87.3	00	00
07	00	388.5	975.0	16.8	11.6	179.9	2.4	0.6	2.5	301.9	316.2	5.1	70.3	00	00
08	00	388.5	975.0	16.8	11.6	183.9	2.2	0.0	2.4	304.2	317.3	4.6	63.6	00	00
09	00	388.5	975.0	16.8	11.6	183.9	2.2	0.2	2.3	305.5	317.7	4.2	63.6	00	00
10	00	388.5	975.0	16.8	11.6	181.4	2.7	-0.8	2.5	306.5	318.0	4.4	71.6	00	00
11	00	388.5	975.0	16.8	11.6	170.5	2.6	-0.5	2.6	306.5	319.2	4.4	67.4	00	00
12	00	388.5	975.0	16.8	11.6	170.5	2.6	-0.5	2.6	306.5	319.2	4.4	67.4	00	00
13	00	388.5	975.0	16.8	11.6	219.1	2.5	1.6	2.0	310.7	318.6	2.6	58.3	00	00
14	00	388.5	975.0	16.8	11.6	232.3	3.0	2.2	1.8	312.3	318.6	2.1	58.3	00	00
15	00	388.5	975.0	16.8	11.6	232.3	3.0	2.2	2.0	312.3	318.6	2.1	58.3	00	00
16	00	388.5	975.0	16.8	11.6	227.9	3.7	2.5	2.7	313.4	318.4	1.9	54.2	00	00
17	00	388.5	975.0	16.8	11.6	236.1	3.1	2.2	2.0	315.2	320.6	1.7	54.2	00	00
18	00	388.5	975.0	16.8	11.6	236.1	3.1	2.2	2.0	315.2	320.6	1.7	54.2	00	00
19	00	388.5	975.0	16.8	11.6	317.0	5.9	4.0	4.3	320.7	322.3	0.5	70.4	00	00
20	00	388.5	975.0	16.8	11.6	307.9	7.1	5.6	4.3	320.7	322.3	0.5	70.4	00	00
21	00	388.5	975.0	16.8	11.6	287.4	7.4	6.6	4.3	321.9	322.3	0.5	70.4	00	00
22	00	388.5	975.0	16.8	11.6	293.3	6.3	7.6	3.4	322.4	323.3	0.2	14.2	00	00
23	00	388.5	975.0	16.8	11.6	301.2	8.4	8.0	3.3	323.0	323.3	0.2	14.2	00	00
24	00	388.5	975.0	16.8	11.6	292.9	9.4	8.0	3.3	324.0	325.1	0.1	12.2	00	00
25	00	388.5	975.0	16.8	11.6	294.9	10.3	9.5	4.0	325.5	325.9	0.1	13.6	00	00
26	00	388.5	975.0	16.8	11.6	291.9	17.0	15.8	4.2	326.7	326.9	0.1	13.6	00	00
27	00	388.5	975.0	16.8	11.6	289.9	23.0	22.3	6.3	330.1	330.3	0.1	13.6	00	00
28	00	388.5	975.0	16.8	11.6	289.9	28.4	26.7	7.6	332.5	332.9	0.1	13.6	00	00
29	00	388.5	975.0	16.8	11.6	99.9	99.9	99.9	99.9	334.4	999.9	99.9	99.9	00	00
30	00	388.5	975.0	16.8	11.6	99.9	99.9	99.9	99.9	335.4	999.9	99.9	99.9	00	00
31	00	388.5	975.0	16.8	11.6	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	00	00
32	00	388.5	975.0	16.8	11.6	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	00	00
33	00	388.5	975.0	16.8	11.6	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	00	00
34	00	388.5	975.0	16.8	11.6	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	00	00
35	00	388.5	975.0	16.8	11.6	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	00	00
36	00	388.5	975.0	16.8	11.6	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	00	00
37	00	388.5	975.0	16.8	11.6	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	00	00
38	00	388.5	975.0	16.8	11.6	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	00	00
39	00	388.5	975.0	16.8	11.6	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	00	00
40	00	388.5	975.0	16.8	11.6	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	00	00
41	00	388.5	975.0	16.8	11.6	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	00	00
42	00	388.5	975.0	16.8	11.6	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	00	00
43	00	388.5	975.0	16.8	11.6	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	00	00
44	00	388.5	975.0	16.8	11.6	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	00	00
45	00	388.5	975.0	16.8	11.6	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	00	00
46	00	388.5	975.0	16.8	11.6	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	00	00
47	00	388.5	975.0	16.8	11.6	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	00	00
48	00	388.5	975.0	16.8	11.6	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	00	00
49	00	388.5	975.0	16.8	11.6	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	00	00
50	00	388.5	975.0	16.8	11.6	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	00	00

\* BY SPEED MEANS ELEVATION 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 12  
COLLEGE STATION, TEXAS  
1 MAY 1100 GMT 1982

TIME HH	CNTCT	HEIGHT CFM	PRES MB	TEMP DG C	DEM PT 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/MG	PH PCT	RANGE KM	AZ DC
00	0	79	1009.6	18.9	16.6	999.9	99.9	99.9	99.9	291.1	321.6	11.9	87.0	999.9	999.9
01	6	99	1009.0	99.9	99.9	999.9	99.9	99.9	99.9	49.9	99.9	99.9	999.9	999.9	999.9
02	9	99	875.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
03	11	99	950.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
04	13	99	925.0	17.7	8.8	999.9	99.9	99.9	99.9	297.4	318.3	7.3	56.2	999.9	999.9
05	18	99	900.0	16.9	11.1	999.9	99.9	99.9	99.9	288.8	322.9	6.3	68.6	999.9	999.9
06	20	99	875.0	14.1	10.1	999.9	99.9	99.9	99.9	288.4	322.4	8.9	77.1	999.9	999.9
07	23	99	850.0	13.1	8.9	999.9	99.9	99.9	99.9	299.9	322.6	8.5	75.6	999.9	999.9
08	25	99	825.0	11.0	7.6	999.9	99.9	99.9	99.9	300.2	321.9	8.0	79.4	999.9	999.9
09	28	99	800.0	9.8	3.4	999.9	99.9	99.9	99.9	301.3	318.4	6.2	65.8	999.9	999.9
10	30	99	775.0	7.8	-1.4	999.9	99.9	99.9	99.9	302.2	314.9	4.5	51.9	999.9	999.9
11	33	99	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
12	36	99	725.0	3.8	-4.7	999.9	99.9	99.9	99.9	303.7	314.5	3.8	54.3	999.9	999.9
13	38	99	700.0	1.7	-7.5	999.9	99.9	99.9	99.9	304.4	313.5	3.1	50.2	999.9	999.9
14	41	99	675.0	-0.2	-10.4	999.9	99.9	99.9	99.9	305.4	313.3	2.7	49.0	999.9	999.9
15	44	99	650.0	-2.5	-11.8	999.9	99.9	99.9	99.9	306.1	314.8	2.4	48.8	999.9	999.9
16	47	99	625.0	-4.8	-10.4	999.9	99.9	99.9	99.9	306.5	317.9	2.2	46.8	999.9	999.9
17	49	99	600.0	-6.8	-7.6	999.9	99.9	99.9	99.9	308.2	317.9	2.2	44.7	999.9	999.9
18	52	99	575.0	-8.6	-7.0	999.9	99.9	99.9	99.9	312.1	323.3	2.3	43.9	999.9	999.9
19	55	99	550.0	-11.5	-12.2	999.9	99.9	99.9	99.9	314.6	323.4	2.3	42.4	999.9	999.9
20	58	99	525.0	-14.2	-15.2	999.9	99.9	99.9	99.9	315.7	323.0	2.3	40.3	999.9	999.9
21	01	99	500.0	-16.8	-18.4	999.9	99.9	99.9	99.9	317.0	323.0	2.3	38.5	999.9	999.9
22	04	99	475.0	-19.5	-21.3	999.9	99.9	99.9	99.9	318.7	323.7	1.5	35.5	999.9	999.9
23	07	99	450.0	-22.7	-25.0	999.9	99.9	99.9	99.9	319.9	323.7	1.2	31.4	999.9	999.9
24	10	99	425.0	-26.1	-29.0	999.9	99.9	99.9	99.9	321.1	324.6	0.9	27.3	999.9	999.9
25	13	99	400.0	-29.6	-33.0	999.9	99.9	99.9	99.9	322.4	324.1	0.6	23.3	999.9	999.9
26	16	99	375.0	-34.2	-38.0	999.9	99.9	99.9	99.9	322.4	324.1	0.4	19.3	999.9	999.9
27	19	99	350.0	-38.7	-43.0	999.9	99.9	99.9	99.9	323.4	324.3	0.3	15.3	999.9	999.9
28	22	99	325.0	-43.5	-48.9	999.9	99.9	99.9	99.9	324.1	324.3	0.3	11.3	999.9	999.9
29	25	99	300.0	-49.0	-54.9	999.9	99.9	99.9	99.9	324.3	324.3	0.3	7.3	999.9	999.9
30	28	99	275.0	-54.4	-60.9	999.9	99.9	99.9	99.9	326.8	324.3	0.3	3.3	999.9	999.9
31	31	99	250.0	-59.9	-66.9	999.9	99.9	99.9	99.9	326.8	324.3	0.3	0.3	999.9	999.9
32	34	99	225.0	-65.6	-72.9	999.9	99.9	99.9	99.9	324.2	324.3	0.3	0.3	999.9	999.9
33	37	99	200.0	-70.6	-78.9	999.9	99.9	99.9	99.9	324.2	324.3	0.3	0.3	999.9	999.9
34	40	99	175.0	-75.7	-84.9	999.9	99.9	99.9	99.9	324.2	324.3	0.3	0.3	999.9	999.9
35	43	99	150.0	-80.8	-90.9	999.9	99.9	99.9	99.9	324.2	324.3	0.3	0.3	999.9	999.9
36	46	99	125.0	-85.9	-96.9	999.9	99.9	99.9	99.9	324.2	324.3	0.3	0.3	999.9	999.9
37	49	99	100.0	-91.0	-102.9	999.9	99.9	99.9	99.9	324.2	324.3	0.3	0.3	999.9	999.9
38	52	99	75.0	-96.1	-108.9	999.9	99.9	99.9	99.9	324.2	324.3	0.3	0.3	999.9	999.9
39	55	99	50.0	-101.2	-114.9	999.9	99.9	99.9	99.9	324.2	324.3	0.3	0.3	999.9	999.9
40	58	99	25.0	-106.3	-120.9	999.9	99.9	99.9	99.9	324.2	324.3	0.3	0.3	999.9	999.9
41	01	99	0.0	-111.4	-126.9	999.9	99.9	99.9	99.9	324.2	324.3	0.3	0.3	999.9	999.9
42	04	99	0.0	-116.5	-132.9	999.9	99.9	99.9	99.9	324.2	324.3	0.3	0.3	999.9	999.9
43	07	99	0.0	-121.6	-138.9	999.9	99.9	99.9	99.9	324.2	324.3	0.3	0.3	999.9	999.9
44	10	99	0.0	-126.7	-144.9	999.9	99.9	99.9	99.9	324.2	324.3	0.3	0.3	999.9	999.9
45	13	99	0.0	-131.8	-150.9	999.9	99.9	99.9	99.9	324.2	324.3	0.3	0.3	999.9	999.9
46	16	99	0.0	-136.9	-156.9	999.9	99.9	99.9	99.9	324.2	324.3	0.3	0.3	999.9	999.9
47	19	99	0.0	-142.0	-162.9	999.9	99.9	99.9	99.9	324.2	324.3	0.3	0.3	999.9	999.9
48	22	99	0.0	-147.1	-168.9	999.9	99.9	99.9	99.9	324.2	324.3	0.3	0.3	999.9	999.9
49	25	99	0.0	-152.2	-174.9	999.9	99.9	99.9	99.9	324.2	324.3	0.3	0.3	999.9	999.9
50	28	99	0.0	-157.3	-180.9	999.9	99.9	99.9	99.9	324.2	324.3	0.3	0.3	999.9	999.9
51	31	99	0.0	-162.4	-186.9	999.9	99.9	99.9	99.9	324.2	324.3	0.3	0.3	999.9	999.9
52	34	99	0.0	-167.5	-192.9	999.9	99.9	99.9	99.9	324.2	324.3	0.3	0.3	999.9	999.9
53	37	99	0.0	-172.6	-198.9	999.9	99.9	99.9	99.9	324.2	324.3	0.3	0.3	999.9	999.9
54	40	99	0.0	-177.7	-204.9	999.9	99.9	99.9	99.9	324.2	324.3	0.3	0.3	999.9	999.9
55	43	99	0.0	-182.8	-210.9	999.9	99.9	99.9	99.9	324.2	324.3	0.3	0.3	999.9	999.9
56	46	99	0.0	-187.9	-216.9	999.9	99.9	99.9	99.9	324.2	324.3	0.3	0.3	999.9	999.9
57	49	99	0.0	-193.0	-222.9	999.9	99.9	99.9	99.9	324.2	324.3	0.3	0.3	999.9	999.9
58	52	99	0.0	-198.1	-228.9	999.9	99.9	99.9	99.9	324.2	324.3	0.3	0.3	999.9	999.9
59	55	99	0.0	-203.2	-234.9	999.9	99.9	99.9	99.9	324.2	324.3	0.3	0.3	999.9	999.9
60	58	99	0.0	-208.3	-240.9	999.9	99.9	99.9	99.9	324.2	324.3	0.3	0.3	999.9	999.9

• BY SPEED MEANS ELEVATION ABOVE SEA LEVEL IN 6 AND 10 DEG  
 • BY TEMP MEANS TEMPERATURE IN TIME 5 BEEM INTERPOLATED  
 • BY SPEED MEANS SPEED ON WIND 5 BEEM INTERPOLATED  
 • BY TEMP MEANS TEMPERATURE ON WIND 5 BEEM INTERPOLATED  
 • BY SPEED MEANS SPEED ON WIND 5 BEEM INTERPOLATED  
 • BY TEMP MEANS TEMPERATURE ON WIND 5 BEEM INTERPOLATED

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 12  
COLLEGE STATION, TEXAS  
1 MAY 1962  
1405 GMT

TIME MIN	CNTCT	WEIGHT TYP	PRES INB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DC K	E POT T DG K	ML RTD GM/KG	RH PCT	RANGE KM	AZ DG
0 3	5 0	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 9	6 0	174 0	1000 0	19 3	99 0	99 0	99 0	99 0	99 0	292.4	323 9	99 9	99 9	99 9	999
0 9	9 1	390 0	975 0	18 1	99 0	99 0	99 0	99 0	99 0	293.4	323 9	99 9	99 9	99 9	999
1 0	11 4	613 0	950 0	16 5	12 1	99 0	99 0	99 0	99 0	296 0	322 2	9 4	65 3	99 9	999
2 4	13 0	841 0	925 0	15 0	11 0	99 0	99 0	99 0	99 0	297 0	322 2	9 6	72 2	99 9	999
3 4	16 0	1075 0	900 0	14 4	99 0	99 0	99 0	99 0	99 0	297 0	322 2	11 5	92 1	99 9	999
4 1	18 0	1313 0	875 0	13 0	99 0	99 0	99 0	99 0	99 0	297 0	322 2	99 0	99 9	99 9	999
5 2	20 0	1557 0	850 0	12 0	99 0	99 0	99 0	99 0	99 0	300 1	318 0	99 0	99 9	99 9	999
6 1	22 0	1807 0	825 0	11 4	99 0	99 0	99 0	99 0	99 0	300 6	318 0	6 4	99 9	99 9	999
6 9	25 0	2054 0	800 0	10 8	3 5	173 1	8 0	-4 5	4 0	301 7	318 0	6 2	84 2	2 8	287
7 0	27 0	2327 0	775 0	7 3	1 1	157 5	6 4	-2 5	6 0	301 7	318 0	6 2	65 0	3 1	300
7 0	30 0	2590 1	750 0	4 7	0 1	171 0	7 1	0 2	7 1	302 1	315 6	5 2	77 0	3 4	305
8 0	33 0	2871 4	725 0	2 4	-1 2	181 4	7 5	1 0	7 5	302 1	315 6	4 6	77 0	3 6	305
9 0	36 0	3154 8	700 0	1 0	-1 9	193 5	7 8	1 0	7 6	303 6	317 2	4 7	80 7	3 8	315
10 0	38 0	3448 5	675 0	-1 1	-5 7	193 0	9 5	2 3	9 2	304 5	315 2	4 7	70 6	4 2	322
11 0	41 0	3748 7	650 0	-2 1	-2 6	200 4	10 2	3 0	9 6	306 6	320 6	4 9	96 3	4 6	28
12 0	43 0	4037 9	625 0	-3 0	-4 3	216 9	11 1	4 8	9 6	308 4	321 4	4 5	94 8	5 0	335
13 0	46 0	4329 8	600 0	-4 0	-8 2	241 2	12 4	4 3	2 4	309 0	321 3	3 9	94 2	5 1	339
14 0	49 0	4623 2	575 0	-5 7	-10 6	263 7	13 2	3 2	0 4	311 3	322 0	3 1	93 8	5 1	342
15 0	52 0	4918 4	550 0	-6 9	-12 8	286 0	13 5	3 3	0 4	312 4	322 0	3 1	92 1	5 0	346
16 0	55 0	5210 4	525 0	-8 1	-16 4	301 0	13 2	3 3	0 4	315 1	322 4	3 1	92 3	4 9	349
17 0	58 0	5508 5	500 0	-9 9	-20 1	316 0	12 5	3 2	0 4	318 5	321 7	3 1	78 0	4 4	350
18 0	61 0	5808 3	475 0	-11 3	-23 4	331 0	11 1	2 5	0 7	319 0	322 2	3 1	75 0	4 4	353
19 0	64 0	6115 0	450 0	-13 1	-27 2	346 0	9 4	1 2	0 9	319 0	322 2	3 1	70 8	4 4	353
20 0	67 0	6428 4	425 0	-15 0	-31 0	361 0	7 8	0 4	2 0	320 6	323 0	3 0	65 3	4 3	355
21 0	70 0	6740 6	400 0	-16 8	-34 6	374 0	6 2	1 0	2 0	322 0	323 0	3 0	63 7	4 3	355
22 0	73 0	7053 9	375 0	-18 6	-38 3	388 0	4 6	0 8	2 0	322 0	323 0	3 0	62 2	4 3	355
23 0	76 0	7367 2	350 0	-20 4	-42 0	402 0	3 0	0 8	2 0	322 0	323 0	3 0	60 7	4 3	355
24 0	79 0	7680 5	325 0	-22 2	-45 6	416 0	1 4	0 8	2 0	322 0	323 0	3 0	59 2	4 3	355
25 0	82 0	8000 8	300 0	-24 0	-49 3	430 0	0 8	0 8	2 0	322 0	323 0	3 0	57 7	4 3	355
26 0	85 0	8313 1	275 0	-25 8	-53 0	444 0	0 8	0 8	2 0	322 0	323 0	3 0	56 2	4 3	355
27 0	88 0	8626 4	250 0	-27 6	-56 6	458 0	0 8	0 8	2 0	322 0	323 0	3 0	54 7	4 3	355
28 0	91 0	8939 7	225 0	-29 4	-60 3	472 0	0 8	0 8	2 0	322 0	323 0	3 0	53 2	4 3	355
29 0	94 0	9253 0	200 0	-31 2	-64 0	486 0	0 8	0 8	2 0	322 0	323 0	3 0	51 7	4 3	355
30 0	97 0	9566 3	175 0	-33 0	-67 6	500 0	0 8	0 8	2 0	322 0	323 0	3 0	50 2	4 3	355
31 0	100 0	9879 6	150 0	-34 8	-71 3	514 0	0 8	0 8	2 0	322 0	323 0	3 0	48 7	4 3	355
32 0	103 0	10193 0	125 0	-36 6	-75 0	528 0	0 8	0 8	2 0	322 0	323 0	3 0	47 2	4 3	355
33 0	106 0	10506 3	100 0	-38 4	-78 6	542 0	0 8	0 8	2 0	322 0	323 0	3 0	45 7	4 3	355
34 0	109 0	10820 0	75 0	-40 2	-82 3	556 0	0 8	0 8	2 0	322 0	323 0	3 0	44 2	4 3	355
35 0	112 0	11133 0	50 0	-42 0	-86 0	570 0	0 8	0 8	2 0	322 0	323 0	3 0	42 7	4 3	355
36 0	115 0	11447 0	25 0	-43 8	-89 6	584 0	0 8	0 8	2 0	322 0	323 0	3 0	41 2	4 3	355
37 0	118 0	11760 0	0 0	-45 6	-93 3	598 0	0 8	0 8	2 0	322 0	323 0	3 0	39 7	4 3	355
38 0	121 0	12074 0	0 0	-47 4	-97 0	612 0	0 8	0 8	2 0	322 0	323 0	3 0	38 2	4 3	355
39 0	124 0	12388 0	0 0	-49 2	-100 6	626 0	0 8	0 8	2 0	322 0	323 0	3 0	36 7	4 3	355
40 0	127 0	12702 0	0 0	-51 0	-104 3	640 0	0 8	0 8	2 0	322 0	323 0	3 0	35 2	4 3	355
41 0	130 0	13016 0	0 0	-52 8	-108 0	654 0	0 8	0 8	2 0	322 0	323 0	3 0	33 7	4 3	355
42 0	133 0	13330 0	0 0	-54 6	-111 6	668 0	0 8	0 8	2 0	322 0	323 0	3 0	32 2	4 3	355
43 0	136 0	13644 0	0 0	-56 4	-115 3	682 0	0 8	0 8	2 0	322 0	323 0	3 0	30 7	4 3	355
44 0	139 0	13958 0	0 0	-58 2	-119 0	696 0	0 8	0 8	2 0	322 0	323 0	3 0	29 2	4 3	355
45 0	142 0	14272 0	0 0	-60 0	-122 6	710 0	0 8	0 8	2 0	322 0	323 0	3 0	27 7	4 3	355
46 0	145 0	14586 0	0 0	-61 8	-126 3	724 0	0 8	0 8	2 0	322 0	323 0	3 0	26 2	4 3	355
47 0	148 0	14900 0	0 0	-63 6	-130 0	738 0	0 8	0 8	2 0	322 0	323 0	3 0	24 7	4 3	355
48 0	151 0	15214 0	0 0	-65 4	-133 6	752 0	0 8	0 8	2 0	322 0	323 0	3 0	23 2	4 3	355
49 0	154 0	15528 0	0 0	-67 2	-137 3	766 0	0 8	0 8	2 0	322 0	323 0	3 0	21 7	4 3	355
50 0	157 0	15842 0	0 0	-69 0	-141 0	780 0	0 8	0 8	2 0	322 0	323 0	3 0	20 2	4 3	355
51 0	160 0	16156 0	0 0	-70 8	-144 6	794 0	0 8	0 8	2 0	322 0	323 0	3 0	18 7	4 3	355
52 0	163 0	16470 0	0 0	-72 6	-148 3	808 0	0 8	0 8	2 0	322 0	323 0	3 0	17 2	4 3	355
53 0	166 0	16784 0	0 0	-74 4	-152 0	822 0	0 8	0 8	2 0	322 0	323 0	3 0	15 7	4 3	355
54 0	169 0	17098 0	0 0	-76 2	-155 6	836 0	0 8	0 8	2 0	322 0	323 0	3 0	14 2	4 3	355
55 0	172 0	17412 0	0 0	-78 0	-159 3	850 0	0 8	0 8	2 0	322 0	323 0	3 0	12 7	4 3	355
56 0	175 0	17726 0	0 0	-79 8	-163 0	864 0	0 8	0 8	2 0	322 0	323 0	3 0	11 2	4 3	355
57 0	178 0	18040 0	0 0	-81 6	-166 6	878 0	0 8	0 8	2 0	322 0	323 0	3 0	9 7	4 3	355
58 0	181 0	18354 0	0 0	-83 4	-170 3	892 0	0 8	0 8	2 0	322 0	323 0	3 0	8 2	4 3	355
59 0	184 0	18668 0	0 0	-85 2	-174 0	906 0	0 8	0 8	2 0	322 0	323 0	3 0	6 7	4 3	355
60 0	187 0	18982 0	0 0	-87 0	-177 6	920 0	0 8	0 8	2 0	322 0	323 0	3 0	5 2	4 3	355
61 0	190 0	19296 0	0 0	-88 8	-181 3	934 0	0 8	0 8	2 0	322 0	323 0	3 0	3 7	4 3	355
62 0	193 0	19610 0	0 0	-90 6	-185 0	948 0	0 8	0 8	2 0	322 0	323 0	3 0	2 2	4 3	355
63 0	196 0	19924 0	0 0	-92 4	-188 6	962 0	0 8	0 8	2 0	322 0	323 0	3 0	0 7	4 3	355
64 0	199 0	20238 0	0 0	-94 2	-192 3	976 0	0 8	0 8	2 0	322 0	323 0	3 0	0 0	4 3	355
65 0	202 0	20552 0	0 0	-96 0	-196 0	990 0	0 8	0 8	2 0	322 0	323 0	3 0	0 0	4 3	355
66 0	205 0	20866 0	0 0	-97 8	-199 6	1004 0	0 8	0 8	2 0	322 0	323 0	3 0	0 0	4 3	355
67 0	208 0	21180 0	0 0	-99 6	-203 3	1018 0	0 8	0 8	2 0	322 0	323 0	3 0	0 0	4 3	355
68 0	211 0	21494 0	0 0	-101 4	-207 0	1032 0	0 8	0 8	2 0	322 0	323 0	3 0	0 0	4 3	355
69 0	214 0	21808 0	0 0	-103 2	-210 6	1046 0	0 8	0 8	2 0	322 0	323 0	3 0	0 0	4 3	355
70 0	217 0	22122 0	0 0	-105 0	-214 3	1060 0	0 8	0 8	2 0	322 0	323 0	3 0	0 0	4 3	355

\* 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 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 1962  
1706 GMT

TIME MIN	CNTCT	WEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DI* DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT Y DG K	E POT T DG K	MY RIO CM/KG	MU PCT	RANGE KM	AZ DG
0 0	7 0	78 0	1012 0	20 3	18 7	365 0	2 6	0 0	-2 6	292 7	323 2	11 9	0 0	2 1	3
0 1	0 3	188 2	1000 0	17 6	18 9	349 0	9 9	0 0	9 9	291 0	353 9	99 9	999 9	999 9	999 9
0 2	0 3	488 7	975 0	17 6	13 7	388 0	9 9	0 0	9 9	293 1	318 3	74 7	999 9	999 9	999 9
0 3	11 1	829 3	950 0	15 5	13 9	399 0	9 9	0 0	9 9	28 0	322 3	10 4	0 3	302	296
0 4	14 5	1088 9	900 0	14 6	11 7	421 0	10 5	-10 3	2 9	25 2	323 8	10 9	0 3	302	302
0 5	19 0	1327 8	875 0	13 2	12 2	433 0	10 5	-6 8	1 9	286 9	322 3	10 3	0 3	288	288
0 6	23 5	1571 7	850 0	12 0	6 6	404 0	8 8	-8 2	1 2	298 7	416 4	17 2	1 6	285	285
0 7	28 5	1821 0	825 0	9 6	5 4	413 0	8 0	-7 3	2 1	300 8	17 5	6 9	2 0	285	285
0 8	33 0	2076 0	800 0	8 4	0 7	413 0	8 0	-4 2	3 3	300 8	21 2	7 7	2 0	286	286
0 9	37 7	2330 4	775 0	6 3	5 9	413 0	7 3	-1 7	5 7	301 5	321 3	7 5	2 0	286	286
1 0	42 3	2607 2	750 0	4 5	3 6	413 0	7 3	-0 3	7 1	302 3	319 1	6 7	2 0	284	284
1 1	47 0	3188 0	725 0	2 5	1 8	413 0	6 5	0 3	9 4	303 4	319 0	6 0	3 0	284	284
1 2	52 0	3458 0	700 0	0 7	-1 3	413 0	5 5	3 3	9 0	304 9	319 0	5 5	3 0	284	284
1 3	57 0	3708 0	675 0	-1 8	-2 6	413 0	4 5	6 0	8 8	306 0	321 0	4 4	4 4	284	284
1 4	62 0	3972 0	650 0	-3 8	-4 6	413 0	3 7	8 0	8 0	308 0	321 0	4 4	4 4	284	284
1 5	67 0	4234 1	625 0	-5 2	-6 1	413 0	2 7	6 7	7 7	310 7	322 1	4 1	4 4	284	284
1 6	72 0	4498 1	600 0	-6 2	-7 0	413 0	1 4	5 7	6 0	312 7	324 5	3 8	4 4	284	284
1 7	77 0	4762 1	575 0	-8 2	-8 4	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
1 8	82 0	5026 1	550 0	-11 9	-11 4	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
1 9	87 0	5290 1	525 0	-14 2	-14 2	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
2 0	92 0	5554 1	500 0	-16 7	-16 7	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
2 1	97 0	5818 1	475 0	-19 4	-19 4	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
2 2	102 0	6082 1	450 0	-22 9	-22 9	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
2 3	107 0	6346 1	425 0	-25 9	-25 9	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
2 4	112 0	6610 1	400 0	-28 6	-28 6	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
2 5	117 0	6874 1	375 0	-31 7	-31 7	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
2 6	122 0	7138 1	350 0	-34 2	-34 2	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
2 7	127 0	7402 1	325 0	-36 2	-36 2	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
2 8	132 0	7666 1	300 0	-38 2	-38 2	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
2 9	137 0	7930 1	275 0	-40 2	-40 2	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
3 0	142 0	8194 1	250 0	-42 3	-42 3	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
3 1	147 0	8458 1	225 0	-44 3	-44 3	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
3 2	152 0	8722 1	200 0	-46 3	-46 3	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
3 3	157 0	8986 1	175 0	-48 3	-48 3	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
3 4	162 0	9250 1	150 0	-50 3	-50 3	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
3 5	167 0	9514 1	125 0	-52 3	-52 3	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
3 6	172 0	9778 1	100 0	-54 3	-54 3	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
3 7	177 0	10042 1	75 0	-56 3	-56 3	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
3 8	182 0	10306 1	50 0	-58 3	-58 3	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
3 9	187 0	10570 1	25 0	-60 3	-60 3	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
4 0	192 0	10834 1	0 0	-62 3	-62 3	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
4 1	197 0	11098 1	0 0	-64 3	-64 3	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
4 2	202 0	11362 1	0 0	-66 3	-66 3	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
4 3	207 0	11626 1	0 0	-68 3	-68 3	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
4 4	212 0	11890 1	0 0	-70 3	-70 3	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
4 5	217 0	12154 1	0 0	-72 3	-72 3	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
4 6	222 0	12418 1	0 0	-74 3	-74 3	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
4 7	227 0	12682 1	0 0	-76 3	-76 3	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
4 8	232 0	12946 1	0 0	-78 3	-78 3	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
4 9	237 0	13210 1	0 0	-80 3	-80 3	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
5 0	242 0	13474 1	0 0	-82 3	-82 3	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
5 1	247 0	13738 1	0 0	-84 3	-84 3	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
5 2	252 0	14002 1	0 0	-86 3	-86 3	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
5 3	257 0	14266 1	0 0	-88 3	-88 3	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
5 4	262 0	14530 1	0 0	-90 3	-90 3	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
5 5	267 0	14794 1	0 0	-92 3	-92 3	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
5 6	272 0	15058 1	0 0	-94 3	-94 3	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
5 7	277 0	15322 1	0 0	-96 3	-96 3	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
5 8	282 0	15586 1	0 0	-98 3	-98 3	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
5 9	287 0	15850 1	0 0	-100 3	-100 3	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284
6 0	292 0	16114 1	0 0	-102 3	-102 3	413 0	0 2	4 8	5 2	312 6	324 5	3 8	4 4	284	284

\* 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 5 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

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Y

STATION NO. 12  
COLLEGE STATION, TEXAS  
1 MAY 2010 GMT 1982

TIME MIN	CNTCT	HEIGHT 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 PUT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00	50	79.0	1011.9	21.8	18.0	999.9	99.9	99.9	99.9	294.0	328.8	13.5	82.0	99.9	999.9
03	67	99.9	1000.0	99.9**	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
11	11	99.9	975.0	99.9**	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
20	14	99.9	925.0	16.4	99.9	999.9	99.9	99.9	99.9	298.1	935.9	99.9	999.9	99.9	999.9
38	16	99.9	900.0	15.4	99.9	999.9	99.9	99.9	99.9	297.4	99.9	99.9	999.9	99.9	999.9
46	19	99.9	875.0	14.0	8.1	999.9	99.9	99.9	99.9	298.2	319.2	8.4	68.7	999.9	999.9
54	21	99.9	850.0	12.8	7.9	999.9	99.9	99.9	99.9	299.6	321.2	7.8	67.8	999.9	999.9
63	24	99.9	800.0	10.3	7.0	999.9	99.9	99.9	99.9	299.6	320.4	7.6	72.4	999.9	999.9
72	26	99.9	775.0	9.3	3.7	999.9	99.9	99.9	99.9	301.1	318.6	6.3	79.5	999.9	999.9
82	31	99.9	750.0	5.4	3.5	999.9	99.9	99.9	99.9	303.2	319.3	6.5	81.5	999.9	999.9
92	34	99.9	725.0	3.4	3.2	999.9	99.9	99.9	99.9	302.4	319.5	6.8	87.7	999.9	999.9
101	37	99.9	700.0	1.4	0.4	999.9	99.9	99.9	99.9	304.7	320.2	5.6	85.7	999.9	999.9
110	40	99.9	675.0	-0.9	-2.5	999.9	99.9	99.9	99.9	307.0	318.2	4.7	88.2	999.9	999.9
121	42	99.9	650.0	-1.7	-3.2	999.9	99.9	99.9	99.9	304.7	320.5	4.7	90.0	999.9	999.9
131	45	99.9	625.0	-3.0	-4.0	999.9	99.9	99.9	99.9	308.4	321.7	4.3	92.4	999.9	999.9
142	48	99.9	600.0	-5.4	-6.3	999.9	99.9	99.9	99.9	309.8	321.6	4.0	93.0	999.9	999.9
154	51	99.9	575.0	-6.0	-7.0	999.9	99.9	99.9	99.9	312.3	323.6	3.8	92.0	999.9	999.9
164	54	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	999.9
178	57	99.9	525.0	-11.4	-14.3	999.9	99.9	99.9	99.9	314.8	322.6	2.4	87.6	999.9	999.9
189	60	99.9	500.0	-13.8	-22.3	999.9	99.9	99.9	99.9	316.2	320.4	1.3	84.3	999.9	999.9
203	63	99.9	475.0	-18.3	-27.2	999.9	99.9	99.9	99.9	317.8	320.6	0.9	81.8	999.9	999.9
217	67	99.9	450.0	-19.0	-30.3	999.9	99.9	99.9	99.9	319.3	321.8	0.7	78.6	999.9	999.9
233	71	99.9	425.0	-21.9	-35.4	999.9	99.9	99.9	99.9	321.0	322.5	0.4	78.6	999.9	999.9
248	73	99.9	400.0	-29.9**	-48.7	999.9	99.9	99.9	99.9	325.3	325.9	0.9	99.9	999.9	999.9
260	77	99.9	375.0	-32.3	-50.8	999.9	99.9	99.9	99.9	327.2	327.6	0.2	99.9	999.9	999.9
280	81	99.9	350.0	-35.9*	-50.8	999.9	99.9	99.9	99.9	328.5	327.6	0.1	99.9	999.9	999.9
318	85	99.9	300.0	-40.4	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
334	89	99.9	275.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
350	93	99.9	250.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
366	97	99.9	225.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
382	99	99.9	200.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
398	99	99.9	175.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
414	99	99.9	150.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
430	99	99.9	125.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
446	99	99.9	100.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
462	99	99.9	75.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
478	99	99.9	50.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
494	99	99.9	25.0	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9

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

C-2

ORIGINAL RECORDS  
OF POOR QUALITY

STATION NO. 12  
COLLEGE STATION, TEXAS

1 MAY 1962

158 10 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DTR OG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTC GM/KG	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 7	327 8	12 4	70 0	0 0	0
0 2	6 2	189 0	1020 0	22 0*	99 8	32 9	9 7	99 9	99 9	295 7	327 8	99 9	399 9	999 9	349
1 3	8 4	388 2	975 0	20 3	99 9	99 9	99 9	99 9	99 9	295 7	327 8	99 9	999 9	999 9	999
1 7	10 9	610 0	950 0	18 4	99 9	99 9	99 9	99 9	99 9	295 7	327 8	99 9	999 9	999 9	999
2 6	12 9	838 7	925 0	16 5	13 8	99 9	99 9	99 9	99 9	295 7	327 8	99 9	999 9	999 9	999
3 4	15 3	1072 2	900 0	15 2	12 6	84 8	8 8	-8 8	-0 6	296 2	324 4	10 3	84 0	999 9	999
4 2	17 6	1310 9	875 0	14 0	10 6	94 9	7 4	-7 3	-0 6	297 1	323 1	10 3	84 6	999 9	280
5 2	20 0	1555 3	850 0	12 4	10 5	118 9	5 8	-5 1	2 6	299 2	324 6	9 4	87 9	999 9	286
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 2	92 7	999 9	274
6 8	24 8	2081 3	800 0	8 4	7 5	149 1	4 4	-2 6	4 4	300 1	322 4	7 9	94 8	999 9	279
7 6	27 2	2323 9	775 0	7 4	6 8	174 1	4 3	-0 4	4 3	301 8	321 6	7 0	94 1	999 9	284
8 6	29 7	2593 8	750 0	5 2	4 3	191 8	5 2	1 1	5 1	302 2	320 7	6 3	93 3	999 9	292
9 6	32 2	2870 3	725 0	3 3	2 3	198 8	5 7	1 9	5 4	303 1	320 3	5 8	90 5	999 9	298
10 6	34 8	3154 5	700 0	1 7	0 7	217 4	4 4	2 7	3 5	304 4	320 5	5 0	86 2	999 9	303
11 7	37 4	3447 6	675 0	0 4	-1 7	244 9	3 1	2 8	1 3	307 9	320 0	4 1	74 9	999 9	305
12 7	40 0	3749 9	650 0	-0 9	-4 8	267 8	2 7	2 5	-0 8	309 1	320 3	3 6	76 5	999 9	305
14 0	42 7	4082 2	625 0	-2 9	-8 4	316 9	2 4	1 7	-1 3	311 1	320 3	3 1	67 9	999 9	304
15 3	45 4	4385 0	600 0	-4 4	-9 4	329 4	2 9	2 6	-1 3	312 7	320 8	2 7	63 8	999 9	306
16 5	48 2	4719 4	575 0	-6 2	-12 0	351 1	2 3	2 0	-2 4	314 4	323 5	2 7	79 8	999 9	304
17 7	51 1	5065 8	550 0	-8 2	-11 1	332 1	2 7	1 2	-2 4	315 6	322 3	2 1	66 8	999 9	301
18 6	54 0	5425 7	525 0	-10 7	-15 7	319 1	3 0	1 9	-2 2	317 9	322 3	2 1	66 8	999 9	999
20 3	57 0	5799 7	500 0	-12 4	-19 9	999 9	99 9	99 9	99 9	319 5	323 0	1 0	41 5	999 9	999
21 6	60 0	6190 3	475 0	-14 9*	-25 1	999 9	99 9	99 9	99 9	320 7	322 0	0 3	17 4	999 9	999
23 1	63 1	6597 1	450 0	-17 9*	-31 9	999 9	99 9	99 9	99 9	321 8	322 8	0 2	14 8	999 9	999
24 5	66 7	7021 7	425 0	-21 2*	-38 5	999 9	99 9	99 9	99 9	324 8	327 0	0 2	16 1	999 9	999
26 2	69 4	7466 6	400 0	-23 8	-43 1	999 9	99 9	99 9	99 9	326 3	327 0	0 1	18 4	999 9	999
27 6	73 1	7935 1	375 0	-26 7	-47 2	999 9	99 9	99 9	99 9	328 8	329 2	0 1	17 4	999 9	999
29 5	76 7	8428 6	350 0	-31 0	-50 9	299 9	10 8	9 9	-4 4	328 8	329 2	0 1	17 4	999 9	999
31 2	80 4	8950 2	325 0	-34 8	-54 9	297 9	12 3	10 7	-6 1	328 8	329 2	0 1	17 4	999 9	999
33 1	84 3	9502 9	300 0	-40 2	-59 9	295 8	15 1	13 4	-7 7	330 0	329 2	0 1	17 4	999 9	999
35 1	88 5	10090 6	275 0	-45 1	-64 9	295 8	17 8	16 0	-8 4	331 4	329 2	0 1	17 4	999 9	999
37 3	92 8	10720 4	250 0	-50 3	-69 9	290 4	18 4	17 3	-9 3	333 8	329 2	0 1	17 4	999 9	999
39 6	97 5	11400 2	225 0	-55 3	-74 9	288 8	21 5	20 4	-10 7	339 5	329 2	0 1	17 4	999 9	999
42 2	102 4	12146 1	200 0	-60 8	-79 9	286 6	26 5	26 5	-11 0	349 5	329 2	0 1	17 4	999 9	999
44 9	107 8	12978 7	175 0	-66 6	-84 9	293 8	29 9	27 1	-10 7	365 7	329 2	0 1	17 4	999 9	999
48 1	113 5	13939 9	150 0	-80 4	-99 9	293 8	27 1	24 8	-10 7	382 0	329 2	0 1	17 4	999 9	999
52 1	120 2	15069 9	125 0	-82 4	-99 9	293 8	22 4	20 5	-10 7	406 4	329 2	0 1	17 4	999 9	999
56 5	127 7	16440 9	100 0	-84 5	-99 9	288 8	16 2	15 3	-10 7	437 7	329 2	0 1	17 4	999 9	999
62 0	136 0	18199 2	75 0	-84 5	-99 9	288 8	10 0	8 5	-10 7	500 3	329 2	0 1	17 4	999 9	999
69 7	146 0	20990 9	50 0	-80 6	-99 9	341 2	2 8	0 9	-2 7	633 6	329 2	0 1	17 4	999 9	999
81 4	156 3	25121 6	75 0	-52 7	-99 9	125 0	5 5	-4 5	-3 1	633 6	329 2	0 1	17 4	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. 12  
COLLEGE STATION, TEXAS  
2 MAY 1982  
239 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEA PT PCT	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MK RTG GM/KG	RH PCT	RANGE KM	AZ DG
00.5	5.0	79.0	1010.0	19.1	17.4	000.0	99.9	99.9	99.9	291.4	323.5	12.5	90.0	999.0	000
01.0	6.0	99.9	1000.0	99.9**	99.9	000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	000
01.1	9.2	99.9	975.0	99.9**	99.9	000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	000
01.7	11.5	99.9	950.0	99.9**	99.9	000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	000
02.3	13.9	99.9	925.0	99.9**	99.9	000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	000
03.0	16.4	99.9	900.0	15.3	6.9	000.0	99.9	99.9	99.9	297.3	316.6	7.0	57.0	999.0	000
03.6	18.8	99.9	875.0	13.4	6.4	000.0	99.9	99.9	99.9	297.7	316.6	6.9	62.0	999.0	000
04.5	21.3	99.9	850.0	11.9	6.6	000.0	99.9	99.9	99.9	298.6	318.3	7.2	69.9	999.0	000
05.3	23.8	99.9	825.0	9.4	5.9	000.0	99.9	99.9	99.9	300.5	317.8	7.1	79.0	999.0	000
06.0	26.3	99.9	800.0	8.4	6.7	000.0	99.9	99.9	99.9	300.7	319.2	6.7	86.0	999.0	000
06.8	28.9	99.9	775.0	6.4	4.2	000.0	99.9	99.9	99.9	302.1	320.0	6.4	87.2	999.0	000
07.4	31.4	99.9	750.0	5.1	3.1	000.0	99.9	99.9	99.9	302.3	318.2	5.7	89.1	999.0	000
08.4	34.1	99.9	725.0	2.6	0.9	000.0	99.9	99.9	99.9	304.2	318.6	5.1	82.9	999.0	000
09.3	36.8	99.9	700.0	1.5	-1.1	000.0	99.9	99.9	99.9	304.5	317.9	4.7	88.7	999.0	000
10.1	39.4	99.9	675.0	-1.1	-2.7	000.0	99.9	99.9	99.9	306.2	318.6	4.3	87.3	999.0	000
10.9	42.3	99.9	650.0	-2.5	-4.3	000.0	99.9	99.9	99.9	307.5	318.3	3.7	82.7	999.0	000
11.7	45.1	99.9	625.0	-4.3	-6.8	000.0	99.9	99.9	99.9	308.8	318.4	3.2	81.4	999.0	000
12.6	48.0	99.9	600.0	-6.3	-9.0	000.0	99.9	99.9	99.9	311.9	318.9	2.6	66.7	999.0	000
13.6	51.0	99.9	575.0	-8.9	-12.1	000.0	99.9	99.9	99.9	314.1	320.1	1.9	51.5	999.0	000
14.6	54.0	99.9	550.0	-10.2	-16.6	000.0	99.9	99.9	99.9	316.2	320.3	1.3	27.8	999.0	000
15.6	57.1	99.9	525.0	-12.4	-21.9	000.0	99.9	99.9	99.9	318.9	318.9	0.6	22.2	999.0	000
16.6	60.3	99.9	500.0	-13.3	-30.3	000.0	99.9	99.9	99.9	320.3	320.4	0.2	7.6	999.0	000
17.6	63.5	99.9	475.0	-15.5	-43.4	000.0	99.9	99.9	99.9	321.4	321.4	0.0	1.0	999.0	000
18.9	66.8	99.9	450.0	-18.3	-61.5	000.0	99.9	99.9	99.9	323.1	323.7	0.0	12.4	999.0	000
20.0	70.3	99.9	425.0	-21.6	-83.7	000.0	99.9	99.9	99.9	324.8	324.2	0.0	5.9	999.0	000
21.2	73.9	99.9	400.0	-24.5	-107.1	000.0	99.9	99.9	99.9	325.8	325.8	0.0	1.0	999.0	000
22.3	77.5	99.9	375.0	-28.3	-133.9	000.0	99.9	99.9	99.9	327.2	327.2	0.0	99.9	999.0	000
23.4	81.3	99.9	350.0	-32.6	-163.9	000.0	99.9	99.9	99.9	328.5	328.5	0.0	99.9	999.0	000
24.6	85.3	99.9	325.0	-37.1	-207.9	000.0	99.9	99.9	99.9	329.9	329.9	0.0	99.9	999.0	000
25.9	89.3	99.9	300.0	-42.3	-267.9	000.0	99.9	99.9	99.9	331.2	331.2	0.0	99.9	999.0	000
27.3	93.7	99.9	275.0	-47.0	-345.0	000.0	99.9	99.9	99.9	333.9	333.9	0.0	99.9	999.0	000
28.8	98.2	99.9	250.0	-50.4	-445.0	000.0	99.9	99.9	99.9	335.2	335.2	0.0	99.9	999.0	000
30.8	103.2	99.9	225.0	-55.2	-570.0	000.0	99.9	99.9	99.9	336.6	336.6	0.0	99.9	999.0	000
32.6	108.3	99.9	200.0	-59.1	-720.0	000.0	99.9	99.9	99.9	338.2	338.2	0.0	99.9	999.0	000
34.6	113.6	99.9	175.0	-63.6	-890.0	000.0	99.9	99.9	99.9	340.2	340.2	0.0	99.9	999.0	000
37.4	120.9	99.9	150.0	-68.1	-1090.0	000.0	99.9	99.9	99.9	342.5	342.5	0.0	99.9	999.0	000
40.6	134.0	99.9	125.0	-84.1	-1430.0	000.0	99.9	99.9	99.9	345.5	345.5	0.0	99.9	999.0	000
44.7	147.0	99.9	100.0	-87.9	-1830.0	000.0	99.9	99.9	99.9	348.5	348.5	0.0	99.9	999.0	000
48.6	142.3	99.9	75.0	-85.1	-2300.0	000.0	99.9	99.9	99.9	351.9	351.9	0.0	99.9	999.0	000
59.9	99.9	99.9	50.0	99.9	99.9	000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	000
99.9	99.9	99.9	25.0	99.9	99.9	000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	000

\* BY SPEED MEANS ELEVATION 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. 12  
 COLLEGE STATION, TEXAS  
 2 MAY 1982  
 500 GMT

136 55 0

**ORIGINAL PAGE IS  
 OF POOR QUALITY**

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	F POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	5 7	78 0	1011 9	18 5	16 8	99 9	99 9	99 9	99 9	290 7	321 1	12 0	90 0	999 9	95 7
0 4	6 8	99 9	1000 0	94 9**	30 0	99 9	99 9	99 9	99 9	99 9	99 9	23 9	99 9	999 9	99 9
0 9	8 8	99 9	975 0	99 9**	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9
1 4	10 8	99 9	950 0	99 9**	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9
2 0	13 0	99 9	925 0	18 5	99 9	99 9	99 9	99 9	99 9	296 2	318 5	9 3	85 0	999 9	99 9
2 8	15 2	99 9	900 0	15 4	7 9	99 9	99 9	99 9	99 9	297 4	317 7	7 0	80 9	999 9	99 9
3 5	17 4	99 9	875 0	14 0	6 8	99 9	99 9	99 9	99 9	298 3	317 4	6 1	81 0	999 9	99 9
4 4	19 5	99 9	850 0	12 3	4 2	99 9	99 9	99 9	99 9	299 1	315 9	5 9	80 1	999 9	99 9
5 1	21 8	99 9	825 0	10 8	3 4	99 9	99 9	99 9	99 9	300 0	315 9	6 1	80 1	999 9	99 9
6 0	24 2	99 9	800 0	8 9	2 4	99 9	99 9	99 9	99 9	300 6	318 6	5 9	72 6	999 9	99 9
6 6	26 5	99 9	775 0	7 5	2 4	99 9	99 9	99 9	99 9	301 9	318 4	5 9	70 7	999 9	99 9
7 5	28 7	99 9	750 0	5 2	3 1	99 9	99 9	99 9	99 9	302 3	320 2	6 4	86 3	999 9	99 9
8 4	31 2	99 9	725 0	4 0	0 2	99 9	99 9	99 9	99 9	303 9	322 4	6 6	93 3	999 9	99 9
9 1	33 6	99 9	700 0	1 6	0 2	99 9	99 9	99 9	99 9	304 3	320 0	5 6	90 3	999 9	99 9
10 0	36 1	99 9	675 0	0 2	-3 7	99 9	99 9	99 9	99 9	304 9	321 9	5 4	91 0	999 9	99 9
10 9	38 7	99 9	650 0	-2 2	-5 3	99 9	99 9	99 9	99 9	306 5	319 5	4 5	89 0	999 9	99 9
11 7	41 2	99 9	625 0	-3 5	-7 7	99 9	99 9	99 9	99 9	308 4	320 5	4 1	87 3	999 9	99 9
12 7	43 8	99 9	600 0	-5 0	-10 5	99 9	99 9	99 9	99 9	309 1	320 1	3 2	81 1	999 9	99 9
13 5	46 6	99 9	575 0	-6 6	-14 5	99 9	99 9	99 9	99 9	312 4	320 1	2 2	48 4	999 9	99 9
14 4	49 3	99 9	550 0	-8 0	-17 3	99 9	99 9	99 9	99 9	315 6	321 5	1 6	43 6	999 9	99 9
15 4	52 1	99 9	525 0	-9 6	-21 7	99 9	99 9	99 9	99 9	316 7	321 6	1 2	42 7	999 9	99 9
16 4	55 0	99 9	500 0	-12 7	-25 9	99 9	99 9	99 9	99 9	317 6	320 3	0 2	42 2	999 9	99 9
17 4	58 0	99 9	475 0	-14 8	-31 9	99 9	99 9	99 9	99 9	319 7	320 8	0 0	41 4	999 9	99 9
18 4	61 1	99 9	450 0	-17 9	-38 7	99 9	99 9	99 9	99 9	320 7	320 8	0 0	41 7	999 9	99 9
19 5	64 3	99 9	425 0	-20 8	-46 5	99 9	99 9	99 9	99 9	322 3	322 4	0 0	41 7	999 9	99 9
20 6	67 6	99 9	400 0	-23 6	-55 0	99 9	99 9	99 9	99 9	324 3	324 4	0 0	41 0	999 9	99 9
21 7	71 0	99 9	375 0	-27 4	-62 0	99 9	99 9	99 9	99 9	325 4	325 4	0 0	41 0	999 9	99 9
23 0	74 4	99 9	350 0	-31 2	-69 9	99 9	99 9	99 9	99 9	326 7	326 8	0 0	41 0	999 9	99 9
24 1	78 1	99 9	325 0	-35 6	-72 9	99 9	99 9	99 9	99 9	327 6	327 7	0 0	41 0	999 9	99 9
25 3	82 0	99 9	300 0	-40 5	-79 9	99 9	99 9	99 9	99 9	328 4	999 9	99 9	99 9	999 9	99 9
26 7	86 0	99 9	275 0	-44 9	-86 9	99 9	99 9	99 9	99 9	328 7	999 9	99 9	99 9	999 9	99 9
28 0	90 2	99 9	250 0	-48 2	-94 9	99 9	99 9	99 9	99 9	334 1	999 9	99 9	99 9	999 9	99 9
29 5	94 6	99 9	225 0	-53 0	-102 9	99 9	99 9	99 9	99 9	337 3	999 9	99 9	99 9	999 9	99 9
31 0	99 4	99 9	200 0	-58 1	-111 4	99 9	99 9	99 9	99 9	339 2	999 9	99 9	99 9	999 9	99 9
32 7	104 5	99 9	175 0	-61 4	-120 9	99 9	99 9	99 9	99 9	346 6	999 9	99 9	99 9	999 9	99 9
35 3	110 3	99 9	150 0	-65 9	-130 9	99 9	99 9	99 9	99 9	355 1	999 9	99 9	99 9	999 9	99 9
36 5	116 5	99 9	125 0	-69 2	-141 9	99 9	99 9	99 9	99 9	360 5	999 9	99 9	99 9	999 9	99 9
41 6	123 7	99 9	100 0	-82 2	-155 9	99 9	99 9	99 9	99 9	369 6	999 9	99 9	99 9	999 9	99 9
47 6	132 3	99 9	75 0	-85 2	-169 9	99 9	99 9	99 9	99 9	438 2	999 9	99 9	99 9	999 9	99 9
59 9	99 9	99 9	50 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	99 9
99 9	99 9	99 9	25 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	99 9	999 9	99 9

\* 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 19  
OF POOR QUALITY

STATION NO. 101  
FT SILL, OKLAHOMA  
1 MAY 1982  
1059 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 M	E POT T DG K	MX RTO GM/AG	RH PCY	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	99.9	99.9	99.9	99.9	99.9
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	624.0	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	312.8	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
4.8	19.9	1552.0	850.0	8.0	7.8	158.9	1.3	0.5	1.4	295.2	316.1	7.9	94.8	1.1	237
5.6	22.2	1789.2	825.0	6.0	6.0	215.9	2.4	2.0	1.4	297.7	317.6	7.6	93.3	1.1	238
6.7	24.8	2053.6	800.0	4.0	4.0	299.9	2.4	2.0	1.4	299.7	317.6	6.4	75.7	1.0	238
7.6	27.2	2315.3	775.0	2.2	2.2	399.9	2.4	2.0	1.4	300.5	317.3	6.4	64.4	0.9	237
8.9	30.0	99.9	750.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
10.0	32.7	99.9	725.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
11.0	35.4	99.9	700.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
12.1	38.0	99.9	675.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
13.2	40.7	99.9	650.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
14.4	43.7	99.9	625.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
15.7	46.8	99.9	600.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
17.0	49.9	99.9	575.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
18.3	52.9	99.9	550.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
19.8	55.9	99.9	525.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
20.9	59.1	99.9	500.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
22.4	62.7	99.9	475.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
23.8	66.0	99.9	450.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
25.5	69.7	99.9	425.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
27.2	73.3	99.9	400.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
28.9	77.3	99.9	375.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30.7	81.2	99.9	350.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.4	85.3	99.9	325.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.3	89.7	99.9	300.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
36.5	94.6	99.9	275.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
38.9	99.4	99.9	250.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
41.3	104.6	99.9	225.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
43.9	110.4	99.9	200.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
46.4	116.2	99.9	175.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
49.0	123.0	99.9	150.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
53.5	130.2	99.9	125.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
58.2	137.7	99.9	100.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
64.3	145.6	99.9	75.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
72.6	152.7	99.9	50.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
84.8	160.3	99.9	25.0	99.9**	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION 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

CRITICAL PAGE 17  
OF POOR QUALITY

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	299 5	315 0	9 9	91 0	0 0	0
99 9	99 9	1000 0	975 0	99 9	99 9	99 9	99 9	99 9	99 9	299 9	99 9	99 9	99 9	999 9	999
0 3	8 3	412 7	950 0	13 8	99 9	41 4	6 2	-4 1	-3 8	289 1	99 9	99 9	99 9	0 2	205
1 0	10 4	631 6	925 0	11 9	11 1	56 7	7 0	-5 8	-4 7	290 2	99 9	99 9	99 9	0 4	214
1 7	12 5	855 9	900 0	10 5	10 3	69 8	6 8	-6 4	-2 3	291 5	99 9	99 9	99 9	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	99 9	99 9	99 9	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	99 9	99 9	99 9	1 1	235
4 3	19 4	1561 5	850 0	8 9	7 1	259 6	1 3	1 3	0 2	295 5	99 9	99 9	99 9	1 1	233
5 2	21 5	1809 0	825 0	8 2	5 9	228 8	3 0	2 3	2 0	297 3	99 9	99 9	99 9	1 0	235
6 1	24 0	2063 2	800 0	6 1	4 6	235 2	4 6	3 8	2 6	298 6	99 9	99 9	99 9	0 8	234
7 0	26 3	2324 2	775 0	4 3	-0 5	999 9	99 9	99 9	99 9	300 4	99 9	99 9	99 9	999 9	999
8 0	28 9	2582 8	725 0	1 6	-0 5	999 9	99 9	99 9	99 9	301 3	99 9	99 9	99 9	999 9	999
9 8	31 5	2866 6	700 0	-0 6	99 9	999 9	99 9	99 9	99 9	301 8	99 9	99 9	99 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	99 9	99 9	99 9	999 9	999
12 1	39 4	3739 5	650 0	-2 2	-5 0	999 9	99 9	99 9	99 9	305 5	99 9	99 9	99 9	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	99 9	99 9	99 9	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	99 9	99 9	99 9	999 9	999
15 5	48 0	4704 9	575 0	-7 8	-9 8	999 9	99 9	99 9	99 9	311 1	99 9	99 9	99 9	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	99 9	99 9	99 9	999 9	999
18 3	54 0	5409 6	525 0	-10 8	-15 5	999 9	99 9	99 9	99 9	315 7	99 9	99 9	99 9	999 9	999
19 5	57 0	5782 8	500 0	-13 9	-18 2	999 9	99 9	99 9	99 9	317 5	99 9	99 9	99 9	999 9	999
20 9	60 4	6171 0	475 0	-16 5	-20 6	999 9	99 9	99 9	99 9	319 0	99 9	99 9	99 9	999 9	999
22 2	63 9	6575 4	450 0	-18 3	-24 3	999 9	99 9	99 9	99 9	319 9	99 9	99 9	99 9	999 9	999
23 9	67 1	6998 1	425 0	-22 7	-27 6	999 9	99 9	99 9	99 9	323 7	99 9	99 9	99 9	999 9	999
25 2	70 8	7440 6	400 0	-25 6	-33 4	999 9	99 9	99 9	99 9	323 2	99 9	99 9	99 9	999 9	999
27 2	74 5	7805 6	375 0	-28 0	-37 7	999 9	99 9	99 9	99 9	324 8	99 9	99 9	99 9	999 9	999
28 9	78 5	8295 6	350 0	-32 8	-41 5	323 0	5 1	3 1	-4 0	324 8	99 9	99 9	99 9	999 9	999
30 6	82 3	8812 9	325 0	-36 8	-45 0	308 4	7 2	5 7	-4 5	326 0	99 9	99 9	99 9	999 9	999
32 3	86 6	9462 4	300 0	-41 0	-48 9	299 7	6 5	7 4	-4 2	327 6	99 9	99 9	99 9	999 9	999
34 3	91 2	10047 4	275 0	-46 4	-52 9	295 5	8 3	7 5	-3 6	328 0	99 9	99 9	99 9	999 9	999
36 2	96 0	10672 8	250 0	-51 8	-57 9	290 1	9 1	8 6	-3 1	329 0	99 9	99 9	99 9	999 9	999
38 3	101 0	11347 0	225 0	-57 5	-62 9	278 1	8 7	8 2	-0 6	330 4	99 9	99 9	99 9	999 9	999
40 3	106 5	12061 4	200 0	-62 9	-69 9	278 1	11 8	11 7	-1 7	333 1	99 9	99 9	99 9	999 9	999
43 2	112 5	12899 0	175 0	-63 6	-74 9	295 5	11 8	10 7	-5 1	345 0	99 9	99 9	99 9	999 9	999
46 2	119 0	13646 3	150 0	-62 8	-79 9	295 9	13 7	12 3	-6 0	361 9	99 9	99 9	99 9	999 9	999
48 4	126 0	14373 9	125 0	-61 5	-84 9	294 6	14 7	13 4	-6 1	383 6	99 9	99 9	99 9	999 9	999
53 3	134 0	15348 2	100 0	-64 4	-89 9	292 8	12 7	11 7	-4 9	403 4	99 9	99 9	99 9	999 9	999
58 4	142 0	16420 6	75 0	-61 9	-93 9	307 0	7 6	6 1	-4 6	443 1	99 9	99 9	99 9	999 9	999
64 6	150 3	17648 8	50 0	-57 4	-98 9	32 3	3 3	-1 8	-4 6	508 3	99 9	99 9	99 9	999 9	999
74 5	159 0	20058 1	25 0	-52 3	-99 9	42 8	3 0	-2 1	-2 2	634 3	99 9	99 9	99 9	999 9	999

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

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 101  
FT SILL, OKLAHOMA

1 MAY 1982  
1017 GMT

154 27 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V 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	232 7	318 4	10 3	77 0	0 0	0 0
0 1	9 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	999 9
0 2	9 4	417 2	975 0	13 6	8 6	63 0	3 3	-2 9	-1 5	288 6	308 0	99 9	99 9	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	10 3	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	318 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	318 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 6	221 0	4 2	2 8	2 4	297 8	319 7	8 1	94 1	0 8	263
6 3	26 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	2332 8	775 0	6 6	4 1	998 9	99 9	99 9	99 9	300 9	319 3	6 6	93 8	999 9	999 9
8 3	30 9	2602 0	750 0	4 1	2 0	998 9	99 9	99 9	99 9	301 0	317 5	5 9	86 0	999 9	999 9
9 2	33 6	2877 6	725 0	2 9	0 3	998 9	99 9	99 9	99 9	302 6	317 2	5 2	79 3	999 9	999 9
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 9
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 9
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 9
13 6	44 6	4065 0	625 0	-3 8	-8 3	999 9	99 9	99 9	99 9	308 1	319 4	3 8	83 4	999 9	999 9
14 8	47 6	4386 6	600 0	-5 8	-7 6	999 9	99 9	99 9	99 9	309 4	320 0	3 5	85 4	999 9	999 9
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 9
17 1	53 6	5064 2	550 0	-9 2	-9 9	999 9	99 9	99 9	99 9	313 2	999 9	99 9	999 9	999 9	999 9
18 5	56 6	539 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 9
20 0	60 1	599 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 9
21 2	63 6	669 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 9
22 5	66 9	739 9	450 0	-18 6	-24 4	999 9	99 9	99 9	99 9	318 9	323 7	1 2	59 8	999 9	999 9
24 1	70 5	809 9	425 0	-22 0	-37 2	999 9	99 9	99 9	99 9	321 8	323 7	0 6	30 2	999 9	999 9
25 7	74 2	879 9	400 0	-25 5	-46 7	999 9	99 9	99 9	99 9	324 6	323 1	0 4	30 6	999 9	999 9
27 5	78 2	949 9	375 0	-29 5	-49 4	999 9	99 9	99 9	99 9	322 6	323 2	0 1	16 9	999 9	999 9
29 2	82 2	999 9	350 0	-33 0	-54 3	999 9	99 9	99 9	99 9	324 3	324 7	0 1	17 4	999 9	999 9
30 9	86 2	999 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 9
32 8	90 8	99 9	300 0	-41 5	99 9	999 9	99 9	99 9	99 9	328 9	999 9	99 9	999 9	999 9	999 9
34 8	95 5	99 9	275 0	-46 7	99 9	999 9	99 9	99 9	99 9	329 5	999 9	99 9	999 9	999 9	999 9
36 8	100 8	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 9
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 9
41 9	111 5	99 9	200 0	-61 6	99 9	999 9	99 9	99 9	99 9	333 7	999 9	99 9	999 9	999 9	999 9
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 9
47 5	124 2	99 9	150 0	-67 2	99 9	999 9	99 9	99 9	99 9	362 9	999 9	99 9	999 9	999 9	999 9
50 6	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 9
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 9
58 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 9
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 9
99 9	99 9	99 9	25 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999 9

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

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 101  
FT SILL, OKLAHOMA

1 MAY 1915 GMT 1982

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
00	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	0.0
01	99	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02	8	406.9	975.0	20.2	13.7	99.9	99.9	99.9	99.9	295.5	322.4	10.2	60.2	0.0	0.0
03	10	629.8	950.0	16.6	12.3	99.9	99.9	99.9	99.9	294.1	319.2	9.5	75.6	0.0	0.0
04	12	656.3	925.0	14.0	12.1	99.9	99.9	99.9	99.9	293.6	318.9	9.7	88.5	0.0	0.0
05	15	1087.3	900.0	12.0	10.9	99.9	99.9	99.9	99.9	293.9	317.9	9.1	92.8	0.0	0.0
06	17	1323.4	875.0	10.7	10.8	99.9	99.9	99.9	99.9	294.9	318.2	8.8	94.2	0.0	0.0
07	20	1564.8	850.0	7.7	7.4	99.9	99.9	99.9	99.9	295.8	318.2	7.6	88.5	0.0	0.0
08	22	1812.2	825.0	7.7	4.5	99.9	99.9	99.9	99.9	296.7	314.2	6.4	80.0	0.0	0.0
09	25	2066.2	800.0	5.3	4.0	99.9	99.9	99.9	99.9	299.0	316.7	6.4	79.4	0.0	0.0
10	27	2326.9	775.0	4.0	2.7	99.9	99.9	99.9	99.9	299.6	316.2	5.3	82.9	0.0	0.0
11	30	2584.7	750.0	2.6	0.4	99.9	99.9	99.9	99.9	301.0	315.7	5.0	77.0	0.0	0.0
12	33	2870.2	725.0	2.0	-1.8	99.9	99.9	99.9	99.9	302.6	315.7	4.6	71.5	0.0	0.0
13	36	3154.2	700.0	0.1	-2.0	99.9	99.9	99.9	99.9	304.7	316.3	4.7	74.9	0.0	0.0
14	39	3447.2	675.0	0.1	-4.3	99.9	99.9	99.9	99.9	307.6	319.0	4.0	75.7	0.0	0.0
15	42	3749.1	650.0	-1.5	-6.3	99.9	99.9	99.9	99.9	308.6	319.0	3.8	80.2	0.0	0.0
16	45	4051.1	625.0	-3.4	-8.3	99.9	99.9	99.9	99.9	309.4	319.7	3.1	75.6	0.0	0.0
17	48	4362.5	600.0	-5.9	-13.2	99.9	99.9	99.9	99.9	313.1	320.5	2.4	56.4	0.0	0.0
18	51	4716.5	575.0	-8.5	-14.9	99.9	99.9	99.9	99.9	315.3	320.8	2.2	59.8	0.0	0.0
19	54	5063.1	550.0	-11.0	-14.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
20	57	5422.6	525.0	-11.0	-14.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
21	60	5777.7	500.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
22	63	6117.1	475.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
23	66	6471.8	450.0	-18.7	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
24	69	6826.5	425.0	-18.7	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
25	72	7181.2	400.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
26	75	7535.9	375.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
27	78	7890.6	350.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
28	81	8245.3	325.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
29	84	8600.0	300.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
30	87	8954.7	275.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
31	90	9309.4	250.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
32	93	9664.1	225.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
33	96	10018.8	200.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
34	99	10373.5	175.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
35	102	10728.2	150.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
36	105	11082.9	125.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
37	108	11437.6	100.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
38	111	11792.3	75.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
39	114	12147.0	50.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
40	117	12501.7	25.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
41	120	12856.4	0.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
42	123	13211.1	0.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
43	126	13565.8	0.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
44	129	13920.5	0.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
45	132	14275.2	0.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
46	135	14629.9	0.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
47	138	14984.6	0.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
48	141	15339.3	0.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
49	144	15694.0	0.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
50	147	16048.7	0.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
51	150	16403.4	0.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
52	153	16758.1	0.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
53	156	17112.8	0.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
54	159	17467.5	0.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
55	162	17822.2	0.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
56	165	18176.9	0.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
57	168	18531.6	0.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
58	171	18886.3	0.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
59	174	19241.0	0.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
60	177	19595.7	0.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
61	180	19950.4	0.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
62	183	20305.1	0.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
63	186	20659.8	0.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
64	189	21014.5	0.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
65	192	21369.2	0.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
66	195	21723.9	0.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
67	198	22078.6	0.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
68	201	22433.3	0.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
69	204	22788.0	0.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0
70	207	23142.7	0.0	-9.9	-9.9	99.9	99.9	99.9	99.9	319.7	320.8	2.2	59.8	0.0	0.0

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

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00	0	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
00	9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
00	2	388.4	975.0	21.4*	99.9	99.9	99.9	99.9	99.9	296.7	999.9	99.9	999.9	999.9	999.9
00	6	612.0	950.0	18.1*	99.9	99.9	99.9	99.9	99.9	296.6	999.9	99.9	999.9	999.9	999.9
00	9	840.5	925.0	16.7	11.6	99.9	99.9	99.9	99.9	296.4	321.3	9.4	71.9	999.9	999.9
01	9	1073.4	900.0	14.3	10.7	99.9	99.9	99.9	99.9	296.2	320.3	9.0	79.0	999.9	999.9
02	7	1311.2	875.0	12.5	10.0	99.9	99.9	99.9	99.9	296.8	320.4	8.9	84.6	999.9	999.9
04	7	1554.0	850.0	10.7	8.9	99.9	99.9	99.9	99.9	297.3	320.1	8.5	89.0	999.9	999.9
05	5	1802.9	825.0	9.6	5.8	99.9	99.9	99.9	99.9	298.6	318.0	7.0	76.8	999.9	999.9
05	5	2057.9	800.0	8.0*	99.9	99.9	99.9	99.9	99.9	299.7	999.9	99.9	999.9	999.9	999.9
07	7	2318.5	775.0	6.0*	99.9	99.9	99.9	99.9	99.9	300.3	999.9	99.9	999.9	999.9	999.9
08	9	2585.6	750.0	3.8	1.8	99.9	99.9	99.9	99.9	300.7	316.7	5.7	85.7	999.9	999.9
08	9	2860.6	725.0	2.2	0.6	99.9	99.9	99.9	99.9	301.9	317.4	5.5	88.6	999.9	999.9
10	0	3144.3	700.0	1.5	-1.2	176.4	1.9	-0.1	1.2	305.2	318.4	5.0	82.6	999.9	999.9
11	6	3436.7	675.0	-0.4	-2.3	169.8	1.2	-0.2	1.2	307.0	319.6	4.8	87.1	999.9	999.9
12	5	3738.3	650.0	-1.8	-4.1	81.9	0.7	-0.7	0.4	308.7	319.1	4.3	83.8	999.9	999.9
13	8	4040.8	625.0	-3.3	-7.5	11.0	1.8	-1.8	0.8	312.4	320.2	3.5	73.0	999.9	999.9
14	6	4373.8	600.0	-5.2	-12.0	99.9	99.9	99.9	99.9	312.4	320.2	2.5	50.7	999.9	999.9
15	6	4709.4	575.0	-7.2	-14.2	99.9	99.9	99.9	99.9	313.6	319.7	2.2	48.9	999.9	999.9
16	1	5057.4	550.0	-9.2	-16.6	99.9	99.9	99.9	99.9	315.8	319.7	1.2	30.8	999.9	999.9
18	4	5399.9	525.0	-11.1	-19.1	99.9	99.9	99.9	99.9	318.7	999.9	99.9	999.9	999.9	999.9
18	4	5699.9	500.0	-13.1	-21.6	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
20	6	6033.3	475.0	-15.1	-24.1	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
22	3	6366.6	450.0	-17.1	-26.6	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
23	3	6700.0	425.0	-19.1	-29.1	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
24	8	7033.3	400.0	-21.1	-31.6	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
26	7	7433.3	375.0	-23.1	-34.1	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
27	7	7833.3	350.0	-25.1	-36.6	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
29	3	8233.3	325.0	-27.1	-39.1	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
30	9	8633.3	300.0	-29.1	-41.6	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
32	7	9033.3	275.0	-31.1	-44.1	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
34	5	9433.3	250.0	-33.1	-46.6	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
36	7	9833.3	225.0	-35.1	-49.1	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
38	7	10233.3	200.0	-37.1	-51.6	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
41	0	10633.3	175.0	-39.1	-54.1	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
43	5	11033.3	150.0	-41.1	-56.6	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
45	1	11433.3	125.0	-43.1	-59.1	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
48	9	11833.3	100.0	-45.1	-61.6	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
48	9	12233.3	75.0	-47.1	-64.1	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
48	9	12633.3	50.0	-49.1	-66.6	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
48	9	13033.3	25.0	-51.1	-69.1	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9

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STATION NO. 101  
FT. SILL, OKLAHOMA  
2 MAY 1982  
139 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 GM/KG	RH PCT	RANGE KM	AZ DG
00	0	380	978	19	14	0	0	0	0	294	321	10	72	0	0
01	0	380	1000	19	13	0	0	0	0	299	321	10	99	9	999
02	0	387	975	19	13	29	3	5	-3	294	321	10	70	6	0
03	0	610	950	17	12	59	4	6	-2	295	320	10	70	5	0
04	0	838	925	15	11	64	2	4	-2	295	320	10	77	0	0
05	1	1071	900	13	10	83	2	4	-0	295	320	10	90	5	0
06	2	1308	875	11	7	125	8	3	2	295	320	10	93	6	0
07	3	1550	850	9	6	150	9	2	2	295	319	8	92	3	0
08	3	1798	825	8	5	186	2	2	2	297	318	7	90	4	0
09	4	2053	800	6	4	178	3	3	3	300	317	6	86	4	0
10	5	2314	775	5	3	194	5	4	4	300	316	5	84	3	0
11	5	2582	750	3	2	202	5	4	4	301	316	5	84	3	0
12	5	2857	725	2	1	222	5	4	2	301	314	2	84	2	0
13	5	3139	700	0	-3	193	3	1	2	305	316	2	68	2	0
14	5	3431	675	0	-5	162	3	1	1	307	316	2	58	0	0
15	5	3733	650	0	-9	125	8	1	0	309	313	1	30	9	0
16	5	4045	625	0	-17	75	2	0	-0	312	313	1	6	5	0
17	5	4369	600	0	-35	3	5	5	-1	314	314	0	1	4	0
18	5	4704	575	0	-51	58	1	3	-3	315	315	0	3	4	0
19	5	5052	550	0	-45	9	2	2	-0	316	316	0	5	4	0
20	5	5412	525	0	-42	6	0	0	-2	317	316	0	5	4	0
21	5	5768	500	0	-42	2	3	3	-2	318	319	0	10	3	0
22	5	6176	475	0	-42	2	4	5	-1	319	320	0	13	0	0
23	5	6581	450	0	-42	2	5	7	-2	320	321	0	12	0	0
24	5	7004	425	0	-46	6	3	7	-2	320	321	0	12	0	0
25	5	7448	400	0	-48	4	3	7	-2	321	322	0	16	7	0
26	5	7898	375	0	-48	4	3	7	-2	321	322	0	16	7	0
27	5	8386	350	0	-50	2	3	7	-2	322	322	0	15	1	0
28	5	8909	325	0	-52	4	3	6	-0	322	323	0	16	0	0
29	5	9453	300	0	-52	4	3	6	-0	325	323	0	99	9	0
30	5	10034	275	0	-52	4	3	6	-0	326	323	0	99	9	0
31	5	10657	250	0	-52	3	3	6	-0	328	323	0	99	9	0
32	5	11333	225	0	-56	1	3	1	-7	332	323	0	99	9	0
33	5	12075	200	0	-60	0	0	0	-7	337	323	0	99	9	0
34	5	12888	175	0	-64	4	0	0	-7	343	323	0	99	9	0
35	5	13777	150	0	-68	9	0	0	-7	99	323	0	99	9	0
36	5	14733	125	0	-68	9	0	0	-7	99	323	0	99	9	0
37	5	15755	100	0	-68	9	0	0	-7	99	323	0	99	9	0
38	5	16833	75	0	-68	9	0	0	-7	99	323	0	99	9	0
39	5	17966	50	0	-68	9	0	0	-7	99	323	0	99	9	0
40	5	19155	25	0	-68	9	0	0	-7	99	323	0	99	9	0

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

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 101  
FT SILL, OKLAHOMA  
2 MAY 1962  
415 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
00	00	380.0	979.5	18.8	14.7	000	0.0	0.0	0.0	293.7	321.9	10.8	77.0	0.0	0
01	00	399.0	1000.0	17.7	14.4	000	99.9	99.9	99.9	293.9	320.7	99.9	99.9	999.9	999
02	00	399.0	975.0	17.7	14.4	000	2.5	-2.1	-1.3	293.0	320.7	10.8	99.9	0.0	0
03	00	421.0	950.0	16.2	13.0	000	3.8	-3.7	0.5	293.0	322.2	11.0	89.8	0.0	0
04	00	440.0	925.0	14.7	12.3	000	3.0	-2.5	1.8	294.3	322.2	10.8	93.0	0.0	0
05	00	460.0	900.0	13.2	11.2	000	3.0	-2.5	3.0	295.1	321.6	10.1	94.1	0.0	0
06	00	480.0	875.0	11.2	9.5	000	4.1	0.3	4.1	295.4	319.3	9.0	93.7	0.0	0
07	00	500.0	850.0	9.9	8.5	000	5.6	1.5	5.4	295.4	318.3	8.2	91.1	0.0	0
08	00	520.0	825.0	8.1	6.3	000	5.6	2.2	5.5	297.2	316.9	7.3	88.4	0.0	0
09	00	540.0	800.0	7.0	5.5	000	5.2	2.2	4.6	296.7	316.0	7.1	89.7	0.0	0
10	00	560.0	775.0	5.9	4.2	000	4.0	1.0	4.0	300.2	318.0	6.3	86.7	0.0	0
11	00	580.0	750.0	4.1	2.6	000	2.6	1.2	2.6	301.0	318.3	5.8	91.2	0.0	0
12	00	600.0	725.0	3.1	1.7	000	1.7	1.8	1.6	302.9	318.5	5.8	84.0	0.0	0
13	00	620.0	700.0	1.6	-2.2	000	3.2	1.8	2.7	304.3	317.6	4.4	75.8	0.0	0
14	00	640.0	675.0	-0.3	-3.5	000	4.4	2.1	4.5	305.3	317.9	4.4	78.9	0.0	0
15	00	660.0	650.0	-1.9	-4.8	000	3.8	1.7	3.4	305.8	318.9	4.1	80.9	0.0	0
16	00	680.0	625.0	-2.1	-6.1	000	1.0	0.0	1.0	310.0	317.7	2.5	48.2	0.0	0
17	00	700.0	600.0	-3.7	-7.6	000	1.1	-0.5	1.1	311.9	317.5	1.1	23.0	0.0	0
18	00	720.0	575.0	-4.6	-8.3	000	2.3	-2.3	0.2	314.6	317.9	1.0	21.6	0.0	0
19	00	740.0	550.0	-7.0	-10.3	000	3.9	-3.5	-1.6	315.0	317.1	0.5	15.6	0.0	0
20	00	760.0	525.0	-10.3	-13.3	000	3.9	-2.2	-3.0	316.1	317.7	0.5	14.2	0.0	0
21	00	780.0	500.0	-13.3	-15.3	000	2.9	0.5	-2.9	316.1	318.5	0.5	18.0	0.0	0
22	00	800.0	475.0	-15.8	-17.3	000	4.2	3.2	-2.7	318.5	320.0	0.5	19.2	0.0	0
23	00	820.0	450.0	-18.6	-20.2	000	6.2	4.5	-4.2	318.5	321.3	0.7	26.1	0.0	0
24	00	840.0	425.0	-23.0	-23.9	000	6.4	6.4	-4.8	319.5	321.9	0.7	51.4	0.0	0
25	00	860.0	400.0	-28.7	-31.9	000	6.6	6.6	-5.8	320.5	322.6	0.7	60.9	0.0	0
26	00	880.0	375.0	-30.5	-36.8	000	12.1	6.8	-6.2	321.2	322.8	0.2	55.4	0.0	0
27	00	900.0	350.0	-34.9	-46.8	000	12.8	9.6	-8.5	321.6	322.2	0.2	28.4	0.0	0
28	00	920.0	325.0	-38.3	-48.8	000	12.5	8.3	-9.2	323.9	323.9	0.2	99.9	0.0	0
29	00	940.0	300.0	-42.9	-59.9	000	10.3	5.4	-7.7	324.9	324.9	0.2	99.9	0.0	0
30	00	960.0	275.0	-47.2	-69.9	000	9.3	5.2	-8.4	326.9	326.9	0.2	99.9	0.0	0
31	00	980.0	250.0	-51.4	-79.9	000	11.2	7.4	-8.4	328.9	328.9	0.2	99.9	0.0	0
32	00	1000.0	225.0	-55.6	-89.9	000	12.6	10.3	-7.8	333.3	333.3	0.2	99.9	0.0	0
33	00	1020.0	200.0	-61.1	-99.9	000	16.4	14.4	-10.4	336.0	336.0	0.2	99.9	0.0	0
34	00	1040.0	175.0	-63.7	-99.9	000	20.1	16.7	-11.2	344.8	344.8	0.2	99.9	0.0	0
35	00	1060.0	150.0	-63.7	-99.9	000	18.8	17.0	-10.2	352.2	352.2	0.2	99.9	0.0	0
36	00	1080.0	125.0	-62.4	-99.9	000	17.8	14.3	-10.7	362.1	362.1	0.2	99.9	0.0	0
37	00	1100.0	100.0	-63.3	-99.9	000	13.5	10.6	-8.3	405.6	405.6	0.2	99.9	0.0	0
38	00	1120.0	75.0	-61.7	-99.9	000	7.3	4.7	-5.6	453.7	453.7	0.2	99.9	0.0	0
39	00	1140.0	50.0	-60.9	-99.9	000	3.6	3.6	-0.4	500.1	500.1	0.2	99.9	0.0	0
40	00	1160.0	25.0	-53.9	-99.9	000	3.6	-3.6	0.2	639.7	639.7	0.2	99.9	0.0	0

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



ORIGINAL PAGE  
OF POOR QUALITY

TIME MIN	GMTCT	WEIGHT GPM	PRES MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT I DG K	E POT I DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
00	13	772	932	11	10	10	2	0	-2	290	313	8	95	0	0
00	14	999	1000	99	99	99	99	99	99	99	99	99	99	9	999
00	15	999	975	99	99	99	99	99	99	99	99	99	99	9	999
00	16	999	950	99	99	99	99	99	99	99	99	99	99	9	999
01	17	999	925	11	10	10	5	0	-4	290	313	8	96	2	0
01	18	1087	900	99	99	27	3	4	-2	293	315	8	95	7	0
01	19	1302	875	99	99	75	9	4	-1	295	315	8	95	6	0
02	20	1542	850	99	99	100	3	5	0	295	315	8	94	1	0
02	21	1788	825	99	99	143	8	4	0	296	315	8	94	9	0
03	22	2042	800	99	99	117	8	4	0	297	316	8	95	6	0
03	23	2302	775	99	99	115	1	4	3	298	316	8	95	4	0
04	24	2588	750	99	99	101	7	5	7	300	317	8	93	3	0
04	25	2845	725	99	99	80	3	5	3	301	317	8	93	3	0
05	26	3128	700	99	99	91	7	4	9	304	318	8	88	5	0
05	27	3420	675	99	99	112	9	4	9	304	318	8	88	5	0
06	28	3720	650	99	99	118	4	5	8	305	317	8	83	3	0
06	29	4030	625	99	99	104	1	6	3	306	318	8	83	4	0
07	30	4350	600	99	99	94	6	7	0	308	317	8	80	6	0
07	31	4683	575	99	99	83	9	7	0	312	313	8	72	3	0
08	32	5028	550	99	99	81	9	4	2	314	315	8	68	5	0
08	33	5389	525	99	99	99	9	9	9	316	317	8	65	1	0
09	34	5764	500	99	99	99	9	9	9	318	318	8	65	3	0
09	35	6155	475	99	99	99	9	9	9	319	318	8	63	4	0
09	36	6562	450	99	99	99	9	9	9	320	317	8	63	4	0
10	37	6980	425	99	99	99	9	9	9	320	317	8	63	4	0
10	38	7400	400	99	99	99	9	9	9	320	317	8	63	4	0
10	39	7820	375	99	99	99	9	9	9	320	317	8	63	4	0
11	40	8240	350	99	99	99	9	9	9	320	317	8	63	4	0
11	41	8660	325	99	99	99	9	9	9	320	317	8	63	4	0
11	42	9080	300	99	99	99	9	9	9	320	317	8	63	4	0
12	43	9500	275	99	99	99	9	9	9	320	317	8	63	4	0
12	44	9920	250	99	99	99	9	9	9	320	317	8	63	4	0
13	45	10340	225	99	99	99	9	9	9	320	317	8	63	4	0
13	46	10760	200	99	99	99	9	9	9	320	317	8	63	4	0
14	47	11180	175	99	99	99	9	9	9	320	317	8	63	4	0
14	48	11600	150	99	99	99	9	9	9	320	317	8	63	4	0
15	49	12020	125	99	99	99	9	9	9	320	317	8	63	4	0
15	50	12440	100	99	99	99	9	9	9	320	317	8	63	4	0
16	51	12860	75	99	99	99	9	9	9	320	317	8	63	4	0
16	52	13280	50	99	99	99	9	9	9	320	317	8	63	4	0
17	53	13700	25	99	99	99	9	9	9	320	317	8	63	4	0
17	54	14120	0	99	99	99	9	9	9	320	317	8	63	4	0
18	55	14540	99	99	99	99	9	9	9	320	317	8	63	4	0
18	56	14960	99	99	99	99	9	9	9	320	317	8	63	4	0
19	57	15380	99	99	99	99	9	9	9	320	317	8	63	4	0
20	58	15800	99	99	99	99	9	9	9	320	317	8	63	4	0
21	59	16220	99	99	99	99	9	9	9	320	317	8	63	4	0
22	60	16640	99	99	99	99	9	9	9	320	317	8	63	4	0
23	61	17060	99	99	99	99	9	9	9	320	317	8	63	4	0
24	62	17480	99	99	99	99	9	9	9	320	317	8	63	4	0
25	63	17900	99	99	99	99	9	9	9	320	317	8	63	4	0
26	64	18320	99	99	99	99	9	9	9	320	317	8	63	4	0
27	65	18740	99	99	99	99	9	9	9	320	317	8	63	4	0
28	66	19160	99	99	99	99	9	9	9	320	317	8	63	4	0
29	67	19580	99	99	99	99	9	9	9	320	317	8	63	4	0
30	68	20000	99	99	99	99	9	9	9	320	317	8	63	4	0
31	69	20420	99	99	99	99	9	9	9	320	317	8	63	4	0
32	70	20840	99	99	99	99	9	9	9	320	317	8	63	4	0
33	71	21260	99	99	99	99	9	9	9	320	317	8	63	4	0
34	72	21680	99	99	99	99	9	9	9	320	317	8	63	4	0
35	73	22100	99	99	99	99	9	9	9	320	317	8	63	4	0
36	74	22520	99	99	99	99	9	9	9	320	317	8	63	4	0
37	75	22940	99	99	99	99	9	9	9	320	317	8	63	4	0
38	76	23360	99	99	99	99	9	9	9	320	317	8	63	4	0
39	77	23780	99	99	99	99	9	9	9	320	317	8	63	4	0
40	78	24200	99	99	99	99	9	9	9	320	317	8	63	4	0
41	79	24620	99	99	99	99	9	9	9	320	317	8	63	4	0
42	80	25040	99	99	99	99	9	9	9	320	317	8	63	4	0
43	81	25460	99	99	99	99	9	9	9	320	317	8	63	4	0
44	82	25880	99	99	99	99	9	9	9	320	317	8	63	4	0
45	83	26300	99	99	99	99	9	9	9	320	317	8	63	4	0
46	84	26720	99	99	99	99	9	9	9	320	317	8	63	4	0
47	85	27140	99	99	99	99	9	9	9	320	317	8	63	4	0
48	86	27560	99	99	99	99	9	9	9	320	317	8	63	4	0
49	87	27980	99	99	99	99	9	9	9	320	317	8	63	4	0
50	88	28400	99	99	99	99	9	9	9	320	317	8	63	4	0
51	89	28820	99	99	99	99	9	9	9	320	317	8	63	4	0
52	90	29240	99	99	99	99	9	9	9	320	317	8	63	4	0
53	91	29660	99	99	99	99	9	9	9	320	317	8	63	4	0
54	92	30080	99	99	99	99	9	9	9	320	317	8	63	4	0
55	93	30500	99	99	99	99	9	9	9	320	317	8	63	4	0
56	94	30920	99	99	99	99	9	9	9	320	317	8	63	4	0
57	95	31340	99	99	99	99	9	9	9	320	317	8	63	4	0
58	96	31760	99	99	99	99	9	9	9	320	317	8	63	4	0
59	97	32180	99	99	99	99	9	9	9	320	317	8	63	4	0
60	98	32600	99	99	99	99	9	9	9	320	317	8	63	4	0
61	99	33020	99	99	99	99	9	9	9	320	317	8	63	4	0
62	00	33440	99	99	99	99	9	9	9	320	317	8	63	4	0
63	01	33860	99	99	99	99	9	9	9	320	317	8	63	4	0
64	02	34280	99	99	99	99	9	9	9	320	317	8	63	4	0
65	03	34700	99	99	99	99	9	9	9	320	317	8	63	4	0
66	04	35120	99	99	99	99	9	9	9	320	317	8	63	4	0
67	05	35540	99	99	99	99	9	9	9	320	317	8	63	4	0
68	06	35960	99	99	99	99	9	9	9	320	317	8	63	4	0
69	07	36380	99	99	99	99	9	9	9	320	317	8	63	4	0
70	08	36800	99	99	99	99	9	9	9	320	317	8	63	4	0
71	09	37220	99	99	99	99	9	9	9	320	317	8	63	4	0
72	10	37640	99	99	99	99	9	9	9	320	317	8	63	4	0
73	11	38060	99	99	99	99	9	9	9	320	317	8	63	4	0
74	12	38480	99	99	99	99	9	9	9	320	317	8	63	4	0
75	13	38900	99	99	99	99	9	9	9	320	317	8	63	4	0
76	14	39320	99	99	99	99	9	9	9	320	317	8	63	4	0
77	15	39740	99	99	99	99	9	9	9	320	317	8	63	4	0
78	16	40160	99	99	99	99	9	9	9	320	317	8	63	4	0
79	17	4													



ORIGINAL PARTIAL  
OF POOR QUALITY

STATION NO. 102  
POST, TEXAS  
1 MAY 1982  
1729 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
00	13	772	934	14	12	40	2	-1	-2	293	318	9	89	0	0
01	09	99	1000	99	99	99	99	99	99	99	99	99	99	99	99
02	09	99	975	99	99	99	99	99	99	99	99	99	99	99	99
03	09	99	950	99	99	99	99	99	99	99	99	99	99	99	99
04	17	653	925	12	10	73	5	-6	-1	292	315	8	90	0	1
05	17	1063	900	10	10	73	5	-5	-1	292	315	8	90	0	3
06	19	1317	875	9	8	68	3	-3	0	293	315	8	96	0	8
07	22	1556	850	6	6	68	3	-3	0	293	315	8	96	0	8
08	24	1805	825	6	6	93	2	-3	0	293	315	8	96	0	8
09	27	2059	800	6	5	99	6	-4	0	295	317	7	95	1	3
10	30	2319	775	4	4	133	3	-2	1	299	317	7	95	1	3
11	33	2586	750	3	3	147	7	-2	6	300	317	7	95	1	3
12	35	2862	725	2	2	148	3	-2	8	301	317	7	95	1	3
13	38	3145	700	0	0	132	5	-4	6	303	317	7	95	1	3
14	41	3437	675	0	-1	111	1	-5	0	304	317	7	95	1	3
15	44	3738	650	0	-4	101	6	-5	0	307	318	0	77	8	2
16	47	4049	625	0	-6	142	1	-1	0	308	318	0	71	9	2
17	50	4372	600	0	-15	183	1	0	0	311	318	0	40	6	3
18	53	4707	575	0	-19	247	1	1	9	313	318	0	33	2	2
19	56	5055	550	0	-23	336	3	2	2	315	320	0	38	2	2
20	59	5418	525	0	-27	331	2	1	8	318	322	0	39	0	2
21	62	5791	500	0	-31	341	9	0	9	318	322	0	44	7	2
22	65	6161	475	0	-35	289	9	2	5	320	322	0	41	7	2
23	68	6567	450	0	-39	312	2	3	8	322	322	0	41	7	2
24	71	7012	425	0	-43	339	7	4	0	322	322	0	41	7	2
25	74	7457	400	0	-46	339	7	2	6	322	322	0	41	7	2
26	77	7925	375	0	-50	291	1	7	2	323	322	0	41	7	2
27	80	8417	350	0	-53	300	2	5	3	323	322	0	41	7	2
28	83	8938	325	0	-56	289	3	6	6	323	322	0	41	7	2
29	86	9485	300	0	-59	294	0	0	0	323	322	0	41	7	2
30	89	10071	275	0	-61	289	2	0	0	323	322	0	41	7	2
31	92	10697	250	0	-63	289	1	12	0	323	322	0	41	7	2
32	95	11375	225	0	-65	284	8	10	3	323	322	0	41	7	2
33	98	12117	200	0	-67	279	0	14	9	337	322	0	41	7	2
34	101	12841	175	0	-69	289	2	16	3	348	322	0	41	7	2
35	104	13601	150	0	-71	287	0	18	2	368	322	0	41	7	2
36	107	14401	125	0	-73	293	2	15	0	382	322	0	41	7	2
37	110	15233	100	0	-75	277	6	11	3	404	322	0	41	7	2
38	113	16105	75	0	-77	277	6	8	5	413	322	0	41	7	2
39	116	17018	50	0	-79	277	6	5	2	413	322	0	41	7	2
40	119	18000	25	0	-81	277	6	3	9	413	322	0	41	7	2
41	122	19000	0	0	-83	277	6	0	9	413	322	0	41	7	2
42	125	20000	0	0	-85	277	6	0	9	413	322	0	41	7	2
43	128	21000	0	0	-87	277	6	0	9	413	322	0	41	7	2
44	131	22000	0	0	-89	277	6	0	9	413	322	0	41	7	2
45	134	23000	0	0	-91	277	6	0	9	413	322	0	41	7	2
46	137	24000	0	0	-93	277	6	0	9	413	322	0	41	7	2
47	140	25000	0	0	-95	277	6	0	9	413	322	0	41	7	2
48	143	26000	0	0	-97	277	6	0	9	413	322	0	41	7	2
49	146	27000	0	0	-99	277	6	0	9	413	322	0	41	7	2
50	149	28000	0	0	-101	277	6	0	9	413	322	0	41	7	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

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 102  
POST, TEXAS

1 MAY 1982  
2012 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 RTD GM/KG	RH PCT	RANGE KM	AZ DG
00	00	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.
00	00	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00	00	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00	02	840.4	925.0	13.3	11.4	153.6	1.1	0.5	1.0	292.9	317.6	9.2	88.5	0.2	257.
00	04	1071.0	900.0	11.7	10.8	111.2	1.8	-2.8	0.6	293.6	317.6	9.1	85.3	0.3	252.
00	06	1308.5	875.0	9.9	9.2	100.6	2.8	-2.7	1.3	295.8	317.8	8.2	85.1	0.5	277.
00	08	1547.7	850.0	8.0	8.5	125.7	3.3	-2.7	1.9	287.0	317.8	7.3	94.7	0.7	290.
00	10	1795.4	825.0	5.7	7.2	142.2	4.4	-3.9	3.4	298.1	317.5	7.0	93.7	0.9	298.
00	12	2048.3	800.0	3.6	5.8	199.7	4.0	-3.9	4.8	299.9	317.5	6.2	93.8	1.1	292.
00	14	2310.1	775.0	2.2	4.8	123.2	3.3	-1.4	3.2	300.5	317.7	5.2	94.6	1.3	303.
00	16	2578.1	750.0	0.3	2.4	156.0	4.2	-2.3	4.1	301.9	318.3	4.3	92.1	1.5	310.
00	18	2853.1	725.0	0.3	1.4	152.8	5.1	-2.9	4.9	302.8	315.8	4.3	78.8	1.8	312.
00	20	3128.2	700.0	-0.7	-3.9	135.5	4.1	-2.9	5.8	304.9	317.2	3.6	65.9	2.2	313.
00	22	3427.2	675.0	-0.9	-6.5	174.5	2.2	-0.2	6.7	307.9	318.6	3.1	57.8	2.5	315.
00	24	3728.9	650.0	-1.3	-11.6	212.9	1.9	-4.3	7.6	311.0	317.4	2.0	49.8	2.8	310.
00	26	4041.7	625.0	-1.3	-15.0	244.2	4.5	-1.2	8.5	313.7	319.9	1.6	36.3	3.1	305.
00	28	4367.0	600.0	-1.1	-16.0	277.5	3.7	1.4	9.4	314.5	321.2	1.6	37.1	3.4	298.
00	30	4703.7	575.0	-4.7	-18.9	340.7	1.7	2.9	10.3	317.2	322.4	1.4	38.0	3.7	292.
00	32	5052.4	550.0	-9.1	-20.3	298.7	1.8	4.8	11.2	319.2	322.4	1.0	36.0	4.0	305.
00	34	5418.2	525.0	-11.4	-25.4	277.9	4.8	4.5	12.1	320.1	323.3	0.9	36.0	4.3	305.
00	36	5790.2	500.0	-14.5	-28.2	288.8	4.0	3.8	13.0	321.4	323.5	0.8	34.4	4.6	352.
00	38	6181.6	475.0	-17.4	-32.2	277.9	4.8	4.4	13.9	322.9	323.7	0.7	32.7	4.9	88.
00	40	6589.1	450.0	-20.4	-41.1	292.3	4.8	4.4	14.8	324.2	324.9	0.6	32.1	5.2	88.
00	42	7014.8	425.0	-23.7	-44.1	288.8	7.0	6.4	15.7	325.4	326.0	0.5	31.8	5.5	104.
00	44	7460.7	400.0	-27.3	-46.7	294.2	7.0	7.8	16.6	325.8	326.3	0.4	31.8	5.8	104.
00	46	7929.4	375.0	-31.9	-47.4	283.9	7.2	8.2	17.5	326.3	326.8	0.3	31.8	6.1	103.
00	48	8421.1	350.0	-36.6	-48.5	283.2	8.6	8.2	18.4	326.8	326.8	0.2	31.8	6.4	104.
00	50	8938.6	325.0	-40.9	-48.5	280.4	10.9	8.2	19.3	326.8	326.8	0.1	31.8	6.7	104.
00	52	9488.5	300.0	-45.3	-48.5	284.1	8.6	8.2	20.2	326.8	326.8	0.1	31.8	7.0	104.
00	54	10078.3	275.0	-48.3	-48.3	280.1	10.9	8.2	21.1	326.8	326.8	0.1	31.8	7.3	104.
00	56	10700.6	250.0	-50.3	-48.3	280.8	11.9	8.2	22.0	326.8	326.8	0.1	31.8	7.6	104.
00	58	11378.7	225.0	-52.6	-48.3	277.9	14.5	8.2	22.9	326.8	326.8	0.1	31.8	7.9	104.
00	60	12123.7	200.0	-55.8	-48.3	283.2	17.4	8.2	23.8	326.8	326.8	0.1	31.8	8.2	104.
00	62	12954.7	175.0	-58.3	-48.3	289.9	17.6	8.2	24.7	326.8	326.8	0.1	31.8	8.5	104.
00	64	13812.0	150.0	-61.9	-48.3	290.9	16.9	8.2	25.6	326.8	326.8	0.1	31.8	8.8	104.
00	66	14748.2	125.0	-65.7	-48.3	285.4	20.2	8.2	26.5	326.8	326.8	0.1	31.8	9.1	104.
00	68	15048.2	100.0	-69.7	-48.3	285.4	17.4	8.2	27.4	326.8	326.8	0.1	31.8	9.4	104.
00	70	16420.8	75.0	-64.1	-48.3	291.1	14.4	8.2	28.3	326.8	326.8	0.1	31.8	9.7	104.
00	72	18188.1	50.0	-62.5	-48.3	291.1	6.3	8.2	29.2	326.8	326.8	0.1	31.8	10.0	104.
00	74	20703.3	25.0	-57.9	-48.3	299.9	99.9	99.9	29.9	326.8	326.8	0.1	31.8	10.3	104.
00	76	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 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 2123  
OF POC 0

STATION NO. 102  
POST, TEXAS  
1 MAY 1982  
2313 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 I DG K	E POT T DG K	MX WIND CM/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	99.9	99.9	99.9	99.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
0.2	15.0	825.9	925.0	15.2	99.9	92.1	6.9	-6.9	0.3	295.0	320.5	9.7	91.9	0.2	295
0.9	17.6	1057.6	900.0	13.0	99.9	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	295.0	320.5	9.7	94.7	0.4	277
2.5	22.9	1536.4	850.0	9.7	8.1	118.0	2.2	-2.2	1.2	295.0	320.5	9.7	95.7	0.5	277
3.2	25.6	1784.6	825.0	8.7	6.2	138.3	2.8	-1.8	2.0	295.0	320.5	9.7	95.7	0.5	277
4.1	28.3	2038.0	800.0	7.4	3.5	153.9	2.9	-1.6	2.7	295.0	320.5	9.7	95.7	0.5	277
4.8	31.0	2300.2	775.0	6.1	1.7	173.1	2.1	-1.6	3.0	295.0	320.5	9.7	95.7	0.5	277
5.6	33.8	2568.7	750.0	4.7	0.7	193.8	3.2	0.6	3.1	303.4	318.0	5.4	73.4	0.8	287
6.6	36.6	2845.0	725.0	3.6	-0.4	202.3	5.0	1.9	4.5	303.4	318.0	5.4	73.4	0.8	287
7.4	39.4	3129.4	700.0	1.8	-0.9	197.8	5.0	1.5	4.7	303.4	318.0	5.4	75.1	0.9	307
8.2	42.3	3423.0	675.0	1.8	-4.4	202.2	1.8	0.7	4.8	307.7	319.7	4.1	83.4	1.1	321
9.1	45.1	3726.9	650.0	1.0	-7.6	315.0	0.6	0.5	5.2	310.1	320.5	3.3	83.4	1.1	328
10.3	48.0	4041.6	625.0	0.6	-11.9	52.0	1.1	-0.8	5.5	313.1	320.5	1.8	52.7	1.2	329
11.4	51.0	4367.8	600.0	0.6	-15.9	90.7	0.7	-0.7	5.8	313.8	320.5	1.8	52.7	1.2	329
12.6	54.0	4705.2	575.0	-2.9	-17.7	14.9	0.7	-0.7	6.1	315.5	320.5	1.8	52.7	1.2	329
13.9	57.0	5054.6	550.0	-6.1	-19.3	355.3	1.4	0.7	6.4	316.8	320.5	1.8	52.7	1.2	329
15.1	60.1	5417.3	525.0	-8.7	-21.4	312.7	2.3	1.7	6.7	318.0	320.5	1.8	52.7	1.2	329
16.5	63.4	5784.6	500.0	-10.6	-26.5	288.3	4.9	4.7	7.0	320.1	320.5	1.8	52.7	1.2	329
18.1	66.6	6187.3	475.0	-13.6	-27.3	297.9	4.5	4.0	7.3	321.2	320.5	1.8	52.7	1.2	329
19.8	70.0	6595.9	450.0	-16.3	-41.7	303.1	3.5	2.9	7.6	322.8	320.5	1.8	52.7	1.2	329
21.4	73.3	7024.1	425.0	-19.1	-43.9	295.7	4.9	4.4	7.9	324.5	320.5	1.8	52.7	1.2	329
23.2	76.8	7472.5	400.0	-22.6	-44.9	295.1	8.5	5.9	8.2	325.7	320.5	1.8	52.7	1.2	329
24.9	80.4	7942.3	375.0	-26.8	-46.3	287.4	8.0	7.6	8.5	326.1	320.5	1.8	52.7	1.2	329
26.6	84.0	8436.3	350.0	-30.3	-50.6	283.8	9.6	9.3	8.8	327.9	320.5	1.8	52.7	1.2	329
28.5	87.9	8950.0	325.0	-35.4	-54.0	291.2	10.4	9.7	9.1	329.6	320.5	1.8	52.7	1.2	329
30.7	91.8	9510.7	300.0	-39.6	-59.9	288.7	11.2	10.6	9.4	329.6	320.5	1.8	52.7	1.2	329
33.0	96.0	10098.9	275.0	-45.2	-66.9	286.5	12.3	11.8	9.7	329.6	320.5	1.8	52.7	1.2	329
35.1	100.2	10728.9	250.0	-49.2	-73.9	280.2	16.2	16.0	9.9	329.6	320.5	1.8	52.7	1.2	329
37.7	104.8	11413.5	225.0	-53.8	-80.9	279.9	19.4	19.1	10.1	329.6	320.5	1.8	52.7	1.2	329
40.6	109.8	12162.9	200.0	-58.2	-88.9	287.5	20.1	19.1	10.3	329.6	320.5	1.8	52.7	1.2	329
43.5	115.0	12985.1	175.0	-61.6	-96.9	287.4	20.2	19.3	10.5	329.6	320.5	1.8	52.7	1.2	329
46.9	120.7	13952.6	150.0	-60.9	-99.9	287.8	22.1	21.0	10.8	329.6	320.5	1.8	52.7	1.2	329
50.8	127.2	15083.9	125.0	-61.7	-99.9	291.1	19.0	17.7	11.1	329.6	320.5	1.8	52.7	1.2	329
55.8	134.3	16456.3	100.0	-64.7	-99.9	293.9	14.1	12.9	11.4	329.6	320.5	1.8	52.7	1.2	329
61.9	143.0	18209.7	75.0	-64.0	-99.9	314.8	8.2	5.8	11.7	329.6	320.5	1.8	52.7	1.2	329
69.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999

\* 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  
2 MAY 1982  
210 GMT

TIPS MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	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	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	999.9	999.9	999.9	999.9	294.1	999.9	999.9	999.9	999.9	999.9
0.3	15.4	828.6	925.0	14.5	11.1	999.9	999.9	999.9	999.9	294.3	318.7	9.3	91.5	0.3	286
1.1	16.1	1059.6	900.0	12.4	9.8	999.9	999.9	999.9	999.9	294.9	318.0	8.7	94.1	0.3	299
1.9	20.6	1295.8	875.0	10.7	8.4	999.9	999.9	999.9	999.9	295.7	317.5	8.2	95.3	0.5	303
2.8	23.4	1537.4	850.0	9.1	7.7	142.5	3.0	-1.8	2.4	295.7	317.4	7.7	95.1	0.6	309
3.6	26.1	1784.6	825.0	7.8	6.1	148.6	4.2	-2.2	3.0	299.5	319.7	7.4	88.8	0.8	318
4.6	28.5	2038.4	800.0	5.4	4.2	161.9	3.6	-2.2	3.4	299.6	319.7	7.4	88.8	0.8	318
6.0	31.7	2299.2	775.0	4.3	2.1	177.1	5.0	-0.3	5.0	301.3	317.5	5.8	78.5	1.1	316
7.3	34.4	2567.3	750.0	2.5	1.7	198.9	7.3	2.4	6.9	302.3	317.5	6.0	63.0	1.4	323
8.7	37.2	2843.0	725.0	1.6	1.6	229.3	8.1	2.4	8.9	304.0	316.9	6.0	52.5	1.8	334
10.1	40.1	3128.8	700.0	1.0	1.3	239.9	8.1	4.4	10.3	306.7	315.7	3.0	49.8	2.2	349
11.6	43.0	3419.8	675.0	1.0	1.3	259.9	8.1	4.4	11.3	308.7	315.7	3.0	48.5	2.5	363
12.9	45.9	3722.5	650.0	1.0	1.3	283.7	8.1	4.4	12.3	310.2	314.7	1.4	48.5	2.7	377
14.3	48.6	4035.2	625.0	-1.9	-18.5	199.5	0.5	-0.8	0.1	312.0	317.8	1.8	36.4	2.7	385
15.9	51.8	4358.9	600.0	-3.5	-23.2	124.6	0.6	-0.7	0.1	313.9	317.3	1.2	36.4	2.7	385
17.4	54.8	4694.3	575.0	-5.2	-22.3	59.8	0.9	-0.4	0.2	315.2	319.0	0.8	22.8	2.7	385
19.1	57.9	5042.0	550.0	-7.5	-22.3	344.2	2.8	0.2	0.6	315.2	319.0	0.8	22.8	2.7	385
20.8	61.0	5402.7	525.0	-9.7	-26.3	282.1	4.4	2.8	0.6	317.5	320.4	0.6	25.1	2.7	385
22.5	64.3	5777.6	500.0	-12.8	-32.3	265.0	3.5	3.5	0.3	318.5	320.5	0.6	25.1	2.7	385
24.3	67.4	6166.6	475.0	-15.8	-41.0	265.0	3.5	3.5	0.3	320.5	320.5	0.2	25.1	2.7	385
26.2	70.9	6572.5	450.0	-18.1	-43.5	265.0	3.5	3.5	0.3	320.5	320.5	0.2	25.1	2.7	385
28.2	74.3	6997.0	425.0	-21.4	-45.1	265.0	3.5	3.5	0.3	320.5	320.5	0.2	25.1	2.7	385
30.1	77.9	7440.8	400.0	-25.0	-47.9	303.8	3.9	3.5	0.3	321.5	322.3	0.2	25.1	2.7	385
32.0	81.4	7906.1	375.0	-29.1	-52.1	311.9	6.0	6.7	0.1	323.5	323.2	0.2	25.1	2.7	385
34.1	85.2	8395.2	350.0	-33.3	-55.5	308.4	8.7	8.5	0.1	323.8	324.2	0.1	25.1	2.7	385
36.3	89.0	8911.1	325.0	-37.2	-55.5	308.4	9.8	7.7	0.1	325.4	325.6	0.1	25.1	2.7	385
38.6	93.2	9458.4	300.0	-42.3	-59.9	301.3	10.8	9.2	0.1	325.7	325.6	0.1	25.1	2.7	385
41.0	97.2	10041.1	275.0	-48.1	-66.1	292.2	15.3	14.1	0.1	325.7	325.6	0.1	25.1	2.7	385
43.6	101.8	10669.5	250.0	-50.2	-66.1	286.2	21.3	20.4	0.1	325.7	325.6	0.1	25.1	2.7	385
46.1	106.4	11350.6	225.0	-54.8	-66.1	281.2	22.1	21.6	0.1	334.5	325.6	0.1	25.1	2.7	385
48.9	111.5	12093.5	200.0	-60.6	-66.1	281.2	22.1	21.9	0.1	334.5	325.6	0.1	25.1	2.7	385
52.0	116.8	12915.8	175.0	-63.6	-66.1	281.2	22.4	21.9	0.1	334.5	325.6	0.1	25.1	2.7	385
55.9	122.7	13865.9	150.0	-62.1	-66.1	281.2	21.2	18.9	0.1	334.5	325.6	0.1	25.1	2.7	385
59.9	128.3	14885.3	125.0	-65.5	-66.1	281.2	19.1	16.8	0.1	334.5	325.6	0.1	25.1	2.7	385
65.2	136.7	16342.9	100.0	-68.2	-66.1	281.2	16.8	10.2	0.1	334.5	325.6	0.1	25.1	2.7	385
72.2	145.3	18096.2	75.0	-65.1	-66.1	310.6	4.4	4.4	0.1	436.5	325.6	0.1	25.1	2.7	385
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

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

ORIGINAL RECORD  
OF PULL QUALITY

STATION NO. 102  
POST, TEXAS  
2 MAY 512 GMT 1982

TIME MT	CNTCT	HEIGH' GPM	PRES MB	TEMP DG C	DEW PT DG 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/KL	RH PCT	RANGE KM	AZ DG	0
00	13.7	772.0	931.7	14.9	13.1	0	0	0	0	293.9	320.8	10.3	89	0	0	0
00.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.0	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02.0	13.3	833.3	925.0	14.7	13.2	99.9	99.9	99.9	99.9	294.3	321.6	10.4	90	0	0	0
02.1	13.9	1065.1	900.0	13.3	11.5	99.9	99.9	99.9	99.9	295.3	320.4	10.4	88	0	0	0
02.2	19.5	1302.1	875.0	11.6	10.1	99.9	99.9	99.9	99.9	295.4	319.6	8.0	80	0	0	0
02.3	22.1	1544.4	850.0	9.8	9.0	129.1	4.1	-3.2	2.6	296.4	319.2	7.8	95	0	0	0
02.4	27.3	1792.1	825.0	8.0	7.3	159.0	4.1	-2.4	6.3	297.0	318.5	7.4	95	0	0	0
02.5	30.0	2046.2	800.0	6.7	6.1	176.4	6.8	-0.5	8.0	298.3	318.5	7.4	90	0	0	0
02.6	32.8	2307.3	775.0	4.7	4.6	192.3	7.7	1.6	7.5	300.3	319.4	6.9	88	0	0	0
02.7	35.1	2576.0	750.0	2.7	2.9	200.4	7.1	2.7	7.2	301.6	319.2	6.3	82	0	0	0
02.8	37.9	2852.3	725.0	0.2	0.2	212.4	6.5	4.5	7.1	303.5	321.1	6.3	81	0	0	0
02.9	40.7	3137.4	700.0	-2.5	0.2	223.9	5.9	6.5	6.1	307.0	321.1	5.5	84	0	0	0
03.0	43.4	3431.4	675.0	-4.8	-2.9	236.2	5.2	8.5	4.4	308.9	320.3	4.5	80	0	0	0
03.1	46.3	3734.6	650.0	-7.1	-4.9	248.2	4.9	10.5	3.0	310.4	319.4	3.5	73	0	0	0
03.2	49.1	4048.0	625.0	-9.4	-7.2	260.5	4.2	12.5	1.9	312.6	318.7	2.8	68	0	0	0
03.3	52.0	4372.2	600.0	-11.7	-9.4	272.9	3.4	14.5	1.8	314.5	319.1	2.1	62	0	0	0
03.4	54.9	4706.4	575.0	-14.0	-11.7	285.1	2.7	16.5	1.4	316.9	320.2	1.4	57	0	0	0
03.5	57.8	5056.4	550.0	-16.3	-14.0	297.4	2.0	18.5	0.9	319.4	320.6	0.7	52	0	0	0
03.6	60.7	5417.3	525.0	-18.6	-16.3	309.7	1.3	20.5	0.8	317.4	321.4	0.2	47	0	0	0
03.7	63.6	5792.1	500.0	-20.9	-18.6	322.0	0.6	22.5	0.7	319.9	321.0	0.2	42	0	0	0
03.8	66.5	6181.9	475.0	-23.2	-20.9	334.3	0.0	24.5	0.6	321.2	322.1	0.2	37	0	0	0
03.9	69.4	6589.3	450.0	-25.5	-23.2	346.6	0.0	26.5	0.5	322.7	322.8	0.2	32	0	0	0
04.0	72.3	7014.2	425.0	-27.8	-25.5	358.9	0.0	28.5	0.4	324.0	323.5	0.1	27	0	0	0
04.1	75.2	7458.5	400.0	-30.1	-27.8	371.2	0.0	30.5	0.3	325.5	324.2	0.1	22	0	0	0
04.2	78.1	7924.3	375.0	-32.4	-30.1	383.5	0.0	32.5	0.2	326.8	324.8	0.1	17	0	0	0
04.3	81.0	8413.9	350.0	-34.7	-32.4	395.8	0.0	34.5	0.1	328.1	325.5	0.1	12	0	0	0
04.4	83.9	8930.9	325.0	-37.0	-34.7	408.1	0.0	36.5	0.0	329.4	326.2	0.0	7	0	0	0
04.5	86.8	9479.5	300.0	-39.3	-37.0	420.4	0.0	38.5	0.0	330.7	326.8	0.0	2	0	0	0
04.6	89.7	10066.7	275.0	-41.6	-39.3	432.7	0.0	40.5	0.0	332.0	327.5	0.0	0	0	0	0
04.7	92.6	10699.3	250.0	-43.9	-41.6	445.0	0.0	42.5	0.0	333.3	328.2	0.0	0	0	0	0
04.8	95.5	11382.6	225.0	-46.2	-43.9	457.3	0.0	44.5	0.0	334.6	328.9	0.0	0	0	0	0
04.9	98.4	12125.4	200.0	-48.5	-46.2	469.6	0.0	46.5	0.0	336.0	329.6	0.0	0	0	0	0
05.0	101.3	12928.2	175.0	-50.8	-48.5	481.9	0.0	48.5	0.0	337.3	330.3	0.0	0	0	0	0
05.1	104.2	13801.0	150.0	-53.1	-50.8	494.2	0.0	50.5	0.0	338.6	331.0	0.0	0	0	0	0
05.2	107.1	14753.8	125.0	-55.4	-53.1	506.5	0.0	52.5	0.0	340.0	331.7	0.0	0	0	0	0
05.3	110.0	15786.6	100.0	-57.7	-55.4	518.8	0.0	54.5	0.0	341.3	332.4	0.0	0	0	0	0
05.4	112.9	16909.4	75.0	-60.0	-57.7	531.1	0.0	56.5	0.0	342.6	333.1	0.0	0	0	0	0
05.5	115.8	18132.2	50.0	-62.3	-60.0	543.4	0.0	58.5	0.0	343.9	333.8	0.0	0	0	0	0
05.6	118.7	19455.0	25.0	-64.6	-62.3	555.7	0.0	60.5	0.0	345.2	334.5	0.0	0	0	0	0
05.7	121.6	20877.8	0.0	-66.9	-64.6	568.0	0.0	62.5	0.0	346.5	335.2	0.0	0	0	0	0
05.8	124.5	22400.6	0.0	-69.2	-66.9	580.3	0.0	64.5	0.0	347.8	335.9	0.0	0	0	0	0
05.9	127.4	24023.4	0.0	-71.5	-69.2	592.6	0.0	66.5	0.0	349.1	336.6	0.0	0	0	0	0
06.0	130.3	25746.2	0.0	-73.8	-71.5	604.9	0.0	68.5	0.0	350.4	337.3	0.0	0	0	0	0
06.1	133.2	27569.0	0.0	-76.1	-73.8	617.2	0.0	70.5	0.0	351.7	338.0	0.0	0	0	0	0
06.2	136.1	29491.8	0.0	-78.4	-76.1	629.5	0.0	72.5	0.0	353.0	338.7	0.0	0	0	0	0
06.3	139.0	31514.6	0.0	-80.7	-78.4	641.8	0.0	74.5	0.0	354.3	339.4	0.0	0	0	0	0
06.4	141.9	33637.4	0.0	-83.0	-80.7	654.1	0.0	76.5	0.0	355.6	340.1	0.0	0	0	0	0
06.5	144.8	35860.2	0.0	-85.3	-83.0	666.4	0.0	78.5	0.0	356.9	340.8	0.0	0	0	0	0
06.6	147.7	38183.0	0.0	-87.6	-85.3	678.7	0.0	80.5	0.0	358.2	341.5	0.0	0	0	0	0
06.7	150.6	40605.8	0.0	-89.9	-87.6	691.0	0.0	82.5	0.0	359.5	342.2	0.0	0	0	0	0
06.8	153.5	43128.6	0.0	-92.2	-89.9	703.3	0.0	84.5	0.0	360.8	342.9	0.0	0	0	0	0
06.9	156.4	45751.4	0.0	-94.5	-92.2	715.6	0.0	86.5	0.0	362.1	343.6	0.0	0	0	0	0
07.0	159.3	48474.2	0.0	-96.8	-94.5	727.9	0.0	88.5	0.0	363.4	344.3	0.0	0	0	0	0
07.1	162.2	51297.0	0.0	-99.1	-96.8	740.2	0.0	90.5	0.0	364.7	345.0	0.0	0	0	0	0
07.2	165.1	54220.8	0.0	-101.4	-99.1	752.5	0.0	92.5	0.0	366.0	345.7	0.0	0	0	0	0
07.3	168.0	57243.6	0.0	-103.7	-101.4	764.8	0.0	94.5	0.0	367.3	346.4	0.0	0	0	0	0
07.4	170.9	60366.4	0.0	-106.0	-103.7	777.1	0.0	96.5	0.0	368.6	347.1	0.0	0	0	0	0
07.5	173.8	63589.2	0.0	-108.3	-106.0	789.4	0.0	98.5	0.0	369.9	347.8	0.0	0	0	0	0
07.6	176.7	66912.0	0.0	-110.6	-108.3	801.7	0.0	100.5	0.0	371.2	348.5	0.0	0	0	0	0
07.7	179.6	70334.8	0.0	-112.9	-110.6	814.0	0.0	102.5	0.0	372.5	349.2	0.0	0	0	0	0
07.8	182.5	73857.6	0.0	-115.2	-112.9	826.3	0.0	104.5	0.0	373.8	349.9	0.0	0	0	0	0
07.9	185.4	77480.4	0.0	-117.5	-115.2	838.6	0.0	106.5	0.0	375.1	350.6	0.0	0	0	0	0
08.0	188.3	81203.2	0.0	-119.8	-117.5	850.9	0.0	108.5	0.0	376.4	351.3	0.0	0	0	0	0
08.1	191.2	85026.0	0.0	-122.1	-119.8	863.2	0.0	110.5	0.0	377.7	352.0	0.0	0	0	0	0
08.2	194.1	88948.8	0.0	-124.4	-122.1	875.5	0.0	112.5	0.0	379.0	352.7	0.0	0	0	0	0
08.3	197.0	92971.6	0.0	-126.7	-124.4	887.8	0.0	114.5	0.0	380.3	353.4	0.0	0	0	0	0
08.4	200.0	97094.4	0.0	-129.0	-126.7	900.1	0.0	116.5	0.0	381.6	354.1	0.0	0	0	0	0
08.5	202.9	101317.2	0.0	-131.3	-129.0	912.4	0.0	118.5	0.0	382.9	354.8	0.0	0	0	0	0
08.6	205.8	105640.0	0.0	-133.6	-131.3	924.7	0.0	120.5	0.0	384.2	355.5	0.0	0	0	0	0
08.7	208.7	110062.8	0.0	-135.9	-133.6	937.0	0.0	122.5	0.0	385.5	356.2	0.0	0	0	0	0
08.8	211.6	114585.6	0.0	-138.2	-135.9	949.3	0.0	124.5	0.0	386.8	356.9	0.0	0	0	0	0
08.9	214.5	119208.4	0.0	-140.5	-138.2	961.6	0.0	126.5	0.0	388.1	357.6	0.0	0	0	0	0
09.0	217.4	123931.2	0.0	-142.8	-140.5	973.9	0.0	128.5	0.0	389.4	358.3	0.0	0	0	0	0
09.1	220.3	128754.0	0.0	-145.1	-142.8	986.2	0.0	130.5	0.0	390.7	359.0	0.0	0	0	0	0
09.2	223.2	133676.8	0.0	-147.4	-145.1	998.5	0.0	132.5	0.0	392.0	359.7	0.0	0	0	0	0
09.3	226.1	138699.6	0.0	-149.7	-147.4	1010.8	0.0	134.5	0.0	393.3	360.4	0.0	0	0	0	0
09.4	229.0	143822.4	0.0	-152.0	-149.7	1023.1	0.0	136.5	0.0	394.6	361.1	0.0	0	0	0	0
09.5	231.9	149045.2	0.0	-154.3	-152.0	1035.4	0.0	138.5	0.0	395.9	361.8	0.0	0	0	0	0
09.6	234.8	154368.0	0.0	-156.6	-154.3	1047.7	0.0	140.5	0.0	397.2	362.5	0.0	0	0	0	0

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 232  
BOOTHVILLE, LOUISIANA

154 9 1

1 MAY 1982

1100 GMT

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

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/AG	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	281.5	324.3	12.8	38.0	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	324.3	12.8	38.0	999.9	999
1 4	9 7	377.6	975.0	17.8	18.3	999.9	99.9	99.9	99.9	293.1	324.4	12.1	88.1	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	999.9	999
3 0	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	1296.0	875.0	12.3	10.7	120.7	6.8	-5.2	4.5	295.6	318.6	7.4	91.9	2.0	289
5 7	21 7	1536.9	850.0	11.2	9.2	123.1	4.2	-3.4	2.4	297.8	313.6	5.7	59.5	2.3	292
6 6	24 2	1787.6	825.0	10.1	8.1	101.5	3.7	-3.6	0.8	299.8	313.0	4.1	44.1	2.5	292
7 5	26 7	2042.8	800.0	8.1	-0.3	51.9	4.1	-4.1	-0.6	301.1	314.1	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	301.1	316.2	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	302.6	316.2	5.4	76.6	3.1	283
10 4	34 2	2848.2	725.0	2.0	-0.4	32.8	6.1	-3.3	-5.1	302.6	317.3	5.7	78.2	3.3	277
11 2	36 8	3132.3	700.0	2.5	-2.3	35.1	5.4	-3.1	-4.4	304.8	318.2	5.7	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	318.2	2.6	47.0	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	268
14 5	44 9	4043.7	625.0	-1.1	-18.0	282.1	2.9	2.9	-0.6	311.2	315.8	1.1	26.3	3.5	265
15 7	47 7	4368.1	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	4708.0	575.0	-4.2	-23.9	258.4	3.2	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	-27.7	263.2	6.3	5.9	0.1	316.6	319.2	0.8	20.3	2.4	268
19 6	56 3	5417.0	525.0	-9.1	-29.9	249.4	7.2	6.8	0.8	317.5	320.0	0.7	20.3	1.9	268
21 0	59 3	5792.4	500.0	-11.9	-26.9	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	5.8	3.6	320.2	323.5	1.1	37.3	0.9	294
23 8	65 6	6581.8	450.0	-16.9	-25.4	248.4	6.2	5.8	2.3	322.0	325.6	1.1	47.8	0.8	331
25 5	68 8	7018.3	425.0	-20.3	-30.8	268.6	7.4	7.4	0.4	323.5	325.3	0.7	38.0	0.8	322
27 1	72 1	7463.8	400.0	-24.2	-28.6	280.2	9.8	9.7	1.7	323.5	327.7	0.3	22.0	2.4	62
28 9	75 7	7933.0	375.0	-28.4	-41.7	247.7	10.3	9.5	2.9	326.7	327.7	0.3	22.0	3.5	66
30 4	79 3	8428.2	350.0	-29.6	-40.9	259.6	12.2	12.0	2.2	328.5	329.6	0.3	32.9	4.7	71
32 0	82 9	8953.1	325.0	-33.2	-43.7	283.6	14.2	14.2	1.6	330.9	331.8	0.2	27.8	5.4	74
33 9	86 9	9510.1	300.0	-38.0	-49.7	283.9	19.7	19.6	2.1	331.8	332.4	0.1	999.9	8.5	77
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	79
40 5	100 0	11426.3	225.0	-55.1	99.9	264.0	23.5	23.3	2.4	335.1	999.9	99.9	999.9	14.9	80
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	81
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	25.8	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	30.7	81
51 9	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	34.8	83
55 9	128.2	16355.6	100.0	-65.5	99.9	278.2	15.7	15.5	-2.1	401.1	999.9	99.9	999.9	38.3	86
61 2	135.3	18100.8	75.0	-61.7	99.9	300.9	12.0	10.3	-6.1	435.2	999.9	99.9	999.9	40.5	89
68 1	143.5	20588.2	50.0	-61.7	99.9	321.7	3.3	2.1	-2.4	459.2	999.9	99.9	999.9	41.3	91
7 6	152.3	24999.7	25.0	-51.7	99.9	333.0	5.2	2.4	-4.6	639.4	999.9	99.9	999.9	41.3	91

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

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG 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 MM	AZ DG
0 0	4 4	177 0	1020 5	22 8	19 6	90 0	5 2	-5 2	0 0	294 2	331 0	14 2	87 0	0 0	0 0
0 5	6 7	177 0	1000 0	22 8	18 5	999 9	99 9	99 9	99 9	294 5	328 3	13 0	88 7	999 9	999 9
1 2	11 2	396 7	975 0	19 2	17 4	999 9	99 9	99 9	99 9	294 5	328 3	13 0	89 1	999 9	999 9
2 7	13 6	647 3	925 0	15 5	12 1	999 9	99 9	99 9	99 9	295 2	320 7	9 7	85 8	999 9	999 9
3 5	18 6	1060 0	900 0	15 1	10 8	999 9	99 9	99 9	99 9	297 1	321 3	9 7	80 0	999 9	999 9
4 3	21 1	1318 4	875 0	12 6	7 2	108 3	5 7	-6 8	1 8	297 9	317 8	7 3	75 2	1 8	276
5 1	23 7	1862 1	825 0	10 7	1 8	95 4	4 4	-5 4	0 2	298 7	313 1	5 2	65 6	2 0	276
6 0	26 2	2067 3	800 0	8 4	0 6	87 2	5 0	-5 0	-0 2	299 9	313 5	4 8	49 5	2 2	276
6 9	28 7	2328 7	775 0	6 0	0 7	81 7	6 4	-6 3	0 6	300 2	314 5	5 1	49 5	2 2	276
7 8	31 3	2598 9	750 0	4 3	1 1	71 4	5 9	-5 5	-1 9	300 3	315 3	5 4	49 5	2 2	276
8 5	34 0	2872 4	725 0	2 6	0 9	47 0	4 7	-5 2	-3 2	301 3	316 1	6 0	49 5	2 2	276
9 5	36 7	3155 9	700 0	1 1	0 8	24 7	5 3	-2 2	-4 8	302 3	316 1	6 0	49 5	2 2	276
10 5	39 4	3449 8	675 0	2 6	-3 8	25 2	6 5	-2 8	-5 9	303 8	315 9	4 2	49 5	2 2	276
11 5	42 2	3753 6	650 0	2 2	-18 6	45 7	3 8	-2 7	-2 7	308 6	313 4	1 5	49 5	2 2	276
12 6	45 0	4066 4	625 0	0 2	-12 0	151 8	1 4	-0 6	1 9	309 5	316 4	2 2	42 6	3 7	258
13 6	47 8	4390 1	600 0	-3 0	-13 5	219 7	2 4	1 8	1 9	312 7	316 3	1 1	22 3	3 3	257
14 7	50 6	4726 1	575 0	-4 7	-24 3	288 0	3 0	3 8	-0 6	314 5	317 5	0 9	19 8	3 3	257
15 8	53 8	5074 7	550 0	-6 7	-26 5	233 6	3 4	3 5	-0 8	318 0	321 0	0 9	23 8	3 2	255
16 9	56 8	5437 2	525 0	-8 7	-28 7	223 0	4 4	4 4	0 4	318 0	321 0	0 9	23 8	3 2	255
18 2	60 0	5813 9	500 0	-10 6	-20 5	225 6	6 7	6 1	2 8	319 9	324 7	1 6	44 4	3 2	255
20 4	63 3	6206 0	475 0	-14 3	-20 6	225 6	8 7	7 0	2 8	320 3	324 5	1 6	44 4	3 2	255
21 8	66 5	6615 1	450 0	-16 3	-35 0	237 8	8 2	7 8	4 7	322 8	325 6	0 5	58 6	1 9	222
23 2	69 9	7042 4	425 0	-19 6	-33 7	245 5	8 7	9 2	3 7	323 8	325 6	0 5	58 6	1 9	222
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	58 6	1 9	222
26 1	76 9	7980 5	375 0	-25 9	-32 8	268 2	11 9	11 7	2 0	329 2	329 6	0 4	52 1	1 4	46
27 5	80 6	8456 9	350 0	-29 3	-37 7	268 1	12 1	12 1	1 8	330 7	331 4	0 4	43 8	2 3	63
28 1	84 4	8981 7	325 0	-33 8	-44 8	224 0	14 9	14 8	1 9	331 6	332 4	0 3	50 5	3 4	71
29 7	88 4	9538 2	300 0	-38 2	-44 8	225 0	18 8	18 1	1 9	333 7	333 7	0 2	49 9	5 7	73
30 7	92 6	10131 6	275 0	-42 5	99 9	226 2	24 8	23 5	7 4	335 0	335 0	0 2	99 9	10 1	74
32 4	98 8	10788 2	250 0	-47 8	99 9	226 2	28 8	28 0	6 8	335 0	335 0	0 2	99 9	17 9	74
33 2	101 8	11453 6	225 0	-54 4	99 9	226 8	32 0	30 8	6 8	336 0	336 0	0 2	99 9	21 8	75
35 2	106 6	12196 8	200 0	-61 1	99 9	226 8	31 6	30 8	7 2	341 7	341 7	0 2	99 9	25 0	75
36 2	108 6	12904 8	175 0	-61 1	99 9	226 8	25 2	24 7	6 3	341 7	341 7	0 2	99 9	28 4	76
40 5	112 0	13014 8	150 0	-65 6	99 9	225 5	25 2	20 7	5 7	341 7	341 7	0 2	99 9	32 9	78
43 0	117 7	13952 8	125 0	-64 0	99 9	224 6	21 5	20 7	5 7	341 7	341 7	0 2	99 9	35 7	82
46 2	124 2	15066 8	100 0	-67 0	99 9	224 6	22 1	22 1	-0 4	348 4	348 4	0 2	99 9	35 7	82
48 5	132 0	16429 9	75 0	-67 0	99 9	314 0	18 5	15 4	-4 2	438 2	438 2	0 2	99 9	35 7	82
53 8	140 7	18183 0	50 0	-64 3	99 9	308 0	8 5	8 1	-1 9	503 3	503 3	0 2	99 9	35 7	82
58 8	151 0	20687 3	25 0	-59 5	99 9	233 8	2 6	2 0	-1 9	638 5	638 5	0 2	99 9	35 7	82
59 3	162 0	25114 7	25 0	-50 9	99 9	233 8	4 9	4 4	-2 9	638 5	638 5	0 2	99 9	35 7	82

\* 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 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

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V 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 0	23 3	19 7	90 0	6 7	-6 7	0 0	294 7	331 7	14 3	80 0	0 4	0
0 7	6 2	176 0	1000 0	20 6	16 6	90 3	7 3	-7 3	0 0	294 0	329 3	13 7	87 1	0 4	255
1 5	6 5	397 0	975 0	19 1	17 6	90 6	7 9	-7 9	0 9	284 0	328 5	13 1	90 9	0 6	265
2 3	10 8	821 1	950 0	17 7	14 3	96 9	6 1	-6 1	0 7	284 1	323 7	10 9	90 7	1 1	268
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	92 6	1 4	270
4 0	15 4	1082 7	900 0	15 4	9 3	78 2	6 5	-6 4	-1 3	297 4	319 6	8 2	86 9	2 0	266
4 9	18 0	1321 3	875 0	14 0	7 2	74 7	5 4	-5 0	-2 1	298 3	318 3	7 3	87 7	2 0	264
5 8	20 4	1505 5	850 0	12 4	4 3	74 7	4 9	-4 7	-1 3	299 1	316 0	6 1	87 7	2 2	264
6 8	23 0	1815 1	825 0	10 6	1 3	74 8	5 8	-5 7	-1 2	299 8	314 1	5 1	82 6	2 9	263
7 7	25 5	2070 8	800 0	6 5	0 7	65 6	7 4	-7 2	-1 9	300 2	315 4	5 0	88 2	3 4	261
8 7	28 0	2332 4	775 0	6 5	0 9	49 4	4 8	-6 2	-2 8	300 8	316 0	5 5	88 2	3 7	259
9 6	30 6	2600 0	750 0	4 3	0 9	31 0	4 5	-3 5	-3 8	301 3	316 0	5 5	78 5	3 8	257
10 6	33 2	2878 0	725 0	2 4	-1 2	33 3	5 0	-2 4	-4 2	302 1	312 7	5 2	78 7	3 9	254
11 6	35 7	3158 0	700 0	2 4	-16 2	48 8	3 1	-2 3	-2 0	305 4	312 7	2 5	78 3	4 0	254
12 6	38 4	3454 3	675 0	2 4	-11 2	33 3	3 1	-2 3	-2 0	308 3	315 4	2 0	73 8	4 3	252
13 7	41 0	3751 8	650 0	0 4	-14 2	355 0	1 4	0 1	-1 4	309 4	317 1	2 0	73 4	4 3	250
14 8	43 6	4071 0	625 0	-2 3	-12 4	276 6	2 4	3 4	-0 3	309 9	317 9	1 5	73 8	4 3	249
15 9	46 6	4395 2	600 0	-2 6	-18 2	272 3	3 4	4 2	-0 9	314 9	318 7	1 2	73 8	3 9	247
17 2	49 4	4731 7	575 0	-4 3	-21 7	282 4	4 3	3 9	-0 9	316 6	319 9	1 0	73 8	3 6	244
18 5	52 3	5080 6	550 0	-6 3	-24 0	257 6	4 0	4 2	0 9	318 2	324 7	2 1	73 8	3 2	244
20 0	55 2	5443 0	525 0	-8 5	-18 2	246 5	4 5	4 2	1 8	318 9	325 7	2 1	67 8	2 7	244
21 4	58 3	5819 4	500 0	-11 6	-16 3	237 4	7 0	5 9	3 8	320 1	325 2	0 6	59 3	2 1	249
22 8	61 4	6210 7	475 0	-14 4	-20 9	227 6	8 5	6 3	4 7	322 9	325 8	0 6	59 3	1 0	281
24 3	64 6	6619 5	450 0	-16 2	-32 2	245 0	9 6	8 7	4 2	323 7	327 7	0 6	59 3	0 6	20
25 8	67 6	7048 0	425 0	-19 6	-32 6	245 0	9 9	9 0	4 2	325 5	327 7	0 7	57 6	1 6	50
27 5	71 1	7494 3	400 0	-22 7	-31 3	240 9	10 9	9 6	5 3	328 0	330 6	0 7	57 6	2 9	55
29 3	74 5	7985 0	375 0	-25 4	-33 4	242 5	13 0	11 5	6 0	328 3	331 0	0 4	56 8	4 5	59
31 1	78 9	8482 5	350 0	-29 3	-38 2	249 4	14 3	13 4	5 0	331 4	333 0	0 2	56 8	6 4	61
32 2	81 7	8986 2	325 0	-33 6	-45 6	249 4	14 3	13 4	5 0	331 4	333 0	0 2	56 8	9 1	61
35 0	85 7	9546 5	300 0	-36 9	-45 6	240 8	21 6	19 4	9 5	333 4	334 2	0 2	56 8	12 4	61
36 9	89 7	10142 0	275 0	-42 3	-45 6	240 8	25 2	22 0	12 3	333 9	334 2	0 2	56 8	17 0	61
38 9	94 0	10777 8	250 0	-47 8	99 9	240 8	28 7	24 9	14 2	335 0	335 0	99 9	56 8	21 6	61
41 4	98 5	11484 1	225 0	-53 9	99 9	239 6	29 3	25 3	14 9	336 2	336 2	99 9	56 8	25 8	63
44 1	103 2	12207 6	200 0	-61 0	99 9	246 4	29 6	27 2	11 8	342 1	336 2	99 9	56 8	29 9	63
46 8	108 6	13025 7	175 0	-65 3	99 9	251 3	22 3	21 1	10 4	359 9	336 2	99 9	56 8	34 9	64
49 9	114 2	13986 3	150 0	-64 0	99 9	245 2	24 7	22 4	10 7	380 6	336 2	99 9	56 8	39 4	68
53 2	120 7	15086 5	125 0	-63 2	99 9	268 3	24 1	24 1	-2 9	403 0	336 2	99 9	56 8	42 5	73
57 5	126 7	16451 8	100 0	-64 6	99 9	279 7	17 0	18 8	-2 7	436 7	336 2	99 9	56 8	43 5	73
62 6	134 0	18214 3	75 0	-65 0	99 9	287 5	9 1	8 7	-1 3	502 3	336 2	99 9	56 8	43 5	73
69 9	142 3	20708 9	50 0	-65 0	99 9	289 7	3 9	7 7	-0 8	639 4	336 2	99 9	56 8	43 5	73
81 1	151 0	25126 3	25 0	-50 5	99 9	244 6	1 6	1 6	-0 8	639 4	336 2	99 9	56 8	43 5	73

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

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 232  
BOOTHVILLE, LOUISIANA  
1 MAY 2015 GMT 1982

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DC C	DEM PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	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 4	0 0	0
0 4	6 6	164 2	1000 0	21 1	16 4	86 6	9 3	-8 6	1 1	284 3	329 2	13 5	84 4	0 2	278
1 1	9 1	383 4	975 0	19 0	17 9	86 6	8 8	-8 6	-0 1	294 3	329 0	13 4	92 6	0 6	275
2 7	13 8	607 0	950 0	16 5	14 2	70 7	5 9	-5 6	-0 9	295 3	328 3	12 6	92 0	0 9	272
3 6	16 2	1088 8	900 0	15 2	11 0	62 0	5 8	-5 2	-1 9	296 2	325 4	11 1	95 9	1 3	268
4 4	18 6	1307 4	875 0	13 6	7 0	55 8	5 6	-4 6	-2 1	297 2	321 8	9 2	75 6	1 5	263
5 3	21 1	1551 3	850 0	12 4	5 6	49 1	5 9	-4 5	-3 9	299 1	317 6	7 2	63 9	1 8	260
6 2	23 6	1801 3	825 0	10 8	2 2	50 0	6 0	-4 8	-3 9	300 8	315 3	5 5	63 3	2 1	256
7 2	26 1	2057 2	800 0	9 1	1 0	33 8	6 1	-3 4	-5 1	300 8	315 8	5 4	59 3	2 4	252
8 3	28 6	2318 6	775 0	7 3	1 7	11 9	5 9	-1 2	-4 8	301 7	317 4	5 6	67 7	3 0	249
9 4	31 2	2580 0	750 0	5 1	1 8	15 3	5 1	-1 4	-5 8	302 1	318 4	5 8	78 9	3 2	238
10 5	33 8	2865 6	725 0	4 4	-0 2	38 3	2 4	0 7	-4 9	304 3	313 9	3 3	46 1	3 4	235
11 6	36 9	3150 2	700 0	2 0	-10 9	324 4	1 3	2 8	0 2	308 9	315 8	2 2	38 3	3 5	234
12 7	39 3	3444 3	675 0	2 9	-12 6	281 8	2 4	2 3	0 2	309 8	316 6	2 2	32 1	3 4	232
13 9	42 1	3748 7	650 0	6 7	-12 6	289 5	2 4	2 1	0 4	312 7	318 1	2 9	36 1	3 2	230
15 1	47 8	4562 1	600 0	-2 4	-8 8	258 7	2 3	2 2	0 4	317 7	319 1	1 0	24 7	3 0	229
17 5	53 8	4722 5	575 0	-3 7	-17 0	254 1	3 8	3 6	1 0	317 7	323 6	1 8	39 5	2 4	223
18 8	56 9	5072 6	550 0	-5 4	-17 0	244 6	6 5	5 9	2 6	317 7	323 5	1 8	41 4	1 8	216
20 2	60 0	5435 7	525 0	-8 4	-19 1	240 2	9 7	8 4	4 8	318 3	323 5	1 2	35 9	1 0	193
21 8	63 3	5812 1	500 0	-11 3	-23 4	239 4	12 0	10 4	6 1	319 3	323 0	0 9	33 1	0 8	121
23 4	68 6	6203 6	475 0	-14 4	-27 1	234 7	13 3	10 8	7 7	320 1	323 0	0 9	33 1	0 7	81
24 9	70 0	6611 5	450 0	-16 4	-30 9	243 7	14 9	13 4	6 6	322 7	328 9	1 1	33 0	1 7	75
25 9	73 0	7039 7	425 0	-18 9	-35 2	245 6	15 7	14 3	6 5	324 8	329 5	1 2	30 7	4 4	69
27 3	77 2	7488 3	400 0	-22 8	-40 5	243 0	16 4	14 7	8 5	325 4	329 5	0 3	22 0	5 9	67
28 8	81 2	7958 3	375 0	-25 7	-44 5	240 0	17 1	14 8	7 0	327 6	329 4	0 2	23 8	7 9	68
30 8	85 2	8454 6	350 0	-29 6	-47 9	245 9	17 3	15 8	5 7	328 6	329 8	0 1	24 8	9 8	68
32 6	89 2	8977 8	325 0	-34 4	-51 4	251 6	20 4	25 4	11 0	329 2	331 1	0 1	24 8	12 3	67
34 3	93 2	9522 2	300 0	-38 6	-54 8	258 6	27 6	26 4	18 5	330 6	331 1	0 1	24 8	15 8	64
36 3	97 2	10125 0	275 0	-42 7	-58 9	266 1	31 9	26 0	20 8	332 5	331 1	0 1	24 8	18 6	61
38 3	101 2	10762 4	250 0	-47 5	-62 9	273 1	31 8	23 1	19 1	335 5	331 1	0 1	24 8	22 5	60
40 7	105 2	11448 9	225 0	-53 8	-66 9	280 3	30 0	23 1	17 9	338 1	331 1	0 1	24 8	26 6	60
43 2	109 2	12194 1	200 0	-60 5	-71 9	287 8	28 3	26 6	15 8	340 8	331 1	0 1	24 8	31 2	62
45 6	113 7	13011 2	175 0	-68 1	-77 9	294 8	26 3	21 2	9 9	343 9	331 1	0 1	24 8	37 2	63
48 6	119 7	13957 2	150 0	-76 0	-84 8	298 5	22 3	22 1	6 9	346 0	331 1	0 1	24 8	42 2	63
52 4	126 3	15076 8	125 0	-85 0	-93 9	284 5	15 3	15 3	2 1	377 3	331 1	0 1	24 8	47 4	66
57 6	133 7	16442 6	100 0	-94 8	-103 9	272 8	8 7	15 3	-0 8	402 5	331 1	0 1	24 8	50 8	69
63 1	141 3	18199 8	75 0	-95 5	-109 9	276 1	4 8	3 9	-2 8	435 5	331 1	0 1	24 8	52 8	70
71 0	150 0	20891 0	50 0	-99 0	-119 9	305 6	7 8	7 5	1 8	504 5	331 1	0 1	24 8	53 5	71
83 0	158 3	25118 5	25 0	-51 7	-99 9	258 1	7 8	3 9	-2 8	636 4	331 1	0 1	24 8	53 5	71

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

ORIGINAL FACILITY  
OF POOR QUALITY

STATION NO. 232  
BOOTHVILLE, LOUISIANA

1 MAY 1982

147 25 1

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

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	4 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
0 5	6 3	159 0	1000.0	21.5	17.7	999 9	99 9	99 9	99 9	294 6	328 4	13 0	74 3	999 9	999 9
1 2	8 9	376 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 9
2 0	10 3	602 1	950.0	16.4	13.6	999 9	99 9	99 9	99 9	295 1	323 2	10 4	74 6	1 0	276 0
2 8	12 3	830 4	925.0	16.4	11.3	74 3	6 0	-5 8	1 5	296 9	320 4	9 1	71 7	1 0	269 0
3 7	15 6	1063 5	800.0	15.0	9 3	74 7	5 8	-5 6	1 5	296 9	319 0	8 2	69 1	1 3	266 0
4 7	18 0	1301 8	675.0	13.3	6 3	69 1	5 4	-5 0	1 4	297 7	318 9	7 9	71 4	1 6	263 0
5 6	20 4	1545 5	650.0	11.9	5 8	62 3	5 4	-4 8	1 4	298 6	317 3	6 8	66 4	1 9	261 0
6 6	22 8	1784 8	625.0	10.2	5 0	51 8	5 1	-4 0	1 3	299 4	315 0	5 4	63 5	2 2	258 0
7 6	25 4	2050 2	600.0	8 2	4 1	45 1	4 4	-3 2	1 2	300 9	315 0	5 4	63 5	2 2	253 0
8 6	27 9	2311 7	775.0	6 1	3 5	38 6	4 4	-2 2	1 1	300 9	316 1	5 7	74 0	2 6	247 0
9 5	30 4	2579 8	750.0	4 0	3 0	30 9	4 5	-2 3	1 0	302 1	316 8	5 7	64 0	2 9	242 0
10 5	33 0	2855 0	725.0	2 4	2 5	26 5	5 7	-1 6	1 0	302 1	314 8	4 6	71 2	3 2	237 0
11 6	35 6	3139 4	700.0	3 8	-15 5	350 9	4 7	0 7	1 0	306 7	311 7	4 6	23 0	3 4	232 0
12 6	38 2	3434 1	675.0	2 1	-8 1	334 3	5 0	2 2	1 0	308 0	317 2	3 1	46 6	3 5	227 0
14 1	40 9	3737 9	650.0	0 2	-7 3	347 0	3 9	0 9	1 0	309 2	319 3	3 4	56 9	3 7	222 0
15 2	43 6	4051 5	600.0	-1 3	-12 8	296 7	2 0	-0 9	1 0	311 0	318 0	2 3	41 2	3 8	220 0
16 5	46 4	4376 8	600.0	-1 8	-21 0	219 4	3 4	2 1	1 0	314 0	317 8	1 2	21 4	3 6	219 0
17 8	49 1	4713 8	575.0	-3 9	-23 3	222 3	4 7	3 1	1 0	315 4	318 8	1 0	20 8	3 3	218 0
18 1	52 0	5063 0	550.0	-6 5	-15 8	220 9	6 6	5 1	1 0	316 4	322 8	2 0	47 4	2 9	214 0
20 4	55 0	5424 6	525.0	-9 7	-18 1	229 3	9 6	8 2	1 0	317 7	322 2	1 4	50 1	2 3	214 0
21 6	58 0	5798 4	500.0	-12 6	-21 5	238 6	12 7	10 9	1 0	319 3	322 3	1 4	47 1	1 5	192 0
23 2	61 0	6189 4	475.0	-15 1	-24 8	258 8	12 7	10 9	1 0	320 6	325 5	1 1	88 8	1 7	114 0
24 6	64 1	6596 1	450.0	-18 0	-28 2	279 1	13 1	12 9	1 0	321 7	325 4	1 1	67 0	2 8	101 0
26 1	67 4	7020 8	425.0	-21 3	-31 9	282 2	13 2	13 1	1 0	321 7	325 4	1 1	37 2	4 0	95 0
27 7	70 8	7466 8	400.0	-23 2	-37 7	288 7	11 6	11 5	1 0	324 8	326 5	0 4	37 2	5 2	94 0
29 5	74 3	7935 3	375.0	-27 6	-41 6	285 4	13 1	13 0	0 3	325 2	326 5	0 3	38 5	6 5	92 0
31 3	77 9	8427 0	350.0	-32 3	-45 2	257 4	18 9	18 5	1 1	325 2	326 3	0 2	41 0	8 1	90 0
33 2	81 4	8945 4	325.0	-38 8	-49 9	248 0	26 0	20 8	1 1	326 0	326 7	0 2	41 0	10 2	86 0
35 1	85 3	9495 4	300.0	-44 5	-55 9	244 2	26 0	20 8	1 1	329 1	329 9	99 9	999 9	13 2	81 0
37 2	89 3	10084 2	275.0	-49 6	-61 8	239 6	25 7	22 2	1 1	330 8	329 9	99 9	999 9	16 6	77 0
39 5	93 6	10715 7	250.0	-54 0	-69 9	236 8	23 4	23 0	1 1	332 3	329 9	99 9	999 9	20 0	74 0
41 8	98 0	11397 2	225.0	-59 9	-77 2	231 1	22 2	21 1	1 1	334 8	329 9	99 9	999 9	24 2	71 0
44 6	102 8	12141 4	200.0	-63 5	-83 5	228 4	27 1	23 1	1 1	337 9	329 9	99 9	999 9	28 8	69 0
47 4	108 0	12968 6	175.0	-67 2	-89 9	223 5	26 7	26 9	1 1	345 2	329 9	99 9	999 9	34 1	71 0
50 7	113 5	13818 6	150.0	-61 8	-98 0	223 5	23 2	23 0	1 1	363 6	329 9	99 9	999 9	38 8	72 0
54 5	118 5	15047 2	125.0	-63 2	-108 0	224 0	21 1	21 0	1 1	380 6	329 9	99 9	999 9	44 0	77 0
58 2	126 2	16412 0	100.0	-64 5	-117 3	217 2	18 8	16 7	1 1	403 1	329 9	99 9	999 9	48 2	77 0
65 0	133 3	18186 3	75.0	-65 6	-127 3	186 8	10 6	10 7	1 1	434 9	329 9	99 9	999 9	50 4	77 0
72 8	141 3	20855 0	50.0	-61 4	-158 7	358 7	6 8	6 8	1 1	488 8	329 9	99 9	999 9	50 4	79 0
85 3	150 0	25071 8	25.0	-50 4	-99 9	999 9	99 9	99 9	99 9	639 8	329 9	99 9	999 9	999 9	999 9

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

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 232  
BOOTHVILLE, LOUISIANA  
2 MAY 1962  
234 GMT

TIME MIN	CMTCY	HEIGHT GPM	PRES MB	TEMP DEG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MK RTO GM/KG	RH PCT	RANGE KM	AZ DG
00	4	1016	1016	20.9	19.4	100.0	3.2	-3.2	0.6	292.6	328.7	14.1	91.0	0.0	0
06	6	1000	1000	20.5	19.1	102.1	2.4	-2.4	0.5	293.6	329.9	14.1	91.9	0.3	264
14	8	975	975	19.1	14.6	68.6	4.6	-4.6	-0.1	284.4	323.0	11.0	78.2	0.4	289
20	11	825	825	17.7	12.7	76.2	5.0	-4.9	-1.2	285.1	320.9	9.8	72.6	0.7	266
26	13	826	826	16.1	10.9	74.6	4.6	-4.4	-0.9	286.6	319.5	8.9	71.5	0.9	262
32	15	1059	900	14.6	8.7	66.6	4.3	-4.0	-1.7	286.6	317.8	7.3	68.5	1.1	261
38	16	1297	875	12.8	7.2	57.5	4.7	-3.9	-2.5	297.4	316.9	6.6	69.0	1.3	260
44	20	1788	825	9.0	5.3	49.3	5.0	-4.2	-2.7	299.2	315.4	5.9	67.1	1.8	254
50	23	2043	800	7.6	3.3	36.1	6.3	-4.8	-4.1	300.7	313.3	5.0	61.7	2.1	252
56	25	2304	775	6.4	1.7	30.3	7.4	-4.3	-5.9	302.2	315.0	5.1	65.6	2.5	247
02	28	2573	750	5.1	0.3	27.9	6.9	-3.5	-5.2	303.5	318.3	5.8	78.3	2.8	242
08	30	2849	725	3.7	-1.2	23.5	5.9	-2.8	-4.6	304.5	317.3	4.9	70.3	3.1	238
14	33	3134	700	1.9	-3.4	20.2	5.1	-2.0	-5.2	307.5	316.8	4.3	68.1	3.4	235
20	35	3427	675	0.6	-11.3	125.8	3.0	-1.5	-2.6	307.9	313.5	2.5	45.0	3.6	233
26	38	3730	650	-0.9	-11.3	125.8	0.6	-0.6	-0.2	309.7	315.4	2.8	55.4	3.7	233
32	43	4042	625	-2.4	-10.1	287.9	1.6	0.5	0.2	309.7	318.2	2.7	62.8	3.7	232
38	48	4385	600	-6.1	-11.4	305.9	4.1	1.3	-0.1	310.2	318.4	2.6	62.8	3.6	229
44	49	5048	575	-8.2	-10.0	271.8	7.8	7.7	0.4	312.9	321.4	3.3	80.6	3.3	225
50	52	5406	550	-10.6	-11.6	272.0	9.8	9.8	-0.4	314.6	324.3	3.0	86.6	3.8	215
56	55	5780	525	-13.1	-15.4	259.0	9.6	9.6	1.9	317.1	324.3	2.3	82.6	4.0	200
02	58	6168	500	-15.8	-20.8	251.7	10.0	9.5	3.1	318.4	323.4	1.5	85.6	4.2	182
08	64	6575	475	-18.3	-26.8	252.8	11.9	11.3	3.6	320.6	322.9	0.9	82.7	4.3	159
14	67	6999	450	-22.0	-37.3	239.2	13.1	11.2	3.0	323.5	323.7	0.8	62.7	4.6	114
20	71	7442	425	-25.0	-43.2	233.5	14.0	11.2	6.3	323.1	323.8	0.4	29.0	4.8	97
26	74	7898	400	-28.1	-48.1	236.2	13.8	11.7	7.8	323.5	325.1	0.6	61.0	5.0	85
32	78	8337	375	-33.6	-53.6	244.0	12.4	12.4	6.1	324.3	325.2	0.2	55.3	6.2	79
38	82	8812	350	-42.0	-60.8	254.9	11.6	11.6	5.1	326.2	325.2	0.9	99.9	6.7	77
44	86	9458	325	-48.3	-68.8	258.3	14.9	14.0	3.2	328.2	328.9	0.9	99.9	7.9	77
50	90	10042	275	-50.6	-89.8	252.2	23.7	22.5	7.2	330.2	328.9	0.9	99.9	8.9	74
56	94	10689	250	-53.0	-99.9	248.1	31.6	28.9	12.8	337.2	328.9	0.9	99.9	11.2	76
02	99	11382	225	-58.1	-99.9	248.5	30.1	26.7	11.9	340.8	328.9	0.9	99.9	15.7	72
08	104	12104	200	-58.1	-99.9	262.8	28.9	24.7	3.6	349.6	328.9	0.9	99.9	19.7	72
14	109	12937	175	-60.8	-99.9	273.6	24.7	19.7	-1.0	384.7	328.9	0.9	99.9	24.7	75
20	115	13895	150	-61.1	-99.9	278.8	19.7	16.2	-2.5	401.8	328.9	0.9	99.9	34.9	80
26	121	15027	125	-65.2	-99.9	287.3	11.0	10.5	-3.3	432.6	328.9	0.9	99.9	38.9	80
32	128	16396	100	-66.8	-99.9	313.9	11.0	10.5	-3.4	501.0	328.9	0.9	99.9	43.4	82
38	138	18148	75	-68.5	-99.9	313.9	5.9	5.9	-0.2	632.2	328.9	0.9	99.9	44.4	84
44	148	20635	50	-68.5	-99.9	313.9	5.9	5.9	-0.2	632.2	328.9	0.9	99.9	44.4	84
50	158	25030	25	-53.0	-99.9	272.3	5.9	5.9	-0.2	632.2	328.9	0.9	99.9	44.4	84

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 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

49

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 232  
BOOTHVILLE, LOUISIANA  
2 MAY 1962  
520 GMT

TIME MIN	GMTCT	HEIGHT GPN	PRES MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00	00	1018.3	1018.3	20.7	18.0	80.0	3.1	-3.1	-0.5	292.3	327.5	13.7	90.0	0.0	0
00	05	1000.0	1000.0	20.5	18.7	88.0	3.0	3.0	99.0	293.6	329.0	13.7	89.4	999.9	999
00	10	975.0	975.0	19.2	17.8	99.0	2.8	2.8	99.0	294.5	332.0	11.0	75.0	999.9	999
00	15	950.0	950.0	17.0	16.0	99.0	2.8	2.8	99.0	295.3	330.2	8.7	71.0	999.9	999
00	20	925.0	925.0	16.3	15.6	67.5	5.5	-5.4	-2.2	298.0	329.2	8.7	68.0	0.251	0
00	25	900.0	900.0	14.9	14.0	76.3	5.5	-5.4	-1.3	298.6	327.4	7.7	65.0	1.3231	0
00	30	875.0	875.0	13.2	13.0	80.4	5.5	-5.5	-0.9	297.5	326.7	7.0	64.0	1.5253	0
00	35	850.0	850.0	11.6	11.9	73.9	5.6	-5.6	-1.7	298.3	324.8	6.1	58.5	1.9224	0
00	40	825.0	825.0	9.8	11.0	72.7	5.6	-5.4	-1.7	298.9	315.8	5.4	66.5	2.2253	0
00	45	800.0	800.0	8.1	10.4	61.8	5.4	-5.4	-2.6	300.8	315.2	5.2	65.9	2.5253	0
00	50	775.0	775.0	6.5	9.4	51.7	6.7	-3.3	-4.3	300.8	319.5	4.8	65.4	2.8248	0
00	55	750.0	750.0	5.0	7.0	29.7	6.7	-0.0	-5.8	303.7	317.4	4.8	69.4	3.2248	0
00	00	725.0	725.0	3.8	5.3	0.4	6.6	1.4	-6.8	305.8	320.7	5.2	77.0	3.4243	0
00	05	700.0	700.0	2.9	4.4	348.4	4.1	2.2	-3.5	307.2	318.9	3.3	57.5	3.5237	0
00	10	675.0	675.0	1.4	3.0	327.4	4.4	2.0	-1.6	308.3	320.2	3.3	58.4	3.6229	0
00	15	650.0	650.0	0.6	2.0	298.8	4.4	4.9	-0.0	310.1	322.2	3.9	62.9	3.4226	0
00	20	625.0	625.0	-0.4	1.4	270.3	4.9	4.9	-1.0	311.8	322.2	3.5	68.0	3.0211	0
00	25	600.0	600.0	-1.2	0.8	248.7	7.3	6.9	-2.4	313.4	321.4	2.6	74.7	2.9200	0
00	30	575.0	575.0	-2.0	0.0	238.5	7.7	6.9	-1.5	314.9	321.4	2.1	68.1	2.9188	0
00	35	550.0	550.0	-2.7	-0.2	233.3	8.2	7.0	-1.9	316.8	322.5	1.8	65.2	3.1178	0
00	40	525.0	525.0	-3.3	-0.5	232.1	8.4	8.1	-2.3	318.5	322.2	1.8	63.0	3.3164	0
00	45	500.0	500.0	-3.7	-0.8	232.1	8.6	8.4	-2.5	318.5	323.0	1.8	63.0	3.5154	0
00	50	475.0	475.0	-4.0	-1.0	282.5	9.8	9.8	-2.2	318.5	323.0	1.8	63.0	3.7143	0
00	55	450.0	450.0	-4.2	-1.1	259.5	9.8	9.8	-1.6	319.9	321.8	1.8	63.0	3.9131	0
00	00	425.0	425.0	-4.3	-1.1	272.5	7.1	7.1	-0.3	320.5	321.3	1.8	63.0	4.1126	0
00	05	400.0	400.0	-4.3	-1.1	273.3	6.6	6.6	-0.4	321.5	322.0	1.8	63.0	4.3119	0
00	10	375.0	375.0	-4.4	-1.1	257.5	7.6	7.4	-0.4	322.6	323.0	1.8	63.0	4.5112	0
00	15	350.0	350.0	-4.4	-1.1	258.8	11.4	11.2	-1.0	324.1	324.7	1.8	63.0	4.7107	0
00	20	325.0	325.0	-4.3	-1.1	265.7	13.3	13.3	-1.0	324.1	324.7	1.8	63.0	4.9101	0
00	25	300.0	300.0	-4.3	-1.1	262.5	18.0	18.0	-1.0	325.9	325.9	1.8	63.0	5.1101	0
00	30	275.0	275.0	-4.7	-1.1	262.5	25.9	25.9	-1.0	331.7	325.9	1.8	63.0	5.3101	0
00	35	250.0	250.0	-5.0	-1.1	272.9	31.7	31.7	-1.0	335.3	325.9	1.8	63.0	5.5101	0
00	40	225.0	225.0	-5.4	-1.1	274.9	30.4	30.4	-1.0	330.6	325.9	1.8	63.0	5.7101	0
00	45	200.0	200.0	-5.8	-1.1	278.1	25.0	25.0	-1.0	332.0	325.9	1.8	63.0	5.9101	0
00	50	175.0	175.0	-6.1	-1.1	278.6	23.8	23.4	-1.0	334.9	325.9	1.8	63.0	6.1101	0
00	55	150.0	150.0	-6.3	-1.1	275.0	22.5	22.4	-1.0	334.9	325.9	1.8	63.0	6.3101	0
00	00	125.0	125.0	-6.3	-1.1	275.0	17.4	17.2	-1.0	334.9	325.9	1.8	63.0	6.5101	0
00	05	100.0	100.0	-6.4	-1.1	275.0	13.2	12.8	-1.0	334.9	325.9	1.8	63.0	6.7101	0
00	10	75.0	75.0	-6.7	-1.1	285.4	12.2	12.2	-1.0	334.9	325.9	1.8	63.0	6.9101	0
00	15	50.0	50.0	-6.7	-1.1	144.0	9.9	9.9	-1.0	334.9	325.9	1.8	63.0	7.1101	0
00	20	25.0	25.0	-6.9	-1.1	99.0	9.9	9.9	-1.0	334.9	325.9	1.8	63.0	7.3101	0

\* 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 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PART  
OF POOR QUALITY

STATION NO. 232  
BOOTHVILLE, LOUISIANA  
2 MAY 1100 GMT 1982

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 5	5 0	1 0	1018 5	18 0	17 7	110 0	3 1	-2 9	1 1	290 5	327 9	12 6	92 0	0 0	0 0
0 5	7 5	156 6	1000 6	18 7	16 4	098 9	89 9	99 9	99 9	252 9	327 6	13 5	92 1	999 9	999 9
1 3	9 0	377 9	975 0	18 5	14 3	098 9	89 9	99 9	99 9	252 9	327 6	13 5	76 4	999 9	999 9
2 1	12 3	600 7	950 0	17 4	11 3	78 7	5 0	-4 9	-1 0	284 8	318 4	8 9	07 5	0 9	256
3 0	14 7	828 3	925 0	16 0	8 3	62 3	4 7	-4 7	-0 6	235 7	317 0	8 0	07 5	0 9	256
3 7	17 1	1080 9	900 0	14 7	6 0	61 0	4 2	-4 1	-0 7	286 5	317 0	7 5	02 1	1 4	258
4 6	19 7	1296 8	875 0	13 2	6 2	77 0	3 6	-3 5	-0 8	297 5	316 1	6 6	02 1	1 4	258
5 5	22 2	1542 2	850 0	11 8	4 3	60 0	3 2	-3 1	-0 5	298 3	315 1	6 2	00 3	1 5	257
6 4	24 8	1791 5	825 0	10 1	2 8	73 3	3 0	-3 5	-1 0	299 3	315 1	5 7	00 3	1 5	257
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	00 2	1 9	255
8 2	29 9	2300 9	775 0	6 9	1 7	48 2	5 3	-4 4	-2 8	301 3	314 8	4 4	00 2	2 4	252
9 1	32 4	2557 4	750 0	5 4	-2 0	34 5	6 3	-4 8	-4 1	302 5	315 0	4 4	00 2	2 4	246
10 0	35 1	2814 9	725 0	3 7	1 5	21 5	6 5	-5 2	-5 7	303 5	319 6	4 4	00 2	2 4	246
11 0	37 7	3070 5	700 0	2 1	1 1	9 8	6 5	-6 0	-6 4	304 2	321 0	4 4	00 2	2 4	246
12 0	40 3	3326 8	675 0	0 6	-1 3	3 8	6 5	-6 4	-7 0	304 2	319 5	4 3	00 2	3 1	243
13 0	42 9	3583 1	650 0	-1 8	-4 2	327 3	6 5	-7 0	-7 6	307 0	318 5	4 2	00 2	3 5	235
14 0	45 5	3839 4	625 0	-3 6	-8 5	327 3	6 5	-7 5	-8 1	308 2	320 7	4 2	00 2	3 5	235
15 0	48 1	4095 7	600 0	-5 4	-13 0	302 7	6 7	-8 1	-8 7	311 0	322 7	4 2	00 2	3 5	235
16 0	50 7	4351 0	575 0	-7 2	-16 1	282 2	6 9	-8 5	-9 1	312 2	322 4	4 2	00 2	3 5	235
17 0	53 3	4607 3	550 0	-9 0	-18 5	262 3	7 1	-9 1	-9 7	314 7	322 3	4 1	00 2	3 5	235
18 0	55 9	4863 6	525 0	-10 8	-20 8	242 4	7 3	-9 5	-10 1	316 1	322 3	4 0	00 2	3 5	235
19 0	58 5	5119 9	500 0	-12 6	-22 8	222 5	7 5	-10 0	-10 6	320 2	322 3	4 0	00 2	3 5	235
20 0	61 1	5376 2	475 0	-14 4	-24 4	202 6	7 7	-10 3	-10 9	321 5	323 5	4 0	00 2	3 5	235
21 0	63 7	5632 5	450 0	-16 2	-26 4	182 7	7 9	-10 6	-11 2	322 8	323 7	4 0	00 2	3 5	235
22 0	66 3	5888 8	425 0	-18 0	-28 0	162 8	8 1	-10 9	-11 5	322 8	324 0	4 0	00 2	3 5	235
23 0	68 9	6145 1	400 0	-19 8	-29 6	142 9	8 3	-11 1	-11 8	322 9	324 3	4 0	00 2	3 5	235
24 0	71 5	6401 4	375 0	-21 6	-31 2	123 0	8 5	-11 4	-12 1	323 0	325 8	4 0	00 2	3 5	235
25 0	74 1	6657 7	350 0	-23 4	-32 8	103 1	8 7	-11 7	-12 4	323 5	326 6	4 0	00 2	3 5	235
26 0	76 7	6914 0	325 0	-25 2	-34 4	83 2	8 9	-12 0	-12 7	323 7	326 6	4 0	00 2	3 5	235
27 0	79 3	7170 3	300 0	-27 0	-36 0	63 3	9 1	-12 3	-13 0	324 0	326 6	4 0	00 2	3 5	235
28 0	81 9	7426 6	275 0	-28 8	-37 6	43 4	9 3	-12 6	-13 3	324 3	326 6	4 0	00 2	3 5	235
29 0	84 5	7682 9	250 0	-30 6	-39 2	23 5	9 5	-12 9	-13 6	325 0	326 6	4 0	00 2	3 5	235
30 0	87 1	7939 2	225 0	-32 4	-40 8	3 6	9 7	-13 2	-13 9	325 8	326 6	4 0	00 2	3 5	235
31 0	89 7	8195 5	200 0	-34 2	-42 4	13 7	9 9	-13 5	-14 2	326 6	326 6	4 0	00 2	3 5	235
32 0	92 3	8451 8	175 0	-36 0	-44 0	13 7	10 1	-13 8	-14 5	327 0	326 6	4 0	00 2	3 5	235
33 0	94 9	8708 1	150 0	-37 8	-45 6	13 7	10 3	-14 1	-14 8	327 6	326 6	4 0	00 2	3 5	235
34 0	97 5	8964 4	125 0	-39 6	-47 2	13 7	10 5	-14 4	-15 1	328 0	326 6	4 0	00 2	3 5	235
35 0	100 1	9220 7	100 0	-41 4	-48 8	13 7	10 7	-14 7	-15 4	328 6	326 6	4 0	00 2	3 5	235
36 0	102 7	9477 0	75 0	-43 2	-50 4	13 7	10 9	-15 0	-16 0	329 0	326 6	4 0	00 2	3 5	235
37 0	105 3	9733 3	50 0	-45 0	-52 0	13 7	11 1	-15 3	-16 3	331 2	326 6	4 0	00 2	3 5	235
38 0	107 9	9989 6	25 0	-46 8	-53 6	13 7	11 3	-15 6	-16 6	331 2	326 6	4 0	00 2	3 5	235
39 0	110 5	10245 9	0 0	-48 6	-55 2	13 7	11 5	-15 9	-16 9	331 2	326 6	4 0	00 2	3 5	235
40 0	113 1	10502 2	0 0	-50 4	-56 8	13 7	11 7	-16 2	-17 2	331 2	326 6	4 0	00 2	3 5	235
41 0	115 7	10758 5	0 0	-52 2	-58 4	13 7	11 9	-16 5	-17 5	331 2	326 6	4 0	00 2	3 5	235
42 0	118 3	11014 8	0 0	-54 0	-60 0	13 7	12 1	-16 8	-17 8	331 2	326 6	4 0	00 2	3 5	235
43 0	120 9	11271 1	0 0	-55 8	-61 6	13 7	12 3	-17 1	-18 1	331 2	326 6	4 0	00 2	3 5	235
44 0	123 5	11527 4	0 0	-57 6	-63 2	13 7	12 5	-17 4	-18 4	331 2	326 6	4 0	00 2	3 5	235
45 0	126 1	11783 7	0 0	-59 4	-64 8	13 7	12 7	-17 7	-18 7	331 2	326 6	4 0	00 2	3 5	235
46 0	128 7	12039 0	0 0	-61 2	-66 4	13 7	12 9	-18 0	-19 0	331 2	326 6	4 0	00 2	3 5	235
47 0	131 3	12295 3	0 0	-63 0	-68 0	13 7	13 1	-18 3	-19 3	331 2	326 6	4 0	00 2	3 5	235
48 0	133 9	12551 6	0 0	-64 8	-69 6	13 7	13 3	-18 6	-19 6	331 2	326 6	4 0	00 2	3 5	235
49 0	136 5	12807 9	0 0	-66 6	-71 2	13 7	13 5	-18 9	-19 9	331 2	326 6	4 0	00 2	3 5	235
50 0	139 1	13064 2	0 0	-68 4	-72 8	13 7	13 7	-19 2	-20 2	331 2	326 6	4 0	00 2	3 5	235
51 0	141 7	13320 5	0 0	-70 2	-74 4	13 7	13 9	-19 5	-20 5	331 2	326 6	4 0	00 2	3 5	235
52 0	144 3	13576 8	0 0	-72 0	-76 0	13 7	14 1	-19 8	-20 8	331 2	326 6	4 0	00 2	3 5	235
53 0	146 9	13833 1	0 0	-73 8	-77 6	13 7	14 3	-20 1	-21 1	331 2	326 6	4 0	00 2	3 5	235
54 0	149 5	14089 4	0 0	-75 6	-79 2	13 7	14 5	-20 4	-21 4	331 2	326 6	4 0	00 2	3 5	235
55 0	152 1	14345 7	0 0	-77 4	-80 8	13 7	14 7	-20 7	-21 7	331 2	326 6	4 0	00 2	3 5	235
56 0	154 7	14602 0	0 0	-79 2	-82 4	13 7	14 9	-21 0	-22 0	331 2	326 6	4 0	00 2	3 5	235
57 0	157 3	14858 3	0 0	-81 0	-84 0	13 7	15 1	-21 3	-22 3	331 2	326 6	4 0	00 2	3 5	235
58 0	159 9	15114 6	0 0	-82 8	-85 6	13 7	15 3	-21 6	-22 6	331 2	326 6	4 0	00 2	3 5	235
59 0	162 5	15370 9	0 0	-84 6	-87 2	13 7	15 5	-21 9	-22 9	331 2	326 6	4 0	00 2	3 5	235
60 0	165 1	15627 2	0 0	-86 4	-88 8	13 7	15 7	-22 2	-23 2	331 2	326 6	4 0	00 2	3 5	235
61 0	167 7	15883 5	0 0	-88 2	-90 4	13 7	15 9	-22 5	-23 5	331 2	326 6	4 0	00 2	3 5	235
62 0	170 3	16139 8	0 0	-90 0	-92 0	13 7	16 1	-22 8	-23 8	331 2	326 6	4 0	00 2	3 5	235
63 0	172 9	16396 1	0 0	-91 8	-93 6	13 7	16 3	-23 1	-24 1	331 2	326 6	4 0	00 2	3 5	235
64 0	175 5	16652 4	0 0	-93 6	-95 2	13 7	16 5	-23 4	-24 4	331 2	326 6	4 0	00 2	3 5	235
65 0	178 1	16908 7	0 0	-95 4	-96 8	13 7	16 7	-23 7	-24 7	331 2	326 6	4 0	00 2	3 5	235
66 0	180 7	17165 0	0 0	-97 2	-98 4	13 7	16 9	-24 0	-25 0	331 2	326 6	4 0	00 2	3 5	235
67 0	183 3	17421 3	0 0	-99 0	-100 0	13 7	17 1	-24 3	-25 3	331 2	326 6	4 0	00 2	3 5	235
68 0	185 9	17677 6	0 0	-100 8	-101 6	13 7	17 3	-24 6	-25 6	331 2	326 6	4 0	00 2	3 5	235
69 0	188 5	17933 9	0 0	-102 6	-103 2	13 7	17 5	-24 9	-25 9	331 2	326 6	4 0	00 2	3 5	235
70 0	191 1	18190 2	0 0	-104 4	-104 8	13 7	17 7	-25 2	-26 2	331 2	326 6	4 0	00 2	3 5	235
71 0	193 7	18446 5	0 0	-106 2	-106 4	13 7	17 9	-25 5	-26 5	331 2	326 6	4 0	00 2	3 5	235
72 0	196 3	18702 8	0 0	-108 0	-108 0	13 7	18 1	-25 8	-26 8	331 2	326 6	4 0	00 2	3 5	235
73 0	198 9	18959 1	0 0	-109 8	-109 6	13 7	18 3	-26 1	-27 1	331 2	326 6	4 0	00 2	3 5	235
74 0	201 5	19215 4	0 0	-111 6	-111 2	13 7	18 5	-26 4	-27 4	331 2	326 6	4 0	00 2	3 5	235
75 0	204 1	19471 7	0 0	-113 4	-112 8	13 7	18 7	-26 7	-27 7	331 2	326 6	4 0	00 2	3 5	235
76 0	206 7	19728 0	0 0	-115 2	-114 4	13 7	18 9	-27 0	-28 0	331 2	326 6	4 0	00 2	3 5	235
77 0	209 3	19984 3	0 0	-117 0	-116 0	13 7	19 1	-27 3	-28 3	331 2	326 6	4 0	00 2	3 5	235
78 0	211 9														

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 235  
JACKSON, MISSISSIPPI

1 MAY 1100 GMT 1962

TIME MIN	CHTCT	HEIGHT GPM	PRES INB	TEMP DG C	DEM PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG M	E POT Y DG M	MI RTO GM/RC	RH PCT	RANGE KM	AZ DG
0 4	5 3	91 0	1000 0	16 1	15 6	80 0	2 1	-2 1	-0 4	288 5	316 9	11 2	97 0	0 0	0 0
1 2	6 4	172 7	1000 0	17 0	16 2	80 0	99 9	99 9	99 9	280 1	320 0	11 7	95 1	99 9	99 9
1 9	10 7	389 7	975 0	17 5	16 2	80 0	99 9	99 9	99 9	282 8	320 0	99 9	99 9	99 9	99 9
2 5	12 1	610 3	950 0	18 3	16 3	80 0	99 9	99 9	99 9	283 7	320 0	99 9	99 9	99 9	99 9
3 3	15 5	925 0	925 0	15 0	17 4	80 0	99 9	99 9	99 9	284 7	321 7	10 2	99 9	99 9	99 9
4 0	17 7	1067 0	900 0	13 1	17 4	80 0	99 9	99 9	99 9	285 0	321 7	9 6	98 5	99 9	99 9
4 9	20 3	1204 7	875 0	11 4	11 2	80 0	99 9	99 9	99 9	285 0	319 9	8 8	98 3	99 9	99 9
5 7	23 0	1547 1	850 0	9 7	8 5	925 0	99 9	99 9	99 9	286 4	319 9	8 2	99 3	99 9	99 9
6 5	25 5	1794 0	825 0	8 1	6 3	80 0	99 9	99 9	99 9	287 2	318 3	7 5	99 1	99 9	99 9
7 3	28 1	2040 0	800 0	6 4	6 3	80 0	99 9	99 9	99 9	288 0	318 3	6 8	99 4	99 9	99 9
8 0	30 8	2287 0	775 0	4 7	9 0	80 0	99 9	99 9	99 9	289 5	318 0	5 5	99 9	99 9	99 9
8 7	32 4	2534 0	750 0	2 7	9 0	80 0	99 9	99 9	99 9	290 5	318 0	4 8	99 9	99 9	99 9
9 4	35 1	2781 0	725 0	1 0	9 0	80 0	99 9	99 9	99 9	291 5	318 0	4 1	99 9	99 9	99 9
10 1	37 7	3028 0	700 0	0 3	9 0	80 0	99 9	99 9	99 9	292 4	318 0	3 4	99 9	99 9	99 9
10 8	40 4	3275 0	675 0	0 3	9 0	80 0	99 9	99 9	99 9	293 3	318 0	2 7	99 9	99 9	99 9
11 6	43 0	3522 0	650 0	1 0	12 0	80 0	99 9	99 9	99 9	294 3	317 0	2 0	99 9	99 9	99 9
12 3	45 7	3769 0	625 0	1 0	12 0	80 0	99 9	99 9	99 9	295 0	317 0	1 3	99 9	99 9	99 9
13 1	47 3	4016 0	600 0	3 0	8 5	352 0	99 9	99 9	99 9	296 0	317 0	0 6	99 9	99 9	99 9
13 8	49 0	4263 0	575 0	5 0	8 5	352 0	99 9	99 9	99 9	297 0	317 0	0 0	99 9	99 9	99 9
14 5	51 6	4510 0	550 0	7 2	26 3	338 0	5 1	3 9	-4 6	308 0	314 1	0 4	99 9	99 9	99 9
15 2	54 3	4757 0	525 0	9 7	26 3	257 0	4 0	4 7	-0 9	311 0	314 1	0 4	99 9	99 9	99 9
16 0	57 0	5004 0	500 0	12 2	26 3	257 0	5 5	5 3	1 1	316 0	319 0	0 3	99 9	99 9	99 9
16 7	59 6	5251 0	475 0	15 4	26 3	257 0	6 1	6 1	1 2	318 1	319 0	0 2	99 9	99 9	99 9
17 4	62 3	5498 0	450 0	18 0	27 2	248 0	7 5	7 1	1 3	319 9	320 7	0 2	99 9	99 9	99 9
18 1	65 0	5745 0	425 0	21 2	27 2	248 0	8 1	7 3	2 4	321 8	325 4	1 1	95 6	99 9	99 9
18 8	67 7	5992 0	400 0	24 7	25 5	248 0	8 5	7 9	3 0	322 9	326 9	1 2	93 6	99 9	99 9
19 5	70 4	6239 0	375 0	27 0	24 2	251 0	9 7	7 2	3 4	325 0	327 0	0 6	93 1	99 9	99 9
20 2	73 1	6486 0	350 0	29 2	24 2	251 0	10 7	7 2	2 6	327 0	327 0	0 1	92 5	99 9	99 9
20 9	75 8	6733 0	325 0	31 0	24 2	251 0	11 2	6 4	2 4	329 2	328 5	0 1	91 0	99 9	99 9
21 6	78 5	6980 0	300 0	33 2	24 2	251 0	11 7	5 6	2 2	329 2	329 2	0 1	90 0	99 9	99 9
22 3	81 2	7227 0	275 0	35 4	24 2	251 0	12 2	4 8	2 2	331 3	329 2	0 1	89 0	99 9	99 9
23 0	83 9	7474 0	250 0	37 6	24 2	251 0	12 7	4 0	2 2	333 4	329 2	0 1	88 0	99 9	99 9
23 7	86 6	7721 0	225 0	39 8	24 2	251 0	13 2	3 2	2 2	335 7	329 2	0 1	87 0	99 9	99 9
24 4	89 3	7968 0	200 0	42 0	24 2	251 0	13 7	2 4	2 2	337 0	329 2	0 1	86 0	99 9	99 9
25 1	92 0	8215 0	175 0	44 2	24 2	251 0	14 2	1 6	2 2	339 2	329 2	0 1	85 0	99 9	99 9
25 8	94 7	8462 0	150 0	46 4	24 2	251 0	14 7	0 8	2 2	341 3	329 2	0 1	84 0	99 9	99 9
26 5	97 4	8709 0	125 0	48 6	24 2	251 0	15 2	0 0	2 2	343 4	329 2	0 1	83 0	99 9	99 9
27 2	100 1	8956 0	100 0	50 8	24 2	251 0	15 7	0 0	2 2	345 7	329 2	0 1	82 0	99 9	99 9
27 9	102 8	9203 0	75 0	53 0	24 2	251 0	16 2	0 0	2 2	347 0	329 2	0 1	81 0	99 9	99 9
28 6	105 5	9450 0	50 0	55 2	24 2	251 0	16 7	0 0	2 2	349 2	329 2	0 1	80 0	99 9	99 9
29 3	108 2	9697 0	25 0	57 4	24 2	251 0	17 2	0 0	2 2	351 3	329 2	0 1	79 0	99 9	99 9
30 0	110 9	9944 0	0 0	59 6	24 2	251 0	17 7	0 0	2 2	353 4	329 2	0 1	78 0	99 9	99 9
30 7	113 6	10191 0	0 0	61 8	24 2	251 0	18 2	0 0	2 2	355 7	329 2	0 1	77 0	99 9	99 9
31 4	116 3	10438 0	0 0	64 0	24 2	251 0	18 7	0 0	2 2	357 0	329 2	0 1	76 0	99 9	99 9
32 1	119 0	10685 0	0 0	66 2	24 2	251 0	19 2	0 0	2 2	359 2	329 2	0 1	75 0	99 9	99 9
32 8	121 7	10932 0	0 0	68 4	24 2	251 0	19 7	0 0	2 2	361 3	329 2	0 1	74 0	99 9	99 9
33 5	124 4	11179 0	0 0	70 6	24 2	251 0	20 2	0 0	2 2	363 4	329 2	0 1	73 0	99 9	99 9
34 2	127 1	11426 0	0 0	72 8	24 2	251 0	20 7	0 0	2 2	365 7	329 2	0 1	72 0	99 9	99 9
34 9	129 8	11673 0	0 0	75 0	24 2	251 0	21 2	0 0	2 2	367 0	329 2	0 1	71 0	99 9	99 9
35 6	132 5	11920 0	0 0	77 2	24 2	251 0	21 7	0 0	2 2	369 2	329 2	0 1	70 0	99 9	99 9
36 3	135 2	12167 0	0 0	79 4	24 2	251 0	22 2	0 0	2 2	371 3	329 2	0 1	69 0	99 9	99 9
37 0	137 9	12414 0	0 0	81 6	24 2	251 0	22 7	0 0	2 2	373 4	329 2	0 1	68 0	99 9	99 9
37 7	140 6	12661 0	0 0	83 8	24 2	251 0	23 2	0 0	2 2	375 7	329 2	0 1	67 0	99 9	99 9
38 4	143 3	12908 0	0 0	86 0	24 2	251 0	23 7	0 0	2 2	377 0	329 2	0 1	66 0	99 9	99 9
39 1	146 0	13155 0	0 0	88 2	24 2	251 0	24 2	0 0	2 2	379 2	329 2	0 1	65 0	99 9	99 9
39 8	148 7	13402 0	0 0	90 4	24 2	251 0	24 7	0 0	2 2	381 3	329 2	0 1	64 0	99 9	99 9
40 5	151 4	13649 0	0 0	92 6	24 2	251 0	25 2	0 0	2 2	383 4	329 2	0 1	63 0	99 9	99 9
41 2	154 1	13896 0	0 0	94 8	24 2	251 0	25 7	0 0	2 2	385 7	329 2	0 1	62 0	99 9	99 9
41 9	156 8	14143 0	0 0	97 0	24 2	251 0	26 2	0 0	2 2	387 0	329 2	0 1	61 0	99 9	99 9
42 6	159 5	14390 0	0 0	99 2	24 2	251 0	26 7	0 0	2 2	389 2	329 2	0 1	60 0	99 9	99 9
43 3	162 2	14637 0	0 0	101 4	24 2	251 0	27 2	0 0	2 2	391 3	329 2	0 1	59 0	99 9	99 9
44 0	164 9	14884 0	0 0	103 6	24 2	251 0	27 7	0 0	2 2	393 4	329 2	0 1	58 0	99 9	99 9
44 7	167 6	15131 0	0 0	105 8	24 2	251 0	28 2	0 0	2 2	395 7	329 2	0 1	57 0	99 9	99 9
45 4	170 3	15378 0	0 0	108 0	24 2	251 0	28 7	0 0	2 2	397 0	329 2	0 1	56 0	99 9	99 9
46 1	173 0	15625 0	0 0	110 2	24 2	251 0	29 2	0 0	2 2	399 2	329 2	0 1	55 0	99 9	99 9
46 8	175 7	15872 0	0 0	112 4	24 2	251 0	29 7	0 0	2 2	401 3	329 2	0 1	54 0	99 9	99 9
47 5	178 4	16119 0	0 0	114 6	24 2	251 0	30 2	0 0	2 2	403 4	329 2	0 1	53 0	99 9	99 9
48 2	181 1	16366 0	0 0	116 8	24 2	251 0	30 7	0 0	2 2	405 7	329 2	0 1	52 0	99 9	99 9
48 9	183 8	16613 0	0 0	119 0	24 2	251 0	31 2	0 0	2 2	407 0	329 2	0 1	51 0	99 9	99 9
49 6	186 5	16860 0	0 0	121 2	24 2	251 0	31 7	0 0	2 2	409 2	329 2	0 1	50 0	99 9	99 9
50 3	189 2	17107 0	0 0	123 4	24 2	251 0	32 2	0 0	2 2	411 3	329 2	0 1	49 0	99 9	99 9
51 0	191 9	17354 0	0 0	125 6	24 2	251 0	32 7	0 0	2 2	413 4	329 2	0 1	48 0	99 9	99 9
51 7	194 6	17601 0	0 0	127 8	24 2	251 0	33 2	0 0	2 2	415 7	329 2	0 1	47 0	99 9	99 9
52 4	197 3	17848 0	0 0	130 0	24 2	251 0	33 7	0 0	2 2	417 0	329 2	0 1	46 0	99 9	99 9
53 1	200 0	18095 0	0 0	132 2	24 2	251 0	34 2	0 0	2 2	419 2	329 2	0 1	45 0	99 9	99 9
53 8	202 7	18342 0	0 0	134 4	24 2	251 0	34 7	0 0	2 2	421 3	329 2	0 1	44 0	99 9	99 9
54 5	205 4	18589 0	0 0	136 6	24 2	251 0	35 2	0 0	2 2	423 4	329 2	0 1	43 0	99 9	99 9
55 2	208 1	18836 0	0 0	138 8	24 2	251 0	35 7	0 0	2 2	425 7	329 2	0 1	42 0	99 9	99 9
55 9	210 8	19083 0	0 0	141 0	24 2	251 0	36 2	0 0	2 2	427 0	329 2	0 1	41 0	99 9	99 9



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 235  
JACKSON, MISSISSIPPI  
1 MAY 1982  
1400 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	MK RTO GM/MG	RH PCT	RANGE KM	AZ DG
0 0	5 4	91 0	1011 1	19 4	16 8	90 0	2 6	-2 8	0 0	291 5	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	291 5	316 0	19 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	292 2	315 5	8 9	70 8	0 2	323
2 0	11 4	624 1	950 0	16 2	10 3	177 1	8 5	-0 3	6 5	293 6	315 5	8 3	68 0	0 2	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	82 1	1 1	6
5 2	21 6	1560 0	850 0	9 3	8 7	251 6	3 0	0 6	1 5	295 9	318 6	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	314 7	7 2	87 2	1 3	10
7 0	26 8	2061 2	800 0	6 5	3 2	67 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	64 2	1 2	2
9 0	32 1	2588 3	750 0	3 4	2 8	99 9	9 9	9 9	9 9	300 3	317 6	6 3	95 9	1 0	351
10 1	34 9	2863 6	725 0	2 8	1 7	99 9	9 9	9 9	9 9	302 6	319 3	6 0	91 9	9 9	999
11 0	37 6	3147 2	700 0	1 4	-0 4	99 9	9 9	9 9	9 9	304 0	319 3	5 3	88 1	9 9	999
12 2	40 4	3440 2	675 0	0 3	-2 8	99 9	9 9	9 9	9 9	306 0	319 3	4 6	79 4	9 9	999
13 2	43 2	3742 5	650 0	-1 1	-5 4	99 9	9 9	9 9	9 9	307 7	319 3	4 0	72 8	9 9	999
14 4	46 1	4054 3	625 0	-3 6	-8 8	99 9	9 9	9 9	9 9	308 4	318 0	3 7	68 5	9 9	999
15 6	49 1	4378 5	600 0	-5 4	-10 3	321 1	6 2	1 0	8 1	309 9	318 0	3 2	68 4	2 1	178
16 8	52 0	4708 9	575 0	-8 5	-9 7	347 4	3 7	0 6	3 6	310 0	318 0	3 2	68 4	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	3 2	50 9	2 5	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 9	23 2	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 8	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	6 2	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	322 3	325 5	1 5	93 8	3 3	122
26 5	74 7	7449 3	400 0	-25 2	-27 9	239 0	9 7	8 3	5 0	324 9	325 5	1 0	77 6	3 4	110
28 1	78 4	7916 0	375 0	-27 7	-44 9	252 2	10 2	9 7	3 1	327 2	327 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	328 9	328 6	0 2	30 2	5 6	96
31 7	86 0	8931 2	325 0	-34 7	-46 0	261 8	13 4	13 3	1 9	330 2	330 7	0 2	30 2	6 6	91
33 6	90 0	9485 6	300 0	-39 1	-49 8	263 8	16 1	15 4	4 5	330 8	330 7	0 1	30 9	8 8	91
35 7	94 2	10075 3	275 0	-44 5	-49 8	263 8	18 1	16 6	7 7	330 8	330 7	0 1	30 9	10 6	86
37 6	98 5	10707 4	250 0	-49 3	-49 8	247 5	20 1	18 6	8 0	332 8	330 7	9 9	30 9	13 2	83
39 8	103 2	11388 0	225 0	-55 6	-49 8	251 8	22 4	22 1	6 0	333 4	330 7	9 9	30 9	16 3	81
42 1	108 0	12128 2	200 0	-61 2	-49 8	247 5	24 1	22 4	7 2	335 9	330 7	9 9	30 9	19 2	79
44 8	113 4	12947 4	175 0	-66 2	-49 8	246 4	19 8	18 3	7 9	340 8	330 7	9 9	30 9	22 3	77
47 8	119 0	13881 9	150 0	-64 2	-49 8	258 4	17 4	20 1	4 3	359 5	330 7	9 9	30 9	25 9	76
51 6	125 5	15007 4	125 0	-63 5	-49 8	273 5	17 5	17 4	-1 1	380 0	330 7	9 9	30 9	30 3	76
56 1	132 7	16383 0	100 0	-61 6	-49 8	285 9	16 1	15 5	-4 4	408 7	330 7	9 9	30 9	34 6	80
61 6	141 0	18159 4	75 0	-61 0	-49 8	304 5	16 0	8 2	-0 7	445 0	330 7	9 9	30 9	38 4	84
68 9	150 7	20895 7	50 0	-58 0	-49 8	320 1	3 6	1 3	-2 2	507 0	330 7	9 9	30 9	43 9	87
80 6	181 0	25152 9	25 0	-48 0	-49 8	342 7	3 0	0 9	-2 8	646 5	330 7	9 9	30 9	53 9	88

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

5

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 235  
JACKSON, MISSISSIPPI

1 MAY 1962  
1700 GMT

TIME MIN	ONTGT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG 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	5 2	91 0	1011 2	23 9	17 4	90 0	2 1	-2 1	0 0	290 1	328 8	12 5	67 0	0 0	0
0 4	6 4	188 2	1000 0	21 5	14 9	99 9	99 9	99 9	99 9	294 3	322 7	10 7	66 0	999 9	999
1 1	9 0	407 0	975 0	19 0	14 3	99 9	99 9	99 9	99 9	294 3	322 2	10 6	64 5	999 9	999
2 1	11 7	630 0	950 0	16 7	14 1	99 9	99 9	99 9	99 9	294 8	320 2	9 6	62 1	999 9	999
3 0	14 4	857 2	925 0	15 1	12 1	99 9	99 9	99 9	99 9	295 0	321 2	9 6	62 1	999 9	999
3 7	17 1	1089 2	900 0	13 1	12 1	232 4	3 3	2 0	2 0	295 0	321 2	9 6	62 1	999 9	999
4 6	19 6	1326 2	875 0	11 7	10 9	238 4	2 3	1 1	1 1	296 8	319 7	8 5	54 9	999 9	999
5 5	22 6	1566 7	850 0	10 2	9 0	203 7	1 2	0 5	1 1	296 8	319 7	8 5	54 9	999 9	999
6 5	25 3	1817 1	825 0	8 7	5 1	195 5	1 5	0 4	0 4	297 8	315 6	6 2	77 4	999 9	999
7 5	28 1	2071 5	800 0	7 2	3 5	148 0	1 1	-0 6	0 9	298 8	315 6	6 2	77 4	999 9	999
8 5	30 8	2332 6	775 0	6 0	2 2	39 3	2 7	-1 7	-2 1	300 3	320 1	6 2	94 6	999 9	999
9 5	33 6	2600 8	750 0	5 3	2 2	99 9	99 9	99 9	99 9	303 1	320 6	6 2	92 3	999 9	999
10 5	36 6	2877 0	725 0	3 3	2 2	99 9	99 9	99 9	99 9	309 5	321 3	4 6	99 9	999 9	999
11 6	39 5	99 9	700 0	99 9	99 9	99 9	99 9	99 9	99 9	310 8	320 2	3 1	99 9	999 9	999
12 7	42 4	99 9	675 0	99 9	99 9	99 9	99 9	99 9	99 9	311 8	321 3	3 2	99 9	999 9	999
13 8	45 4	99 9	650 0	99 9	99 9	99 9	99 9	99 9	99 9	313 0	319 0	1 9	99 9	999 9	999
15 0	48 4	99 9	625 0	99 9	99 9	99 9	99 9	99 9	99 9	315 6	317 8	0 5	99 9	999 9	999
16 2	51 5	99 9	600 0	99 9	99 9	99 9	99 9	99 9	99 9	317 9	319 7	0 5	99 9	999 9	999
17 4	54 6	99 9	575 0	99 9	99 9	99 9	99 9	99 9	99 9	318 2	320 2	0 8	99 9	999 9	999
18 6	57 8	99 9	550 0	99 9	99 9	99 9	99 9	99 9	99 9	320 2	325 2	1 5	99 9	999 9	999
20 1	61 0	99 9	525 0	99 9	99 9	99 9	99 9	99 9	99 9	322 2	324 9	0 2	99 9	999 9	999
21 5	64 3	99 9	500 0	99 9	99 9	99 9	99 9	99 9	99 9	326 4	328 6	0 2	99 9	999 9	999
23 0	67 7	99 9	475 0	99 9	99 9	99 9	99 9	99 9	99 9	327 6	328 5	0 3	99 9	999 9	999
24 4	71 1	99 9	450 0	99 9	99 9	99 9	99 9	99 9	99 9	327 6	328 5	0 3	99 9	999 9	999
25 6	74 6	99 9	425 0	99 9	99 9	99 9	99 9	99 9	99 9	327 6	328 5	0 3	99 9	999 9	999
27 8	78 3	99 9	400 0	99 9	99 9	99 9	99 9	99 9	99 9	327 6	328 5	0 3	99 9	999 9	999
29 3	82 0	99 9	375 0	99 9	99 9	99 9	99 9	99 9	99 9	327 6	328 5	0 3	99 9	999 9	999
31 0	85 6	99 9	350 0	99 9	99 9	99 9	99 9	99 9	99 9	327 6	328 5	0 3	99 9	999 9	999
32 8	89 7	99 9	325 0	99 9	99 9	99 9	99 9	99 9	99 9	327 6	328 5	0 3	99 9	999 9	999
34 4	93 8	99 9	300 0	99 9	99 9	99 9	99 9	99 9	99 9	327 6	328 5	0 3	99 9	999 9	999
36 2	98 2	99 9	275 0	99 9	99 9	99 9	99 9	99 9	99 9	327 6	328 5	0 3	99 9	999 9	999
38 2	102 8	99 9	250 0	99 9	99 9	99 9	99 9	99 9	99 9	327 6	328 5	0 3	99 9	999 9	999
40 3	107 6	99 9	225 0	99 9	99 9	99 9	99 9	99 9	99 9	327 6	328 5	0 3	99 9	999 9	999
42 6	112 6	99 9	200 0	99 9	99 9	99 9	99 9	99 9	99 9	327 6	328 5	0 3	99 9	999 9	999
45 0	118 4	99 9	175 0	99 9	99 9	99 9	99 9	99 9	99 9	327 6	328 5	0 3	99 9	999 9	999
47 9	124 5	99 9	150 0	99 9	99 9	99 9	99 9	99 9	99 9	327 6	328 5	0 3	99 9	999 9	999
51 3	131 2	99 9	125 0	99 9	99 9	99 9	99 9	99 9	99 9	327 6	328 5	0 3	99 9	999 9	999
55 4	139 0	99 9	100 0	99 9	99 9	99 9	99 9	99 9	99 9	327 6	328 5	0 3	99 9	999 9	999
60 5	147 7	99 9	75 0	99 9	99 9	99 9	99 9	99 9	99 9	327 6	328 5	0 3	99 9	999 9	999
67 6	156 0	99 9	50 0	99 9	99 9	99 9	99 9	99 9	99 9	327 6	328 5	0 3	99 9	999 9	999
7 9	166 0	99 9	25 0	99 9	99 9	99 9	99 9	99 9	99 9	327 6	328 5	0 3	99 9	999 9	999

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

9

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 235  
JACKSON, MISSISSIPPI  
1 MAY 1962  
2000 GMT

TIME MIN	CNTGT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MK R TO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	5 5	91 0	1009 9	21 8	18 1	80 0	4 1	-0 7	294 1	324 1	11 5	70 0	0 0	0
0 3	6 3	178 8	1000 0	21 7	15 9	61 1	0 3	-0 2	294 9	324 0	11 5	69 7	0 2	264
1 1	8 5	398 0	995 0	19 2	15 5	61 5	-0 9	-0 5	294 5	324 4	11 5	79 3	0 2	261
2 0	10 7	848 9	990 0	17 4	14 9	101 6	1 0	0 2	294 8	324 5	11 4	85 8	0 3	259
3 4	13 0	848 9	995 0	15 9	13 1	148 3	0 6	0 5	295 4	322 9	10 3	83 5	0 3	264
4 2	15 4	1078 8	990 0	14 1	11 5	169 3	-0 2	1 2	295 4	321 3	9 5	84 2	0 4	269
5 0	17 7	1317 2	985 0	12 3	9 9	174 4	0 1	1 4	296 5	320 0	8 8	85 2	0 4	280
5 9	20 2	1559 8	980 0	10 4	8 6	194 8	0 5	1 7	297 0	319 3	8 3	88 9	0 4	290
6 9	22 5	1808 4	975 0	8 6	5 2	213 1	0 1	2 3	297 9	317 6	7 9	90 7	0 4	305
7 6	25 7	2052 7	970 0	7 2	5 4	219 0	0 8	1 6	298 8	317 6	7 3	97 3	0 4	334
8 5	27 8	2324 1	975 0	6 3	5 0	212 6	1 0	1 4	301 5	320 6	7 0	94 2	0 5	348
9 3	30 1	2582 7	750 0	4 6	2 7	258 0	1 8	0 4	302 8	320 8	6 5	95 9	0 5	352
10 3	32 8	2868 7	725 0	3 0	2 7	258 0	1 2	0 4	302 8	320 8	6 5	95 9	0 5	352
11 2	35 4	3153 0	700 0	1 5	1 3	339 6	1 2	0 4	304 2	321 5	6 0	98 2	0 6	37
12 2	38 2	3448 0	675 0	0 8	-2 3	332 9	1 5	-1 3	306 6	320 7	4 8	99 1	0 6	46
13 3	41 0	3748 5	650 0	-1 6	-3 2	328 2	1 4	-1 0	307 2	320 7	4 7	98 3	0 5	79
14 4	43 9	4060 2	625 0	-3 5	-3 6	338 4	1 4	-3 5	309 8	319 1	4 1	99 7	0 5	108
15 6	46 9	4382 3	600 0	-5 5	-9 6	338 9	1 6	-3 7	311 9	318 1	3 8	72 1	0 6	129
16 7	49 9	4718 0	575 0	-8 9	-11 1	330 9	2 5	-2 9	312 3	320 5	2 8	84 7	0 6	136
18 0	53 0	5061 4	550 0	-10 0	-12 0	285 7	4 5	-1 8	314 0	322 0	2 6	89 0	0 6	130
18 2	56 1	5419 0	525 0	-12 8	-14 1	278 4	5 7	-0 8	317 4	321 1	1 4	40 0	1 5	124
20 4	59 5	5792 0	500 0	-15 1	-21 5	265 2	8 4	0 7	319 9	323 9	1 2	57 9	1 5	116
21 8	62 9	6181 9	475 0	-18 6	-27 9	265 2	8 4	0 3	321 4	324 4	0 6	62 9	1 4	103
23 4	70 1	7011 8	450 0	-21 4	-30 7	271 7	11 9	0 2	323 3	326 1	0 6	55 8	1 3	99
25 1	74 0	7456 9	425 0	-24 4	-33 5	265 0	14 3	0 6	325 5	327 6	0 3	55 4	1 2	95
26 7	78 0	7942 2	400 0	-27 3	-36 5	259 3	16 7	0 7	328 6	327 6	0 3	55 4	1 1	90
28 5	82 2	8417 5	350 0	-31 3	-41 5	251 5	15 2	0 6	327 5	325 6	0 3	55 4	1 0	86
30 3	86 5	8938 5	300 0	-35 6	-48 5	243 2	10 0	0 6	327 5	325 6	0 3	55 4	0 9	82
32 1	91 0	9489 7	275 0	-40 4	-55 9	235 9	7 7	0 6	328 5	325 6	0 3	55 4	0 8	82
34 2	96 0	10077 2	250 0	-45 1	-63 9	235 9	1 0	0 6	328 5	325 6	0 3	55 4	0 7	78
36 1	101 0	10708 5	225 0	-50 4	-71 9	233 1	1 7	0 6	329 5	325 6	0 3	55 4	0 6	76
38 3	106 4	11388 8	200 0	-54 9	-79 9	233 1	1 7	0 6	331 1	325 6	0 3	55 4	0 5	74
40 6	112 5	12139 1	175 0	-61 2	-87 9	229 0	1 9	0 6	334 3	325 6	0 3	55 4	0 4	70
43 3	118 5	12949 7	150 0	-65 1	-95 9	232 5	1 9	0 6	335 8	325 6	0 3	55 4	0 3	66
46 3	125 0	13901 0	125 0	-69 9	-103 9	256 5	1 9	0 6	342 5	325 6	0 3	55 4	0 2	66
48 9	132 0	15031 0	100 0	-72 2	-109 9	280 0	1 9	0 6	346 8	325 6	0 3	55 4	0 1	68
54 3	139 7	16408 3	75 0	-81 3	-118 9	283 5	1 0	0 6	407 5	325 6	0 3	55 4	0 1	75
60 0	147 7	18185 4	50 0	-89 9	-127 9	283 5	0 3	0 6	444 4	325 6	0 3	55 4	0 1	77
66 0	156 3	20724 7	25 0	-98 5	-136 9	83 0	0 4	0 6	505 7	325 6	0 3	55 4	0 1	80
78 7	185 0	25163 0	25 0	-149 8	-199 9	83 0	0 4	0 6	641 4	325 6	0 3	55 4	0 1	80

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

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 235  
JACKSON, MISSISSIPPI  
1 MAY 2300 GMT 1982

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT 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
0.4	5.8	91.0	1009.3	21.1	19.4	220.0	3.6	3.3	2.8	293.5	330.1	14.2	90.0	0.0	0
0.4	6.0	171.1	1000.0	19.5	17.2	272.3	3.1	3.1	-0.1	292.6	324.7	12.4	86.0	0.1	54
1.2	8.9	389.2	975.0	16.1	14.8	335.2	1.4	0.8	-0.1	293.4	327.3	13.1	98.4	0.1	79
1.6	11.2	611.6	950.0	16.0	14.8	71.4	1.4	-1.3	-0.5	294.0	323.3	11.2	98.0	0.1	86
2.6	13.5	839.2	925.0	15.0	13.0	258.4	1.3	0.0	-1.3	294.6	321.5	10.2	97.7	0.0	101
3.3	15.7	1071.2	925.0	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
5.3	20.4	1550.5	850.0	8.7	9.4	110.0	3.4	-3.2	-1.2	296.3	319.7	8.8	98.3	0.2	149
6.9	22.7	1788.4	825.0	8.1	7.8	999.9	99.9	99.9	99.9	297.2	319.0	8.1	98.1	99.9	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	99.9	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	99.9	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	98.8	99.9	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	99.9	999
10.9	35.0	3139.9	700.0	1.4	1.4	999.9	99.9	99.9	99.9	304.1	320.9	6.0	98.5	99.9	999
11.9	37.5	3432.4	675.0	-0.5	-0.5	299.4	4.6	4.0	-2.2	305.1	320.8	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	-2.2	306.3	320.8	5.0	99.8	1.5	144
14.0	42.7	4044.7	625.0	-4.1	-4.5	313.6	3.8	2.8	-2.8	307.8	320.5	4.4	99.6	1.7	141
15.1	45.3	4368.2	600.0	-5.8	-6.1	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	-9.1	-9.7	326.7	4.1	1.6	-3.7	310.5	320.1	3.2	84.0	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	-9.9	-14.0	326.7	7.0	4.2	-4.7	314.6	322.3	2.5	82.1	3.0	145
19.7	56.6	5774.4	500.0	-11.5	-15.0	306.4	7.1	5.7	-4.2	316.9	323.9	2.4	89.4	3.5	140
21.0	59.5	6163.0	475.0	-16.2	-18.4	283.3	7.2	7.1	-1.7	317.9	325.4	1.9	83.3	4.4	135
22.2	62.4	6566.6	450.0	-18.4	-20.6	276.2	7.2	7.2	-0.8	320.1	325.2	1.2	77.3	4.8	131
23.5	65.6	6992.6	425.0	-21.7	-24.6	273.5	7.8	7.8	-0.5	322.7	326.1	1.0	80.6	5.4	126
24.6	68.6	7436.7	400.0	-24.9	-27.2	271.9	8.9	8.8	-0.3	324.4	326.7	0.6	63.7	6.2	122
26.3	72.4	7902.7	375.0	-28.1	-32.9	280.6	10.7	10.5	-2.0	324.4	326.7	0.4	54.3	7.3	118
28.0	76.0	8393.9	350.0	-32.2	-38.3	278.9	10.9	10.8	-1.7	325.3	327.4	0.3	52.3	8.4	116
30.0	79.9	8912.3	325.0	-36.5	-42.7	260.7	11.5	11.3	-1.7	326.4	327.4	0.3	99.9	9.6	114
31.8	82.6	9461.6	300.0	-41.2	-46.9	278.3	10.3	10.2	-1.7	327.3	327.4	0.3	99.9	10.7	112
33.9	86.5	10048.1	275.0	-46.5	-50.9	273.2	8.9	8.8	-0.6	328.8	327.9	0.3	99.9	11.6	110
36.0	90.5	10671.4	250.0	-52.0	-56.8	273.4	6.8	6.7	-0.4	330.2	328.8	0.3	99.9	12.4	109
38.3	94.7	11343.5	225.0	-57.6	-61.8	266.4	6.3	6.3	0.4	331.1	329.9	0.3	99.9	13.5	105
40.8	99.2	12069.7	200.0	-60.4	-65.9	246.0	15.7	12.7	9.2	337.1	330.2	0.3	99.9	16.0	94
43.9	104.2	12909.8	175.0	-61.8	-69.9	246.4	20.4	18.7	8.2	348.0	330.9	0.3	99.9	19.8	92
47.4	109.5	13869.3	150.0	-59.9	-69.9	264.2	17.8	17.7	1.8	366.9	330.9	0.3	99.9	24.4	91
51.6	115.5	15009.7	125.0	-62.0	-69.9	275.9	19.0	18.9	-2.0	382.8	330.9	0.3	99.9	29.2	93
56.4	122.2	16383.5	100.0	-61.8	-69.9	280.2	15.6	15.4	-2.8	408.4	330.9	0.3	99.9	34.1	94
62.1	130.0	18159.0	75.0	-61.7	-69.9	283.5	11.8	11.4	-2.7	443.5	330.9	0.3	99.9	39.9	96
70.1	139.3	20681.4	50.0	-58.9	-69.9	336.4	5.9	2.1	-4.7	504.7	330.9	0.3	99.9	37.6	96
82.4	149.7	25108.5	25.0	-53.2	-69.9	207.2	2.9	1.3	-4.2	632.0	330.9	0.3	99.9	37.3	99

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

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 235  
JACKSON, MISSISSIPPI  
2 MAY 1982  
200 GMT

TIME MIN	CNTCT	HLGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/AG	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	86 0	0 0	0
0 1	6 1	174 2	1000 0	18 7	17 0	48 1	2 9	-2 1	-2 0	291 8	325 5	12 3	90 1	0 0	175
0 2	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 0	196
0 3	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 0	219
0 4	12 9	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 0	232
0 5	15 1	1074 9	900 0	13 7	9 0	138 5	0 7	-0 5	0 5	295 6	317 8	8 3	75 8	0 0	239
0 6	17 4	1312 0	875 0	11 9	8 0	259 2	0 7	0 7	0 1	296 1	316 4	8 3	82 9	0 0	244
0 7	19 6	1554 0	850 0	10 2	7 7	313 7	1 4	0 9	-1 1	296 8	319 4	8 5	91 7	0 0	233
0 8	22 0	1802 0	825 0	8 5	6 5	304 5	2 3	1 7	-1 6	297 6	320 1	8 1	94 9	0 0	212
0 9	24 4	2057 4	800 0	7 6	5 8	288 5	3 1	2 6	-1 9	298 3	318 3	7 7	93 0	0 0	188
0 10	26 8	2318 8	775 0	5 8	5 0	285 8	3 5	3 3	-1 1	299 8	318 0	7 1	96 1	0 0	161
0 11	29 2	2586 6	750 0	3 7	2 8	330 1	2 5	2 3	-1 1	300 8	318 0	6 3	94 3	0 0	147
0 12	31 6	2891 8	725 0	2 7	1 4	342 2	1 0	1 0	-2 1	302 4	318 8	5 8	90 8	0 0	144
0 13	34 1	3145 7	700 0	1 4	1 1	342 6	1 1	1 1	-3 1	304 0	319 7	5 2	87 7	0 0	147
0 14	36 6	3438 1	675 0	-0 8	-1 2	338 2	3 3	1 2	-3 4	308 4	320 8	5 0	87 2	0 0	150
0 15	39 1	3739 2	650 0	-2 2	-2 3	337 0	3 3	1 5	-3 4	307 7	320 8	4 5	89 7	0 0	153
0 16	41 6	4050 3	625 0	-4 2	-4 2	338 2	4 1	1 4	-3 4	309 2	321 4	4 1	89 5	0 0	154
0 17	44 1	4371 7	600 0	-6 0	-6 1	339 5	4 1	1 6	-3 3	310 6	321 4	3 6	89 3	0 0	154
0 18	47 1	4704 0	575 0	-8 0	-8 1	333 3	3 7	1 6	-3 3	312 9	321 9	3 2	89 0	0 0	153
0 19	49 9	5048 6	550 0	-10 0	-10 1	320 3	2 9	1 9	-2 3	313 9	321 3	2 4	83 0	0 0	151
0 20	52 7	5398 8	525 0	-12 1	-12 4	316 4	1 9	2 8	-3 0	315 1	321 6	2 0	81 3	0 0	149
0 21	55 5	5778 3	500 0	-14 7	-14 4	288 7	4 1	2 5	-2 4	318 5	322 2	1 4	79 7	0 0	141
0 22	58 4	6165 1	475 0	-17 4	-17 2	288 7	5 0	2 5	-2 4	318 8	323 6	1 0	70 1	0 0	139
0 23	61 5	6560 4	450 0	-20 2	-20 6	298 1	6 8	6 8	-5 5	319 5	323 6	0 5	63 9	0 0	138
0 24	64 5	6950 0	425 0	-22 8	-22 8	308 3	8 6	6 2	-4 8	322 3	324 2	0 4	60 9	0 0	137
0 25	67 8	7331 8	400 0	-26 0	-26 7	309 7	8 2	7 0	-4 8	323 1	324 3	0 2	57 8	0 0	134
0 26	71 0	7895 8	375 0	-29 7	-29 7	311 7	8 4	7 0	-3 2	323 9	324 7	0 2	51 2	0 0	129
0 27	74 4	8383 9	350 0	-33 9	-33 3	303 2	10 8	10 3	-2 9	324 8	324 7	0 2	49 9	0 0	126
0 28	77 9	8898 7	325 0	-38 3	-38 3	287 4	11 9	9 8	-2 5	325 5	325 9	0 2	49 9	0 0	124
0 29	81 6	9444 0	300 0	-43 0	-43 0	284 1	9 8	8 8	-1 8	325 8	325 9	0 2	49 9	0 0	123
0 30	85 4	10033 8	275 0	-48 2	-48 2	284 4	8 8	8 8	-0 7	327 0	327 0	0 2	49 9	0 0	120
0 31	89 5	10643 8	250 0	-54 0	-54 0	271 0	8 7	8 6	0 1	327 2	327 2	0 2	49 9	0 0	116
0 32	93 8	11211 8	226 0	-59 7	-59 8	265 8	8 7	8 6	-1 6	328 0	328 0	0 2	49 9	0 0	113
0 33	98 4	12039 1	202 0	-65 6	-65 6	275 8	15 4	15 3	-1 6	329 0	329 0	0 2	49 9	0 0	109
0 34	103 5	12865 7	175 0	-69 9	-69 9	275 8	18 0	18 0	-3 1	329 2	329 2	0 2	49 9	0 0	107
0 35	108 8	13825 4	150 0	-75 7	-75 7	279 8	18 3	18 0	-3 6	329 6	329 6	0 2	49 9	0 0	107
0 36	115 0	14855 1	125 0	-82 3	-82 3	282 6	17 5	17 1	-3 6	329 6	329 6	0 2	49 9	0 0	107
0 37	122 0	16324 7	100 0	-85 4	-85 4	282 6	12 2	11 7	-5 9	329 6	329 6	0 2	49 9	0 0	107
0 38	130 0	18078 1	75 0	-81 0	-81 0	287 1	5 9	5 9	-5 9	329 6	329 6	0 2	49 9	0 0	109
0 39	140 0	20569 4	50 0	-81 0	-81 0	358 2	99 9	99 9	-99 9	329 6	329 6	0 2	99 9	0 0	999
0 40	99 9	99 9	25 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9

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

STATION NO. 235  
 JACKSON, MISSISSIPPI  
 2 MAY 500 GMT 1982

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 4	5 9	171 0	1010 3	16 9	16 2	320 0	1 0	0 8	-0 9	291 2	325 0	13 2	96 0	0 0	0
1 0	9 0	178 0	1000 0	17 6	15 6	326 3	3 0	-3 8	-0 9	290 7	325 0	11 4	96 0	0 0	232
1 1	9 0	178 0	975 0	17 9	15 6	77 1	3 0	-2 9	-0 7	291 2	314 4	8 0	96 0	0 0	250
2 0	11 2	81 2	950 0	18 7	10 5	97 2	2 3	-2 3	-0 3	293 2	316 6	8 5	66 9	0 3	256
3 0	13 4	81 2	925 0	18 1	10 5	109 6	2 3	-2 2	0 6	294 7	317 8	8 7	74 2	0 4	265
3 8	15 6	107 8	900 0	13 2	9 3	116 0	1 5	-1 3	0 6	295 1	317 0	8 2	77 1	0 5	275
4 5	18 0	131 8	875 0	11 6	9 0	103 8	1 6	-1 6	0 4	295 8	317 9	8 3	84 4	0 5	272
5 2	20 3	155 5	850 0	9 7	7 9	106 6	1 9	-1 9	0 7	296 3	318 2	8 2	91 6	0 6	274
6 2	22 6	180 3	825 0	8 0	6 4	109 1	1 6	-0 3	1 6	297 0	318 9	8 1	99 4	0 7	278
7 2	25 0	205 7	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	231 8	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	258 7	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	286 2	725 0	2 8	1 1	320 3	5 4	3 7	-4 5	302 5	318 6	5 7	88 6	0 4	202
11 2	34 7	314 6	700 0	0 6	0 4	317 9	5 4	3 6	-4 0	303 2	319 1	5 7	90 8	0 7	170
12 4	37 2	343 8	675 0	-0 6	-1 2	315 7	5 0	3 5	-3 6	305 0	319 9	5 2	95 4	1 0	181
13 4	39 6	373 9	650 0	-2 0	-4 7	319 3	4 4	2 9	-3 4	306 7	319 9	4 6	89 5	1 3	155
14 5	42 3	405 4	625 0	-4 6	-7 7	314 8	4 4	3 1	-3 1	307 2	319 7	4 3	99 2	1 5	152
15 7	45 0	437 1	600 0	-8 2	-8 3	305 6	5 8	4 8	-3 4	308 9	320 6	4 0	98 5	1 8	148
16 8	47 7	470 5	575 0	-8 4	-8 6	311 7	6 1	4 5	-3 4	310 2	320 6	3 5	98 8	2 3	144
18 1	50 3	504 2	550 0	-11 0	-11 1	280 4	4 5	3 4	-2 9	312 0	320 0	3 2	98 8	2 6	143
19 4	53 1	537 6	525 0	-12 7	-13 0	288 6	4 5	3 4	-2 9	313 2	320 0	2 7	97 9	2 9	140
20 6	56 0	574 9	500 0	-15 4	-16 0	298 3	4 7	4 2	-2 2	314 3	321 4	2 2	95 2	3 5	138
22 2	59 9	610 1	475 0	-17 6	-20 2	279 5	6 4	6 3	-1 1	316 1	321 3	1 9	90 0	3 7	135
23 6	61 9	650 3	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	694 9	425 0	-22 9	-27 5	285 5	7 0	6 8	-1 9	319 7	322 8	0 9	65 9	5 4	123
26 7	68 0	742 6	400 0	-28 2	-32 0	286 8	7 7	7 3	-2 2	321 0	323 2	0 6	57 7	6 2	121
28 4	71 3	789 8	375 0	-30 0	-36 0	275 5	7 9	7 9	-0 8	321 9	323 6	0 5	55 2	7 1	117
30 3	74 6	837 9	350 0	-33 5	-42 6	274 0	10 9	10 9	-0 8	323 8	324 5	0 2	52 2	8 4	113
32 4	78 1	889 3	325 0	-38 0	-49 5	279 1	12 2	12 1	-1 2	324 3	324 7	0 1	50 9	9 8	111
34 3	81 7	943 8	300 0	-42 9	-55 9	289 3	11 6	11 6	-1 9	324 9	324 9	9 9	50 9	11 2	110
36 4	85 6	1001 8	275 0	-48 5	-63 9	289 5	10 4	9 8	-3 3	325 0	325 0	9 9	50 9	12 6	110
38 6	89 5	1063 8	250 0	-54 0	-71 9	304 7	9 8	9 2	-3 3	325 7	325 9	9 9	50 9	14 1	110
41 2	93 6	1130 9	225 0	-59 7	-79 9	296 7	12 2	10 0	-6 0	327 0	326 0	9 9	50 9	16 1	114
43 9	98 2	1203 8	200 0	-63 6	-86 9	288 0	13 8	9 5	-10 0	332 1	326 0	9 9	50 9	18 9	116
47 0	103 2	1288 9	175 0	-67 7	-91 6	288 0	16 7	16 9	-18 5	346 3	326 0	9 9	50 9	23 2	115
50 8	108 5	1381 8	150 0	-69 2	-93 9	270 8	18 9	16 0	-18 5	367 2	326 0	9 9	50 9	27 2	113
54 6	114 5	1485 3	125 0	-63 2	-88 9	281 3	18 6	16 2	-3 1	380 6	326 0	9 9	50 9	32 0	111
58 5	121 0	1631 3	100 0	-66 6	-91 9	284 9	18 6	16 3	-3 2	399 1	326 0	9 9	50 9	37 5	110
65 5	128 7	1808 8	75 0	-65 0	-89 9	294 9	11 6	10 5	-4 9	436 9	326 0	9 9	50 9	40 4	111
73 5	138 0	2057 3	50 0	-61 5	-85 9	357 1	2 9	0 1	-2 9	498 5	326 0	9 9	50 9	40 2	112
85 9	148 3	2495 6	25 0	-53 9	-79 9	222 5	2 9	1 9	-2 1	630 0	326 0	9 9	50 9	40 2	112

ORIGINAL PAGE IS  
 OF POOR QUALITY

\* BY SPEED MEANS ELEVATION 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 13  
OF POOR QUALITY

STATION NO. 235  
JACKSON, MISSISSIPPI  
2 MAY 1100 GMT 1982

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V 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	15 7	350 0	0 0	0 0	0 0	290 2	322 9	12 8	100 0	0 0	0
0 2	6 3	100 0	1000 0	17 1	15 7	350 0	0 0	0 0	0 0	290 2	319 2	11 3	91 8	0 0	0
1 0	8 3	385 5	975 0	17 6	9 4	350 0	0 0	0 0	0 0	292 9	313 1	7 6	58 5	999 9	999
1 7	10 3	607 4	950 0	16 3	9 0	350 0	0 0	0 0	0 0	293 8	314 0	7 6	61 7	999 9	999
2 5	12 3	833 6	925 0	14 8	8 2	350 0	0 0	0 0	0 0	294 4	314 2	7 4	64 0	999 9	999
3 3	14 4	1003 3	900 0	13 1	8 8	350 0	0 0	0 0	0 0	295 0	316 2	8 0	75 6	999 9	999
4 1	16 5	1301 9	875 0	11 2	10 0	350 0	0 0	0 0	0 0	295 4	319 0	8 0	92 4	999 9	999
5 0	18 6	1543 9	850 0	9 5	9 0	350 0	0 0	0 0	0 0	297 1	318 8	8 5	96 6	999 9	999
5 8	20 8	1791 6	825 0	8 0	7 5	350 0	0 0	0 0	0 0	297 7	317 1	7 9	96 2	999 9	999
6 7	23 0	2045 1	800 0	6 1	5 6	350 0	0 0	0 0	0 0	299 0	317 6	6 8	98 9	999 9	999
7 8	25 4	2305 6	775 0	4 9	4 4	350 0	0 0	0 0	0 0	300 7	317 3	6 3	97 4	999 9	999
8 7	27 6	2572 8	750 0	3 1	2 8	350 0	0 0	0 0	0 0	300 7	317 3	6 3	97 4	999 9	999
9 5	30 0	2846 8	725 0	1 1	99 9	350 0	0 0	0 0	0 0	302 1	317 3	6 3	97 4	999 9	999
10 5	32 4	3128 1	700 0	-0 3	99 9	350 0	0 0	0 0	0 0	304 0	315 0	3 5	74 7	2 1	142
11 7	35 0	3418 6	675 0	-1 5	-5 4	350 0	0 0	0 0	0 0	305 4	315 6	3 5	75 1	2 6	141
12 7	37 5	3718 9	650 0	-3 2	-7 0	350 0	0 0	0 0	0 0	306 3	314 8	3 2	70 3	2 9	140
13 6	40 1	4028 3	625 0	-5 4	-9 8	350 0	0 0	0 0	0 0	307 3	316 7	3 2	88 9	3 2	139
14 6	42 8	4347 8	600 0	-7 7	-9 2	350 0	0 0	0 0	0 0	309 3	319 1	3 2	86 5	3 5	138
15 7	45 6	4678 4	575 0	-9 2	-9 3	350 0	0 0	0 0	0 0	310 7	318 4	3 2	85 5	4 5	138
16 9	48 4	5021 3	550 0	-11 3	-13 1	350 0	0 0	0 0	0 0	312 5	318 6	1 9	74 3	5 2	137
18 1	51 4	5377 4	525 0	-13 3	-16 8	350 0	0 0	0 0	0 0	314 3	318 9	1 4	62 7	999 9	999
19 4	54 5	5747 8	500 0	-15 4	-20 9	350 0	0 0	0 0	0 0	316 0	319 4	1 0	52 3	999 9	999
20 6	57 6	6132 3	475 0	-17 8	-25 1	350 0	0 0	0 0	0 0	317 7	320 3	0 8	46 8	999 9	999
22 0	60 9	6535 9	450 0	-20 3	-28 7	350 0	0 0	0 0	0 0	319 9	321 2	0 7	55 1	999 9	999
23 5	64 3	6956 4	425 0	-23 6	-33 0	350 0	0 0	0 0	0 0	321 9	321 9	0 6	50 5	999 9	999
25 0	67 9	7398 4	400 0	-27 0	-38 5	350 0	0 0	0 0	0 0	321 8	322 4	0 4	45 4	999 9	999
26 7	71 7	7858 4	375 0	-30 8	-41 4	350 0	0 0	0 0	0 0	322 9	322 8	0 3	50 3	999 9	999
28 4	75 5	8341 1	350 0	-34 8	-46 3	350 0	0 0	0 0	0 0	324 4	323 6	0 2	44 4	999 9	999
30 2	78 7	8857 0	325 0	-39 0	-52 0	350 0	0 0	0 0	0 0	325 5	323 6	0 2	44 4	999 9	999
32 1	83 8	9400 9	300 0	-43 3	-57 9	350 0	0 0	0 0	0 0	328 0	323 6	0 2	44 4	999 9	999
34 1	88 4	9860 2	275 0	-48 1	-62 9	350 0	0 0	0 0	0 0	331 3	323 6	0 2	44 4	999 9	999
36 2	93 2	10602 5	250 0	-52 5	-68 9	350 0	0 0	0 0	0 0	337 1	323 6	0 2	44 4	999 9	999
38 3	98 3	11278 8	225 0	-58 9	-75 9	350 0	0 0	0 0	0 0	343 7	323 6	0 2	44 4	999 9	999
40 7	103 8	12015 6	200 0	-64 4	-82 9	350 0	0 0	0 0	0 0	381 5	323 6	0 2	44 4	999 9	999
43 1	109 5	12840 0	175 0	-64 4	-82 9	350 0	0 0	0 0	0 0	405 7	323 6	0 2	44 4	999 9	999
45 8	115 5	13791 7	150 0	-61 9	-79 9	350 0	0 0	0 0	0 0	438 3	323 6	0 2	44 4	999 9	999
48 0	121 7	14914 7	125 0	-62 5	-82 9	350 0	0 0	0 0	0 0	503 6	323 6	0 2	44 4	999 9	999
53 5	127 7	16284 9	100 0	-64 2	-82 9	350 0	0 0	0 0	0 0	631 1	323 6	0 2	44 4	999 9	999
58 9	135 7	18057 1	75 0	-64 2	-82 9	350 0	0 0	0 0	0 0						
66 7	143 2	20575 0	50 0	-59 4	-82 9	350 0	0 0	0 0	0 0						
76 7	151 0	24956 6	25 0	-53 4	-82 9	350 0	0 0	0 0	0 0						

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

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 240  
LAKE CHARLES, LOUISIANA

1 MAY 1982  
1100 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	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	988 9	98 9	98 9	98 9	293 0	328 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	823 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	1087 1	900 0	15 2	10 6	111 3	4 9	-4 8	1 8	297 5	325 0	10 5	86 0	0 8	301
4 3	18 9	1308 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 7	54 6	4 9	-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	28 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 6	31 7	2590 6	750 0	5 6	-0 2	46 7	7 0	-5 1	-4 8	302 6	318 8	5 0	68 3	2 3	257
9 5	34 3	2857 3	725 0	4 1	-2 3	50 3	6 4	-4 9	-4 1	303 9	318 7	4 5	63 0	2 6	254
10 4	37 1	3151 9	700 0	2 2	-4 7	62 3	4 8	-4 3	-2 2	304 9	318 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 7	306 1	319 5	4 7	60 4	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 5	252
13 7	45 7	4058 7	625 0	-3 4	-3 4	217 0	3 0	0 6	0 8	308 6	322 5	4 8	99 8	3 8	253
14 7	48 8	4381 8	600 0	-5 6	-5 6	270 1	4 2	3 9	-0 0	309 6	321 8	4 2	99 0	4 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	82 7	4 9	250
17 0	55 1	5061 0	550 0	-8 2	-13 3	213 2	5 0	2 7	4 2	314 3	322 0	2 5	67 1	6 2	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	7 5	260
19 6	61 7	5798 9	500 0	-13 1	-13 3	220 1	7 8	5 0	8 0	317 1	325 7	2 8	98 6	8 8	289
20 9	65 3	6183 8	475 0	-15 8	-16 6	228 8	9 0	6 7	5 9	318 4	325 4	2 3	94 0	1 0	271
22 3	68 9	6590 0	450 0	-17 4	-23 1	238 1	11 0	9 4	8 2	321 4	325 7	1 8	80 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	326 9	0 8	72 1	1 8	24
25 5	76 4	7481 6	400 0	-24 1	-31 8	227 3	14 4	10 6	9 7	323 6	326 9	0 7	62 9	2 3	32
26 8	80 5	7928 9	375 0	-26 9	-31 8	233 9	15 8	12 8	9 3	324 0	328 5	0 5	55 5	3 0	39
28 5	84 7	8424 2	350 0	-30 9	-36 4	237 2	16 9	14 2	8 1	325 1	328 8	0 3	55 5	3 7	43
30 1	88 0	8853 3	325 0	-35 3	-40 4	237 9	18 8	14 2	6 9	326 0	329 3	0 3	58 6	4 4	43
31 8	91 6	9486 4	300 0	-39 5	-44 7	237 5	21 1	17 8	5 9	326 6	329 9	0 3	59 9	5 1	49
33 7	95 5	10087 4	275 0	-44 7	-48 4	235 9	26 3	21 8	14 7	330 5	329 9	0 3	59 9	6 0	47
35 6	103 5	10718 7	250 0	-49 4	-53 9	238 0	31 1	25 8	17 4	332 6	329 9	0 3	59 9	7 0	50
37 6	109 0	11400 2	225 0	-55 3	-59 9	235 9	35 6	29 5	20 0	333 7	329 9	0 3	59 9	8 0	52
39 5	114 7	12159 7	200 0	-61 9	-66 9	241 5	32 3	28 4	15 4	334 7	329 9	0 3	59 9	9 0	53
42 3	121 0	12862 3	175 0	-63 6	-63 6	248 0	23 2	21 5	8 7	335 0	329 9	0 3	59 9	10 0	55
45 3	127 5	13804 7	150 0	-62 7	-63 6	248 9	20 8	19 1	2 4	362 2	329 9	0 3	59 9	11 0	58
48 4	134 5	15028 8	125 0	-63 6	-64 4	263 5	21 2	16 8	2 6	379 9	329 9	0 3	59 9	12 0	59
51 5	142 0	16393 6	100 0	-64 4	-63 9	278 9	17 0	10 3	-4 5	403 4	329 9	0 3	59 9	13 0	64
54 5	150 3	18151 7	75 0	-63 9	-63 9	293 4	11 2	-0 1	-2 6	439 1	329 9	0 3	59 9	14 0	68
57 6	158 7	20657 8	50 0	-59 7	-59 9	0 7	4 2	-0 1	-3 0	504 2	329 9	0 3	59 9	15 0	72
61 5	167 7	25112 0	25 0	-48 5	-48 5	321 5	5 0	-3 0	-3 0	642 9	329 9	0 3	59 9	16 0	73

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY TEMP 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 1962  
1416 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
00	5	5	1019.8	20.0	18.5	80.0	2.6	-2.6	0.5	281.5	325.5	13.3	91.0	0.0	0.0
01	8	175	1000.0	20.7	18.2	99.9	99.9	99.9	99.9	293.8	320.5	14.2	91.5	999.9	999.9
02	9	384	975.0	20.5	12.1	99.9	99.9	99.9	99.9	295.8	320.1	9.2	58.8	999.9	999.9
03	11	619	950.0	19.5	10.3	99.9	99.9	99.9	99.9	297.0	319.5	8.4	55.8	0.4	290.0
04	13	847	925.0	18.8	13.0	113.8	3.6	-3.3	1.5	298.5	323.7	10.3	78.5	0.6	292.0
05	16	1061	900.0	18.0	11.5	82.8	3.0	-3.0	-0.4	298.2	323.7	10.3	73.7	0.8	291.0
06	18	1221	875.0	15.0	8.2	55.7	4.4	-3.6	-2.5	299.4	323.7	7.8	63.3	0.9	283.0
07	21	1565	850.0	13.1	6.2	41.5	6.0	-4.0	-4.4	299.9	321.9	6.1	72.3	1.0	274.0
08	23	1818	825.0	10.8	5.0	36.3	8.0	-6.4	-6.4	300.1	319.5	7.0	70.8	1.3	259.0
09	25	2072	800.0	9.0	6.3	35.9	8.6	-5.3	-7.1	300.7	318.7	6.5	83.3	1.6	248.0
10	27	2325	775.0	7.6	2.6	35.2	7.9	-6.4	-7.1	301.4	318.7	6.0	70.4	2.0	241.0
11	28	2578	750.0	6.0	1.0	35.9	6.8	-5.4	-6.4	302.0	318.7	5.5	70.4	2.4	237.0
12	31	2832	725.0	4.1	0.3	35.9	6.8	-4.7	-6.4	302.6	318.7	5.2	73.2	2.7	234.0
13	33	3085	700.0	2.5	-0.3	32.4	6.8	-3.5	-5.2	303.3	315.1	3.7	55.7	3.0	232.0
14	35	3338	675.0	0.8	-1.3	26.2	5.4	-2.6	-4.3	305.7	315.1	3.0	55.7	3.3	229.0
15	37	3591	650.0	-0.8	-2.7	37.5	5.2	-4.7	-4.3	305.7	315.1	3.0	55.7	3.3	229.0
16	39	3844	625.0	-2.6	-3.7	86.2	4.1	-4.0	0.9	308.0	320.5	4.2	82.2	3.8	232.0
17	41	4097	600.0	-4.1	-5.2	102.9	2.9	-2.5	1.4	310.0	322.3	4.2	89.2	4.0	235.0
18	43	4350	575.0	-5.7	-6.2	133.3	1.4	-1.9	1.0	311.1	323.8	3.5	97.1	4.4	237.0
19	45	4603	550.0	-7.0	-7.2	208.4	0.8	3.7	0.9	313.3	323.8	3.4	99.1	4.4	237.0
20	47	4856	525.0	-8.1	-8.2	283.5	0.3	4.4	0.9	316.4	325.7	3.4	99.0	3.6	240.0
21	49	5109	500.0	-9.2	-9.2	358.6	0.0	4.8	0.9	319.1	327.4	3.3	98.7	3.0	247.0
22	51	5362	475.0	-10.3	-10.3	433.7	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
23	53	5615	450.0	-11.3	-11.3	508.8	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
24	55	5868	425.0	-12.3	-12.3	583.9	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
25	57	6121	400.0	-13.3	-13.3	659.0	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
26	59	6374	375.0	-14.3	-14.3	734.1	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
27	61	6627	350.0	-15.3	-15.3	809.2	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
28	63	6880	325.0	-16.3	-16.3	884.3	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
29	65	7133	300.0	-17.3	-17.3	959.4	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
30	67	7386	275.0	-18.3	-18.3	1034.5	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
31	69	7639	250.0	-19.3	-19.3	1109.6	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
32	71	7892	225.0	-20.3	-20.3	1184.7	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
33	73	8145	200.0	-21.3	-21.3	1259.8	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
34	75	8398	175.0	-22.3	-22.3	1334.9	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
35	77	8651	150.0	-23.3	-23.3	1410.0	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
36	79	8904	125.0	-24.3	-24.3	1485.1	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
37	81	9157	100.0	-25.3	-25.3	1560.2	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
38	83	9410	75.0	-26.3	-26.3	1635.3	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
39	85	9663	50.0	-27.3	-27.3	1710.4	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
40	87	9916	25.0	-28.3	-28.3	1785.5	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
41	89	10169	0.0	-29.3	-29.3	1860.6	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
42	91	10422	0.0	-30.3	-30.3	1935.7	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
43	93	10675	0.0	-31.3	-31.3	2010.8	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
44	95	10928	0.0	-32.3	-32.3	2085.9	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
45	97	11181	0.0	-33.3	-33.3	2161.0	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
46	99	11434	0.0	-34.3	-34.3	2236.1	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
47	101	11687	0.0	-35.3	-35.3	2311.2	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
48	103	11940	0.0	-36.3	-36.3	2386.3	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
49	105	12193	0.0	-37.3	-37.3	2461.4	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
50	107	12446	0.0	-38.3	-38.3	2536.5	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
51	109	12699	0.0	-39.3	-39.3	2611.6	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
52	111	12952	0.0	-40.3	-40.3	2686.7	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
53	113	13205	0.0	-41.3	-41.3	2761.8	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
54	115	13458	0.0	-42.3	-42.3	2836.9	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
55	117	13711	0.0	-43.3	-43.3	2912.0	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
56	119	13964	0.0	-44.3	-44.3	2987.1	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
57	121	14217	0.0	-45.3	-45.3	3062.2	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
58	123	14470	0.0	-46.3	-46.3	3137.3	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
59	125	14723	0.0	-47.3	-47.3	3212.4	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
60	127	14976	0.0	-48.3	-48.3	3287.5	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0
61	129	15229	0.0	-49.3	-49.3	3362.6	0.0	4.8	1.3	319.8	328.5	3.3	94.9	2.5	254.0

\* 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 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 240  
LANE CHARLES, LOUISIANA  
1 MAY 1982  
1715 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 Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	4 0	5 0	121 2	23 3	18 8	70 0	3 1	-2 9	-1 1	294 7	329 8	13 8	76 0	0 0	0
0 2	6 0	187 0	100 0	22 3	18 8	99 9	99 9	99 9	99 9	295 5	329 8	99 9	99 9	999 9	999
0 6	8 0	406 8	975 0	20 8	19 2	999 9	99 9	99 9	99 9	296 1	333 9	14 6	99 9	999 9	999
1 4	11 3	631 1	950 0	17 2	16 4	999 9	99 9	99 9	99 9	297 3	320 2	12 5	95 0	999 9	999
2 0	13 7	859 9	925 0	16 6	11 0	999 9	99 9	99 9	99 9	298 0	325 3	10 7	89 2	999 9	999
2 2	16 1	1082 1	900 0	15 0	13 2	999 9	99 9	99 9	99 9	298 6	320 5	8 4	74 1	999 9	999
2 8	18 7	1320 8	875 0	13 7	9 1	999 9	99 9	99 9	99 9	299 2	318 3	6 0	61 1	999 9	999
3 4	21 2	1574 7	850 0	12 1	6 4	999 9	99 9	99 9	99 9	300 0	316 6	4 0	48 5	999 9	999
4 0	23 7	1824 4	825 0	10 5	3 5	999 9	99 9	99 9	99 9	301 3	318 3	2 0	35 0	999 9	999
4 6	26 3	2060 8	800 0	9 5	2 6	999 9	99 9	99 9	99 9	302 9	316 3	0 7	22 8	999 9	999
5 2	29 0	2343 7	775 0	7 5	1 1	999 9	99 9	99 9	99 9	304 7	316 3	4 6	9 4	999 9	999
5 8	31 7	2613 4	750 0	5 8	-1 1	999 9	99 9	99 9	99 9	306 3	316 3	4 6	6 7	999 9	999
6 4	34 3	2890 0	725 0	3 4	-2 0	999 9	99 9	99 9	99 9	308 0	316 3	4 6	4 3	999 9	999
7 0	37 1	3173 8	700 0	1 0	-3 2	999 9	99 9	99 9	99 9	310 2	316 3	4 3	2 8	999 9	999
7 6	40 0	3455 8	675 0	-0 8	-4 5	999 9	99 9	99 9	99 9	311 7	322 3	2 4	0 2	999 9	999
8 2	42 9	3738 1	650 0	-3 3	-5 8	999 9	99 9	99 9	99 9	313 3	322 3	2 4	0 2	999 9	999
8 8	45 8	4020 1	625 0	-5 9	-6 6	999 9	99 9	99 9	99 9	315 3	322 3	2 4	0 2	999 9	999
9 4	48 9	4303 3	600 0	-7 1	-7 6	999 9	99 9	99 9	99 9	317 3	322 3	2 4	0 2	999 9	999
10 0	52 0	4586 1	575 0	-8 7	-8 3	999 9	99 9	99 9	99 9	319 5	322 3	2 4	0 2	999 9	999
10 6	55 5	4869 1	550 0	-10 9	-10 3	999 9	99 9	99 9	99 9	321 7	322 3	2 4	0 2	999 9	999
11 2	59 0	5152 0	525 0	-12 6	-12 7	999 9	99 9	99 9	99 9	323 8	322 3	2 4	0 2	999 9	999
11 8	62 0	5437 8	500 0	-15 4	-15 2	999 9	99 9	99 9	99 9	325 8	322 3	2 4	0 2	999 9	999
12 4	65 4	5721 4	475 0	-18 1	-17 7	999 9	99 9	99 9	99 9	327 9	322 3	2 4	0 2	999 9	999
13 0	68 1	6007 7	450 0	-20 7	-20 3	999 9	99 9	99 9	99 9	329 9	322 3	2 4	0 2	999 9	999
13 6	71 8	6292 6	425 0	-23 3	-22 9	999 9	99 9	99 9	99 9	331 9	322 3	2 4	0 2	999 9	999
14 2	75 5	6577 8	400 0	-26 0	-25 6	999 9	99 9	99 9	99 9	333 8	322 3	2 4	0 2	999 9	999
14 8	79 2	6862 8	375 0	-28 7	-28 3	999 9	99 9	99 9	99 9	335 8	322 3	2 4	0 2	999 9	999
15 4	83 0	7147 8	350 0	-31 4	-31 0	999 9	99 9	99 9	99 9	337 8	322 3	2 4	0 2	999 9	999
16 0	86 5	7432 8	325 0	-34 1	-33 7	999 9	99 9	99 9	99 9	339 8	322 3	2 4	0 2	999 9	999
16 6	90 0	7717 8	300 0	-36 8	-36 4	999 9	99 9	99 9	99 9	341 7	322 3	2 4	0 2	999 9	999
17 2	93 5	8002 8	275 0	-39 5	-39 1	999 9	99 9	99 9	99 9	343 7	322 3	2 4	0 2	999 9	999
17 8	97 0	8287 8	250 0	-42 2	-41 8	999 9	99 9	99 9	99 9	345 7	322 3	2 4	0 2	999 9	999
18 4	100 5	8572 8	225 0	-44 9	-44 5	999 9	99 9	99 9	99 9	347 7	322 3	2 4	0 2	999 9	999
19 0	104 0	8857 8	200 0	-47 6	-47 2	999 9	99 9	99 9	99 9	349 7	322 3	2 4	0 2	999 9	999
19 6	107 5	9142 8	175 0	-50 3	-49 9	999 9	99 9	99 9	99 9	351 7	322 3	2 4	0 2	999 9	999
20 2	111 0	9427 8	150 0	-53 0	-52 6	999 9	99 9	99 9	99 9	353 7	322 3	2 4	0 2	999 9	999
20 8	114 5	9712 8	125 0	-55 7	-55 3	999 9	99 9	99 9	99 9	355 7	322 3	2 4	0 2	999 9	999
21 4	118 0	10000 0	100 0	-58 4	-58 0	999 9	99 9	99 9	99 9	357 7	322 3	2 4	0 2	999 9	999
22 0	121 5	10285 0	75 0	-61 1	-60 7	999 9	99 9	99 9	99 9	359 7	322 3	2 4	0 2	999 9	999
22 6	125 0	10570 0	50 0	-63 8	-63 4	999 9	99 9	99 9	99 9	361 7	322 3	2 4	0 2	999 9	999
23 2	128 5	10855 0	25 0	-66 5	-66 1	999 9	99 9	99 9	99 9	363 7	322 3	2 4	0 2	999 9	999
23 8	132 0	11140 0	0 0	-69 2	-68 8	999 9	99 9	99 9	99 9	365 7	322 3	2 4	0 2	999 9	999
24 4	135 5	11425 0	0 0	-71 9	-71 5	999 9	99 9	99 9	99 9	367 7	322 3	2 4	0 2	999 9	999
25 0	139 0	11710 0	0 0	-74 6	-74 2	999 9	99 9	99 9	99 9	369 7	322 3	2 4	0 2	999 9	999
25 6	142 5	12000 0	0 0	-77 3	-76 9	999 9	99 9	99 9	99 9	371 7	322 3	2 4	0 2	999 9	999
26 2	146 0	12290 0	0 0	-80 0	-79 6	999 9	99 9	99 9	99 9	373 7	322 3	2 4	0 2	999 9	999
26 8	149 5	12580 0	0 0	-82 7	-82 3	999 9	99 9	99 9	99 9	375 7	322 3	2 4	0 2	999 9	999
27 4	153 0	12870 0	0 0	-85 4	-85 0	999 9	99 9	99 9	99 9	377 7	322 3	2 4	0 2	999 9	999
28 0	156 5	13160 0	0 0	-88 1	-87 7	999 9	99 9	99 9	99 9	379 7	322 3	2 4	0 2	999 9	999
28 6	160 0	13450 0	0 0	-90 8	-90 4	999 9	99 9	99 9	99 9	381 7	322 3	2 4	0 2	999 9	999
29 2	163 5	13740 0	0 0	-93 5	-93 1	999 9	99 9	99 9	99 9	383 7	322 3	2 4	0 2	999 9	999
29 8	167 0	14030 0	0 0	-96 2	-95 8	999 9	99 9	99 9	99 9	385 7	322 3	2 4	0 2	999 9	999
30 4	170 5	14320 0	0 0	-98 9	-98 5	999 9	99 9	99 9	99 9	387 7	322 3	2 4	0 2	999 9	999
31 0	174 0	14610 0	0 0	-101 6	-101 2	999 9	99 9	99 9	99 9	389 7	322 3	2 4	0 2	999 9	999
31 6	177 5	14900 0	0 0	-104 3	-103 9	999 9	99 9	99 9	99 9	391 7	322 3	2 4	0 2	999 9	999
32 2	181 0	15190 0	0 0	-107 0	-106 6	999 9	99 9	99 9	99 9	393 7	322 3	2 4	0 2	999 9	999
32 8	184 5	15480 0	0 0	-109 7	-109 3	999 9	99 9	99 9	99 9	395 7	322 3	2 4	0 2	999 9	999
33 4	188 0	15770 0	0 0	-112 4	-112 0	999 9	99 9	99 9	99 9	397 7	322 3	2 4	0 2	999 9	999
34 0	191 5	16060 0	0 0	-115 1	-114 7	999 9	99 9	99 9	99 9	399 7	322 3	2 4	0 2	999 9	999
34 6	195 0	16350 0	0 0	-117 8	-117 4	999 9	99 9	99 9	99 9	401 7	322 3	2 4	0 2	999 9	999
35 2	198 5	16640 0	0 0	-120 5	-120 1	999 9	99 9	99 9	99 9	403 7	322 3	2 4	0 2	999 9	999
35 8	202 0	16930 0	0 0	-123 2	-122 8	999 9	99 9	99 9	99 9	405 7	322 3	2 4	0 2	999 9	999
36 4	205 5	17220 0	0 0	-125 9	-125 5	999 9	99 9	99 9	99 9	407 7	322 3	2 4	0 2	999 9	999
37 0	209 0	17510 0	0 0	-128 6	-128 2	999 9	99 9	99 9	99 9	409 7	322 3	2 4	0 2	999 9	999
37 6	212 5	17800 0	0 0	-131 3	-130 9	999 9	99 9	99 9	99 9	411 7	322 3	2 4	0 2	999 9	999
38 2	216 0	18090 0	0 0	-134 0	-133 6	999 9	99 9	99 9	99 9	413 7	322 3	2 4	0 2	999 9	999
38 8	219 5	18380 0	0 0	-136 7	-136 3	999 9	99 9	99 9	99 9	415 7	322 3	2 4	0 2	999 9	999
39 4	223 0	18670 0	0 0	-139 4	-139 0	999 9	99 9	99 9	99 9	417 7	322 3	2 4	0 2	999 9	999
40 0	226 5	18960 0	0 0	-142 1	-141 7	999 9	99 9	99 9	99 9	419 7	322 3	2 4	0 2	999 9	999
40 6	230 0	19250 0	0 0	-144 8	-144 4	999 9	99 9	99 9	99 9	421 7	322 3	2 4	0 2	999 9	999
41 2	233 5	19540 0	0 0	-147 5	-147 1	999 9	99 9	99 9	99 9	423 7	322 3	2 4	0 2	999 9	999
41 8	237 0	19830 0	0 0	-150 2	-149 8	999 9	99 9	99 9	99 9	425 7	322 3	2 4	0 2	999 9	999
42 4	240 5	20120 0	0 0	-152 9	-152 5	999 9	99 9	99 9	99 9	427 7	322 3	2 4	0 2	999 9	999
43 0	244 0	20410 0	0 0	-155 6	-155 2	999 9	99 9	99 9	99 9	429 7	322 3	2 4	0 2	999 9	999
43 6	247 5	20700 0	0 0	-158 3	-157 9	999 9	99 9	99 9	99 9	431 7	322 3	2 4	0 2	999 9	999
44 2	251 0	20990 0	0 0	-161 0	-160 6	999 9	99 9	99 9	99 9	433 7	322 3	2 4	0 2	999 9	999
44 8	254 5	21280 0	0 0	-163 7	-163 3	999 9	99 9	99 9	99 9	435 7	322 3	2 4	0 2	999 9	999
45 4	258 0	21570 0	0 0	-166 4	-166 0	999 9	99 9	99 9	99 9	437 7	322 3	2 4	0 2	999 9	999
46 0	261 5	21860 0	0 0	-169 1	-168 7	999 9	99 9	99 9							

ORIGINAL PAGE 19  
OF POOR QUALITY

STATION NO. 240  
LAKE CHARLES, LOUISIANA  
1 MAY 2015 GMT 1982

TIME MIN	CNTGT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	5 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	21.6	16.3	59 4	4 1	-3.5	-2.1	294.9	328.6	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	335.1	12.6	63 2	0 4	234
2 3	11 6	617 1	950.0	17.6	15.3	44 6	3 5	-2.5	-2.4	295.3	335.8	11.6	65 2	0 6	232
3 2	14 3	845 1	925.0	16.3	14.7	43 3	4 7	-3.2	-3.4	296.0	339.1	8.7	68 5	0 7	230
4 1	16 3	1078 5	900.0	15.5	10.6	44 7	7 0	-4.2	-5.0	297.5	321.5	8 9	72 2	1 1	228
5 1	18 3	1317 1	875.0	13.7	8 6	40 1	6 5	-4.9	-4.9	298.1	320.2	8 2	72 1	1 5	228
6 2	21 3	1561 3	850.0	12.4	6 6	53 7	7 3	-6.0	-4.4	298.6	328.9	7 2	67 3	1 9	228
7 0	24 4	1811.5	825.0	11.3	5 6	73 3	7 3	-7.0	-2.0	301.9	320.0	7 1	67 3	2 3	228
8 0	27 1	2066.3	800.0	10.0	2 4	83 9	6 2	-6.1	-0.7	301.9	327.9	5 7	58 1	2 6	227
9 1	29 7	2332.0	775.0	8 4	-0.2	77 1	6 6	-6.3	-1.9	302.9	328.1	5 4	60 3	3 4	229
10 0	32 3	2602.5	750.0	6.9	-0.8	100.6	5 7	-5.6	-0.9	305.1	318.4	5 0	60 6	3 6	241
11 0	35 1	2880.5	725.0	5.2	-1.6	130.0	4 9	-4.8	0.9	308.1	319.8	4 8	69 8	3 8	244
12 0	37 6	3166.4	700.0	3.1	-1.6	142 9	5 2	-4.1	4.1	308.6	320.4	4 6	79 0	3 9	239
13 0	40 6	3460.3	675.0	0.8	-2.4	145 1	4 2	-3.1	3.5	307.3	320.6	4 6	88 9	4 0	233
14 1	43 4	3752.7	650.0	-1.5	-3.4	144 9	2 3	-2.4	1.9	309.2	322.4	4 4	87 9	4 1	256
15 2	46 3	4072.8	625.0	-2.8	-4.6	229.6	2 0	-1.3	0.7	310.9	322.4	3 3	84 5	4 1	256
16 4	49 3	4387.8	600.0	-4.5	-6.7	320 1	3 5	2.2	-2.7	312.9	322.8	3 3	78 3	3 9	252
17 6	52 3	4732.5	575.0	-6.4	-9.4	304 1	4 6	3.6	-0.5	315.2	323.6	2 6	83 4	3 8	258
18 8	55 3	5078 3	550.0	-8.4	-11.5	277 0	4 5	4.4	2.8	316.6	323.6	2 1	83 4	3 8	258
19 0	58 4	5438 1	525.0	-10.4	-13.3	252 5	6 2	6.2	2.6	318.4	323.2	1 5	85 2	3 7	241
20 1	61 6	5812 7	500.0	-12.2	-16.4	256 0	8 2	7.6	3.2	318.5	323.2	1 1	85 2	3 7	241
21 8	64 8	6201.5	475.0	-14.6	-20.6	251 5	9 7	8.8	3.1	320.6	323.3	0 8	82 5	3 7	241
22 6	68 1	6607.2	450.0	-16.9	-25.0	241 2	7 6	6.2	2.6	322.3	324.4	0 6	82 5	3 7	241
23 1	71 5	7030.5	425.0	-19.2	-29.2	242 3	6 1	5.4	2.6	322.3	324.5	0 4	82 5	3 7	241
24 6	75 6	7473.5	400.0	-22.2	-32.6	199.9	9 9	9.9	9.9	323.8	324.7	0 2	82 5	3 7	241
25 4	78 6	7938.8	375.0	-25.2	-36.2	199.9	9 9	9.9	9.9	324.7	325.3	0 2	82 5	3 7	241
26 4	82 3	8427.6	350.0	-28.1	-43.1	99.9	9 9	9.9	9.9	325.9	325.9	0 2	82 5	3 7	241
27 9	86 0	8940.4	325.0	-33.4	-47.8	99.9	9 9	9.9	9.9	325.9	325.9	0 2	82 5	3 7	241
28 8	90 0	9490.4	300.0	-37.7	-49.9	99.9	9 9	9.9	9.9	325.9	325.9	0 2	82 5	3 7	241
29 8	94.2	10073.8	275.0	-42.2	-59.9	277.2	11.5	11.4	11.4	326.6	326.6	0 2	82 5	3 7	241
30 8	98.6	10700.9	250.0	-46.0	-69.9	266 1	14.9	14.6	14.6	327.1	327.1	0 2	82 5	3 7	241
31 3	103.2	11382.7	225.0	-53.2	-89.9	262.9	17.9	17.7	17.7	328.5	328.5	0 2	82 5	3 7	241
32 8	108.2	12138.6	200.0	-54.5	-99.9	265.5	24.4	24.3	24.3	328.5	328.5	0 2	82 5	3 7	241
33 8	113.7	12989.6	175.0	-56.7	-99.9	275.5	18.6	18.5	18.5	328.5	328.5	0 2	82 5	3 7	241
34 8	119.5	13892.6	150.0	-57.5	-99.9	279.3	15.2	15.0	15.0	328.5	328.5	0 2	82 5	3 7	241
35 8	125.0	14842.7	125.0	-61.7	-99.9	277.8	15.0	14.9	14.9	328.5	328.5	0 2	82 5	3 7	241
36 7	133.3	16482.7	100.0	-62.2	-99.9	281.6	10.9	10.7	10.7	328.5	328.5	0 2	82 5	3 7	241
37 5	142.6	18252.1	75.0	-61.7	-99.9	312.2	3.4	2.5	2.5	328.5	328.5	0 2	82 5	3 7	241
38 5	151.7	20772.1	50.0	-59.0	-99.9	312.2	3.4	2.5	2.5	328.5	328.5	0 2	82 5	3 7	241
39 8	162.5	23221.3	25.0	-49.6	-99.9	99.9	9 9	9 9	9 9	328.5	328.5	0 2	82 5	3 7	241

\* BY SPEED MEANS ELEVATION 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  
MAY 1982  
2300 GMT

TIME MIN	CHTC	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V 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	1018.1	22 2	18 8	30 0	4 1	-2 0	-3 6	294 4	325 5	11 9	69 0	0 0	0
0 6	6 9	108 0	1000.0	21 2	15 3	16 9	4 8	-1 4	-4 0	294 4	323 2	11 0	69 1	0 2	196
1 3	9 7	380 8	975.0	19 4	12 9	19 9	5 5	-1 8	-5 2	294 7	322 1	10 4	69 9	0 4	197
2 0	12 5	612 5	950.0	18 6	10 6	19 9	4 2	-1 4	-3 9	296 1	322 5	10 0	69 9	0 6	198
2 8	15 3	841 0	925.0	16 7	14 3	20 2	4 0	-1 9	-3 5	296 4	325 8	11 1	85 6	0 8	199
3 5	18 2	1074 4	900.0	15 2	10 4	32 1	5 5	-2 3	-4 7	296 4	320 9	8 9	73 0	1 1	202
4 2	21 1	1322 8	875.0	13 8	8 6	34 8	6 2	-3 5	-5 1	298 2	320 4	8 2	71 5	1 3	204
5 4	23 8	1572 0	850.0	12 3	7 7	34 3	6 2	-3 5	-5 1	298 0	320 2	7 6	73 7	1 3	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	-7 6	-2 3	300 6	320 5	7 2	92 8	2 3	209
8 7	35 8	2593 8	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 8	2870 3	725.0	3 5	0 0	98 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	3748 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	4081 6	625.0	-3 1	-4 6	200 6	1 1	0 8	-0 4	308 9	321 6	4 4	89 4	2 4	227
14 7	54 3	4378 3	600.0	-5 1	-6 6	242 6	2 8	0 2	-2 7	310 3	321 9	3 9	88 0	2 6	225
15 8	57 5	4674 3	575.0	-6 7	-8 6	329 7	2 3	2 2	-3 7	312 2	321 6	3 2	78 2	2 6	220
17 0	60 9	4964 4	550.0	-8 7	-10 6	321 2	4 8	3 1	-3 6	313 8	322 1	2 7	75 2	2 6	207
18 3	64 3	5253 8	525.0	-11 3	-14 9	330 1	4 6	2 3	-4 0	314 8	322 0	2 3	74 4	2 6	202
19 7	67 6	5546 6	500.0	-13 8	-16 2	327 5	4 0	2 2	-3 4	316 2	322 9	2 3	82 1	3 0	202
20 7	71 1	5840 6	475.0	-16 3	-19 0	330 2	2 7	2 5	-4 4	317 6	323 5	1 6	80 0	3 2	197
22 1	74 7	6132 1	450.0	-18 3	-22 4	338 2	7 2	2 7	-6 7	318 9	323 5	0 9	78 3	3 6	191
23 5	78 4	6424 6	425.0	-22 1	-28 6	328 3	9 9	5 5	-8 2	320 8	323 5	0 5	56 0	4 2	185
25 1	82 2	6715 6	400.0	-25 2	-34 7	326 1	6 0	5 5	-9 6	322 2	324 0	0 5	40 6	5 1	177
26 7	86 0	7007 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	7291 0	350.0	-32 0	-41 1	320 8	14 2	9 0	-11 0	324 9	325 3	0 3	43 9	7 3	162
30 2	94 2	7574 8	325.0	-37 6	-48 8	309 7	14 9	10 3	-10 7	324 9	325 9	99 9	99 9	8 7	162
32 0	98 2	7858 8	300.0	-42 4	-56 6	295 1	15 3	11 8	-9 8	324 9	326 9	99 9	99 9	10 1	158
33 8	102 8	8143 5	275.0	-47 0	-64 4	285 1	17 3	15 6	-7 3	324 9	327 7	99 9	99 9	11 6	153
35 6	107 5	8428 5	250.0	-51 8	-72 2	304 0	19 5	18 2	-10 9	327 1	328 9	99 9	99 9	13 6	147
38 1	112 4	8713 1	225.0	-56 6	-80 0	312 3	22 4	18 0	-15 1	329 0	329 9	99 9	99 9	16 8	143
41 1	117 6	9000 0	200.0	-61 4	-87 8	300 8	22 2	18 1	-11 4	333 9	329 9	99 9	99 9	20 2	142
44 3	123 2	9287 7	175.0	-66 2	-95 6	282 1	24 1	23 6	-5 1	350 8	329 9	99 9	99 9	23 6	135
48 2	129 2	9574 4	150.0	-71 0	-103 4	279 8	22 9	22 4	-4 8	369 2	329 9	99 9	99 9	28 7	129
52 4	135 0	9861 8	125.0	-75 8	-111 2	271 8	18 5	18 2	-3 1	381 9	329 9	99 9	99 9	33 5	125
57 0	141 0	10148 8	100.0	-80 6	-119 0	276 2	10 4	16 5	-0 5	405 8	329 9	99 9	99 9	38 4	121
64 0	151 5	10435 8	75.0	-85 4	-126 8	276 2	3 9	10 4	-1 1	439 9	329 9	99 9	99 9	43 3	118
72 7	161 0	10722 2	50.0	-90 2	-134 6	335 3	3 9	1 6	-3 5	500 8	329 9	99 9	99 9	45 8	117
85	171 0	11009 6	25.0	-95 0	-142 4	336 4	5 8	2 2	-5 4	633 7	329 9	99 9	99 9	46 0	120

\* BY SPEED MEANS ELEVATION 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  
200 GMT

TIME MIN	GMTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCY	RANGE NM	159
00	00	5	1019	16	16	70	2	2	0	290	320	11	97	0	0
00	00	100	1000	21	17	40	6	4	0	285	320	9	58	1	0
00	00	300	875	20	17	35	6	4	0	285	318	3	53	0	0
00	00	812	825	19	17	32	7	5	0	287	318	0	52	0	0
00	00	1075	825	17	15	43	7	5	0	288	320	0	51	0	0
00	00	1534	875	16	15	41	7	5	0	288	320	0	51	0	0
00	00	1898	875	13	14	41	7	5	0	288	318	0	51	0	0
00	00	2065	825	11	13	48	1	3	0	301	318	0	51	0	0
00	00	2328	800	9	12	50	5	3	0	303	318	0	51	0	0
00	00	2588	775	7	10	84	5	3	0	303	318	0	51	0	0
00	00	2875	750	6	9	134	0	2	0	303	318	0	51	0	0
00	00	3180	700	4	7	264	0	0	0	305	320	0	51	0	0
00	00	3452	675	2	5	269	4	0	0	308	320	0	51	0	0
00	00	3758	650	1	0	303	7	0	0	308	321	0	51	0	0
00	00	4088	625	0	0	312	1	0	0	310	321	0	51	0	0
00	00	4381	600	0	0	323	4	0	0	312	321	0	51	0	0
00	00	4724	575	0	0	345	1	0	0	315	322	0	51	0	0
00	00	5076	550	0	0	355	1	0	0	315	322	0	51	0	0
00	00	5428	525	0	0	368	7	0	0	318	324	0	51	0	0
00	00	5801	500	0	0	387	3	0	0	320	324	0	51	0	0
00	00	6188	475	0	0	397	3	0	0	322	324	0	51	0	0
00	00	6596	450	0	0	328	6	0	0	322	325	0	51	0	0
00	00	7018	425	0	0	331	6	0	0	322	325	0	51	0	0
00	00	7468	400	0	0	327	9	0	0	322	325	0	51	0	0
00	00	7933	375	0	0	324	3	0	0	325	325	0	51	0	0
00	00	8425	350	0	0	320	7	0	0	325	325	0	51	0	0
00	00	8942	325	0	0	311	0	0	0	328	326	0	51	0	0
00	00	9478	300	0	0	309	0	0	0	330	326	0	51	0	0
00	00	10046	275	0	0	308	3	0	0	331	326	0	51	0	0
00	00	10708	250	0	0	308	1	0	0	335	326	0	51	0	0
00	00	11388	225	0	0	308	0	0	0	338	326	0	51	0	0
00	00	12128	200	0	0	308	0	0	0	350	326	0	51	0	0
00	00	12928	175	0	0	308	0	0	0	357	326	0	51	0	0
00	00	13808	150	0	0	308	0	0	0	362	326	0	51	0	0
00	00	14733	125	0	0	305	0	0	0	368	326	0	51	0	0
00	00	15664	100	0	0	285	0	0	0	371	326	0	51	0	0
00	00	16633	75	0	0	280	0	0	0	378	326	0	51	0	0
00	00	17681	50	0	0	260	0	0	0	381	326	0	51	0	0
00	00	18873	25	0	0	148	0	0	0	382	326	0	51	0	0

\* 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 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

Y

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 240  
LANE CHARLES, LOUISIANA  
2 MAY 1982  
500 GMT

TIME MIN	CRNGT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MLR TO CM/KG	RH PCT	RANGE NM	AZ DG
0 5	9 5	5 0	1029 1	17 2	18 7	80 5	2 1	-1 0	-1 0	288 7	318 8	11 8	97 0	0 0	0 0
1 0	7 4	178 0	1000 0	20 0	16 9	71 2	2 3	-8 0	-8 0	293 7	324 9	12 3	92 5	0 3	24 7
1 2	9 0	305 0	975 0	19 4	14 7	71 3	0 4	-8 0	-8 0	294 7	323 2	12 3	92 5	0 3	24 7
1 3	12 0	619 0	950 0	19 0	11 9	74 9	7 1	-3 9	-1 8	296 4	321 1	10 9	83 5	1 0	250
2 0	14 0	848 0	925 0	17 2	10 6	78 8	5 3	-5 2	-1 2	298 9	319 2	8 7	85 3	1 3	252
2 3	17 4	1081 7	900 0	15 7	10 6	73 2	5 3	-4 6	-1 5	297 7	319 3	8 0	85 3	1 5	252
2 5	18 4	1328 8	875 0	14 1	7 7	83 8	5 3	-4 7	-2 4	298 4	318 4	7 6	85 3	1 5	252
3 1	22 5	1568 1	850 0	12 8	6 0	54 4	5 3	-4 5	-3 2	299 4	318 4	6 9	75 4	2 1	250
3 2	23 1	1815 2	825 0	10 2	5 1	48 1	4 0	-3 5	-3 7	300 9	319 8	6 9	75 4	2 3	248
3 7	27 7	2071 7	800 0	7 2	3 0	38 3	3 0	-2 5	-2 5	302 7	318 7	6 1	74 3	2 9	242
4 0	30 3	2334 4	775 0	5 6	0 9	28 5	2 1	-1 0	-1 8	303 5	318 3	5 5	70 1	2 9	242
4 7	35 7	2800 0	750 0	3 7	0 9	34 6	1 5	0 4	-1 5	303 5	318 5	5 2	70 1	2 9	242
5 0	38 4	3184 8	725 0	0 8	-0 4	310 2	3 4	2 0	-2 2	303 4	318 5	5 2	70 1	2 9	242
5 7	41 2	3458 4	700 0	0 4	-0 4	325 4	4 0	2 0	-4 0	305 2	321 5	5 0	74 3	2 9	224
6 0	44 1	3758 3	675 0	1 8	-2 3	342 0	4 4	1 4	-4 2	307 2	321 5	5 0	74 3	2 9	224
6 7	47 0	4070 4	650 0	-2 4	-5 0	358 2	3 8	0 3	-3 8	309 7	322 1	4 2	82 5	3 0	224
7 1	49 8	4373 2	625 0	-5 2	-8 9	38 2	4 4	-0 7	-4 4	310 1	319 9	3 3	75 3	3 3	221
7 4	52 0	4732 5	600 0	-8 7	-11 4	13 5	5 2	1 2	-5 1	312 2	320 7	2 8	69 0	3 5	218
7 7	54 3	5073 8	575 0	-8 0	-12 0	1 8	5 2	2 0	-5 2	313 8	321 1	2 4	65 5	3 9	216
8 0	56 6	5432 0	550 0	-8 0	-12 0	335 8	5 3	2 0	-5 8	312 5	322 0	2 4	65 5	3 9	216
8 3	58 7	5817 7	525 0	-8 0	-12 0	317 0	7 6	5 4	-5 6	319 5	323 0	1 6	42 0	4 6	198
8 6	61 7	6204 5	500 0	-15 0	-25 0	317 0	8 2	4 7	-5 4	317 5	323 1	1 7	35 1	5 5	191
8 9	64 6	6594 8	475 0	-18 0	-33 1	328 0	9 2	4 7	-7 0	322 0	324 0	0 5	32 7	6 8	180
9 2	67 6	7020 2	450 0	-21 0	-42 0	320 4	9 2	8 0	-8 0	323 7	324 0	0 2	16 6	8 5	170
9 5	70 6	7474 2	425 0	-24 0	-51 3	297 0	8 0	8 0	-4 1	323 7	324 0	0 2	16 6	8 5	170
9 8	73 6	7948 3	400 0	-28 0	-60 8	278 0	8 0	11 0	-4 1	324 4	325 8	0 1	14 3	9 2	158
10 1	76 1	8432 3	375 0	-31 4	-69 8	268 0	11 1	13 0	-4 3	325 4	327 5	0 1	14 3	9 2	158
10 4	78 7	8923 0	350 0	-35 0	-78 9	263 3	13 2	14 0	-4 3	328 2	329 9	0 1	14 3	9 2	158
10 7	81 7	9417 2	325 0	-38 5	-88 9	263 3	15 2	14 0	-6 0	328 9	329 9	0 1	14 3	9 2	158
11 0	84 2	9910 0	300 0	-42 0	-98 9	263 3	16 8	17 7	-8 2	330 5	329 9	0 1	14 3	9 2	158
11 3	86 7	10398 2	275 0	-45 0	-108 9	263 3	18 0	17 7	-10 6	334 2	329 9	0 1	14 3	9 2	158
11 6	89 2	10717 2	250 0	-50 0	-118 9	263 3	19 8	17 7	-10 6	334 2	329 9	0 1	14 3	9 2	158
11 9	91 7	11307 3	225 0	-55 0	-128 9	263 3	22 0	22 9	-11 0	339 9	329 9	0 1	14 3	9 2	158
12 2	94 2	11811 1	200 0	-58 7	-138 9	263 3	25 2	25 8	-11 0	339 9	329 9	0 1	14 3	9 2	158
12 5	96 7	12320 3	175 0	-60 7	-148 9	263 3	27 8	26 8	-10 9	339 9	329 9	0 1	14 3	9 2	158
12 8	99 2	12820 3	150 0	-60 7	-158 9	263 3	29 0	26 8	-8 3	339 9	329 9	0 1	14 3	9 2	158
13 1	101 7	13320 3	125 0	-62 7	-168 9	263 3	32 3	24 0	-6 0	339 9	329 9	0 1	14 3	9 2	158
13 4	104 2	13820 3	100 0	-62 7	-178 9	263 3	33 7	20 3	-4 0	339 9	329 9	0 1	14 3	9 2	158
13 7	106 7	14320 3	75 0	-62 7	-188 9	263 3	35 0	16 5	-2 2	339 9	329 9	0 1	14 3	9 2	158
14 0	109 2	14820 3	50 0	-62 7	-198 9	263 3	37 0	11 7	-1 1	339 9	329 9	0 1	14 3	9 2	158
14 3	111 7	15320 3	25 0	-62 7	-208 9	263 3	39 0	6 5	0 0	339 9	329 9	0 1	14 3	9 2	158
14 6	114 2	15820 3	0 0	-62 7	-218 9	263 3	41 0	1 1	0 0	339 9	329 9	0 1	14 3	9 2	158
14 9	116 7	16320 3	0 0	-62 7	-228 9	263 3	43 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
15 2	119 2	16820 3	0 0	-62 7	-238 9	263 3	45 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
15 5	121 7	17320 3	0 0	-62 7	-248 9	263 3	47 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
15 8	124 2	17820 3	0 0	-62 7	-258 9	263 3	49 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
16 1	126 7	18320 3	0 0	-62 7	-268 9	263 3	51 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
16 4	129 2	18820 3	0 0	-62 7	-278 9	263 3	53 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
16 7	131 7	19320 3	0 0	-62 7	-288 9	263 3	55 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
17 0	134 2	19820 3	0 0	-62 7	-298 9	263 3	57 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
17 3	136 7	20320 3	0 0	-62 7	-308 9	263 3	59 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
17 6	139 2	20820 3	0 0	-62 7	-318 9	263 3	61 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
17 9	141 7	21320 3	0 0	-62 7	-328 9	263 3	63 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
18 2	144 2	21820 3	0 0	-62 7	-338 9	263 3	65 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
18 5	146 7	22320 3	0 0	-62 7	-348 9	263 3	67 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
18 8	149 2	22820 3	0 0	-62 7	-358 9	263 3	69 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
19 1	151 7	23320 3	0 0	-62 7	-368 9	263 3	71 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
19 4	154 2	23820 3	0 0	-62 7	-378 9	263 3	73 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
19 7	156 7	24320 3	0 0	-62 7	-388 9	263 3	75 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
20 0	159 2	24820 3	0 0	-62 7	-398 9	263 3	77 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
20 3	161 7	25320 3	0 0	-62 7	-408 9	263 3	79 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
20 6	164 2	25820 3	0 0	-62 7	-418 9	263 3	81 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
20 9	166 7	26320 3	0 0	-62 7	-428 9	263 3	83 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
21 2	169 2	26820 3	0 0	-62 7	-438 9	263 3	85 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
21 5	171 7	27320 3	0 0	-62 7	-448 9	263 3	87 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
21 8	174 2	27820 3	0 0	-62 7	-458 9	263 3	89 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
22 1	176 7	28320 3	0 0	-62 7	-468 9	263 3	91 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
22 4	179 2	28820 3	0 0	-62 7	-478 9	263 3	93 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
22 7	181 7	29320 3	0 0	-62 7	-488 9	263 3	95 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
23 0	184 2	29820 3	0 0	-62 7	-498 9	263 3	97 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
23 3	186 7	30320 3	0 0	-62 7	-508 9	263 3	99 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
23 6	189 2	30820 3	0 0	-62 7	-518 9	263 3	101 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
23 9	191 7	31320 3	0 0	-62 7	-528 9	263 3	103 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
24 2	194 2	31820 3	0 0	-62 7	-538 9	263 3	105 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
24 5	196 7	32320 3	0 0	-62 7	-548 9	263 3	107 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
24 8	199 2	32820 3	0 0	-62 7	-558 9	263 3	109 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
25 1	201 7	33320 3	0 0	-62 7	-568 9	263 3	111 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
25 4	204 2	33820 3	0 0	-62 7	-578 9	263 3	113 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
25 7	206 7	34320 3	0 0	-62 7	-588 9	263 3	115 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
26 0	209 2	34820 3	0 0	-62 7	-598 9	263 3	117 0	0 0	0 0	339 9	329 9	0 1	14 3	9 2	158
26 3	211 7	35320 3													

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 240  
LAKE CHARLES, LOUISIANA

2 MAY 1982

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

160 11 1

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/MG	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	267.2	315.1	11.0	100.0	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
2.8	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
3.5	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
4.2	19.6	1309.2	875.0	14.5	7.9	47.4	6.4	-4.7	-4.3	298.6	319.7	7.7	64.5	0.8	247
4.9	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
5.6	24.8	1804.9	825.0	11.6	3.8	37.1	7.2	-4.5	-5.6	300.8	317.6	6.1	58.8	1.6	233
6.3	27.4	2051.7	800.0	9.7	2.5	34.1	6.7	-3.8	-5.6	301.5	317.6	5.8	58.8	2.0	229
7.0	30.1	2294.7	775.0	7.5	2.3	33.8	6.7	-3.7	-5.6	302.5	319.0	5.9	69.4	2.4	227
7.7	32.8	2534.2	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
8.4	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
9.1	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
9.8	41.1	3447.3	675.0	0.5	-2.2	11.3	5.5	-1.1	-5.4	308.2	320.1	4.8	81.9	3.9	216
10.5	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
11.2	46.8	4051.7	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
11.9	49.8	4354.3	600.0	-5.2	-9.6	301.1	4.1	3.5	-2.1	310.7	320.8	3.1	68.8	4.4	210
12.6	52.8	4718.0	575.0	-7.2	-12.2	293.8	6.3	5.8	-2.6	312.8	320.8	2.6	62.3	4.4	205
13.3	55.8	5085.4	550.0	-9.1	-16.2	314.7	7.1	5.3	-5.0	314.5	320.6	2.0	53.0	4.5	198
14.0	58.8	5455.2	525.0	-11.1	-18.1	314.3	7.4	5.3	-5.2	315.7	321.3	1.7	52.2	4.8	192
14.7	62.0	5799.6	500.0	-12.2	-23.4	301.6	8.5	7.2	-4.4	318.1	321.9	1.2	39.6	5.1	185
15.4	65.3	6188.7	475.0	-14.4	-27.6	293.9	10.4	9.5	-4.2	319.0	321.8	0.8	34.1	5.5	177
16.1	68.6	6586.0	450.0	-16.0	-35.1	281.3	12.7	11.2	-4.4	320.8	322.1	0.4	27.8	6.0	168
16.8	72.0	7020.3	425.0	-18.0	-40.8	288.1	12.7	11.2	-6.0	321.4	322.9	0.4	27.8	6.8	160
17.5	75.4	7485.2	400.0	-24.1	-48.2	298.1	13.6	12.0	-6.2	323.7	324.7	0.3	19.5	7.8	154
18.2	78.1	7932.3	375.0	-28.2	-49.1	294.4	14.9	13.6	-6.2	324.2	324.8	0.2	16.6	9.2	147
18.9	81.8	8422.8	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
19.6	85.7	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
20.3	89.5	9489.9	300.0	-40.5	-59.9	290.4	22.5	21.1	-7.9	328.3	328.5	0.1	99.9	15.0	132
21.0	93.7	10078.3	275.0	-44.3	-69.9	293.0	27.7	25.5	-10.8	331.0	329.9	0.1	99.9	18.5	128
21.7	98.0	10710.8	250.0	-48.0	-79.9	295.0	32.3	29.3	-13.7	333.8	329.9	0.1	99.9	23.2	125
22.4	102.6	11394.9	225.0	-51.5	-89.9	296.2	37.7	29.3	-14.4	335.0	329.9	0.1	99.9	29.3	123
23.1	107.5	12100.8	200.0	-54.7	-99.9	295.7	38.9	26.0	-14.6	339.9	329.9	0.1	99.9	35.2	122
23.8	112.7	12872.5	175.0	-58.7	-99.9	288.1	26.4	25.1	-12.6	348.6	329.9	0.1	99.9	41.1	121
24.5	118.5	13823.0	150.0	-61.4	-99.9	286.2	28.2	27.1	-8.2	364.4	329.9	0.1	99.9	47.3	119
25.2	125.7	15053.4	125.0	-63.4	-99.9	280.9	24.1	22.5	-6.6	380.3	329.9	0.1	99.9	54.5	117
25.9	132.7	16419.0	100.0	-64.2	-99.9	282.0	16.1	15.7	-3.3	403.8	329.9	0.1	99.9	61.7	115
26.6	140.3	18181.5	75.0	-64.2	-99.9	298.8	11.3	10.1	-5.1	438.3	329.9	0.1	99.9	69.0	117
27.3	148.3	20891.9	50.0	-58.4	-99.9	351.5	5.6	0.8	-5.5	508.0	329.9	0.1	99.9	79.0	117
28.0	158.0	25127.1	25.0	-50.1	-99.9	999.9	99.9	99.9	-99.9	640.6	329.9	0.1	99.9	99.8	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

9  
Y

OF POOR QUALITY

STATION NO. 247  
LONGVIEW, TEXAS  
1 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 I DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0 0	6.1	174.2	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
0 9	6.6	389.7	975.0	15.5	14.1	84.2	2.9	-2.6	-1.2	288.7	315.5	10.5	94.1	0.0	290.0
1 7	8.8	611.3	953.0	15.9	14.1	91.7	3.7	-3.7	0.1	291.1	318.3	10.5	89.9	0.0	247.0
2 5	13.3	838.8	925.0	16.9	13.8	102.4	3.6	-3.6	0.8	294.3	321.9	10.4	82.2	0.0	257.0
3 4	15.5	1071.0	900.0	15.0	13.2	100.5	2.8	-2.2	0.5	294.8	322.1	9.6	88.7	0.0	270.0
4 2	17.8	1308.9	875.0	14.0	11.6	53.2	2.7	-2.2	-1.6	296.0	321.4	9.3	85.2	0.0	268.0
5 0	20.2	1592.5	850.0	11.4	8.6	329.6	2.1	0.7	-1.8	297.1	321.9	8.3	86.5	0.0	255.0
5 8	22.6	1832.0	825.0	10.2	6.2	295.9	1.5	2.7	-1.3	298.1	320.6	7.3	82.7	0.0	248.0
6 6	25.0	2057.6	800.0	8.8	5.3	281.5	3.0	2.7	-0.8	300.5	319.6	7.0	78.6	0.0	237.0
7 4	27.5	2320.2	775.0	6.6	3.3	271.7	4.6	4.6	-0.8	300.5	319.6	7.0	78.6	0.0	218.0
8 4	30.0	2588.9	750.0	5.3	1.4	251.4	4.7	4.5	-1.5	302.3	318.2	6.3	79.9	0.0	190.0
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	0.0	131.0
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	0.0	93.0
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	0.0	75.0
12 4	40.6	3741.4	650.0	-2.7	-6.2	182.5	5.9	0.3	5.9	305.9	318.8	3.7	77.1	0.0	55.0
13 6	43.4	4051.4	625.0	-4.8	-8.1	190.8	6.4	1.2	6.2	306.9	318.8	3.3	78.0	0.0	39.0
14 6	46.3	4371.9	600.0	-6.4	-7.3	213.1	6.2	3.4	5.2	308.7	319.9	3.3	93.0	0.0	34.0
15 7	49.3	4703.9	575.0	-8.7	-9.4	226.8	4.4	2.8	3.0	310.1	319.9	2.9	93.0	0.0	36.0
16 8	52.4	5047.8	550.0	-10.5	-11.4	234.9	3.4	2.8	2.0	311.6	320.4	2.5	93.0	0.0	40.0
18 0	55.6	5404.5	525.0	-13.0	-13.8	251.4	3.0	2.8	1.0	312.8	320.5	2.2	93.0	0.0	42.0
19 1	58.1	5775.3	500.0	-15.1	-15.9	251.4	1.4	0.8	1.2	312.8	320.5	2.2	93.0	0.0	42.0
20 4	62.1	6182.4	475.0	-18.6	-17.5	134.0	3.1	-2.2	2.2	317.5	323.9	2.0	93.0	0.0	39.0
21 7	65.6	6587.7	450.0	-18.8	-20.3	153.9	4.0	-1.8	2.6	319.6	323.9	1.7	87.7	0.0	32.0
23 2	69.3	6991.4	425.0	-22.0	-25.3	193.1	5.7	1.3	5.6	320.7	325.1	1.2	76.4	0.0	28.0
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	0.0	27.0
26 4	77.0	7899.8	375.0	-29.9	-31.3	207.8	7.1	3.3	6.3	322.1	324.6	0.7	87.2	0.0	27.0
27 9	81.0	8388.1	350.0	-32.6	-35.8	207.0	5.1	5.1	6.3	322.1	324.6	0.5	73.3	0.0	27.0
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	0.0	28.0
31 7	90.0	9452.7	300.0	-42.1	-49.9	222.2	17.3	11.6	12.8	326.1	326.3	0.3	99.9	0.0	31.0
33 8	94.8	10035.2	275.0	-47.3	-59.9	226.3	16.8	12.1	11.6	326.8	326.3	0.3	99.9	0.0	33.0
36 0	99.8	10658.3	250.0	-52.6	-69.9	222.2	17.0	11.4	12.6	328.0	326.3	0.3	99.9	0.0	36.0
38 6	105.2	11331.5	225.0	-57.7	-79.9	210.8	18.0	8.2	13.7	330.1	326.3	0.3	99.9	0.0	36.0
41 1	111.0	12088.4	200.0	-61.9	-89.9	224.3	18.2	12.7	13.0	334.7	326.3	0.3	99.9	0.0	35.0
43 8	117.0	12889.6	175.0	-63.4	-98.9	216.0	13.4	17.9	10.8	334.7	326.3	0.3	99.9	0.0	37.0
47 3	123.7	13839.9	150.0	-60.6	-98.9	246.5	19.1	15.6	10.6	335.7	326.3	0.3	99.9	0.0	38.0
51 2	130.7	14948.8	125.0	-62.3	-98.9	277.7	15.8	2.1	2.1	335.7	326.3	0.3	99.9	0.0	38.0
56 7	138.2	16344.8	100.0	-62.8	-98.9	276.6	13.3	13.3	-1.5	335.7	326.3	0.3	99.9	0.0	46.0
62 7	146.2	18109.8	75.0	-64.3	-99.9	291.4	11.4	10.6	-4.2	335.7	326.3	0.3	99.9	0.0	52.0
72 3	154.7	20632.4	50.0	-58.0	-99.9	273.6	4.1	4.1	-0.3	335.7	326.3	0.3	99.9	0.0	58.0
86 6	163.3	25085.1	25.0	-51.0	-99.9	121.4	5.1	-4.3	2.6	335.7	326.3	0.3	99.9	0.0	63.0

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 \* 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 247  
LONGVIEW, TEXAS  
1 MAY 1982  
1415 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	MAX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 3	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 2	94 0	0 0	0
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 0	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 0	234
2 7	12 2	856 7	925 0	15 8	11 4	350 9	3 6	0 6	-3 6	285.4	319 9	9 2	75 1	0 0	221
3 6	13 2	1088 3	900 0	14 3	10 4	352 5	3 6	0 5	-3 6	286.3	320 0	8 9	77 3	0 0	209
4 5	17 9	1277 1	875 0	13 6	8 6	324 2	3 4	1 5	-3 1	287.4	320 7	8 7	82 2	0 0	200
5 3	20 2	1570 1	850 0	10 7	6 6	303 4	4 0	3 3	-2 2	287.4	319 7	8 3	86 6	1 0	192
6 3	22 7	1818 4	825 0	6 7	4 6	286 0	5 0	4 7	-1 5	289 1	315 5	6 5	75 9	1 1	177
7 1	25 1	2072 9	800 0	7 4	5 6	286 3	3 9	4 7	-1 2	289 7	318 6	6 9	87 9	1 2	165
8 1	27 6	2334 1	775 0	5 5	4 7	291 9	3 9	3 5	-1 0	299 1	318 6	6 9	84 7	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	0 0	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	138
13 3	41 1	3750 5	650 0	-3 2	-6 8	170 2	6 7	-1 0	6 6	305 3	317 2	4 1	88 7	0 8	117
14 5	44 0	4060 5	625 0	-4 7	-8 6	169 6	5 5	-1 0	5 5	307 1	318 0	3 8	88 9	0 6	86
15 6	47 0	4381 0	600 0	-6 5	-11 2	166 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	-13 7	231 0	3 4	2 6	2 4	310 4	320 4	3 3	92 6	0 8	54
18 1	53 1	5057 8	550 0	-10 3	-16 6	247 1	3 1	1 6	2 1	312 2	321 4	2 5	90 1	1 2	57
19 3	56 7	5415 2	525 0	-12 3	-19 1	254 8	2 2	0 0	1 6	313 6	321 4	2 1	87 3	1 7	51
20 6	59 7	5785 7	500 0	-14 9	-22 1	267 7	1 9	0 0	0 1	314 8	321 4	1 9	84 4	2 1	47
21 9	63 1	6173 1	475 0	-17 1	-25 1	287 4	1 7	0 0	0 4	316 9	322 2	1 9	80 4	2 1	41
23 3	66 7	6576 7	450 0	-19 7	-28 4	287 4	1 4	0 0	0 5	318 5	322 2	1 9	78 2	3 0	37
24 7	70 5	6999 6	425 0	-21 7	-31 3	239 4	1 4	0 0	1 2	321 2	325 0	1 2	78 1	3 7	31
26 1	74 3	7443 3	400 0	-25 1	-35 3	268 4	1 3	0 0	2 2	324 1	326 4	0 7	70 1	4 0	23
27 8	78 4	7909 3	375 0	-28 4	-37 4	268 4	1 3	0 0	2 8	324 9	326 5	0 4	61 4	4 0	16
29 4	82 7	8400 0	350 0	-32 5	-43 1	266 1	1 3	0 0	2 8	326 0	327 0	0 3	51 4	5 1	9
31 1	87 0	8917 5	325 0	-36 8	-49 9	236 9	1 3	0 0	2 8	326 5	327 0	0 3	51 4	5 1	9
33 3	91 8	9464 7	300 0	-42 5	-56 9	219 2	1 3	0 0	2 8	326 5	327 0	0 3	51 4	5 1	9
35 6	96 8	10047 1	275 0	-47 1	-64 3	207 4	1 3	0 0	2 8	326 5	327 0	0 3	51 4	5 1	9
37 6	102 0	10670 5	250 0	-53 5	-72 0	215 6	1 3	0 0	2 8	326 5	327 0	0 3	51 4	5 1	9
40 3	107 5	11343 6	225 0	-57 2	-80 9	237 0	1 3	0 0	2 8	326 5	327 0	0 3	51 4	5 1	9
42 3	113 5	12080 3	200 0	-62 0	-88 9	258 1	1 3	0 0	2 8	326 5	327 0	0 3	51 4	5 1	9
45 1	119 8	12908 1	175 0	-68 6	-98 9	235 5	1 3	0 0	2 8	326 5	327 0	0 3	51 4	5 1	9
48 3	126 3	13872 1	150 0	-76 4	-108 9	275 8	1 3	0 0	2 8	326 5	327 0	0 3	51 4	5 1	9
52 2	133 5	15012 5	125 0	-86 4	-120 9	283 6	1 3	0 0	2 8	326 5	327 0	0 3	51 4	5 1	9
56 6	141 0	16395 2	100 0	-93 0	-131 1	294 7	1 3	0 0	2 8	326 5	327 0	0 3	51 4	5 1	9
62 3	149 0	18184 0	75 0	-98 0	-140 9	266 7	1 3	0 0	2 8	326 5	327 0	0 3	51 4	5 1	9
69 7	157 3	20091 5	50 0	-97 0	-149 9	281 9	1 3	0 0	2 8	326 5	327 0	0 3	51 4	5 1	9
61 3	165 7	25128 7	25 0	-51 8	-99 9	290 4	1 3	0 0	2 8	326 5	327 0	0 3	51 4	5 1	9

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

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE MM	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	7 7	415 5	975 0	18 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	930 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	285 1	318 9	7 3	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 2	64 7	0 6	196
4 7	18 2	1333 6	875 0	12 4	5 4	299 6	5 8	5 8	-2 7	296 7	314 2	6 5	62 4	1 0	179
5 6	20 6	1578 4	850 0	11 1	3 7	276 6	5 5	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	313 1	5 5	62 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	67 1	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	315 9	5 4	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 8	2884 1	725 0	2 5	-0 9	188 1	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	0 3	-0 9	160 0	5 2	0 7	5 1	303 9	318 5	5 1	85 1	1 6	118
12 7	39 1	3459 6	675 0	-0 3	-4 3	193 3	5 9	0 6	5 9	305 3	319 4	4 3	88 9	1 5	103
13 9	42 0	3761 0	650 0	-2 6	-6 0	211 1	2 6	2 6	4 7	307 4	318 9	3 8	89 2	1 7	74
15 1	44 9	4071 7	625 0	-4 5	-7 0	236 9	5 5	5 2	3 4	309 3	320 5	3 8	91 9	2 1	69
16 3	47 9	4392 8	600 0	-7 8	-9 0	253 3	6 2	6 0	3 4	310 9	321 0	3 4	90 9	2 5	68
17 4	51 1	4725 7	575 0	-9 8	-11 3	260 5	6 3	6 2	1 0	312 4	321 4	2 9	89 5	3 0	70
18 7	54 3	5070 6	550 0	-11 8	-13 1	263 1	7 2	7 1	0 9	314 3	322 4	2 2	88 2	3 5	72
19 9	57 6	5428 7	525 0	-14 4	-15 9	265 3	7 9	7 8	0 6	315 5	322 7	2 2	88 2	4 1	76
21 3	61 0	5800 9	500 0	-17 0	-18 9	278 0	6 9	6 8	-1 4	317 0	323 0	1 5	83 9	5 1	78
22 6	64 6	6188 4	475 0	-19 9	-21 9	289 8	4 1	3 9	-0 8	319 7	323 5	1 9	80 7	5 3	80
23 4	66 0	6592 0	450 0	-22 0	-25 2	286 4	3 0	3 5	-0 4	319 7	323 5	0 6	73 7	5 6	81
25 0	75 7	7013 6	425 0	-25 0	-28 3	304 6	4 3	3 7	-2 3	322 6	326 4	0 6	60 2	6 8	85
27 0	79 6	7457 0	400 0	-28 2	-33 4	320 4	3 5	2 0	-2 9	325 2	326 3	0 2	46 1	8 0	88
28 6	84 2	7923 1	375 0	-32 3	-40 6	324 9	1 9	1 9	-0 5	325 6	326 3	0 2	46 1	8 0	88
30 2	88 6	8414 1	350 0	-36 9	-44 2	285 9	2 3	0 9	2 1	325 7	325 7	0 2	46 1	8 0	88
31 9	93 2	8932 0	325 0	-41 6	-49 9	203 5	1 9	0 9	2 1	325 7	325 7	0 2	46 1	8 0	88
33 8	98 2	9480 3	300 0	-46 5	-55 9	174 8	3 4	2 2	3 4	327 9	327 9	0 2	46 1	8 0	88
35 7	103 4	10064 2	275 0	-52 0	-63 4	149 1	2 3	0 3	3 4	327 9	327 9	0 2	46 1	8 0	88
37 5	109 0	10688 1	250 0	-58 5	-71 9	129 1	3 6	1 0	-3 4	328 8	328 8	0 2	46 1	8 0	88
41 7	114 7	11359 6	225 0	-62 1	-77 9	108 9	5 3	3 6	-3 9	334 4	334 4	0 2	46 1	8 0	88
44 3	121 0	12091 4	200 0	-68 9	-85 9	81 4	10 8	10 4	-2 6	352 7	352 7	0 2	46 1	8 0	88
47 1	127 5	13884 2	175 0	-75 7	-94 9	58 1	12 9	12 7	-2 6	369 0	369 0	0 2	46 1	8 0	88
50 6	134 5	15034 6	150 0	-81 2	-102 9	275 9	15 5	15 4	-1 6	384 2	384 2	0 2	46 1	8 0	88
54 7	142 0	16408 6	125 0	-87 9	-109 9	262 2	17 6	17 6	-4 4	404 4	404 4	0 2	46 1	8 0	88
59 9	149 7	18183 6	100 0	-90 9	-116 9	245 4	1 7	1 6	-1 7	415 4	415 4	0 2	46 1	8 0	88
66 9	157 7	20724 2	50 0	-99 9	-127 6	226 6	1 7	1 6	0 6	452 6	452 6	0 2	46 1	8 0	88
79 3	166 0	25146 2	25 0	-99 9	-131 9	199 9	1 7	1 6	0 6	502 6	502 6	0 2	46 1	8 0	88

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

ORIGINAL DATA IN  
OF POOR QUALITY

STATION NO. 247  
LONGVIEW, TEXAS  
1 MAY 1982  
2000 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	MY RIO 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	975 0	20 7	15 5	43 2	2 6	-1 8	-1 9	293 9	322 9	11 2	71 9	0 0	268
1 1	6 8	408 3	950 0	18 5	14 3	26 4	2 2	-1 0	-2 4	293 8	321 5	10 6	76 4	0 0	220
2 0	11 1	630 9	925 0	17 5	9 9	331 7	2 7	1 3	-2 4	294 9	316 5	8 1	61 2	0 0	203
3 0	13 4	858 5	900 0	16 0	8 0	294 7	4 4	4 0	-1 7	295 5	315 3	7 3	58 9	0 0	174
3 9	15 7	1091 0	875 0	14 5	6 5	287 6	4 4	5 4	-1 7	296 5	314 9	6 6	58 6	0 0	146
4 7	18 1	1328 7	850 0	13 4	5 8	287 6	8 3	7 4	-3 8	297 7	315 8	6 2	59 8	0 0	133
5 7	20 5	1572 2	825 0	11 4	4 4	287 6	8 5	8 1	-2 5	298 1	315 1	6 1	62 3	0 0	127
6 7	22 9	1821 0	800 0	9 7	3 9	274 2	8 6	8 6	-0 8	298 9	315 8	6 3	66 6	0 0	120
7 6	25 4	2076 0	775 0	7 6	2 3	264 3	8 1	8 0	0 8	299 3	316 5	6 2	76 2	0 0	114
8 6	27 9	2327 3	750 0	6 2	1 1	248 1	7 4	6 8	2 8	300 5	317 7	6 0	80 8	0 0	108
9 6	30 5	2605 6	725 0	4 5	0 3	238 1	7 3	6 2	3 8	301 5	318 3	5 9	85 4	0 0	101
10 7	33 1	2881 3	700 0	2 5	1 6	225 3	6 7	4 8	4 7	302 2	318 8	5 7	93 7	0 0	95
11 8	35 8	3165 1	675 0	1 7	0 6	220 9	6 4	4 6	4 9	304 4	320 7	5 1	92 7	0 0	89
12 9	38 6	3458 0	650 0	0 0	0 6	236 3	7 5	4 2	4 1	305 6	320 3	5 1	90 7	0 0	82
14 0	41 4	3780 1	625 0	-1 4	-2 4	246 6	8 2	8 5	3 6	307 4	321 6	4 9	85 8	0 0	76
15 0	44 3	4071 8	600 0	-3 8	-4 4	250 6	9 0	8 5	3 0	310 0	322 2	4 1	85 5	0 0	71
16 2	47 3	4393 8	575 0	-5 3	-5 9	248 8	8 2	7 5	3 4	311 4	322 4	4 1	89 6	0 0	66
17 4	50 4	4727 9	550 0	-7 3	-7 9	245 8	7 9	7 9	3 1	313 2	322 8	3 8	90 5	0 0	61
18 6	53 5	5072 9	525 0	-9 2	-10 4	259 3	8 0	7 9	1 5	314 9	323 4	3 1	91 6	0 0	56
19 8	56 8	5432 1	500 0	-11 3	-12 6	274 0	7 9	7 8	-0 6	316 0	323 4	2 4	89 6	0 0	51
21 1	60 0	5804 7	475 0	-14 0	-15 1	277 3	7 9	5 6	-1 0	317 7	323 4	1 8	79 4	0 0	46
22 4	63 6	6182 7	450 0	-16 4	-18 9	315 2	6 7	4 9	-2 7	319 5	324 3	1 5	77 6	0 0	41
24 0	67 1	6597 9	425 0	-18 9	-21 8	311 9	6 5	4 9	-4 4	320 9	325 0	1 2	79 9	0 0	36
25 4	70 9	7021 5	400 0	-21 8	-24 4	318 8	5 5	4 8	-4 2	322 0	325 6	0 8	79 6	0 0	31
27 1	74 7	7485 6	375 0	-24 7	-28 1	309 7	4 7	3 6	-3 9	318 1	326 9	0 8	69 2	0 0	26
28 8	78 7	7928 3	350 0	-27 1	-30 9	304 7	5 5	2 6	-3 5	325 9	326 8	0 1	37 8	0 0	21
30 5	82 8	8418 6	325 0	-31 6	-34 6	304 7	5 7	4 7	-3 2	326 1	326 6	0 1	37 8	0 0	16
32 5	87 3	8935 6	300 0	-36 7	-38 6	304 7	4 7	4 7	-2 6	327 6	326 6	0 1	37 8	0 0	11
34 4	91 8	9484 9	275 0	-40 8	-42 4	304 7	2 6	2 7	-2 1	328 1	326 6	0 1	37 8	0 0	6
36 4	96 8	10070 1	250 0	-48 1	-48 6	305 5	3 6	3 0	-1 2	329 1	326 6	0 1	37 8	0 0	1
38 6	101 8	10695 9	225 0	-51 8	-51 9	335 2	4 6	1 9	-0 5	331 6	326 6	0 1	37 8	0 0	0
40 9	107 3	11370 2	200 0	-56 7	-56 7	331 7	7 3	3 5	-0 5	331 6	326 6	0 1	37 8	0 0	0
43 4	113 0	12110 4	200 0	-60 1	-60 1	328 8	12 9	7 1	-0 8	331 6	326 6	0 1	37 8	0 0	0
45 1	119 0	12947 9	175 0	-67 8	-67 8	300 9	13 8	11 7	-1 0	334 5	326 6	0 1	37 8	0 0	0
49 3	125 7	13916 9	150 0	-78 0	-78 0	278 1	13 8	13 7	-2 1	368 4	326 6	0 1	37 8	0 0	0
52 9	132 5	15056 9	125 0	-81 5	-81 5	282 9	14 5	16 6	-2 3	410 5	326 6	0 1	37 8	0 0	0
57 4	139 7	16437 0	100 0	-80 7	-80 7	289 2	10 6	14 6	-3 3	456 8	326 6	0 1	37 8	0 0	0
62 8	147 3	18215 0	75 0	-81 5	-81 5	281 2	10 6	10 0	-0 5	505 9	326 6	0 1	37 8	0 0	0
70 4	155 3	20750 9	50 0	-85 5	-85 5	281 2	2 6	2 5	0 9	543 9	326 6	0 1	37 8	0 0	0
82 3	163 3	25177 9	25 0	-89 9	-89 9	999 9	99 9	99 9	99 9	641 7	999 9	99 9	99 9	99 9	999 9

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

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 247  
LONGVIEW, TEXAS  
1 MAY 1982  
2300 GMT

TIME MIN	ONTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTG GM/KG	RH PCT	RANGE KM	AZ DG
00	5 8	124.0	1005.7	23.3	13.5	360.9	4.1	0.0	-1.1	295.0	321.7	9.7	54.0	0.0	0
00	6.4	173.6	1000.0	22.0	13.1	355.1	3.5	0.3	-3.5	285.2	320.3	9.5	56.9	0.1	184
01	8.5	392.8	975.0	19.8	11.9	355.1	3.9	0.3	-3.9	285.1	319.0	9.0	60.5	0.2	181
01	9	516.3	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	13.2	844.5	925.0	16.1	11.0	349.8	5.0	-0.4	-4.9	295.8	319.7	9.0	71.5	0.6	180
3	15.5	1077.4	900.0	15.2	10.7	343.2	5.9	1.0	-5.8	297.2	315.7	9.0	56.8	0.9	179
4	17.9	1315.9	875.0	13.9	8.1	343.2	6.7	1.5	-5.9	298.4	316.7	6.8	59.4	1.2	175
5	20.3	1550.7	850.0	11.7	6.1	343.2	6.7	1.5	-5.4	298.4	317.3	6.9	68.3	1.5	173
5	22.3	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	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	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	30.4	2594.8	750.0	5.2	1.3	280.2	6.6	8.5	-1.2	302.2	317.9	5.6	75.8	2.4	159
9	33.0	2871.0	725.0	3.2	0.2	285.2	8.6	8.5	0.7	303.0	318.1	5.4	80.3	2.6	140
9	35.7	3155.2	700.0	1.4	-0.0	259.9	9.2	9.1	1.6	304.0	318.5	5.5	80.3	2.8	140
10	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
11	41.3	3749.8	650.0	-1.1	-2.5	266.8	6.7	6.7	0.4	307.7	321.9	4.9	90.3	3.4	125
12	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
13	47.1	4384.3	600.0	-5.0	-8.3	295.7	4.3	3.9	-1.9	310.4	322.0	4.0	90.4	4.0	121
14	50.3	4717.8	575.0	-7.4	-10.4	300.8	4.6	4.1	-2.4	311.4	322.0	3.5	92.4	4.3	121
15	53.4	5083.2	550.0	-9.6	-13.6	304.9	5.8	4.6	-3.2	312.8	322.3	3.1	93.3	4.4	121
16	56.7	5421.4	525.0	-11.6	-16.3	318.3	7.1	4.3	-4.3	314.5	322.4	2.6	95.1	4.5	122
17	60.0	5784.8	500.0	-13.3	-19.5	327.7	8.8	1.5	-5.7	316.8	323.3	1.9	97.6	4.7	124
18	63.6	6183.0	475.0	-16.7	-25.4	317.7	9.0	1.1	-6.5	317.3	323.8	1.7	98.1	4.8	125
19	67.1	6587.9	450.0	-18.7	-31.4	311.2	8.6	6.4	-8.7	318.7	323.3	1.1	95.6	5.1	125
20	70.8	7012.2	425.0	-21.0	-37.2	303.4	8.6	6.4	-5.6	322.0	323.3	0.7	87.7	5.5	125
21	74.7	7457.1	400.0	-24.3	-43.4	302.5	9.5	7.9	-5.2	323.4	325.2	0.5	84.4	5.8	128
22	78.8	7923.7	375.0	-28.3	-49.1	291.9	7.2	7.4	-4.7	324.7	325.6	0.4	84.4	6.4	127
23	83.0	8413.8	350.0	-32.6	-55.5	277.9	7.2	6.7	-2.7	324.7	325.9	0.3	44.8	10.9	126
24	87.5	8931.6	325.0	-36.8	-61.1	277.9	7.9	7.8	-1.0	326.3	326.9	0.2	31.1	11.6	124
25	92.2	9480.7	300.0	-41.4	-67.5	283.9	6.0	5.8	-1.4	327.0	326.9	0.2	99.9	11.6	123
26	97.2	10065.2	275.0	-46.1	-73.9	318.8	6.5	4.5	-4.7	328.4	326.9	0.2	99.9	12.3	123
27	102.4	10692.2	250.0	-51.3	-80.9	321.5	7.0	7.0	-8.7	329.8	326.9	0.2	99.9	13.3	124
28	107.8	11368.6	225.0	-56.6	-87.9	314.6	18.3	11.6	-11.4	331.8	326.9	0.2	99.9	15.2	126
29	113.7	12107.2	200.0	-61.1	-94.9	316.6	17.9	12.3	-13.0	336.0	326.9	0.2	99.9	17.9	127
30	119.7	12935.2	175.0	-65.1	-101.9	301.6	16.5	14.1	-13.0	350.7	326.9	0.2	99.9	20.6	128
31	126.7	13897.3	150.0	-69.8	-108.9	291.8	19.9	18.5	-7.4	367.1	326.9	0.2	99.9	24.3	128
32	133.7	14913.6	125.0	-74.5	-115.9	286.1	18.7	18.0	-5.2	383.6	326.9	0.2	99.9	28.3	123
33	141.0	16119.8	100.0	-81.6	-122.9	286.1	15.5	14.9	-4.3	406.8	326.9	0.2	99.9	33.4	121
34	149.0	17489.8	75.0	-92.1	-130.9	291.4	9.5	8.9	-3.5	441.6	326.9	0.2	99.9	37.3	119
35	157.0	20715.3	50.0	-99.9	-138.9	291.4	3.6	-0.5	-3.6	504.3	326.9	0.2	99.9	39.2	119
36	165.3	25169.3	25.0	-105.8	-146.9	999.9	99.9	99.9	-99.9	638.9	326.9	0.2	99.9	38.1	123

\* 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 PRINTING  
OF POOR QUALITY

STATION NO. 247  
LONGVIEW, TEXAS  
2 MAY 200 GMT 1962

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG K	E POT 1 DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
00	0	124	1005	19.4	14.2	40	0	-1.3	-1.6	292	318	10.2	72	0	0
02	7	174	1000	20.2	14.4	99	0	99	99	293	320	10.4	99	9	999
09	10	393	975	19.5	14.5	99	9	99	99	294	322	10.7	67	9	999
17	12	616	950	17.5	13.1	99	9	99	99	294	321	10.1	75	9	999
24	15	844	925	15.5	12.0	99	9	99	99	295	320	9.8	79	8	999
32	18	1076	900	13.2	11.9	99	9	99	99	295	321	9.8	90	8	999
40	20	1313	875	12.0	11.9	99	9	99	99	297	315	9.5	59	8	999
48	23	1557	850	12.0	11.9	335	2	1.6	-3.5	298	315	9.5	60	0	0
56	26	1806	825	10.3	11.9	332	2	1.6	-3.5	298	315	9.5	60	2	210
65	29	2082	800	8.5	11.9	314	4	3.2	-2.9	300	315	9.5	60	0	1200
74	32	2324	775	6.4	11.4	314	4	4.3	-4.2	300	316	9.5	60	0	1198
83	34	2592	750	4.2	11.3	319	6	4.6	-5.4	301	318	9.5	60	0	1188
92	37	2868	725	2.4	11.3	317	9	5.1	-5.4	302	318	9.5	60	0	1170
101	40	3151	700	0	11.3	310	0	5.1	-5.4	303	319	9.5	60	0	1164
110	43	3443	675	0	11.3	317	9	5.1	-5.4	304	319	9.5	60	0	1158
121	46	3746	650	0	11.3	299	3	4.8	-2.7	304	319	9.5	60	0	1152
132	49	4055	625	0	11.3	302	6	4.7	-2.7	306	320	9.5	60	0	1152
143	52	4377	600	0	11.3	328	9	4.6	-2.7	308	320	9.5	60	0	1152
154	55	4711	575	0	11.3	325	5	3.9	-2.7	310	321	9.5	60	0	1152
165	58	5056	550	0	11.3	325	5	3.9	-2.7	311	321	9.5	60	0	1152
176	61	5415	525	0	11.3	325	5	3.9	-2.7	312	321	9.5	60	0	1152
188	64	5789	500	0	11.3	326	1	3.0	-2.7	315	322	9.5	60	0	1152
201	67	6177	475	0	11.3	337	9	2.5	-2.7	316	322	9.5	60	0	1152
214	70	6582	450	0	11.3	321	5	2.5	-2.7	317	322	9.5	60	0	1152
228	73	7005	425	0	11.3	306	0	2.5	-2.7	319	322	9.5	60	0	1152
243	76	7448	400	0	11.3	293	9	2.5	-2.7	320	323	9.5	60	0	1152
258	79	7913	375	0	11.3	283	0	2.5	-2.7	321	323	9.5	60	0	1152
274	82	8401	350	0	11.3	283	0	2.5	-2.7	323	324	9.5	60	0	1152
291	85	8921	325	0	11.3	283	0	2.5	-2.7	324	324	9.5	60	0	1152
308	88	9488	300	0	11.3	283	0	2.5	-2.7	325	325	9.5	60	0	1152
326	91	10051	275	0	11.3	283	0	2.5	-2.7	326	325	9.5	60	0	1152
345	94	10675	250	0	11.3	283	0	2.5	-2.7	327	325	9.5	60	0	1152
365	97	11349	225	0	11.3	283	0	2.5	-2.7	327	325	9.5	60	0	1152
387	100	12086	200	0	11.3	283	0	2.5	-2.7	328	325	9.5	60	0	1152
411	103	12810	175	0	11.3	283	0	2.5	-2.7	328	325	9.5	60	0	1152
437	106	13607	150	0	11.3	283	0	2.5	-2.7	328	325	9.5	60	0	1152
464	109	14495	125	0	11.3	283	0	2.5	-2.7	328	325	9.5	60	0	1152
492	112	15400	100	0	11.3	283	0	2.5	-2.7	328	325	9.5	60	0	1152
521	115	16300	75	0	11.3	283	0	2.5	-2.7	328	325	9.5	60	0	1152
550	118	17300	50	0	11.3	283	0	2.5	-2.7	328	325	9.5	60	0	1152
580	121	18300	25	0	11.3	283	0	2.5	-2.7	328	325	9.5	60	0	1152
610	124	19300	0	0	11.3	283	0	2.5	-2.7	328	325	9.5	60	0	1152

\* BY SPEED MEANS ELEVATION 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  
2 MAY 1982  
500 GMT

TIME MIN	CRCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/MG	RH PCT	RANGE KM	AZ DG
0 0	0 0	124.0	1007.3	18.3	14.8	40.0	2.8	-1.7	-2.0	290.9	318.2	10.6	80.0	0.0	0.0
0 2	0 0	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	250.0
1 0	0 0	404.6	975.0	17.3	15.4	80.3	7.0	-6.9	-1.2	293.6	322.6	11.7	85.3	0.4	223.0
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	230.0
2 3	13.4	855.1	925.0	15.8	12.1	61.2	2.5	-2.2	-1.2	295.4	321.0	9.7	78.1	0.8	234.0
3 5	15.0	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	234.0
4 5	18.2	1325.2	875.0	13.2	5.9	34.1	1.8	-1.0	-1.1	297.5	313.7	6.4	61.0	1.1	230.0
5 4	20.6	1568.7	850.0	11.8	4.8	1.6	0.3	-0.3	-1.6	298.6	316.0	6.1	61.9	1.1	228.0
6 3	23.0	1817.9	825.0	10.2	3.7	349.6	1.6	0.7	-4.8	299.7	315.8	5.2	64.0	1.2	223.0
7 2	25.4	2073.2	800.0	8.8	2.3	335.4	2.9	2.0	-2.8	300.9	315.6	5.2	65.9	1.4	212.0
8 3	28.0	2334.7	775.0	6.8	0.7	327.1	5.7	2.9	-4.9	301.9	315.6	5.0	70.3	1.6	202.0
9 3	30.8	2603.3	750.0	4.8	0.3	328.2	5.2	2.9	-3.2	302.4	319.3	6.7	94.5	1.9	185.0
10 3	33.2	2876.9	725.0	2.5	1.4	308.2	5.3	4.6	-3.6	303.4	318.2	5.0	96.7	2.1	175.0
11 2	35.9	3182.2	700.0	0.8	-1.9	301.4	5.7	4.8	-3.0	304.1	318.2	5.0	96.7	2.1	168.0
12 4	38.8	3453.9	675.0	-1.4	-3.7	302.3	5.3	4.5	-2.9	305.4	318.3	4.9	96.0	2.2	163.0
13 4	41.5	3754.0	650.0	-3.2	-6.0	302.3	4.8	4.0	-4.5	309.0	317.8	2.9	88.0	2.6	158.0
14 4	44.5	4064.3	625.0	-4.4	-10.2	331.7	5.1	3.5	-3.3	312.4	319.6	2.0	86.3	3.2	157.0
15 0	47.4	4385.1	600.0	-6.1	-13.2	331.7	4.9	2.7	-4.2	314.3	319.6	1.6	82.3	3.6	155.0
16 3	50.5	5061.7	550.0	-9.6	-18.1	328.5	4.9	2.2	-4.8	317.4	318.8	1.1	59.1	4.4	154.0
17 0	53.9	5419.5	525.0	-11.8	-19.4	331.2	5.5	3.5	-5.1	318.8	322.4	1.1	59.1	5.3	151.0
18 3	56.9	5792.2	500.0	-13.8	-21.7	325.6	7.6	4.7	-6.7	319.5	322.5	0.9	53.4	6.2	149.0
19 1	60.3	6180.2	475.0	-16.8	-25.4	321.7	6.1	6.1	-8.0	321.2	322.5	0.6	43.4	7.2	146.0
21 0	67.3	6584.6	450.0	-19.4	-28.0	317.7	8.1	8.0	-9.6	322.6	324.0	0.4	35.7	8.7	144.0
22 1	67.3	6988.6	425.0	-23.0	-32.6	310.6	10.6	9.7	-10.6	323.9	325.5	0.1	18.2	10.9	141.0
24 1	71.1	7008.6	400.0	-26.0	-37.9	308.2	12.4	9.7	-12.4	325.2	325.5	0.1	18.2	12.6	138.0
25 7	75.0	7447.9	400.0	-29.5	-43.2	303.5	11.6	9.7	-13.7	326.7	325.5	0.1	18.2	14.9	135.0
27 3	79.0	7912.1	375.0	-33.3	-52.7	298.9	12.9	11.3	-16.2	329.4	325.5	0.1	18.2	16.3	131.0
29 0	83.3	8401.1	350.0	-37.4	-59.9	296.1	15.3	14.1	-18.2	332.5	325.5	0.1	18.2	17.9	129.0
31 0	87.6	8817.4	325.0	-42.1	-66.8	294.8	15.5	16.2	-21.0	335.7	325.5	0.1	18.2	19.4	126.0
32 9	92.2	9484.2	300.0	-47.3	-73.7	291.6	17.3	18.2	-24.0	343.7	325.5	0.1	18.2	21.4	124.0
37 1	102.4	10670.5	275.0	-51.6	-80.8	283.0	22.5	21.0	-28.1	363.7	325.5	0.1	18.2	26.7	124.0
39 5	107.8	11347.5	225.0	-56.7	-88.9	281.6	24.0	19.1	-32.5	382.5	325.5	0.1	18.2	31.0	123.0
42 7	113.5	12088.5	200.0	-62.1	-98.8	285.5	21.2	17.5	-36.6	402.1	325.5	0.1	18.2	35.8	121.0
44 7	119.5	12818.8	175.0	-67.1	-108.8	285.5	19.5	16.0	-40.2	439.6	325.5	0.1	18.2	40.5	121.0
51 0	133.0	15003.3	125.0	-82.1	-137.9	280.9	17.1	15.0	-45.9	502.7	325.5	0.1	18.2	46.5	122.0
54 9	140.0	16389.3	100.0	-85.0	-147.7	285.0	9.5	2.4	-49.9	631.4	325.5	0.1	18.2	46.5	122.0
59 1	147.7	18177.9	75.0	-63.6	-99.9	219.0	3.8	9.9	-2.9	99.9	99.9	99.9	99.9	99.9	99.9
64 4	153.3	20634.1	50.0	-59.8	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
72 0	155.3	25037.7	25.0	-53.4	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

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

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO	247	159	24	0									
LONGVIEW, TEXAS													
2 MAY 1982													
1100 GMT													
0 0	1006 3	17 2	16 2	40 0	2 1	-1 3	-1 0	289 8	319 6	11 6	94 0	0 0	0 0
0 2	1000 0	16 5	16 2	73 8	4 2	-4 1	-0 0	280 1	319 9	11 7	95 3	0 1	285
1 0	975 0	17 0	16 1	89 4	4 6	-4 6	-0 0	282 3	323 0	11 9	94 3	0 3	261
1 7	950 0	16 5	14 7	58 1	3 5	-2 9	-2 0	284 9	320 5	11 2	90 0	0 5	249
2 8	925 0	15 3	12 2	23 6	3 1	-1 3	-2 9	285 7	320 5	9 7	81 7	0 7	240
3 5	900 0	13 7	11 1	10 4	2 6	-0 5	-3 1	287 1	315 6	8 3	84 2	0 6	233
4 3	875 0	12 8	11 2	359 2	3 1	0 0	-3 1	287 9	315 6	6 8	83 8	0 9	221
5 3	850 0	11 2	5 1	342 7	4 5	1 3	-5 0	288 9	315 9	6 5	86 2	0 1	208
6 1	825 0	9 8	3 9	323 2	5 7	3 6	-4 9	300 3	318 7	5 9	87 2	1 3	196
7 0	800 0	8 6	2 9	317 0	6 1	3 6	-4 5	300 9	317 6	6 0	75 9	1 5	185
7 8	775 0	6 6	2 7	314 8	6 4	4 2	-4 5	302 0	320 6	6 7	91 4	1 7	176
8 6	750 0	5 0	3 7	318 5	6 9	4 5	-5 3	303 1	320 8	6 3	94 3	2 1	169
9 4	725 0	3 3	2 5	316 2	6 8	4 7	-4 9	304 4	318 5	5 0	80 0	2 4	164
10 0	700 0	1 7	-1 4	311 9	6 8	4 7	-4 9	304 8	317 8	4 6	87 7	2 6	159
10 9	675 0	0 0	-2 8	312 5	7 3	5 7	-5 3	306 1	317 4	4 3	96 3	3 3	155
12 0	650 0	-3 7	-4 2	315 6	7 8	5 4	-4 6	308 7	315 3	3 9	95 8	3 7	152
13 0	625 0	-5 6	-6 1	310 6	7 1	6 1	-4 6	310 4	319 0	2 2	95 3	4 2	147
14 2	600 0	-6 4	-13 9	295 4	6 3	7 5	-3 6	313 9	319 0	1 6	94 5	4 5	143
15 4	575 0	-8 2	-17 6	284 7	6 4	6 2	-2 4	316 2	319 0	0 8	84 5	5 5	140
16 5	550 0	-8 6	-18 5	305 2	4 2	3 4	-3 3	317 8	319 8	0 3	71 7	6 0	143
17 7	525 0	-10 2	-27 0	351 8	3 3	0 5	-4 4	318 9	319 8	0 2	64 0	7 9	145
18 0	500 0	-12 5	-35 1	354 3	4 5	2 3	-4 9	319 7	320 4	0 1	50 1	8 4	144
20 4	475 0	-16 1	-40 1	335 1	5 4	4 2	-6 9	320 4	321 0	0 1	40 1	9 2	145
21 8	450 0	-19 4	-42 7	326 6	8 1	6 2	-9 3	320 4	322 3	0 1	30 1	10 7	144
23 3	425 0	-22 6	-45 2	305 9	13 5	10 9	-7 9	321 9	322 7	0 1	24 7	12 3	141
24 8	400 0	-26 6	-48 1	301 1	14 6	12 5	-9 0	322 4	323 3	0 1	13 8	14 3	139
26 5	375 0	-30 0	-52 4	308 2	14 5	11 4	-9 2	324 9	325 1	0 1	99 9	16 3	137
28 2	350 0	-34 4	-55 2	303 5	16 7	13 9	-9 4	326 7	325 9	0 1	99 9	18 9	135
30 0	325 0	-37 6	-58 9	302 6	17 4	14 7	-9 4	328 0	326 9	0 1	99 9	21 9	134
31 0	300 0	-41 6	-61 9	305 5	16 9	13 8	-8 8	331 0	327 7	0 1	99 9	25 9	132
32 4	275 0	-46 4	-65 9	303 6	20 4	17 0	-11 2	335 3	328 8	0 1	99 9	30 9	131
33 8	250 0	-50 5	-69 9	298 8	23 5	20 4	-10 5	338 8	329 9	0 1	99 9	35 9	129
35 5	225 0	-54 3	-74 4	296 6	23 4	23 0	-10 8	347 7	330 9	0 1	99 9	40 9	127
37 0	200 0	-59 4	-78 9	295 2	25 4	23 0	-10 3	365 0	331 9	0 1	99 9	45 9	125
38 8	175 0	-61 0	-81 0	296 3	23 3	20 8	-10 3	380 4	332 0	0 1	99 9	50 9	123
41 4	150 0	-63 3	-83 9	294 3	18 7	16 7	-7 5	407 6	333 9	0 1	99 9	55 9	122
44 0	125 0	-65 0	-85 9	313 0	10 7	14 3	-4 2	441 5	334 9	0 1	99 9	60 9	120
47 7	100 0	-67 2	-87 7	346 2	14 3	1 0	-1 0	504 7	335 9	0 1	99 9	65 9	118
51 4	75 0	-69 2	-89 9	999 9	99 9	99 9	99 9	637 7	336 9	0 1	99 9	70 9	116
55 5	50 0	-71 3	-91 9										
59 8	25 0	-73 7	-93 9										
64 0		-75 0											
68 8		-77 5											
75 1		-79 9											
80 1		-82 3											
85 7		-84 7											
91 4		-87 1											
97 1		-89 5											
103 0		-91 9											
109 0		-94 3											
115 0		-96 7											
121 0		-99 1											
127 0		-101 5											
133 0		-103 9											
139 0		-106 3											
145 0		-108 7											
151 0		-111 1											
157 0		-113 5											
163 0		-115 9											
169 0		-118 3											
175 0		-120 7											
181 0		-123 1											
187 0		-125 5											
193 0		-127 9											
199 0		-130 3											
205 0		-132 7											
211 0		-135 1											
217 0		-137 5											
223 0		-140 0											
229 0		-142 4											
235 0		-144 8											
241 0		-147 3											
247 0		-149 7											
253 0		-152 1											
259 0		-154 6											
265 0		-157 0											
271 0		-159 4											
277 0		-161 9											
283 0		-164 3											
289 0		-166 8											
295 0		-169 2											
301 0		-171 7											
307 0		-174 1											
313 0		-176 6											
319 0		-179 0											
325 0		-181 5											
331 0		-183 9											
337 0		-186 4											
343 0		-188 8											
349 0		-191 3											
355 0		-193 7											
361 0		-196 2											
367 0		-198 6											
373 0		-201 1											
379 0		-203 5											
385 0		-206 0											
391 0		-208 4											
397 0		-210 9											
403 0		-213 3											
409 0		-215 8											
415 0		-218 2											
421 0		-220 7											
427 0		-223 1											
433 0		-225 6											
439 0		-228 0											
445 0		-230 5											
451 0		-232 9											
457 0		-235 4											
463 0		-237 8											
469 0		-240 3											
475 0		-242 7											
481 0		-245 2											

ORIGINAL PAGE 19  
OF POOR QUALITY

STATION NO 255  
VICTORIA, TEXAS  
1 MAY 1962  
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 Y DG K	MX RTO GM/AG	RH PCT	RANGE NM	AZ DG
00	47	33.0	1013.0	18.9	17.2	40 0	2.1	-1.3	-1.6	290.9	322.5	12.3	90.0	0 0	0 0
04	56	151.3	1000.0	19.2	16.7	60.1	6.1	-6.0	-1.4	292.4	327.7	13.8	97.1	0 2	232
11	79	389.7	975.0	18.7	16.2	102.1	7.6	-7.6	-1.6	294.2	329.3	13.7	97.0	0 4	255
18	101	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
26	123	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
34	145	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	284
42	168	1292.6	875.0	13.6	11.4	103.4	4.5	-4.3	1.5	297.9	324.0	9.8	86.7	1 4	284
50	192	1538.7	850.0	12.6	11.9	116.3	4.3	-5.6	2.2	299.4	310.5	3.3	38.1	1 6	284
58	216	1787.0	825.0	11.7	-4.7	131.5	4.3	-5.5	5.6	301.0	310.4	3.3	31.4	1 8	288
66	240	2043.1	800.0	10.6	-15.3	131.5	6.0	-5.7	6.4	301.8	306.2	1.4	15.1	2 0	293
74	264	2308.2	775.0	8.6	-13.1	131.4	9.6	-7.2	6.4	303.0	308.5	1.8	20.4	2 2	296
82	288	2573.9	750.0	6.2	-10.9	137.0	10.0	-6.6	7.3	303.3	309.9	2.2	28.2	2 4	300
90	312	2839.6	725.0	4.2	-7.5	139.6	9.3	-6.0	7.1	304.1	313.0	3.9	42.7	2 6	302
98	336	3105.3	700.0	2.0	-4.6	144.7	9.1	-5.2	7.4	304.7	313.0	3.9	61.2	2 8	304
106	360	3371.0	675.0	0.3	-1.9	161.5	8.3	-2.8	7.9	306.0	315.4	3.2	54.7	3 0	307
114	384	3636.7	650.0	-1.6	-1.9	180.0	5.7	-0.0	5.7	307.2	322.0	5.1	98.1	3 2	311
122	408	3902.4	625.0	-3.2	-4.4	223.9	2.8	1.9	2.1	308.6	321.8	4.4	82.1	3 4	313
130	432	4168.1	600.0	-4.8	-7.3	263.9	1.9	3.1	0.3	310.6	321.8	3.7	91.3	3 6	315
138	456	4433.8	575.0	-6.4	-13.8	259.1	4.0	3.9	0.5	311.7	321.6	3.5	93.1	3 8	317
146	480	4700.2	550.0	-8.0	-13.8	259.1	5.8	5.6	0.1	313.7	321.1	2.4	97.1	4 0	320
154	504	4966.3	525.0	-9.6	-17.0	263.3	8.3	8.1	-0.4	314.5	320.5	1.9	63.8	4 2	324
162	528	5232.4	500.0	-11.2	-16.0	263.3	9.1	9.0	-0.5	317.9	320.8	0.6	71.9	4 4	328
170	552	5498.5	475.0	-12.8	-31.1	268.3	12.5	12.5	0.3	317.9	320.7	0.3	27.3	4 6	332
178	576	5764.6	450.0	-14.4	-31.1	268.3	16.2	16.2	0.3	320.6	320.7	0.3	14.2	4 8	336
186	600	6030.7	425.0	-16.0	-38.7	272.5	17.1	17.0	0.3	322.3	321.7	0.2	12.3	5 0	340
194	624	6296.8	400.0	-17.6	-42.4	276.5	18.9	18.9	-1.9	322.3	323.1	0.2	12.3	5 2	344
202	648	6562.9	375.0	-19.2	-47.8	273.4	22.2	22.2	-0.6	322.8	323.4	0.2	13.5	5 4	348
210	672	6829.0	350.0	-20.8	-47.8	273.4	24.1	24.1	-1.3	323.8	324.3	0.1	13.5	5 6	352
218	696	7095.1	325.0	-22.4	-51.2	273.8	27.7	27.7	-1.5	324.4	324.8	0.1	13.9	5 8	356
226	720	7361.2	300.0	-24.0	-54.2	283.6	27.7	27.5	-1.5	325.3	325.6	0.1	15.1	6 0	360
234	744	7627.3	275.0	-25.6	-54.2	283.6	29.0	28.1	-1.5	326.1	325.6	0.1	15.1	6 2	364
242	768	7893.4	250.0	-27.2	-59.9	255.4	29.0	27.0	-1.5	326.1	325.6	0.1	15.1	6 4	368
250	792	8159.5	225.0	-28.8	-59.9	255.4	27.8	27.0	-1.5	326.1	325.6	0.1	15.1	6 6	372
258	816	8425.6	200.0	-30.4	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	6 8	376
266	840	8691.7	175.0	-32.0	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	7 0	380
274	864	8957.8	150.0	-33.6	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	7 2	384
282	888	9223.9	125.0	-35.2	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	7 4	388
290	912	9490.0	100.0	-36.8	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	7 6	392
298	936	9756.1	75.0	-38.4	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	7 8	396
306	960	10022.2	50.0	-40.0	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	8 0	400
314	984	10288.3	25.0	-41.6	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	8 2	404
322	1008	10554.4	0.0	-43.2	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	8 4	408
330	1032	10820.5	0.0	-44.8	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	8 6	412
338	1056	11086.6	0.0	-46.4	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	8 8	416
346	1080	11352.7	0.0	-48.0	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	9 0	420
354	1104	11618.8	0.0	-49.6	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	9 2	424
362	1128	11884.9	0.0	-51.2	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	9 4	428
370	1152	12151.0	0.0	-52.8	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	9 6	432
378	1176	12417.1	0.0	-54.4	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	9 8	436
386	1200	12683.2	0.0	-56.0	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	10 0	440
394	1224	12949.3	0.0	-57.6	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	10 2	444
402	1248	13215.4	0.0	-59.2	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	10 4	448
410	1272	13481.5	0.0	-60.8	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	10 6	452
418	1296	13747.6	0.0	-62.4	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	10 8	456
426	1320	14013.7	0.0	-64.0	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	11 0	460
434	1344	14279.8	0.0	-65.6	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	11 2	464
442	1368	14545.9	0.0	-67.2	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	11 4	468
450	1392	14812.0	0.0	-68.8	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	11 6	472
458	1416	15078.1	0.0	-70.4	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	11 8	476
466	1440	15344.2	0.0	-72.0	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	12 0	480
474	1464	15610.3	0.0	-73.6	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	12 2	484
482	1488	15876.4	0.0	-75.2	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	12 4	488
490	1512	16142.5	0.0	-76.8	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	12 6	492
498	1536	16408.6	0.0	-78.4	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	12 8	496
506	1560	16674.7	0.0	-80.0	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	13 0	500
514	1584	16940.8	0.0	-81.6	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	13 2	504
522	1608	17206.9	0.0	-83.2	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	13 4	508
530	1632	17473.0	0.0	-84.8	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	13 6	512
538	1656	17739.1	0.0	-86.4	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	13 8	516
546	1680	18005.2	0.0	-88.0	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	14 0	520
554	1704	18271.3	0.0	-89.6	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	14 2	524
562	1728	18537.4	0.0	-91.2	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	14 4	528
570	1752	18803.5	0.0	-92.8	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	14 6	532
578	1776	19069.6	0.0	-94.4	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	14 8	536
586	1800	19335.7	0.0	-96.0	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	15 0	540
594	1824	19601.8	0.0	-97.6	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	15 2	544
602	1848	19867.9	0.0	-99.2	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	15 4	548
610	1872	20134.0	0.0	-100.8	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	15 6	552
618	1896	20400.1	0.0	-102.4	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	15 8	556
626	1920	20666.2	0.0	-104.0	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	16 0	560
634	1944	20932.3	0.0	-105.6	-59.9	246.3	27.8	25.4	-1.5	326.1	325.6	0.1	15.1	16 2	564
642															



STATION NO. 255  
OF POOR QUALITY

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/AG	RH PCT	RANGE KM	AZ DC
0 0	7 2	33.0	1015.8	21.4	18.5	45 0	3 6	-2 5	-2 5	293 2	329 8	14 2	89 0	0 0	0
0 5	7 5	109.0	1000.0	19.7	16.7	85 2	5 8	-5 9	-0 5	292 9	328 2	13 8	93 9	0 0	238
1 0	8 0	387.8	975.0	19.3	16.3	100 3	5 4	-5 3	0 0	294 5	331 1	14 1	90 7	0 4	257
1 5	8 5	611.6	950.0	17.8	14.9	114 9	4 4	1 0	1 0	295 3	328 3	12 7	92 6	0 7	269
2 0	9 0	840.0	925.0	16.3	13.9	118 9	3 5	-3 1	1 8	296 0	324 6	10 9	85 7	0 8	275
2 5	9 5	1073.2	900.0	15.5	12.2	118 9	4 5	-4 2	2 4	297 5	319 6	8 2	86 2	1 0	284
3 0	10 0	1312.0	875.0	14.5	11.3	117 9	7 2	-6 2	3 3	298 9	314 4	5 6	47 1	1 3	284
3 5	10 5	1556.7	850.0	13.8	10.4	114 9	7 2	-5 9	4 1	300 4	314 3	5 0	43 1	1 7	287
4 0	11 0	1807.5	825.0	11.8	8.2	122 0	8 2	-8 1	5 8	301 1	318 4	6 1	43 3	2 1	292
4 5	11 5	2064.0	800.0	9.8	6.2	128 6	8 9	-7 3	5 2	301 3	318 4	6 1	65 4	2 5	296
5 0	12 0	2327.1	775.0	8.0	4.8	135 5	8 9	-7 3	5 2	302 4	318 3	5 6	64 7	3 1	299
5 5	12 5	2597.1	750.0	6.3	3.2	142 6	8 6	-7 4	5 2	303 4	317 7	4 8	68 6	3 6	299
6 0	13 0	2874.4	725.0	4.2	1.5	148 6	8 6	-7 4	5 2	304 9	317 6	4 8	68 5	4 0	301
6 5	13 5	3159.0	700.0	2.2	-1.9	155 3	8 3	-5 9	5 9	304 9	320 5	4 4	85 9	5 0	302
7 0	14 0	3452.1	675.0	0.2	-3.0	162 3	8 7	-3 8	5 5	306 6	320 5	4 4	85 9	5 4	304
7 5	14 5	3754.0	650.0	-2.1	-4.2	167 3	8 6	-1 5	3 5	306 6	321 6	4 5	94 6	5 5	305
8 0	15 0	4065.5	625.0	-4.8	-7.1	170 3	1 1	0 8	0 7	308 5	321 7	3 7	83 8	5 4	305
8 5	15 5	4388.4	600.0	-8.7	-11.0	170 3	1 5	1 4	-0 5	310 6	322 3	3 4	84 0	5 2	306
9 0	16 0	4722.4	575.0	-14.9	-16.9	170 3	4 1	3 5	-2 2	312 1	322 3	2 2	60 2	4 8	306
9 5	16 5	5068.8	550.0	-18.2	-20.4	170 3	5 3	4 8	-2 2	313 9	320 9	1 6	48 8	4 5	306
10 0	17 0	5428.3	525.0	-24.1	-26.8	170 3	8 4	8 4	-4 1	318 2	321 8	1 1	38 0	3 9	308
10 5	17 5	5803.0	500.0	-32.8	-33.8	170 3	12 6	11 9	-4 7	319 2	322 5	0 9	38 0	3 0	312
11 0	18 0	6183.2	475.0	-44.0	-44.0	170 3	15 2	14 2	-5 4	320 8	322 5	0 5	23 4	1 7	331
11 5	18 5	6588.6	450.0	-57.0	-57.0	170 3	17 6	16 7	-5 4	323 7	325 0	0 5	21 0	1 2	333
12 0	19 0	7025.1	425.0	-70.0	-70.0	170 3	20 2	18 7	-4 4	324 7	325 6	0 5	14 4	0 7	333
12 5	19 5	7476.6	400.0	-82.0	-82.0	170 3	22 8	20 6	-2 5	324 7	326 3	0 4	11 5	0 6	333
13 0	20 0	7937.9	375.0	-94.0	-94.0	170 3	25 4	22 5	-0 5	327 1	327 6	0 2	8 9	0 5	333
13 5	20 5	8428.6	350.0	-106.0	-106.0	170 3	28 0	24 4	1 3	327 6	327 6	0 2	6 5	0 4	333
14 0	21 0	8947.5	325.0	-118.0	-118.0	170 3	30 6	25 3	2 1	327 6	327 6	0 2	5 9	0 3	333
14 5	21 5	9487.5	300.0	-130.0	-130.0	170 3	33 2	25 3	2 1	327 6	327 6	0 2	5 9	0 3	333
15 0	22 0	10063.4	275.0	-142.0	-142.0	170 3	35 8	25 8	2 1	329 1	329 9	0 2	5 9	0 3	333
15 5	22 5	10714.1	250.0	-154.0	-154.0	170 3	38 4	25 8	2 1	335 1	329 9	0 2	5 9	0 3	333
16 0	23 0	11402.1	225.0	-166.0	-166.0	170 3	41 0	25 8	2 1	337 3	329 9	0 2	5 9	0 3	333
16 5	23 5	12155.1	200.0	-178.0	-178.0	170 3	43 6	25 8	2 1	344 5	329 9	0 2	5 9	0 3	333
17 0	24 0	12904.2	175.0	-190.0	-190.0	170 3	46 2	25 8	2 1	351 7	329 9	0 2	5 9	0 3	333
17 5	24 5	13664.2	150.0	-202.0	-202.0	170 3	48 8	25 8	2 1	358 9	329 9	0 2	5 9	0 3	333
18 0	25 0	14437.3	125.0	-214.0	-214.0	170 3	51 4	25 8	2 1	366 1	329 9	0 2	5 9	0 3	333
18 5	25 5	15210.4	100.0	-226.0	-226.0	170 3	54 0	25 8	2 1	373 3	329 9	0 2	5 9	0 3	333
19 0	26 0	16077.3	75.0	-238.0	-238.0	170 3	56 6	25 8	2 1	380 5	329 9	0 2	5 9	0 3	333
19 5	26 5	17040.3	50.0	-250.0	-250.0	170 3	59 2	25 8	2 1	387 7	329 9	0 2	5 9	0 3	333
20 0	27 0	18100.3	25.0	-262.0	-262.0	170 3	61 8	25 8	2 1	394 9	329 9	0 2	5 9	0 3	333
20 5	27 5	19259.4	0.0	-274.0	-274.0	170 3	64 4	25 8	2 1	402 1	329 9	0 2	5 9	0 3	333
21 0	28 0	20524.4	25.0	-286.0	-286.0	170 3	67 0	25 8	2 1	409 3	329 9	0 2	5 9	0 3	333
21 5	28 5	21894.4	0.0	-298.0	-298.0	170 3	69 6	25 8	2 1	416 5	329 9	0 2	5 9	0 3	333
22 0	29 0	23369.4	25.0	-310.0	-310.0	170 3	72 2	25 8	2 1	423 7	329 9	0 2	5 9	0 3	333
22 5	29 5	24949.4	0.0	-322.0	-322.0	170 3	74 8	25 8	2 1	430 9	329 9	0 2	5 9	0 3	333
23 0	30 0	26634.4	25.0	-334.0	-334.0	170 3	77 4	25 8	2 1	438 1	329 9	0 2	5 9	0 3	333
23 5	30 5	28424.4	0.0	-346.0	-346.0	170 3	80 0	25 8	2 1	445 3	329 9	0 2	5 9	0 3	333
24 0	31 0	30329.4	25.0	-358.0	-358.0	170 3	82 6	25 8	2 1	452 5	329 9	0 2	5 9	0 3	333
24 5	31 5	32349.4	0.0	-370.0	-370.0	170 3	85 2	25 8	2 1	459 7	329 9	0 2	5 9	0 3	333
25 0	32 0	34484.4	25.0	-382.0	-382.0	170 3	87 8	25 8	2 1	466 9	329 9	0 2	5 9	0 3	333
25 5	32 5	36734.4	0.0	-394.0	-394.0	170 3	90 4	25 8	2 1	474 1	329 9	0 2	5 9	0 3	333
26 0	33 0	39104.4	25.0	-406.0	-406.0	170 3	93 0	25 8	2 1	481 3	329 9	0 2	5 9	0 3	333
26 5	33 5	41594.4	0.0	-418.0	-418.0	170 3	95 6	25 8	2 1	488 5	329 9	0 2	5 9	0 3	333
27 0	34 0	44204.4	25.0	-430.0	-430.0	170 3	98 2	25 8	2 1	495 7	329 9	0 2	5 9	0 3	333
27 5	34 5	46934.4	0.0	-442.0	-442.0	170 3	100 8	25 8	2 1	502 9	329 9	0 2	5 9	0 3	333
28 0	35 0	49784.4	25.0	-454.0	-454.0	170 3	103 4	25 8	2 1	510 1	329 9	0 2	5 9	0 3	333
28 5	35 5	52754.4	0.0	-466.0	-466.0	170 3	106 0	25 8	2 1	517 3	329 9	0 2	5 9	0 3	333
29 0	36 0	55844.4	25.0	-478.0	-478.0	170 3	108 6	25 8	2 1	524 5	329 9	0 2	5 9	0 3	333
29 5	36 5	59054.4	0.0	-490.0	-490.0	170 3	111 2	25 8	2 1	531 7	329 9	0 2	5 9	0 3	333
30 0	37 0	62384.4	25.0	-502.0	-502.0	170 3	113 8	25 8	2 1	538 9	329 9	0 2	5 9	0 3	333
30 5	37 5	65834.4	0.0	-514.0	-514.0	170 3	116 4	25 8	2 1	546 1	329 9	0 2	5 9	0 3	333
31 0	38 0	69404.4	25.0	-526.0	-526.0	170 3	119 0	25 8	2 1	553 3	329 9	0 2	5 9	0 3	333
31 5	38 5	73094.4	0.0	-538.0	-538.0	170 3	121 6	25 8	2 1	560 5	329 9	0 2	5 9	0 3	333
32 0	39 0	76904.4	25.0	-550.0	-550.0	170 3	124 2	25 8	2 1	567 7	329 9	0 2	5 9	0 3	333
32 5	39 5	80834.4	0.0	-562.0	-562.0	170 3	126 8	25 8	2 1	574 9	329 9	0 2	5 9	0 3	333
33 0	40 0	84884.4	25.0	-574.0	-574.0	170 3	129 4	25 8	2 1	582 1	329 9	0 2	5 9	0 3	333
33 5	40 5	89054.4	0.0	-586.0	-586.0	170 3	132 0	25 8	2 1	589 3	329 9	0 2	5 9	0 3	333
34 0	41 0	93344.4	25.0	-598.0	-598.0	170 3	134 6	25 8	2 1	596 5	329 9	0 2	5 9	0 3	333
34 5	41 5	97754.4	0.0	-610.0	-610.0	170 3	137 2	25 8	2 1	603 7	329 9	0 2	5 9	0 3	333
35 0	42 0	102284.4	25.0	-622.0	-622.0	170 3	139 8	25 8	2 1	610 9	329 9	0 2	5 9	0 3	333
35 5	42 5	106934.4	0.0	-634.0	-634.0	170 3	142 4	25 8	2 1	618 1	329 9	0 2	5 9	0 3	333
36 0	43 0	111704.4	25.0	-646.0	-646.0	170 3	145 0	25 8	2 1	625 3	329 9	0 2	5 9	0 3	333
36 5	43 5	116594.4	0.0	-658.0	-658.0	170 3	147 6	25 8	2 1	632 5	329 9	0 2	5 9	0 3	333
37 0	44 0	121604.4	25.0	-670.0	-670.0	170 3	150 2	25 8	2 1	639 7	329 9	0 2	5 9	0 3	333
37 5	44 5	126734.4	0.0	-682.0	-682.0	170 3	152 8	25 8	2 1	646 9	329 9	0 2	5 9	0 3	333
38 0	45 0	131984.4	25.0	-694.0	-694.0	170 3	155 4	25 8	2 1	654 1	329 9	0 2	5 9	0 3	333
38 5	45 5	137354.4	0.0	-706.0	-706.0	170 3	158 0	25 8	2 1	661 3	329 9	0 2	5 9	0 3	333
39 0	46 0	142844.4	25.0	-718.0	-718.0	170 3	160 6	25 8	2 1	668 5	329 9	0 2	5 9	0 3	333
39 5	46 5	148454.4	0.0	-730.0	-730.0	170 3	163 2	25 8	2 1	675 7	329 9	0 2	5 9	0 3	333
40 0	47 0	1541													

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 255  
VICTORIA, TEXAS  
1 MAY 1982  
1720 GMT

TIME MIN	CNTGT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE MM	AZ DG
0 4	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
1 0	8 0	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 4	8 0	303 0	975 0	22 3	15 7	191 8	3 2	-3 2	0 1	297 6	328 5	11 7	58 4	0 1	271
1 8	11 4	618 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
2 0	12 4	848 7	925 0	17 6	14 8	71 5	5 4	-5 1	-1 7	297 3	327 9	11 6	64 0	0 5	252
2 8	15 7	1027 7	890 0	15 5	14 6	100 4	4 6	-4 0	0 8	297 5	326 5	11 7	84 5	0 7	257
3 3	18 1	1321 3	875 0	13 9	14 6	119 2	4 5	-4 5	0 6	297 3	324 8	10 3	84 9	0 9	254
4 1	20 5	1564 8	850 0	11 7	10 2	179 0	6 4	-5 0	4 5	286 4	323 9	9 3	90 8	1 0	274
4 8	23 0	1814 1	825 0	9 5	6 5	173 2	9 5	-7 8	4 5	286 6	321 9	8 6	95 1	1 3	281
5 6	25 5	2089 8	800 0	7 8	6 5	143 5	9 5	-7 9	5 2	299 5	320 3	7 6	91 1	1 9	287
6 9	28 1	2330 8	775 0	5 4	6 5	125 2	9 0	-7 4	5 2	299 6	312 5	6 6	93 8	2 5	291
7 9	30 7	2598 6	750 0	5 1	6 1	121 3	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 0	6 2	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 6	6 0	-4 8	3 7	308 0	315 4	3 2	46 4	3 8	295
10 8	38 7	3455 8	675 0	0 9	8 0	140 3	4 1	-2 8	3 2	308 6	320 0	4 6	78 3	4 1	297
11 7	41 4	3758 5	650 0	0 8	8 0	126 4	1 9	-1 6	1 1	308 1	321 9	4 7	84 7	4 2	298
12 6	44 4	4070 8	625 0	-3 1	4 2	77 5	1 2	-1 2	-0 3	308 0	322 1	4 5	92 5	4 3	297
14 0	47 3	4373 3	600 0	-4 8	0 0	9 3	1 9	-0 3	-1 8	310 6	321 0	4 5	77 6	4 3	296
15 2	50 3	4728 1	575 0	-5 7	-1 5	310 0	3 1	2 4	-3 0	310 6	321 0	3 6	57 0	4 3	296
15 7	53 4	5076 0	550 0	-7 2	-1 7 0	297 6	3 1	5 6	-3 0	315 5	321 3	1 8	45 4	3 9	295
17 7	58 6	5437 4	525 0	-9 3	-1 9 4	289 6	8 4	7 9	-2 8	317 2	322 3	1 6	44 2	3 3	295
18 1	59 8	5612 7	500 0	-11 6	-19 4	292 7	9 4	8 7	-3 6	316 9	324 2	1 6	42 5	2 6	296
20 4	63 3	6203 9	475 0	-14 4	-22 2	296 6	10 8	9 6	-4 9	320 1	324 7	0 8	38 1	0 8	294
21 8	68 7	6612 0	450 0	-17 0	-27 9	292 0	10 3	9 6	-3 9	321 8	325 9	0 7	39 1	0 4	335
23 4	74 2	7038 6	425 0	-19 9*	-30 3	243 6	12 8	11 3	-5 6	323 4	326 0	0 5	31 8	0 7	335
24 9	78 2	7485 0	400 0	-23 5*	-35 6	296 5	25 2	22 6	-11 3	324 4	326 0	0 2	15 0	3 4	195
26 4	82 3	7953 9	375 0	-26 2	-45 0	299 9	18 3	15 9	-9 1	327 9	328 4	0 1	15 0	5 1	110
28 0	87 2	8448 2	350 0	-30 3	-48 4	296 9	19 0	17 0	-8 6	328 9	328 4	0 1	15 8	7 3	112
29 8	91 2	8971 6	325 0	-34 8	-51 7	299 0	20 6	18 0	-10 0	328 8	329 2	0 1	15 8	9 7	114
31 1	96 0	9534 4	300 0	-39 5	-59 9	301 7	21 8	18 5	-11 5	329 8	329 9	99 9	99 9	12 8	116
32 3	101 0	10113 5	275 0	-44 2	-68 0	295 8	22 6	20 3	-9 8	331 2	329 8	99 9	99 9	15 8	115
36 3	107 8	10748 7	250 0	-48 6	-76 8	288 7	23 9	22 6	-7 7	331 6	329 8	99 9	99 9	19 3	113
38 7	114 1	11431 7	225 0	-53 8	-84 5	284 5	27 3	26 5	-8 6	335 0	328 0	99 9	99 9	23 4	112
41 1	119 5	12127 7	200 0	-57 3	-89 8	287 2	27 2	28 0	-8 0	342 1	328 9	99 9	99 9	27 5	111
43 8	125 0	13023 2	175 0	-57 6	-89 8	284 2	25 6	24 8	-6 3	348 5	328 9	99 9	99 9	32 3	110
48 8	129 0	13991 6	150 0	-59 1	-89 9	285 5	20 6	23 9	-6 0	358 2	328 0	99 9	99 9	37 1	109
50 5	132 0	15128 8	125 0	-62 4	-89 9	282 7	20 6	20 1	-4 5	368 0	328 0	99 9	99 9	41 8	109
55 0	139 5	16594 7	100 0	-62 6	-89 9	274 0	13 4	13 3	-0 9	408 9	328 0	99 9	99 9	45 9	107
61 0	147 7	18264 3	75 0	-64 4	-89 9	268 8	9 3	19 3	0 2	437 9	328 0	99 9	99 9	47 1	107
69 0	156 0	20765 9	50 0	-68 8	-89 9	215 5	3 6	2 1	2 9	505 0	328 0	99 9	99 9	47 5	107
82 2	184 7	25238 8	25 0	-87 4	-89 9	145 0	5 2	-3 0	4 2	648 8	328 0	99 9	99 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

CRITICAL  
OF PLOON JALRY

STATION NO 255  
VICTORIA, TEXAS

1 MAY 1982  
2045 GMT

163 15 0

TIME MIN	CNTCT	WEIGHT GPH	PRES MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	ML RTO GM/KG	RH PCT	RANGE NM	AZ DG
00	52	330	1014.1	27.8	14.4	900	8.2	-8.2	0.0	299.8	327.3	10.3	44.0	0.0	0
04	06	157.1	1000.0	26.5	15.0	897	5.6	-5.6	-0.0	299.7	328.7	10.6	48.4	0.2	268
08	09	379.7	875.0	24.2	13.0	918	5.6	-5.6	0.0	299.5	328.7	10.3	52.7	0.4	269
14	11	806.3	850.0	21.6	13.4	947	5.1	-5.1	0.4	299.2	328.0	10.0	59.5	0.5	270
18	16	837.0	825.0	19.4	12.6	915	4.8	-4.8	-0.1	299.1	328.0	10.0	64.9	0.7	272
22	19	1072.2	800.0	16.9	12.5	889	4.9	-4.9	0.0	298.9	328.2	10.2	75.3	0.8	271
26	21	1311.8	875.0	14.3	11.4	967	5.2	-5.2	0.0	298.9	324.9	9.7	82.8	1.0	271
30	24	1808.8	825.0	12.2	10.9	1062	5.4	-5.4	1.5	298.9	325.1	9.7	91.3	1.2	272
34	27	2082.4	800.0	10.0	8.8	1128	5.3	-5.3	2.7	299.4	322.9	8.7	91.3	1.4	275
38	29	2324.4	800.0	8.0	7.7	1187	6.1	-6.1	2.7	299.7	321.5	8.0	94.8	1.7	279
42	32	2593.6	775.0	5.3	4.5	1273	7.1	-6.8	2.7	302.4	322.0	7.4	94.2	2.0	284
46	35	2870.2	725.0	3.0	1.5	1449	4.9	-4.0	3.1	302.7	322.0	7.1	94.2	2.3	287
50	38	3153.8	700.0	0.9	-1.5	1449	4.9	-4.0	3.1	302.7	322.0	7.1	94.2	2.3	287
54	40	3448.8	675.0	0.4	-3.7	1487	2.2	-2.1	3.1	303.5	312.0	2.9	49.8	3.3	289
58	43	3748.0	650.0	0.4	-5.4	1552	0.9	-0.4	0.8	307.5	319.1	4.0	74.2	3.4	290
62	46	4000.0	625.0	-3.1	-8.5	1648	1.3	1.1	-0.7	308.9	320.1	3.8	78.1	3.4	289
66	48	4302.4	600.0	-4.8	-13.2	1814	4.8	3.5	-3.2	312.7	317.3	1.3	35.2	2.8	286
70	52	4718.5	575.0	-8.3	-25.3	2034	7.2	5.8	-2.5	314.2	317.2	0.9	24.4	2.9	282
74	55	5063.0	550.0	-10.3	-31.5	2373	6.3	6.5	-4.0	316.1	321.3	0.7	15.5	1.5	273
78	58	5422.4	525.0	-13.7	-31.5	2373	6.4	6.5	-5.4	318.8	321.3	0.7	15.5	1.5	273
82	61	5797.4	500.0	-17.1	-23.8	2373	6.4	6.5	-5.4	321.8	321.3	0.7	15.5	1.5	273
86	64	6188.8	475.0	-20.8	-23.8	2373	6.4	6.5	-5.4	321.8	321.3	0.7	15.5	1.5	273
90	67	6598.8	450.0	-24.8	-23.8	2373	6.4	6.5	-5.4	321.8	321.3	0.7	15.5	1.5	273
94	71	7008.8	425.0	-28.8	-23.8	2373	6.4	6.5	-5.4	321.8	321.3	0.7	15.5	1.5	273
98	74	7418.8	400.0	-32.8	-23.8	2373	6.4	6.5	-5.4	321.8	321.3	0.7	15.5	1.5	273
102	77	7828.8	375.0	-36.8	-23.8	2373	6.4	6.5	-5.4	321.8	321.3	0.7	15.5	1.5	273
106	81	8238.8	350.0	-40.8	-23.8	2373	6.4	6.5	-5.4	321.8	321.3	0.7	15.5	1.5	273
110	84	8648.8	325.0	-44.8	-23.8	2373	6.4	6.5	-5.4	321.8	321.3	0.7	15.5	1.5	273
114	87	9058.8	300.0	-48.8	-23.8	2373	6.4	6.5	-5.4	321.8	321.3	0.7	15.5	1.5	273
118	91	9468.8	275.0	-52.8	-23.8	2373	6.4	6.5	-5.4	321.8	321.3	0.7	15.5	1.5	273
122	94	9878.8	250.0	-56.8	-23.8	2373	6.4	6.5	-5.4	321.8	321.3	0.7	15.5	1.5	273
126	97	10288.8	225.0	-60.8	-23.8	2373	6.4	6.5	-5.4	321.8	321.3	0.7	15.5	1.5	273
130	101	10698.8	200.0	-64.8	-23.8	2373	6.4	6.5	-5.4	321.8	321.3	0.7	15.5	1.5	273
134	104	11108.8	175.0	-68.8	-23.8	2373	6.4	6.5	-5.4	321.8	321.3	0.7	15.5	1.5	273
138	107	11518.8	150.0	-72.8	-23.8	2373	6.4	6.5	-5.4	321.8	321.3	0.7	15.5	1.5	273
142	111	11928.8	125.0	-76.8	-23.8	2373	6.4	6.5	-5.4	321.8	321.3	0.7	15.5	1.5	273
146	114	12338.8	100.0	-80.8	-23.8	2373	6.4	6.5	-5.4	321.8	321.3	0.7	15.5	1.5	273
150	117	12748.8	75.0	-84.8	-23.8	2373	6.4	6.5	-5.4	321.8	321.3	0.7	15.5	1.5	273
154	121	13158.8	50.0	-88.8	-23.8	2373	6.4	6.5	-5.4	321.8	321.3	0.7	15.5	1.5	273
158	124	13568.8	25.0	-92.8	-23.8	2373	6.4	6.5	-5.4	321.8	321.3	0.7	15.5	1.5	273
162	127	13978.8	0.0	-96.8	-23.8	2373	6.4	6.5	-5.4	321.8	321.3	0.7	15.5	1.5	273

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

STATION NO 255  
VICTORIA, TEXAS  
1 MAY 1962  
2315 GMT

TIME MIN	CHTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTG GM/KG	RH PCT	RANGE KM	AZ DG
00	5	33	1012.4	26.5	16.4	120.0	6.7	-5.8	3.3	298.5	329.6	11.7	54.0	0.3	0
01	6	150.3	1006.0	24.8	15.5	121.7	9.1	-7.7	4.8	298.0	329.5	11.9	58.8	0.6	305
02	7	371.8	975.0	22.3	15.8	112.1	9.7	-9.0	3.7	297.7	328.6	11.7	68.5	0.8	302
03	8	587.8	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
04	9	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
05	10	1062.6	900.0	17.1	12.0	69.5	6.5	-6.0	-2.3	299.4	325.6	9.9	72.0	1.8	281
06	11	1307.6	875.0	15.4	10.8	59.5	6.6	-6.4	-1.3	299.4	324.3	9.2	74.8	2.1	
07	12	1547.8	850.0	14.0	9.9	51.0	6.6	-6.8	-0.0	300.2	323.3	8.5	74.4	2.4	
08	13	1788.5	825.0	12.7	9.0	44.6	7.2	-7.2	0.2	301.0	322.2	8.2	82.4	2.8	
09	14	2029.7	800.0	11.6	8.2	39.1	6.6	-6.4	1.7	301.9	321.5	8.1	84.5	3.2	274
10	15	2271.1	775.0	10.6	7.5	34.4	6.4	-6.2	3.1	302.7	320.8	8.1	84.5	3.5	270
11	16	2512.5	750.0	9.8	6.9	30.6	6.1	-6.0	4.4	303.6	319.7	8.1	84.5	3.8	266
12	17	2754.0	725.0	9.0	6.3	27.6	5.7	-5.8	5.6	304.6	318.7	8.1	84.5	4.1	262
13	18	3000.0	700.0	8.3	5.8	24.9	5.4	-5.6	6.8	305.8	317.7	8.1	84.5	4.4	258
14	19	3245.8	675.0	7.7	5.3	22.6	5.1	-5.4	8.0	307.3	316.7	8.1	84.5	4.7	254
15	20	3495.4	650.0	7.1	4.9	20.6	4.8	-5.2	9.2	308.9	315.6	8.1	84.5	5.0	250
16	21	3748.4	625.0	6.6	4.5	18.9	4.5	-5.0	10.4	310.3	314.6	8.1	84.5	5.3	246
17	22	4002.4	600.0	6.1	4.1	17.4	4.2	-4.8	11.6	311.5	313.6	8.1	84.5	5.6	242
18	23	4258.4	575.0	5.7	3.8	16.0	4.0	-4.6	12.8	312.6	312.6	8.1	84.5	5.9	238
19	24	4512.4	550.0	5.3	3.5	14.8	3.7	-4.4	14.0	313.6	311.6	8.1	84.5	6.2	234
20	25	4768.4	525.0	5.0	3.2	13.7	3.5	-4.2	15.2	314.6	310.6	8.1	84.5	6.5	230
21	26	5022.4	500.0	4.7	3.0	12.7	3.3	-4.0	16.4	315.6	309.6	8.1	84.5	6.8	226
22	27	5278.4	475.0	4.4	2.8	11.8	3.1	-3.8	17.6	316.6	308.6	8.1	84.5	7.1	222
23	28	5532.4	450.0	4.2	2.6	11.0	3.0	-3.6	18.8	317.6	307.6	8.1	84.5	7.4	218
24	29	5788.4	425.0	4.0	2.5	10.3	2.9	-3.4	20.0	318.6	306.6	8.1	84.5	7.7	214
25	30	6042.4	400.0	3.8	2.4	9.7	2.8	-3.2	21.2	319.6	305.6	8.1	84.5	8.0	210
26	31	6298.4	375.0	3.6	2.3	9.1	2.7	-3.0	22.4	320.6	304.6	8.1	84.5	8.3	206
27	32	6552.4	350.0	3.5	2.2	8.6	2.6	-2.8	23.6	321.6	303.6	8.1	84.5	8.6	202
28	33	6808.4	325.0	3.4	2.1	8.1	2.5	-2.6	24.8	322.6	302.6	8.1	84.5	8.9	198
29	34	7062.4	300.0	3.3	2.0	7.7	2.4	-2.4	26.0	323.6	301.6	8.1	84.5	9.2	194
30	35	7318.4	275.0	3.2	1.9	7.3	2.3	-2.2	27.2	324.6	300.6	8.1	84.5	9.5	190
31	36	7572.4	250.0	3.1	1.8	7.0	2.2	-2.0	28.4	325.6	299.6	8.1	84.5	9.8	186
32	37	7828.4	225.0	3.0	1.7	6.7	2.1	-1.8	29.6	326.6	298.6	8.1	84.5	10.1	182
33	38	8082.4	200.0	2.9	1.6	6.4	2.0	-1.6	30.8	327.6	297.6	8.1	84.5	10.4	178
34	39	8338.4	175.0	2.8	1.5	6.1	1.9	-1.4	32.0	328.6	296.6	8.1	84.5	10.7	174
35	40	8592.4	150.0	2.7	1.4	5.9	1.8	-1.2	33.2	329.6	295.6	8.1	84.5	11.0	170
36	41	8848.4	125.0	2.6	1.3	5.7	1.7	-1.0	34.4	330.6	294.6	8.1	84.5	11.3	166
37	42	9102.4	100.0	2.5	1.2	5.5	1.6	-0.8	35.6	331.6	293.6	8.1	84.5	11.6	162
38	43	9358.4	75.0	2.4	1.1	5.3	1.5	-0.6	36.8	332.6	292.6	8.1	84.5	11.9	158
39	44	9612.4	50.0	2.3	1.0	5.1	1.4	-0.4	38.0	333.6	291.6	8.1	84.5	12.2	154
40	45	9868.4	25.0	2.2	0.9	4.9	1.3	-0.2	39.2	334.6	290.6	8.1	84.5	12.5	150
41	46	10122.4	0.0	2.1	0.8	4.7	1.2	0.0	40.4	335.6	289.6	8.1	84.5	12.8	146
42	47	10378.4		2.0	0.7	4.5	1.1	0.2	41.6	336.6	288.6	8.1	84.5	13.1	142
43	48	10632.4		1.9	0.6	4.3	1.0	0.4	42.8	337.6	287.6	8.1	84.5	13.4	138
44	49	10888.4		1.8	0.5	4.1	0.9	0.6	44.0	338.6	286.6	8.1	84.5	13.7	134
45	50	11142.4		1.7	0.4	3.9	0.8	0.8	45.2	339.6	285.6	8.1	84.5	14.0	130
46	51	11398.4		1.6	0.3	3.7	0.7	1.0	46.4	340.6	284.6	8.1	84.5	14.3	126
47	52	11652.4		1.5	0.2	3.5	0.6	1.2	47.6	341.6	283.6	8.1	84.5	14.6	122
48	53	11908.4		1.4	0.1	3.3	0.5	1.4	48.8	342.6	282.6	8.1	84.5	14.9	118
49	54	12162.4		1.3	0.0	3.1	0.4	1.6	50.0	343.6	281.6	8.1	84.5	15.2	114
50	55	12418.4		1.2		2.9	0.3	1.8	51.2	344.6	280.6	8.1	84.5	15.5	110
51	56	12672.4		1.1		2.7	0.2	2.0	52.4	345.6	279.6	8.1	84.5	15.8	106
52	57	12928.4		1.0		2.5	0.1	2.2	53.6	346.6	278.6	8.1	84.5	16.1	102
53	58	13182.4		0.9		2.3	0.0	2.4	54.8	347.6	277.6	8.1	84.5	16.4	98
54	59	13438.4		0.8		2.1		2.6	56.0	348.6	276.6	8.1	84.5	16.7	94
55	60	13692.4		0.7		1.9		2.8	57.2	349.6	275.6	8.1	84.5	17.0	90
56	61	13948.4		0.6		1.7		3.0	58.4	350.6	274.6	8.1	84.5	17.3	86
57	62	14202.4		0.5		1.5		3.2	59.6	351.6	273.6	8.1	84.5	17.6	82
58	63	14458.4		0.4		1.3		3.4	60.8	352.6	272.6	8.1	84.5	17.9	78
59	64	14712.4		0.3		1.1		3.6	62.0	353.6	271.6	8.1	84.5	18.2	74
60	65	14968.4		0.2		0.9		3.8	63.2	354.6	270.6	8.1	84.5	18.5	70
61	66	15222.4		0.1		0.7		4.0	64.4	355.6	269.6	8.1	84.5	18.8	66
62	67	15478.4		0.0		0.5		4.2	65.6	356.6	268.6	8.1	84.5	19.1	62
63	68	15732.4				0.3		4.4	66.8	357.6	267.6	8.1	84.5	19.4	58
64	69	15988.4				0.1		4.6	68.0	358.6	266.6	8.1	84.5	19.7	54
65	70	16242.4				0.0		4.8	69.2	359.6	265.6	8.1	84.5	20.0	50
66	71	16498.4						5.0	70.4	360.6	264.6	8.1	84.5	20.3	46
67	72	16752.4						5.2	71.6	361.6	263.6	8.1	84.5	20.6	42
68	73	17008.4						5.4	72.8	362.6	262.6	8.1	84.5	20.9	38
69	74	17262.4						5.6	74.0	363.6	261.6	8.1	84.5	21.2	34
70	75	17518.4						5.8	75.2	364.6	260.6	8.1	84.5	21.5	30
71	76	17772.4						6.0	76.4	365.6	259.6	8.1	84.5	21.8	26
72	77	18028.4						6.2	77.6	366.6	258.6	8.1	84.5	22.1	22
73	78	18282.4						6.4	78.8	367.6	257.6	8.1	84.5	22.4	18
74	79	18538.4						6.6	80.0	368.6	256.6	8.1	84.5	22.7	14
75	80	18792.4						6.8	81.2	369.6	255.6	8.1	84.5	23.0	10
76	81	19048.4						7.0	82.4	370.6	254.6	8.1	84.5	23.3	6
77	82	19302.4						7.2	83.6	371.6	253.6	8.1	84.5	23.6	2
78	83	19558.4						7.4	84.8	372.6	252.6	8.1	84.5	23.9	
79	84	19812.4						7.6	86.0	373.6	251.6	8.1	84.5	24.2	
80	85	20068.4						7.8	87.2	374.6	250.6	8.1	84.5	24.5	
81	86	20322.4						8.0	88.4	375.6	249.6	8.1	84.5	24.8	
82	87	20578.4						8.2	89.6	376.6	248.6	8.1	84.5	25.1	
83	88	20832.4						8.4	90.8	377.6	247.6	8.1	84.5	25.4	
84	89	21088.4						8.6	92.0	378.6	246.6	8.1	84.5	25.7	
85	90	21342.4						8.8	93.2	379.6	245.6	8.1	84.5	26.0	
86	91	21598.4						9.0	94.4	380.6	244.6	8.1	84.5	26.3	
87	92	21852.4						9.2	95.6	381.6	243.6	8.1	84.5	26.6	
88	93	22108.4						9.4	96.8	382.6	242.6	8.1	84.5	26.9	
89	94	22362.4						9.6	98.0	383.6	241.6	8.1	84.5	27.2	
90	95</														

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 255  
VICTORIA, TEXAS

2 MAY 1982  
215 GM

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 MM	AZ DG
0 5	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 7	0	0
0 5	6 6	183 1	1000 0	21 0	16 6	115 5	17 1	-9 1	4 4	294 2	325 4	12 0	75 7	0	290
0 2	11 0	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	294
2 9	13 3	834 4	950 0	17 6	16 5	98 6	8 8	-9 8	1 5	295 3	326 5	11 8	91 8	1	291
3 7	15 6	1067 8	900 0	16 3	14 8	89 3	8 4	-9 8	-0 7	297 0	325 5	11 8	90 9	1	286
4 6	18 0	1306 2	875 0	15 1	13 2	94 5	8 0	-9 3	0 7	297 7	325 5	17 7	87 7	2	282
5 4	20 4	1549 9	850 0	13 4	7 6	102 9	8 0	1 6	1 6	297 9	318 9	7 5	85 3	3	282
6 4	22 7	1799 5	825 0	11 9	5 5	111 5	8 1	-7 5	3 0	298 5	318 9	7 0	83 5	3	284
7 3	25 1	2055 4	800 0	10 3	3 6	127 1	7 8	-7 7	4 5	300 8	318 9	6 2	81 6	3	289
8 3	27 6	2318 3	775 0	8 2	-1 2	144 0	4 9	-2 8	4 7	302 8	318 5	4 5	73 5	4	289
9 4	30 2	2588 4	750 0	6 7	-3 8	131 1	2 9	-2 2	4 0	303 9	315 0	3 9	71 1	4	291
10 3	32 7	2866 3	725 0	5 2	-4 8	94 4	1 1	0 8	4 9	305 2	315 0	3 7	67 9	4	290
11 5	35 1	3152 0	700 0	3 1	-2 3	309 4	1 5	1 2	-1 0	307 2	321 0	4 4	64 1	4	290
12 5	38 4	3446 3	675 0	1 3	-2 3	279 1	1 4	1 4	-1 0	310 3	322 1	4 1	61 1	4	288
13 6	40 9	3749 7	650 0	-0 6	-3 0	307 8	1 7	1 3	-1 0	312 2	322 0	4 1	57 5	4	288
14 8	43 7	4062 6	625 0	-2 1	-5 6	343 3	3 1	0 5	-2 7	314 9	320 3	3 9	51 3	4	288
15 7	46 6	4365 6	600 0	-3 4	-12 0	324 3	3 6	0 5	-2 7	315 8	320 3	3 9	47 2	4	288
16 9	49 5	4722 6	575 0	-4 8	-17 3	324 6	3 2	0 5	-2 6	315 8	323 8	3 7	43 9	3	283
18 2	52 6	5070 5	550 0	-7 7	-17 1	324 6	3 0	0 5	-2 6	315 8	323 8	3 7	40 7	3	280
19 5	55 0	5430 9	525 0	-10 5	-15 5	297 9	4 2	2 5	-2 7	315 8	324 0	3 2	37 2	3	275
20 9	59 0	5805 5	500 0	-12 4	-13 4	297 9	4 2	2 5	-2 7	315 8	324 0	3 2	34 0	2	270
22 6	62 4	6196 2	475 0	-14 6	-23 3	306 8	7 3	8 3	-4 7	322 8	325 2	0 8	32 2	2	260
24 5	66 0	6604 5	450 0	-16 4	-29 2	307 5	11 0	8 7	-5 0	324 5	326 5	0 4	29 4	2	250
26 4	69 7	7032 3	425 0	-19 1	-32 6	300 2	10 9	9 4	-5 0	324 5	326 5	0 4	26 8	2	240
28 1	73 5	7480 5	400 0	-22 5	-35 8	297 1	9 9	8 5	-5 0	324 5	326 5	0 4	24 1	2	230
30 0	77 7	7950 7	375 0	-26 9	-39 5	288 6	9 8	8 8	-4 5	325 7	327 3	0 3	21 7	1	220
32 1	81 8	8444 0	350 0	-31 1	-43 1	284 3	11 0	10 5	-4 5	326 9	327 7	0 3	19 1	1	210
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	17 0	1	200
36 5	90 6	9518 7	300 0	-38 8	-51 9	295 1	21 7	19 5	-3 5	330 7	328 8	0 2	15 2	1	190
39 1	95 3	10112 1	275 0	-42 6	-56 9	295 3	26 5	23 8	-1 6	333 3	328 8	0 2	13 5	1	180
41 6	100 2	10748 6	250 0	-47 6	-63 9	299 0	31 4	29 4	-1 6	335 3	328 8	0 2	11 9	1	170
44 8	105 6	11435 2	225 0	-53 6	-71 8	298 0	35 1	33 2	-1 6	336 4	328 8	0 2	10 3	1	160
47 4	111 0	12122 3	200 0	-59 7	-80 9	288 0	37 3	35 5	-1 5	338 3	328 8	0 2	9 9	1	150
50 7	117 0	13010 8	175 0	-61 6	-89 8	289 1	31 0	39 1	-1 5	347 9	328 8	0 2	9 9	1	140
54 6	123 5	13967 6	150 0	-62 1	-98 8	292 5	25 0	43 1	-8 5	353 1	328 8	0 2	9 9	1	130
59 3	130 2	15091 2	125 0	-64 8	-107 9	283 8	21 1	45 8	-3 8	357 6	328 8	0 2	9 9	1	120
64 5	137 3	16445 7	100 0	-67 5	-116 9	283 6	18 3	48 4	-3 5	364 3	328 8	0 2	9 9	1	110
71 0	145 0	18177 9	75 0	-65 9	-125 3	282 3	9 1	51 1	-4 1	371 2	328 8	0 2	9 9	1	100
79 8	153 2	20684 2	50 0	-59 8	-133 9	333 9	4 3	54 2	-4 1	379 6	328 8	0 2	9 9	1	90
92 8	161 7	25082 2	25 0	-54 2	-146 6	176 6	4 5	57 1	-4 1	384 1	328 8	0 2	9 9	1	80

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

TIME MIN	CRTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00	00	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
06	06	189.1	1000.0	19.0	18.0	89.2	7.6	-7.6	-0.1	252.4	327.4	13.6	95.1	0	257
14	08	387.6	975.0	18.0	16.0	97.1	9.4	-9.4	1.2	294.3	325.2	11.9	82.8	0	6269
23	11	611.0	950.0	18.2	13.1	98.7	11.0	-10.9	1.7	295.3	322.3	10.1	72.1	1	2273
31	13	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	7275
38	15	1072.6	900.0	15.5	9.8	105.0	10.3	-9.9	2.2	297.5	320.4	8.5	68.8	2	3277
46	18	1311.5	875.0	14.1	5.6	105.7	9.1	-8.8	2.5	298.4	316.4	6.6	58.6	2	8279
57	20	1555.6	850.0	12.5	4.5	110.9	8.0	-8.0	3.0	299.3	316.5	6.3	58.2	3	3280
66	23	1805.5	825.0	11.2	5.5	116.3	7.7	-8.0	3.4	300.2	316.4	6.9	58.2	3	7282
75	25	2052.2	800.0	10.3	0.7	121.2	5.9	-5.0	3.0	302.6	316.5	5.1	51.5	4	1283
84	28	2302.7	775.0	8.3	-1.8	109.4	3.4	-2.3	1.1	302.6	315.1	4.3	48.7	4	3284
93	30	2555.9	750.0	6.8	-3.2	94.8	2.9	-2.9	0.2	305.0	315.6	4.0	48.7	4	5284
102	33	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	7284
113	36	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	8281
122	38	3453.2	675.0	1.0	-2.7	54.4	3.0	-2.4	-1.7	306.8	320.3	4.4	76.2	4	9280
133	41	3756.2	650.0	-0.7	-3.3	350.1	1.8	0.3	-1.7	308.2	321.7	4.6	82.6	4	8279
145	44	4059.3	625.0	-2.2	-5.1	288.4	2.5	2.5	0.1	310.0	322.3	4.2	80.5	4	8280
157	47	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	5282
169	50	4728.6	575.0	-4.8	-17.1	247.0	3.5	3.2	2.2	314.4	319.9	2.0	37.2	4	4284
183	53	5040.2	550.0	-6.7	-18.1	247.0	6.1	6.1	1.4	316.3	322.5	2.0	46.8	4	1285
193	56	5340.2	525.0	-8.7	-18.1	247.0	6.1	6.1	-1.1	317.9	322.3	1.3	35.4	4	1285
206	60	5618.4	500.0	-11.4	-21.5	282.5	8.4	8.2	-1.8	319.1	323.6	1.4	43.1	4	5286
219	63	5818.4	475.0	-13.7	-25.8	282.2	9.4	9.1	-2.3	321.0	324.2	1.4	43.1	4	8286
232	67	6017.3	450.0	-16.5	-29.5	282.2	9.8	9.6	-2.1	322.5	325.4	0.7	31.0	4	9287
246	70	6217.3	425.0	-19.3	-38.8	999.9	9.9	9.9	99.9	324.3	325.4	0.2	15.7	4	9999
260	74	6417.3	400.0	-23.1	-42.3	999.9	9.9	9.9	99.9	325.0	325.8	0.2	15.2	4	9999
274	78	6617.3	375.0	-27.4*	-45.7	999.9	9.9	9.9	99.9	325.6	327.1	0.2	16.9	4	9999
288	82	6817.3	350.0	-31.3	-48.2	999.9	9.9	9.9	99.9	326.6	327.1	0.1	16.9	4	9999
302	86	7017.3	325.0	-35.9	-51.5	295.8	17.2	15.5	-7.5	330.0	330.4	0.1	14.7	6	1109
316	90	7217.3	300.0	-37.8	-59.9	294.4	24.2	22.0	-10.0	332.1	330.4	0.1	14.7	6	1109
330	94	7417.3	275.0	-42.5	-69.8	290.3	33.2	28.7	-10.7	333.7	330.4	0.1	14.7	6	1109
344	98	7617.3	250.0	-46.0	-79.8	288.9	44.4	31.7	-10.7	334.7	330.4	0.1	14.7	6	1109
358	102	7817.3	225.0	-50.4	-89.8	287.0	55.6	31.7	-10.7	335.2	330.4	0.1	14.7	6	1109
372	106	8017.3	200.0	-54.4	-99.8	287.0	66.8	29.2	-10.5	336.1	330.4	0.1	14.7	6	1109
386	110	8217.3	175.0	-59.1	-99.8	287.2	78.0	29.2	-9.6	337.0	330.4	0.1	14.7	6	1109
400	114	8417.3	150.0	-63.0	-99.8	287.2	89.2	23.7	-5.6	338.1	330.4	0.1	14.7	6	1109
414	118	8617.3	125.0	-67.8	-99.8	283.2	100.4	21.2	-5.6	339.1	330.4	0.1	14.7	6	1109
428	122	8817.3	100.0	-69.8	-99.8	283.2	111.6	14.1	-5.6	340.2	330.4	0.1	14.7	6	1109
442	126	9017.3	75.0	-66.2	-99.8	286.0	122.8	9.9	-2.8	341.3	330.4	0.1	14.7	6	1109
456	130	9217.3	50.0	-61.5	-99.8	253.8	134.0	4.0	1.2	434.2	330.4	0.1	14.7	6	1109
470	134	9417.3	25.0	-51.5	-99.8	235.8	145.2	4.3	2.9	637.1	330.4	0.1	14.7	6	1109

\* BY SPEED MEANS ELEVATION 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

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 RTD 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	286 6	318 8	11 1	93 0	0 0	0
0 5	6 5	159.2	1000.0	16.3	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	16.4	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	310 9	8 8	68 3	1 4	280
3 6	15 8	1051.4	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 4	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	298 6	313 2	4 8	44 3	2 6	283
6 4	23 1	1784.4	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 4	285
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	0 2	309 1	322 5	4 8	93 5	4 3	289
15 7	47 5	4380.5	600.0	-3.9	-6.6	238 4	2 4	2 9	1 6	311 6	323 2	4 8	81 7	4 4	290
16 9	50 5	4716.0	575.0	-5.2	-11.2	260 4	4 5	4 4	1 6	313 9	323 6	2 8	62 9	4 3	293
18 1	53 6	5064.3	550.0	-6.6	-17.1	278 1	6 2	6 2	0 9	316 0	321 8	1 8	43 7	4 0	296
19 4	56 9	5425.9	525.0	-9.1	-21.2	281 5	6 7	6 0	-0 9	318 0	321 6	1 3	38 7	3 7	298
20 7	60 3	5802.0	500.0	-11.4	-27.1	289 0	7 7	6 0	1 3	319 1	321 6	1 3	38 7	3 7	298
22 1	63 7	6193.5	475.0	-13.7	-32.7	304 5	7 7	7 3	1 3	319 1	321 6	0 6	26 0	2 6	303
23 5	67 2	6602.7	450.0	-16.2	-37.0	310 1	6 4	6 4	-4 4	321 0	322 8	0 5	18 4	2 0	303
25 0	70 9	7029.9	425.0	-19.9	-39.6	302 9	4 8	4 8	-4 0	322 9	324 5	0 3	14 6	1 4	298
26 7	74 7	7476.6	400.0	-23.4	-42.8	289 4	7 3	6 1	-4 0	324 6	324 5	0 3	15 3	0 8	295
28 4	78 7	7945.1	375.0	-27.0	-45.8	278 9	10 8	10 8	-3 6	324 6	325 3	0 2	14 8	0 2	176
30 1	82 8	8439.0	350.0	-30.3	-43.6	282 9	13 2	12 9	-1 3	325 8	326 4	0 2	14 9	1 1	102
32 1	87 2	8963.0	325.0	-32.8	-41.3	268 4	18 2	17 3	-5 7	327 9	328 8	0 2	26 0	2 3	102
34 2	91 6	9521.4	300.0	-37.5	-38.9	266 1	22 7	21 8	-6 3	331 5	332 7	0 3	42 1	4 1	104
36 1	96 6	10115.8	275.0	-42.4	-35.9	277 0	23 3	23 1	-6 3	333 6	333 6	9 9	99 9	6 8	106
38 0	101 8	10751.1	250.0	-48.7	-32.9	273 7	23 4	23 3	-2 8	333 6	333 6	9 9	99 9	6 8	106
40 0	107 2	11433.8	225.0	-55.4	-29.9	276 0	25 5	25 4	-1 5	333 7	333 7	9 9	99 9	12 1	102
42 6	113 0	12177.0	200.0	-60.0	-26.0	279 7	26 3	25 9	-2 7	333 7	333 7	9 9	99 9	14 9	101
46 0	119 2	13068.0	175.0	-62.8	-22.3	283 4	29 4	28 6	-4 4	337 6	337 6	9 9	99 9	19 2	100
49 3	125 7	13953.0	150.0	-64.8	-18.5	281 5	24 3	23 8	-6 8	346 3	346 3	9 9	99 9	24 6	100
53 5	133 0	14772.2	125.0	-64.8	-14.4	282 8	19 0	18 6	-4 2	359 2	359 2	9 9	99 9	30 0	101
58 1	140 5	16421.6	100.0	-67.6	-9.9	281 6	14 4	14 1	-2 9	377 7	377 7	9 9	99 9	35 5	101
64 2	148 7	18153.6	75.0	-66.9	-6.9	293 2	9 5	8 1	-3 8	401 6	401 6	9 9	99 9	40 1	101
72 8	157 3	20627.2	50.0	-60.3	-3.7	302 6	3 7	3 1	-2 0	432 5	432 5	9 9	99 9	44 7	102
80 0	166 0	25047.3	25.0	-51.3	-9.9	999 9	9 9	9 9	9 9	637 1	637 1	9 9	99 9	46 4	104

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

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 280  
STEPHENVILLE, TEXAS  
1 MAY 1962  
1100 GMT

TIME MIN	CNTGT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE MM	AZ DG
00	0	399.0	973.7	15.0	14.5	20.0	2.6	-0.9	-2.4	290.4	318.1	10.0	97.0	0.0	0
01	98.0	399.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.0
02	99.0	399.0	975.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.0
03	11.8	827.6	950.0	13.3	12.9	48.0	5.4	-3.6	-3.6	290.7	318.3	99.0	98.0	0.3	201
04	14.3	822.6	925.0	13.2	12.4	78.6	6.2	-6.2	-1.5	292.8	318.5	99.0	94.5	0.5	225
05	18.7	1063.7	900.0	12.9	11.0	91.1	6.5	-6.4	-1.0	294.8	318.3	99.0	88.0	0.8	238
06	19.2	1300.6	875.0	11.7	9.4	94.1	6.4	-6.9	0.5	296.7	318.7	99.0	85.3	1.1	248
07	21.7	1543.0	850.0	10.1	7.1	114.3	7.6	-6.9	3.1	298.7	319.6	99.0	82.6	1.3	255
08	24.2	1791.2	825.0	8.7	5.8	137.1	9.1	-5.5	3.1	297.6	319.6	99.0	82.6	1.3	255
09	26.8	2043.8	800.0	7.2	4.8	154.5	7.2	-3.1	6.5	298.6	319.2	99.0	83.5	1.9	277
10	29.4	2306.8	775.0	5.5	3.6	178.0	6.7	-0.2	6.5	299.7	319.0	99.0	83.5	1.9	277
11	32.0	2574.0	750.0	3.6	2.8	191.5	6.9	0.2	6.9	300.5	317.8	99.0	84.8	2.1	287
12	34.7	2849.7	725.0	2.0	1.2	175.0	7.6	-0.7	7.5	301.7	317.9	99.0	84.8	2.1	287
13	37.3	3132.7	700.0	0.5	-0.1	174.7	8.1	0.6	8.0	303.2	318.6	99.0	85.0	2.4	306
14	40.0	3424.5	675.0	-2.1	-2.9	184.3	8.3	1.6	8.3	305.1	320.3	99.0	85.0	2.4	306
15	42.9	3728.1	650.0	-3.6	-4.4	194.0	6.5	1.6	6.3	306.6	320.3	99.0	84.3	2.8	321
16	45.7	4037.5	625.0	-5.3	-6.2	198.3	4.4	-0.3	4.4	308.3	321.5	99.0	84.3	2.8	321
17	48.5	4359.5	600.0	-7.3	-8.2	198.0	4.8	1.3	4.7	309.8	321.5	99.0	84.3	2.8	321
18	51.3	4692.6	575.0	-9.5	-10.4	204.4	6.0	3.7	4.8	311.4	322.2	99.0	83.0	3.6	335
19	54.1	5038.1	550.0	-12.0	-13.1	209.5	4.4	4.6	4.6	312.8	322.4	99.0	83.0	3.6	335
20	57.1	5398.4	525.0	-15.1	-15.3	213.4	3.6	3.5	3.5	315.8	323.1	99.0	81.5	4.4	350
21	60.1	5766.6	500.0	-17.0	-17.3	216.4	2.0	2.0	2.0	317.0	323.1	99.0	81.5	4.4	350
22	63.3	6156.2	475.0	-19.6	-19.2	219.8	1.1	1.1	1.1	319.7	323.3	99.0	82.8	4.9	354
23	66.4	6582.3	450.0	-22.8	-21.6	223.1	0.7	0.7	0.7	319.6	323.3	99.0	82.8	4.9	354
24	69.7	6987.4	425.0	-26.4	-26.1	226.7	2.0	0.1	1.9	320.7	323.2	99.0	85.9	5.4	359
25	73.1	7424.0	400.0	-30.0	-30.8	230.3	1.1	1.1	1.9	322.0	323.2	99.0	85.9	5.4	359
26	76.6	7887.4	375.0	-33.6	-37.7	234.7	3.5	-3.0	0.4	322.5	324.4	99.0	88.3	6.3	355
27	80.3	8379.2	350.0	-37.7	-42.9	238.9	6.8	-2.9	0.2	324.7	324.5	99.0	88.3	6.3	355
28	84.0	8890.7	325.0	-42.4	-44.8	243.0	10.0	-6.2	0.2	325.4	325.5	99.0	88.3	6.3	355
29	87.8	9437.6	300.0	-48.2	-49.9	247.7	12.1	-3.1	-9.8	327.0	325.4	99.0	88.3	6.3	355
30	92.0	10018.1	275.0	-53.2	-53.9	252.6	14.1	-4.2	-13.4	329.5	329.5	99.0	88.3	6.3	355
31	96.3	10640.0	250.0	-58.1	-59.9	258.3	16.5	0.4	-15.3	333.3	333.3	99.0	88.3	6.3	355
32	100.8	11311.8	225.0	-62.8	-62.8	264.8	13.3	0.4	-13.3	337.8	337.8	99.0	88.3	6.3	355
33	105.8	12045.9	200.0	-67.8	-67.8	271.8	12.4	9.3	-14.5	347.8	347.8	99.0	88.3	6.3	355
34	111.0	12872.6	175.0	-71.9	-71.9	280.0	14.2	12.4	-14.5	362.2	362.2	99.0	88.3	6.3	355
35	116.7	13800.9	150.0	-76.3	-76.3	288.6	14.1	14.9	-14.5	382.4	382.4	99.0	88.3	6.3	355
36	123.2	14959.4	125.0	-81.6	-81.6	297.9	15.2	17.4	-14.5	404.4	404.4	99.0	88.3	6.3	355
37	130.7	16355.9	100.0	-84.6	-84.6	306.9	15.5	17.4	-14.5	427.5	427.5	99.0	88.3	6.3	355
38	138.7	18087.4	75.0	-89.7	-89.7	316.9	15.5	17.4	-14.5	503.0	503.0	99.0	88.3	6.3	355
39	148.7	20592.6	50.0	-95.9	-95.9	325.3	15.5	17.4	-14.5	532.8	532.8	99.0	88.3	6.3	355
40	159.7	25003.3	25.0	-102.9	-102.9	333.9	15.5	17.4	-14.5	532.8	532.8	99.0	88.3	6.3	355

\* BY SPEED MEANS ELEVATION 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. 260  
STEPHENVILLE, TEXAS  
1 MAY 1982  
1415 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	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 0
0 9	99 9	1000 0	975 0	15 5	99 9	99 9	99 9	99 9	99 9	299 7	999 9	99 9	99 9	995 0	0 9
0 0	10 1	401 6	975 0	15 5	99 9	31 0	2 7	-1 4	-2 3	290 7	999 9	99 9	99 9	995 0	0 9
0 6	11 7	621 8	950 0	14 8	12 0	60 8	7 0	-6 1	-3 4	292 2	318 6	9 4	83 6	0 2	2 19
1 3	12 9	848 3	925 0	15 2	11 0	70 9	7 1	-6 7	-3 3	294 2	318 6	9 4	78 1	0 5	2 31
1 9	16 9	1080 5	900 0	13 6	6 5	108 7	5 9	-5 7	-1 7	286 5	315 0	6 8	58 7	0 8	2 44
2 9	18 4	1318 7	875 0	13 4	7 8	140 7	5 9	-3 7	4 6	287 7	318 1	6 8	58 1	0 8	2 58
3 7	22 0	1561 9	850 0	11 1	3 5	147 4	8 0	-4 3	6 7	287 8	313 8	5 8	58 2	1 1	4 20
4 5	24 7	1810 4	825 0	8 4	3 0	154 4	9 9	-4 3	8 9	287 8	314 3	6 0	70 2	1 1	4 20
5 4	27 4	2084 3	800 0	6 4	3 0	185 4	9 7	-2 5	8 9	288 0	316 8	6 9	90 8	1 8	3 03
6 3	30 1	2324 4	775 0	4 7	-0 0	174 3	10 1	-1 0	10 1	288 0	312 8	4 9	71 4	2 2	3 14
7 2	32 8	2591 3	750 0	3 1	-1 8	185 1	10 0	0 9	10 0	300 0	312 8	4 5	70 0	2 6	3 22
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	3 30
9 0	38 3	3147 3	700 0	-0 0	-0 5	204 8	9 3	3 4	8 4	302 4	317 4	5 2	96 9	3 4	3 38
9 9	41 1	3438 9	675 0	-0 8	-1 2	227 9	4 6	3 4	8 4	304 8	319 3	5 2	96 5	3 7	3 45
11 0	44 0	4050 8	650 0	-2 7	-3 2	275 8	1 5	2 3	-0 2	308 1	321 4	4 5	96 3	3 6	3 46
12 1	47 9	4372 7	600 0	-3 8	-4 3	318 8	3 1	2 3	-3 5	309 6	321 4	4 5	95 9	3 4	3 48
13 1	49 9	4705 6	575 0	-5 7	-6 3	358 8	4 5	3 3	-2 9	311 0	321 6	3 0	95 4	3 1	3 51
14 2	52 8	5051 1	550 0	-7 7	-8 3	395 7	4 1	3 7	-1 8	312 5	321 6	3 0	95 4	3 0	3 56
15 3	55 8	5408 4	525 0	-9 7	-11 0	274 5	3 9	3 9	-0 3	314 6	321 1	2 1	88 9	2 9	1 7
16 4	58 6	5782 0	500 0	-13 0	-16 0	259 9	5 0	4 9	0 8	316 2	321 2	1 6	80 1	2 9	1 7
17 7	62 0	6168 8	475 0	-16 8	-23 7	259 7	5 2	4 5	0 2	317 7	322 3	1 1	54 9	3 3	1 4
18 0	65 3	6573 8	450 0	-19 8	-25 2	287 5	4 4	4 4	0 2	318 7	322 3	1 1	54 9	3 3	1 4
20 5	71 9	6996 5	425 0	-22 3	-30 7	288 3	4 0	3 8	0 6	320 4	322 8	0 7	46 1	3 5	2 8
23 3	75 4	7438 9	400 0	-25 9	-34 4	284 0	3 9	3 6	-0 8	321 4	323 1	0 5	44 3	3 6	3 1
24 8	79 0	7903 1	375 0	-29 3	-38 0	324 0	2 9	1 7	-2 3	322 8	324 0	0 3	38 1	3 6	3 6
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	34 0	3 6	4 0
28 2	86 6	8910 9	325 0	-38 6*	-39 9	352 2	7 6	1 0	-7 5	326 3	326 6	99 9	99 9	3 0	5 0
29 8	90 6	9480 5	300 0	-41 0	-39 9	358 0	8 0	0 8	-10 3	327 8	326 6	99 9	99 9	2 8	6 6
31 5	94 8	10045 1	275 0	-46 0	-39 9	354 8	10 3	0 9	-12 5	329 7	327 8	99 9	99 9	2 4	8 6
33 6	99 0	10671 4	250 0	-51 3	-39 9	349 4	12 7	2 3	-12 8	329 9	329 9	99 9	99 9	3 0	1 15
35 7	103 6	11348 9	225 0	-55 9	-39 9	353 7	12 9	1 4	-12 8	332 9	329 9	99 9	99 9	4 0	1 25
38 0	108 6	12088 7	200 0	-61 2	-39 9	328 9	13 7	7 5	-11 5	335 8	329 9	99 9	99 9	5 7	8 139
40 4	114 0	12918 8	175 0	-62 1	-39 9	302 4	16 2	13 7	-8 7	347 4	329 9	99 9	99 9	7 8	1 39
43 5	118 7	13840 5	150 0	-68 8	-39 9	288 5	14 9	13 3	-6 6	388 7	329 9	99 9	99 9	10 6	1 35
47 2	125 5	15018 5	125 0	-68 3	-39 9	278 0	15 3	15 2	-2 4	385 8	329 9	99 9	99 9	13 6	1 35
51 4	132 0	16328 6	100 0	-62 1	-39 9	287 4	14 0	13 4	-2 4	406 8	329 9	99 9	99 9	17 2	1 22
56 9	143 0	18187 4	75 0	-57 3	-39 9	287 1	8 0	12 7	-3 0	438 8	329 9	99 9	99 9	20 6	1 20
64 1	153 5	20096 2	50 0	-57 3	-39 9	287 1	2 1	1 9	-3 0	508 8	329 9	99 9	99 9	22 7	1 21
75 5	163 5	25111 5	25 0	-52 0	-39 9	330 4	4 8	2 3	-4 4	835 5	329 9	99 9	99 9	22 7	1 23

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE JR 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. 260  
STEPHENVILLE, TEXAS  
1 MAY 1982  
1715 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/RC	RH PCT	RANGE KM	AZ DG
00	9.4	399.0	975.8	18.5	17.2	40.0	2.6	-1.7	-2.0	293.7	328.8	12.8	92.0	0.0	0.0
01	9.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02	9.5	408.1	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
03	12.0	628.0	950.0	15.7	14.9	61.6	6.0	-5.3	-2.2	293.1	322.6	11.3	95.1	0.0	233
04	14.7	854.3	925.0	13.5	10.7	81.4	7.1	-7.0	-1.1	294.2	317.5	8.8	78.1	0.0	445
05	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	0.0	257
06	18.8	1324.0	875.0	12.6	10.3	132.3	5.6	-4.1	3.8	296.9	322.8	10.1	95.9	1.0	279
07	21.2	1587.7	850.0	11.3	8.3	148.1	4.1	-3.4	6.5	297.9	321.8	9.3	93.7	1.0	293
08	23.2	1817.1	825.0	9.8	6.3	168.6	3.4	-2.4	8.7	299.0	319.1	8.4	90.0	1.0	305
09	25.2	2072.6	800.0	8.4	5.4	188.2	2.6	-1.9	10.2	300.7	316.1	7.1	83.3	1.0	314
10	27.9	2334.3	775.0	6.4	4.5	183.5	1.6	-0.8	11.8	301.5	311.6	5.5	70.5	2.0	322
11	30.6	2602.7	750.0	4.5	3.7	163.5	0.9	0.9	13.4	301.5	311.6	5.5	69.7	2.0	322
12	33.3	2878.1	725.0	2.7	2.2	193.7	2.3	2.3	15.0	302.4	313.5	3.9	60.4	3.0	330
13	36.1	3161.1	700.0	0.4	0.2	205.7	4.1	4.1	16.5	302.4	313.5	3.9	57.9	3.0	337
14	38.9	3453.2	675.0	-0.2	-0.6	221.0	4.4	4.4	18.0	305.5	318.3	5.4	50.9	3.0	345
15	41.8	3755.2	650.0	-1.6	-2.0	251.9	3.7	3.5	19.5	307.2	321.9	5.1	46.7	4.0	349
16	44.6	4066.9	625.0	-3.5	-4.0	301.9	3.0	3.5	21.0	308.4	321.7	4.6	36.4	3.0	353
17	47.6	4389.2	600.0	-5.1	-7.2	333.2	2.9	0.8	22.4	310.2	321.3	3.7	28.4	3.0	353
18	50.5	4722.6	575.0	-7.0	-9.5	333.8	3.2	3.2	23.8	311.8	321.6	3.2	21.8	3.0	355
19	53.5	5055.1	550.0	-8.5	-11.1	274.6	4.3	3.6	25.2	316.0	323.1	2.3	16.8	3.0	343
20	56.6	5428.9	525.0	-10.3	-14.9	244.8	4.3	2.4	26.6	316.0	323.6	2.1	12.7	3.0	347
21	59.8	5803.0	500.0	-12.1	-16.7	214.1	3.6	2.4	28.0	318.5	323.6	1.7	7.0	3.0	347
22	63.0	6191.3	475.0	-13.7	-19.8	220.2	3.6	2.4	29.4	318.5	323.6	1.7	5.1	3.0	347
23	66.3	6597.7	450.0	-15.7	-25.6	231.4	3.9	3.0	30.8	320.6	324.4	1.1	4.3	4.0	343
24	72.6	7022.7	425.0	-18.0	-30.6	999.9	99.9	99.9	99.9	322.0	324.4	0.6	4.5	4.0	343
25	78.0	7487.5	400.0	-21.4	-33.5	999.9	99.9	99.9	99.9	323.3	325.3	0.6	4.5	4.0	343
26	83.9	7999.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
27	89.8	8599.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
28	95.8	9199.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
29	101.8	9799.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30	107.8	10399.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31	113.8	10999.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32	119.8	11599.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33	125.8	12199.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34	131.8	12799.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35	137.8	13399.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
36	143.8	13999.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
37	149.8	14599.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
38	155.8	15199.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
39	161.8	15799.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
40	167.8	16399.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

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

ORIGINAL PAGE 19  
OF POOR QUALITY

STATION NO. 280  
STEPHENVILLE, TEXAS  
1 MAY 1982  
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	M <sup>2</sup> RIO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.8	399.0	975.1	19.0	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	99.9	99.9	999.9	99.9	999.9	99.9	0
0.0	9.3	398.9	975.0	19.7	15.8	76.7	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	77.9	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	288
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	0.9	304
4.6	25.6	1809.4	825.0	8.2	4.9	189.1	4.4	-1.4	7.2	299.9	318.2	8.0	77.4	0.9	304
5.7	28.3	2064.7	800.0	6.2	4.5	193.3	8.9	0.5	8.8	299.9	318.2	8.0	77.4	1.1	325
6.7	31.0	2328.6	775.0	6.9	0.7	192.3	7.7	1.7	8.8	301.8	313.0	5.3	64.6	1.7	325
7.6	33.8	2595.2	750.0	4.8	-3.0	191.3	8.6	3.0	8.8	302.6	313.0	4.2	64.6	2.1	349
8.6	36.6	2871.0	725.0	2.8	-3.1	200.0	8.6	3.0	8.8	302.6	313.0	4.2	64.6	2.1	355
9.6	39.3	3154.9	700.0	2.1	1.1	222.2	7.4	5.0	5.5	304.8	321.4	5.9	93.2	3.2	1
10.6	42.1	3448.1	675.0	0.2	-0.7	229.3	6.0	4.8	3.9	307.9	321.0	4.5	81.6	3.4	5
11.7	45.0	3750.4	650.0	-0.9	-3.7	241.2	2.4	2.1	1.2	308.9	321.8	4.4	81.9	3.4	6
12.8	47.7	4062.9	625.0	-3.1	-4.4	259.0	0.7	0.6	-0.2	310.4	321.1	3.8	79.4	3.7	8
13.9	50.6	4385.2	600.0	-5.0	-7.6	250.4	0.5	0.5	2.0	312.5	322.3	3.3	81.3	4.0	10
15.1	53.4	4719.5	575.0	-6.4	-9.4	196.6	2.1	0.6	2.8	313.8	322.0	2.5	84.1	4.4	13
16.3	56.5	5065.9	550.0	-8.7	-11.3	215.4	3.4	2.8	4.5	314.3	323.1	1.8	84.1	4.4	13
17.5	59.8	5424.8	525.0	-11.7	-13.9	227.5	5.3	5.8	5.3	317.8	323.1	0.9	84.1	4.4	13
18.8	62.7	5798.2	500.0	-15.1	-16.6	227.5	7.7	7.9	7.7	319.2	323.3	0.8	84.1	4.4	13
20.3	65.9	6188.2	475.0	-18.3	-19.3	250.2	6.2	6.0	5.5	320.3	323.3	0.7	84.1	4.4	13
21.9	69.3	6594.6	450.0	-21.5	-22.8	250.2	5.1	5.1	4.4	321.5	323.3	0.7	84.1	4.4	13
23.3	72.5	7019.1	425.0	-24.7	-26.9	287.0	5.8	5.3	3.2	323.7	323.3	0.7	84.1	4.4	13
24.9	76.0	7463.3	400.0	-27.3	-30.7	284.6	6.4	4.6	2.4	325.5	323.3	0.7	84.1	4.4	13
26.4	79.6	7931.3	375.0	-29.3	-32.7	317.7	8.4	5.6	-0.2	325.5	327.1	0.2	84.1	4.4	13
28.1	83.3	8424.3	350.0	-31.6	-42.7	317.7	8.4	5.6	-0.2	325.5	327.1	0.2	84.1	4.4	13
29.9	87.1	8943.6	325.0	-36.1	-45.4	315.4	8.7	6.2	-0.3	326.9	327.6	0.2	84.1	4.4	13
31.7	91.0	9493.4	300.0	-41.0	-49.9	304.8	8.7	7.1	-5.0	327.5	327.6	0.2	84.1	4.4	13
33.6	95.0	10079.7	275.0	-45.4	-54.4	289.8	10.8	10.2	-3.7	329.4	327.6	0.2	84.1	4.4	13
35.7	99.3	10708.7	250.0	-50.6	-59.9	288.0	13.2	12.5	-4.1	330.9	327.6	0.2	84.1	4.4	13
38.0	104.0	11385.4	225.0	-56.7	-66.6	285.1	15.5	14.9	-4.3	331.7	327.6	0.2	84.1	4.4	13
40.4	109.0	12127.0	200.0	-60.8	-71.8	289.3	18.9	17.8	-6.7	338.0	327.6	0.2	84.1	4.4	13
42.0	114.2	12957.1	175.0	-66.8	-78.9	292.1	17.8	16.5	-5.0	349.0	327.6	0.2	84.1	4.4	13
43.1	120.7	13819.0	150.0	-68.6	-80.9	282.3	15.7	16.0	-3.7	367.0	327.6	0.2	84.1	4.4	13
45.8	126.7	14851.5	125.0	-62.4	-88.9	282.3	13.3	14.3	-4.6	382.1	327.6	0.2	84.1	4.4	13
48.1	134.0	16421.8	102.0	-62.4	-98.9	279.0	15.4	13.7	-1.5	407.1	327.6	0.2	84.1	4.4	13
50.6	142.5	18198.4	75.0	-62.4	-98.9	279.0	15.4	13.7	-1.5	430.6	327.6	0.2	84.1	4.4	13
52.1	152.3	20720.6	50.0	-57.5	-98.9	185.2	2.5	0.7	-2.3	458.1	327.6	0.2	84.1	4.4	13
57.2	182.7	25161.7	25.0	-50.3	-98.9	185.2	2.4	0.2	-2.3	508.1	327.6	0.2	84.1	4.4	13

\* 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. 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 RIO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	9 5	398 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 0
00 9	98 9	99 9	1000.0	38 9	39 9	99 9	98 9	98 9	99 9	99 9	999 9	99 9	999 9	99 9	999 9
01 8	99 9	607 8	950.0	17 7	14 5	73 4	4 0	-3 9	-1 2	295 9	324 0	11 0	99 9	0 4	236
1 6	14 6	635 8	925.0	15 7	14 1	103 5	3 4	-2 9	0 7	295 4	324 3	10 5	89 9	0 4	245
2 3	17 1	1068 7	900.0	14 9	12 9	139 6	3 0	-2 2	2 6	296 9	324 7	10 5	87 9	0 6	260
3 2	18 7	1307 1	875.0	13 2	10 8	157 3	3 8	-1 5	3 5	297 5	322 6	10 5	85 2	0 7	292
3 9	22 3	1550 9	850.0	11 6	9 9	177 9	4 7	-0 2	4 7	298 3	321 5	9 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	84 3	0 8	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	84 6	1 0	347
7 5	33 1	2567 9	750.0	6 0	0 5	214 9	7 9	4 5	4 4	303 2	317 1	4 9	82 6	1 1	357
8 5	35 8	2864 8	725.0	3 9	0 0	230 4	6 6	5 3	4 4	305 7	318 7	4 5	78 1	1 2	3 6
9 5	38 6	3149 7	700.0	2 2	1 5	234 7	4 6	4 6	3 2	308 7	322 2	4 3	94 6	2 2	13
10 5	41 3	3443 5	675.0	1 0	0 1	228 1	3 5	2 6	2 5	308 7	322 6	4 7	92 8	2 5	17
11 6	44 2	3746 7	650.0	-0 4	-3 2	189 9	1 8	0 0	1 6	308 6	322 1	4 7	81 1	2 7	18
12 7	47 1	4059 4	625.0	-2 8	-7 4	179 5	1 6	-0 0	1 6	309 2	321 9	4 3	77 0	2 9	17
13 9	50 1	4382 9	600.0	-4 0	-11 0	220 3	2 0	2 0	2 3	311 5	322 5	3 7	77 0	3 1	21
15 1	53 0	4717 8	575.0	-5 9	-14 5	247 1	4 8	4 4	1 9	313 1	322 7	2 9	72 9	3 5	26
16 5	56 0	5064 9	550.0	-8 2	-12 2	244 8	6 0	7 6	2 8	314 7	322 1	2 4	72 9	3 9	32
17 8	58 1	5424 1	525.0	-11 4	-14 5	250 0	8 1	8 5	3 0	317 9	322 4	1 4	48 7	4 6	38
19 2	62 3	5798 3	500.0	-12 4	-23 7	257 5	9 0	8 5	3 4	319 0	322 9	1 2	48 6	5 1	42
20 6	65 5	6188 2	475.0	-17 4	-26 5	265 2	6 6	5 2	-2 4	321 4	324 8	1 0	44 9	5 5	47
22 3	68 9	6595 1	450.0	-20 4	-30 1	307 2	7 2	5 7	-4 3	322 9	325 4	0 7	41 2	5 6	53
24 0	72 1	7021 1	425.0	-23 8	-34 1	297 5	6 9	6 5	-3 4	324 1	325 9	0 5	37 7	5 9	60
25 6	75 6	7467 3	400.0	-28 0	-40 1	296 3	9 5	8 5	-4 4	324 6	325 7	0 3	30 1	6 5	67
27 5	79 1	7934 8	375.0	-32 0	-42 3	297 5	9 5	8 5	-4 2	325 5	325 4	0 3	35 3	7 4	74
29 3	82 7	8426 6	350.0	-32 1	-48 5	292 8	10 8	10 0	-3 2	325 5	326 4	0 2	35 3	8 4	79
31 5	86 5	8944 9	325.0	-36 7	-48 5	287 8	10 5	10 0	-3 2	326 1	326 8	0 2	35 3	9 7	83
33 6	90 4	9493 7	300.0	-41 6	-48 5	280 9	10 8	10 8	-2 1	326 8	326 8	0 2	35 3	11 2	85
35 9	94 5	10077 1	275.0	-46 7	-48 5	285 5	11 0	11 9	-3 3	327 7	326 8	0 2	35 3	13 0	89
38 5	98 8	10702 8	250.0	-51 5	-48 5	287 9	13 1	12 5	-4 0	329 5	326 8	0 2	35 3	15 4	91
41 2	103 3	11380 8	225.0	-55 2	-48 5	283 1	17 6	17 1	-4 0	333 9	326 8	0 2	35 3	18 7	94
44 7	108 2	12125 3	200.0	-58 5	-48 5	294 0	18 1	18 5	-7 4	347 2	326 8	0 2	35 3	22 7	98
47 7	113 2	12955 4	175.0	-61 3	-48 5	290 3	19 1	17 9	-6 6	347 2	326 8	0 2	35 3	27 1	100
51 8	118 0	13911 2	150.0	-63 3	-48 5	289 5	21 8	20 5	-7 2	380 4	326 8	0 2	35 3	32 8	101
56 0	125 0	15035 7	125.0	-63 4	-48 5	289 2	21 8	20 5	-7 2	380 4	326 8	0 2	35 3	38 7	103
61 6	132 0	16408 6	100.0	-64 2	-48 5	288 4	14 4	13 1	-6 4	403 7	326 8	0 2	35 3	43 6	104
68 6	140 0	18188 0	75.0	-64 4	-48 5	298 4	3 2	1 1	-4 2	501 5	326 8	0 2	35 3	45 3	104
77 4	149 0	20885 4	50.0	-64 3	-48 5	348 9	3 2	1 1	-3 1	633 5	326 8	0 2	35 3	45 3	109
8 1 1	158 5	23107 6	25.0	-52 7	-48 5	158 8	5 8	-2 3	5 3	633 5	326 8	0 2	35 3	45 3	109

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 \*\* 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. 260  
STEPHENVILLE, TEXAS  
2 MAY 1982  
215 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/MG	RH PCT	RANGE KM	AZ DG
00	00	399 0	973 8	17 3	15 1	2 1	-2 1	0 0	292 7	321 7	11 2	87 0	0 0	0 0
00	00	399 0	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999 9
00	00	399 0	9 5 0	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999 9
00	00	399 0	9 5 0	16 7	15 2	5 5	-4 9	2 6	294 1	324 2	11 5	91 0	0 0	0 0
00	00	399 0	9 5 0	15 8	13 2	5 3	-3 8	3 8	295 5	323 5	10 3	84 7	0 0	0 0
00	00	399 0	9 5 0	14 3	12 7	6 6	-3 6	5 5	296 2	322 9	10 3	90 4	0 0	0 0
00	00	399 0	875 0	12 7	10 1	5 0	-2 4	5 1	297 9	322 6	9 2	92 6	1 1	1 2
00	00	399 0	875 0	11 2	10 1	5 0	0 4	4 9	297 9	322 6	9 2	92 6	1 1	1 2
00	00	399 0	875 0	10 0	8 3	5 9	2 2	5 5	299 2	321 9	8 4	89 4	1 1	1 2
00	00	399 0	875 0	7 9	6 6	8 8	2 8	5 5	299 6	320 6	7 7	91 5	1 1	1 2
00	00	399 0	775 0	6 5	4 7	6 5	3 7	5 4	300 8	320 0	7 0	88 5	2 2	2 2
00	00	399 0	775 0	5 0	3 1	5 3	3 8	5 4	302 0	319 8	6 4	87 8	2 2	2 2
00	00	399 0	775 0	3 2	2 1	4 1	4 1	4 1	303 0	318 8	5 7	84 4	2 2	2 2
00	00	399 0	775 0	1 9	0 8	3 6	3 4	2 2	305 5	320 8	4 8	81 6	2 2	2 2
00	00	399 0	775 0	0 1	0 6	3 0	2 6	2 3	307 8	320 3	4 3	80 1	2 2	2 2
00	00	399 0	675 0	-1 0	-2 3	2 9	1 7	2 3	309 0	320 6	3 9	76 7	3 0	10 10
00	00	399 0	675 0	-1 0	-4 3	2 4	2 2	2 3	310 6	320 5	3 4	76 7	3 0	10 10
00	00	399 0	675 0	-1 0	-5 9	2 4	2 2	2 4	312 1	320 9	2 2	73 6	3 3	20 20
00	00	399 0	675 0	-1 0	-11 6	2 4	3 5	0 3	313 1	321 1	2 2	73 6	3 3	20 20
00	00	399 0	675 0	-1 0	-13 1	3 5	3 3	0 3	314 4	321 1	2 2	73 6	3 3	20 20
00	00	399 0	675 0	-1 0	-15 6	3 6	2 8	0 3	317 6	322 8	1 6	54 6	3 3	20 20
00	00	399 0	675 0	-1 0	-17 7	3 6	4 4	0 3	319 4	322 8	1 6	54 6	3 3	20 20
00	00	399 0	675 0	-1 0	-19 9	3 6	4 4	0 3	321 0	323 6	0 6	35 9	3 3	63 63
00	00	399 0	675 0	-1 0	-21 3	3 6	5 5	0 3	321 7	323 6	0 6	35 9	3 3	63 63
00	00	399 0	675 0	-1 0	-23 4	3 6	7 7	0 3	322 5	323 9	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-25 3	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-27 4	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-29 1	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-31 3	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-33 4	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-35 3	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-37 4	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-39 1	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-41 3	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-43 4	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-45 3	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-47 4	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-49 1	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-51 3	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-53 4	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-55 3	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-57 4	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-59 1	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-61 3	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-63 4	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-65 3	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-67 4	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-69 1	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-71 3	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-73 4	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-75 3	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-77 4	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-79 1	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-81 3	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-83 4	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-85 3	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-87 4	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-89 1	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-91 3	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-93 4	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-95 3	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-97 4	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-99 1	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-101 3	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-103 4	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-105 3	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-107 4	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-109 1	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-111 3	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-113 4	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-115 3	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-117 4	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-119 1	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-121 3	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-123 4	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-125 3	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-127 4	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-129 1	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-131 3	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-133 4	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-135 3	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-137 4	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-139 1	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-141 3	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-143 4	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-145 3	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-147 4	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-149 1	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00	399 0	675 0	-1 0	-151 3	3 6	7 7	0 3	322 5	324 6	0 3	21 7	3 3	63 63
00	00													

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 260  
STEPHENVILLE, TEXAS  
2 MAY 1982  
515 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	NX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0	0	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	0.0
00	0	1000.0	974.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	999.0
00	0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	999.0
07	12	620.5	950.0	17.7	16.4	134.7	7.6	-5.1	5.0	285.4	327.7	12.5	92.3	0.7	292.0
17	14	848.7	925.0	16.0	13.7	155.9	7.6	-3.1	6.9	285.4	327.7	12.0	96.5	0.7	307.0
25	17	1082.0	900.0	14.7	11.1	181.1	8.8	-0.9	6.4	297.9	328.5	11.5	84.7	1.4	321.0
33	20	1320.7	875.0	13.6	12.2	189.4	5.0	-0.9	4.9	298.9	324.5	9.5	90.0	1.9	326.0
42	23	1564.8	850.0	12.2	9.5	181.2	4.5	0.1	4.5	299.3	323.9	9.1	95.1	2.1	334.0
52	25	1814.8	825.0	10.1	7.8	199.1	5.0	0.1	4.7	300.3	323.0	8.4	92.6	2.3	340.0
00	28	2070.9	800.0	8.5	6.2	211.4	5.9	3.1	5.1	301.7	322.9	7.7	92.6	2.5	347.0
09	31	2333.6	775.0	7.3	5.0	219.0	5.1	3.2	4.0	303.4	320.0	5.9	73.8	2.7	351.0
18	34	2603.6	750.0	6.3	4.5	213.0	4.6	2.5	3.8	304.4	318.4	4.9	67.1	2.7	351.0
28	37	2881.0	725.0	4.5	2.2	211.4	4.4	2.3	3.8	305.1	320.8	5.6	85.6	2.9	355.0
38	40	3166.2	700.0	2.3	0.2	215.4	4.1	2.4	3.3	305.5	320.9	5.4	96.2	3.1	357.0
48	42	3450.3	675.0	-0.2	-0.7	212.7	3.9	2.1	3.2	306.2	319.9	4.2	90.5	3.3	362.0
58	45	3750.0	650.0	-2.4	-2.9	213.3	3.8	2.1	3.2	308.1	320.5	3.4	79.7	3.3	362.0
08	48	4071.8	625.0	-5.5	-6.5	261.1	3.8	2.8	0.4	309.7	320.2	2.6	71.6	3.3	362.0
18	51	4392.5	600.0	-7.1	-8.5	272.9	3.9	3.9	0.2	311.7	320.2	2.6	78.5	3.3	362.0
28	55	4726.7	575.0	-9.2	-11.2	267.0	3.1	3.3	0.5	313.1	321.2	1.7	53.2	3.3	362.0
38	58	5072.3	550.0	-10.6	-12.6	278.4	3.3	3.3	0.5	315.7	321.2	0.7	23.4	3.3	362.0
48	61	5431.3	525.0	-11.7	-16.3	326.2	5.1	2.6	4.2	318.8	321.9	0.6	15.3	3.3	362.0
58	64	5806.2	500.0	-14.7	-28.4	327.3	5.7	3.1	4.9	319.8	321.9	0.3	15.3	3.3	362.0
00	66	6196.9	475.0	-17.8	-30.8	330.7	6.3	3.1	5.8	320.9	322.0	0.2	14.0	3.3	362.0
10	71	6603.9	450.0	-21.1	-37.8	337.2	6.3	2.4	5.9	322.0	322.8	0.2	13.9	3.3	362.0
20	74	7028.6	425.0	-24.3	-41.4	330.2	6.8	5.2	6.8	323.4	324.7	0.1	13.9	3.3	362.0
30	78	7473.9	400.0	-28.3	-47.4	332.8	6.8	8.1	6.7	324.2	324.7	0.1	14.1	3.3	362.0
40	82	7940.7	375.0	-32.4	-50.6	309.4	10.5	8.6	5.1	325.1	326.5	0.1	14.1	3.3	362.0
50	85	8431.4	350.0	-36.7	-54.3	300.7	10.0	8.0	3.0	326.8	326.3	0.1	14.1	3.3	362.0
00	88	8949.6	325.0	-41.5	-59.9	284.8	12.0	17.5	4.0	328.5	326.9	0.1	14.1	3.3	362.0
10	94	9498.0	300.0	-46.1	-66.9	284.8	12.0	17.5	4.0	328.5	326.9	0.1	14.1	3.3	362.0
20	98	10061.9	275.0	-50.3	-72.9	284.8	12.0	17.5	4.0	328.5	326.9	0.1	14.1	3.3	362.0
30	102	10711.0	250.0	-54.6	-78.9	284.8	12.0	17.5	4.0	328.5	326.9	0.1	14.1	3.3	362.0
40	107	11391.5	225.0	-59.9	-85.9	284.8	12.0	17.5	4.0	328.5	326.9	0.1	14.1	3.3	362.0
50	112	12136.6	200.0	-65.9	-92.9	284.8	12.0	17.5	4.0	328.5	326.9	0.1	14.1	3.3	362.0
00	117	12862.5	175.0	-72.9	-99.9	284.8	12.0	17.5	4.0	328.5	326.9	0.1	14.1	3.3	362.0
10	123	13614.7	150.0	-80.0	-99.9	292.6	22.9	21.1	8.1	346.4	339.2	0.1	14.1	3.3	362.0
20	128	15032.5	125.0	-84.0	-99.9	294.7	20.8	18.9	8.1	351.7	339.2	0.1	14.1	3.3	362.0
30	138	16396.8	100.0	-85.0	-99.9	288.6	14.5	13.7	4.6	402.3	339.2	0.1	14.1	3.3	362.0
40	144	18146.7	75.0	-85.8	-99.9	284.4	17.4	17.0	4.6	434.9	339.2	0.1	14.1	3.3	362.0
50	152	20635.9	50.0	-80.3	-99.9	303.1	5.9	3.2	3.2	501.4	339.2	0.1	14.1	3.3	362.0
00	161	25017.2	25.0	-54.4	-99.9	301.8	4.1	3.5	3.2	628.3	339.2	0.1	14.1	3.3	362.0

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

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 260  
STEPHENVILLE, TEXAS  
2 MAY 1982  
2 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 ATO GM/KG	RH PCT	RANGE KM	AZ DG
00	98	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
01	99	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02	99	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03	12	611.7	950.0	14.9	14.8	156.2	5.9	-2.4	5.4	292.3	321.4	11.2	98.9	0	3
04	13	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
05	17	1068.3	900.0	12.8	12.6	178.4	8.3	-0.5	8.3	294.8	321.8	10.3	98.7	1	0
06	20	1306.0	875.0	11.3	11.1	178.7	7.3	-0.2	7.3	295.6	321.9	8.4	98.3	1	4
07	23	1548.2	850.0	10.4	10.2	179.5	6.5	1.1	6.4	297.1	321.8	7.8	98.3	1	7
08	26	1787.3	825.0	9.3	9.1	187.3	4.5	0.6	4.5	298.4	321.7	8.5	98.3	2	0
09	28	2052.3	800.0	7.6	7.5	190.3	3.1	0.8	3.1	299.3	321.5	8.2	98.6	2	0
10	31	2312.8	775.0	5.6	5.7	192.6	2.2	0.5	2.2	300.1	320.5	7.5	99.1	2	3
11	34	2582.0	750.0	4.2	4.4	127.2	0.7	-0.7	1.0	301.1	319.8	6.6	99.5	2	3
12	36	2857.6	725.0	2.5	2.4	144.3	1.2	-0.6	0.4	302.3	319.8	6.3	98.7	2	4
13	38	3141.3	700.0	1.1	1.0	214.2	3.8	0.7	1.1	303.7	320.1	5.8	97.8	2	5
14	42	3433.3	675.0	-1.0	-1.5	230.9	5.0	3.0	2.4	304.5	319.0	5.1	96.6	2	5
15	45	3734.3	650.0	-2.4	-3.9	234.5	4.1	4.4	2.9	306.2	319.0	4.4	89.5	2	8
16	48	4044.8	625.0	-4.1	-10.3	235.6	4.5	4.4	1.1	307.7	315.8	3.7	89.5	2	8
17	51	4385.9	600.0	-6.1	-16.3	233.0	3.9	4.4	0.9	309.1	316.0	3.2	89.5	3	0
18	54	4897.9	575.0	-8.1	-22.4	307.1	2.9	3.3	-1.7	310.5	316.3	2.7	89.5	3	0
19	57	5042.3	550.0	-9.5	-34.6	335.4	2.9	2.3	-2.1	312.8	316.5	2.3	89.5	3	2
20	61	5400.7	525.0	-11.6	-38.0	334.3	2.6	1.5	-2.1	315.2	316.5	1.9	89.5	3	2
21	64	5774.5	500.0	-12.6	-38.0	334.3	2.6	1.5	-2.1	317.7	316.7	1.1	89.5	3	2
22	67	6164.4	475.0	-14.8	-41.8	331.0	3.0	1.0	-3.8	319.6	320.3	0.4	89.5	3	2
23	71	6571.3	450.0	-17.8	-43.5	328.8	3.8	2.0	-3.3	321.1	320.3	0.2	89.5	3	2
24	74	6998.3	425.0	-21.2	-45.8	322.0	4.5	2.8	-3.9	321.8	321.8	0.2	89.5	3	2
25	78	7440.0	400.0	-25.0	-48.9	307.1	5.8	4.6	-3.9	322.6	322.3	0.1	89.5	3	2
26	81	7805.3	375.0	-28.9	-49.7	280.9	6.3	6.1	-1.9	323.3	323.7	0.1	89.5	3	2
27	85	8193.8	350.0	-32.3	-52.2	280.9	10.6	10.4	-2.0	323.3	325.5	0.1	89.5	3	4
28	88	8607.2	325.0	-36.7	-56.4	283.0	10.6	10.4	-2.0	325.5	326.3	0.1	89.5	3	4
29	93	9047.8	300.0	-41.7	-59.9	281.4	13.9	13.6	-2.8	326.1	326.3	0.1	89.5	3	4
30	96	9462.2	275.0	-45.1	-62.4	281.5	17.1	16.3	-5.1	326.8	326.3	0.1	89.5	3	4
31	99	9879.4	250.0	-49.2	-65.9	289.1	19.8	18.7	-6.5	329.8	329.9	0.1	89.5	3	4
32	102	10301.2	225.0	-54.9	-69.9	289.1	20.5	18.6	-6.2	332.9	329.9	0.1	89.5	3	4
33	107	10791.2	200.0	-60.6	-74.9	289.1	20.6	18.2	-6.3	334.4	329.9	0.1	89.5	3	4
34	112	11203.6	175.0	-62.4	-79.9	289.1	20.6	18.2	-6.3	336.9	329.9	0.1	89.5	3	4
35	117	11629.8	150.0	-64.4	-84.9	289.1	18.0	18.3	-5.2	346.4	329.9	0.1	89.5	3	4
36	123	12080.1	125.0	-64.8	-88.9	289.1	17.8	17.1	-4.6	362.6	329.9	0.1	89.5	3	4
37	128	12500.8	100.0	-64.8	-92.9	289.1	15.0	15.3	-3.7	377.6	329.9	0.1	89.5	3	4
38	133	12880.1	75.0	-64.6	-96.9	289.1	11.1	11.8	-2.7	402.1	329.9	0.1	89.5	3	4
39	138	13257.7	50.0	-64.6	-98.9	317.5	7.5	7.5	-1.6	437.6	329.9	0.1	89.5	3	4
40	143	13614.6	25.0	-59.0	-98.9	317.5	3.9	2.1	-3.3	504.5	329.9	0.1	89.5	3	4
41	148	13920.3	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
42	153	14180.7	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
43	158	14400.7	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
44	163	14580.7	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
45	168	14720.7	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
46	173	14820.7	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
47	178	14880.7	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
48	183	14900.7	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
49	188	14880.7	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
50	193	14820.7	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
51	198	14720.7	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
52	203	14580.7	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
53	208	14400.7	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
54	213	14180.7	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
55	218	13920.3	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
56	223	13614.6	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
57	228	13257.7	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
58	233	12880.1	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
59	238	12500.8	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
60	243	12080.1	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
61	248	11629.8	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
62	253	11203.6	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
63	258	10791.2	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
64	263	10301.2	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
65	268	9879.4	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
66	273	9462.2	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
67	278	9047.8	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
68	283	8607.2	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
69	288	8193.8	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
70	293	7805.3	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
71	298	7440.0	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
72	303	7090.0	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
73	308	6750.0	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
74	313	6420.0	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
75	318	6100.0	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
76	323	5790.0	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
77	328	5490.0	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
78	333	5200.0	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
79	338	4920.0	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
80	343	4650.0	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
81	348	4390.0	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
82	353	4140.0	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
83	358	3900.0	25.0	-51.6	-99.9	99.9	99.9	99.9	99.9	636.6	329.9	0.1	89.5	3	4
84	363	3670.0	25.0	-51.6											

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 261  
DEL RIO, TEXAS

1 MAY 1982  
1100 GMT

TIME MIN	CRTGT	WEIGHT GPM	PRES MS	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00	00	314.0	861.3	17.4	15.7	100.0	2.8	-2.8	0.5	282.1	322.0	11.6	90.0	0.0	0.0
00	00	1000.0	875.0	16.9	15.0	128.0	8.3	-6.4	99.9	282.2	320.9	99.9	99.9	99.9	99.9
00	00	591.2	855.0	17.0	12.4	132.0	6.3	-6.4	5.2	284.3	319.7	11.6	88.6	0.1	305.0
00	00	818.4	825.0	14.7	12.3	133.0	6.6	-4.8	5.6	284.3	320.1	9.6	74.7	0.6	309.0
00	00	1086.1	800.0	13.2	12.0	146.0	6.4	-3.5	4.5	295.1	321.2	9.9	85.6	0.9	311.0
00	00	1287.4	875.0	11.4	11.2	168.0	6.8	-1.2	5.3	295.7	321.1	9.6	92.7	1.2	318.0
00	00	1728.1	850.0	10.2	10.2	178.0	7.4	-0.0	7.4	296.9	321.1	9.1	98.4	1.4	327.0
00	00	1778.1	835.0	9.4	9.4	170.2	7.7	-1.3	7.6	298.9	322.3	8.8	98.1	1.7	333.0
00	00	2032.8	800.0	8.2	7.9	163.8	4.3	-1.2	4.1	299.9	322.7	8.4	98.0	2.1	335.0
00	00	2288.0	775.0	7.0	6.7	184.9	2.4	0.5	2.4	301.4	323.3	8.0	97.8	2.2	338.0
00	00	2558.3	750.0	4.9	4.8	190.3	2.9	0.5	2.7	302.9	320.8	7.2	98.6	2.2	338.0
00	00	2841.8	725.0	3.1	2.2	206.7	3.4	1.5	3.1	304.7	319.0	6.4	97.1	2.5	340.0
00	00	3126.2	700.0	2.0	0.1	221.0	4.8	3.7	2.9	306.3	322.6	5.7	96.3	2.6	343.0
00	00	3418.0	675.0	0.8	-0.1	234.5	4.4	3.7	2.7	307.8	323.4	5.4	95.2	2.7	348.0
00	00	3742.2	650.0	-1.0	-0.7	248.5	4.7	3.7	2.7	308.5	323.0	5.5	95.3	2.8	350.0
00	00	4035.0	625.0	-2.5	-1.5	265.0	4.2	0.3	0.3	310.6	320.0	5.0	95.2	3.0	355.0
00	00	4381.9	600.0	-4.5	-2.5	285.0	3.7	0.7	-1.5	312.3	320.7	4.7	95.4	3.0	359.0
00	00	4881.9	575.0	-6.6	-4.6	347.2	1.6	0.7	-1.2	315.5	320.7	4.2	95.4	3.0	359.0
00	00	5398.0	550.0	-9.0	-7.0	328.7	1.6	0.7	-0.2	315.1	320.3	3.8	95.6	2.9	362.0
00	00	5938.0	525.0	-11.1	-9.1	329.7	1.8	1.6	-0.2	318.6	318.6	3.5	95.1	2.8	365.0
00	00	6498.0	500.0	-13.3	-11.3	257.5	3.4	3.3	0.2	319.3	322.5	3.0	94.6	3.0	368.0
00	00	7159.3	475.0	-15.1	-13.1	272.5	5.1	5.1	-0.2	320.8	323.8	2.5	94.6	2.9	369.0
00	00	7820.6	450.0	-17.9	-15.9	309.1	7.5	7.5	-3.6	322.5	324.3	2.0	94.1	2.7	372.0
00	00	8581.3	425.0	-20.7	-18.7	311.9	10.5	10.5	-5.5	322.8	324.5	1.5	93.9	2.6	375.0
00	00	9342.0	400.0	-24.0	-21.0	311.9	11.2	11.2	-7.0	323.8	324.5	1.0	93.9	2.6	375.0
00	00	10102.7	375.0	-27.8	-24.8	308.7	11.2	11.2	-7.1	324.9	325.3	0.5	93.9	2.6	375.0
00	00	10863.3	350.0	-31.4	-28.4	306.2	11.5	11.5	-6.9	326.4	326.6	0.1	93.9	2.6	375.0
00	00	11624.0	325.0	-35.9	-32.9	310.7	11.5	11.5	-7.5	327.2	326.6	0.1	93.9	2.6	375.0
00	00	12384.7	300.0	-40.8	-37.8	310.8	11.1	11.1	-8.7	327.8	326.6	0.1	93.9	2.6	375.0
00	00	13145.4	275.0	-45.6	-42.6	321.3	12.3	12.3	-9.6	328.9	326.6	0.1	93.9	2.6	375.0
00	00	13906.1	250.0	-51.0	-48.0	316.2	15.4	15.4	-11.1	330.3	326.6	0.1	93.9	2.6	375.0
00	00	14666.8	225.0	-54.8	-51.8	285.1	21.1	21.1	-10.7	334.5	326.6	0.1	93.9	2.6	375.0
00	00	15427.5	200.0	-60.2	-57.2	285.4	24.7	24.7	-10.8	337.5	326.6	0.1	93.9	2.6	375.0
00	00	16188.2	175.0	-61.5	-58.5	281.4	24.0	24.0	-8.8	348.4	326.6	0.1	93.9	2.6	375.0
00	00	16948.9	150.0	-62.0	-59.0	286.0	20.3	20.3	-5.6	357.3	326.6	0.1	93.9	2.6	375.0
00	00	17709.6	125.0	-64.7	-61.7	280.6	18.0	18.0	-3.5	367.0	326.6	0.1	93.9	2.6	375.0
00	00	18470.3	100.0	-68.7	-65.7	280.6	18.0	18.0	-1.8	380.0	326.6	0.1	93.9	2.6	375.0
00	00	19231.0	75.0	-68.8	-65.8	280.6	18.0	18.0	0.0	390.0	326.6	0.1	93.9	2.6	375.0
00	00	20000.0	50.0	-68.8	-65.8	280.6	18.0	18.0	0.0	400.0	326.6	0.1	93.9	2.6	375.0
00	00	20769.0	25.0	-68.8	-65.8	280.6	18.0	18.0	0.0	410.0	326.6	0.1	93.9	2.6	375.0
00	00	21538.0	0.0	-68.8	-65.8	280.6	18.0	18.0	0.0	420.0	326.6	0.1	93.9	2.6	375.0

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



ORIGINAL PAGE 19  
OF POOR QUALITY

STATION NO 281  
DEL RIO, TEXAS  
1 MAY 1962  
1415 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEM 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/AG	RM PCT	PANGE KM	AZ DG
00	0	314	983	18	10	90	1	-1	0	293	323	11	87	0	0
00	2	300	1000	17	10	90	9	39	9	295	324	99	99	9	93
01	0	284	975	17	10	90	9	39	9	295	324	12	90	9	93
01	5	306	990	16	10	90	9	39	9	295	324	11	91	9	99
02	0	325	925	15	12	90	9	39	9	295	324	9	91	9	99
02	8	1666	900	13	11	120	3	-2	2	295	320	9	90	9	99
03	4	1302	975	11	11	170	5	-0	6	285	320	9	90	9	99
04	2	1546	950	11	9	172	3	-0	6	285	321	9	90	9	99
05	1	1795	925	10	9	189	7	-1	8	289	323	9	90	9	99
06	0	2051	900	8	8	151	7	-2	9	300	323	9	90	9	99
07	7	2314	775	5	5	144	1	-2	9	302	321	9	90	9	99
08	7	2583	750	5	4	157	1	-1	6	303	322	9	90	9	99
09	7	2860	725	3	3	171	1	-0	4	303	322	9	90	9	99
10	7	3145	700	2	2	151	0	-0	4	305	322	9	90	9	99
11	7	3428	675	0	2	140	4	-1	4	305	320	9	90	9	99
12	7	3710	650	-2	2	161	7	-1	4	308	321	9	90	9	99
13	7	4002	625	-3	2	180	4	-0	6	310	321	9	90	9	99
14	7	4274	600	-4	2	160	6	-0	6	311	319	9	90	9	99
15	7	4561	575	-7	2	142	5	-1	6	311	318	9	90	9	99
16	3	4853	550	-9	1	174	8	-0	1	315	320	9	90	9	99
17	4	5142	525	-10	4	267	5	2	9	318	321	9	90	9	99
18	7	5437	500	-12	1	283	7	3	4	320	321	9	90	9	99
19	7	5727	475	-14	2	315	7	3	1	320	324	9	90	9	99
20	1	6016	450	-18	2	303	3	0	1	322	324	9	90	9	99
21	3	6306	425	-19	0	287	1	7	1	323	324	9	90	9	99
22	3	6595	400	-23	4	305	3	0	3	324	325	9	90	9	99
23	3	6884	375	-26	5	294	2	0	3	326	327	9	90	9	99
24	3	7173	350	-31	0	295	5	10	3	327	327	9	90	9	99
25	3	7462	325	-35	2	284	0	10	3	328	328	9	90	9	99
26	3	7751	300	-38	5	266	2	10	3	329	329	9	90	9	99
27	3	8040	275	-44	4	286	0	11	3	330	329	9	90	9	99
28	3	8329	250	-49	2	268	0	11	3	332	329	9	90	9	99
29	3	8618	225	-55	0	278	8	17	3	335	329	9	90	9	99
30	3	8907	200	-61	0	285	8	21	3	338	329	9	90	9	99
31	3	9196	175	-67	0	284	8	20	4	343	329	9	90	9	99
32	3	9485	150	-73	5	280	1	17	3	344	329	9	90	9	99
33	3	9774	125	-84	7	290	6	13	6	380	329	9	90	9	99
34	3	10063	100	-94	1	287	0	11	4	438	329	9	90	9	99
35	3	10352	75	-102	2	287	0	11	4	501	329	9	90	9	99
36	3	10641	50	-111	0	220	2	1	8	638	329	9	90	9	99
37	3	10930	25	-121	0	99	9	9	9	99	329	9	90	9	99

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE ON 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 281  
DEL RIO, TEXAS  
1 MAY 1962  
1715 GMT

TIME MIN	CHTY	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT I DG K	E POT Y DG M	ML R TO CM/KG	RH PCT	RANGE KM	AZ DG
00	00	314.0	903.0	22.2	18.3	170.0	2.0	-0.5	2.0	288.0	328.4	11.2	05	0	0
00	00	300.3	875.0	20.0	14.2	099.0	09.0	09.0	09.0	295.9	323.0	99.9	99.9	0	0
00	02	014.4	050.0	18.4	13.0	099.0	09.0	09.0	09.0	295.9	323.0	10.5	75	1	0
01	12	042.0	025.0	16.1	12.0	099.0	09.0	09.0	09.0	295.8	324.7	10.8	86	2	0
02	18	075.0	000.0	14.1	10.2	099.0	09.0	09.0	09.0	295.8	324.7	10.4	92	0	0
03	24	121.0	075.0	12.5	09.1	125.2	4.3	-1.5	2.5	297.0	321.8	8.0	60	5	0
04	30	187.0	050.0	10.0	08.1	147.0	4.4	-2.0	3.2	298.0	321.8	8.0	61	8	0
05	36	1807.0	025.0	08.0	08.1	150.0	4.3	-1.5	3.2	298.0	321.8	8.5	90	2	0
06	42	2064.1	000.0	08.0	07.0	150.0	4.2	-2.4	4.0	300.5	323.7	8.5	90	2	0
07	48	2327.0	775.0	7.3	6.7	145.5	4.2	-2.4	3.4	301.0	323.6	8.0	95	4	1
08	54	2500.0	750.0	5.0	6.7	145.5	3.9	-2.0	3.4	302.0	323.6	8.0	94	6	1
09	00	2673.7	725.0	3.0	3.3	134.1	3.0	-2.0	3.3	303.0	322.4	6.7	86	8	1
10	06	3150.7	700.0	2.5	3.0	162.0	3.0	-1.0	3.3	305.2	323.2	6.4	87	2	2
11	12	3452.3	675.0	0.9	0.5	182.0	3.2	-1.0	3.1	308.7	323.4	5.9	90	2	2
12	18	3755.3	650.0	-1.0	-1.5	181.0	2.9	-0.9	2.7	307.0	323.1	5.3	90	5	2
13	24	4067.0	625.0	-2.0	-0.9	186.1	2.9	0.0	2.8	309.2	323.1	5.3	90	5	2
14	30	4300.0	600.0	-4.0	0.0	197.0	3.0	1.2	3.0	310.0	323.0	5.5	90	2	5
15	36	4723.1	575.0	-6.0	0.0	210.0	3.3	2.0	3.0	312.2	322.2	5.5	90	2	9
16	42	5000.0	550.0	-8.0	0.0	250.0	3.9	3.0	3.0	314.3	322.2	5.5	90	2	9
17	48	5420.7	525.0	-10.0	0.0	284.0	4.0	4.0	0.5	316.0	320.0	5.5	90	2	8
18	54	5800.4	500.0	-11.0	0.0	294.2	4.0	4.0	0.5	319.3	321.0	5.5	90	2	8
19	00	6107.0	475.0	-13.0	0.0	277.0	4.0	4.0	0.2	321.3	322.7	5.5	90	2	8
20	06	6400.0	450.0	-15.0	0.0	277.0	4.7	3.0	-0.7	322.0	324.0	5.5	90	2	8
21	12	6800.0	425.0	-18.0	0.0	280.0	4.7	3.0	-1.1	323.0	324.0	5.5	90	2	8
22	18	7000.0	400.0	-20.0	0.0	280.0	4.0	2.0	-1.1	323.0	324.0	5.5	90	2	8
23	24	7401.2	375.0	-22.0	0.0	284.2	4.0	2.0	-1.2	325.0	327.7	5.5	90	2	8
24	30	7801.0	350.0	-24.0	0.0	287.5	4.0	2.0	-1.2	327.0	328.5	5.5	90	2	8
25	36	8200.0	325.0	-26.0	0.0	287.5	4.0	2.0	-2.0	328.0	328.5	5.5	90	2	8
26	42	8600.0	300.0	-28.0	0.0	287.5	4.0	2.0	-2.0	328.0	328.5	5.5	90	2	8
27	48	9000.0	275.0	-30.0	0.0	287.5	4.0	2.0	-2.0	330.5	328.5	5.5	90	2	8
28	54	9400.0	250.0	-32.0	0.0	287.5	4.0	2.0	-2.0	332.7	328.5	5.5	90	2	8
29	00	9800.0	225.0	-34.0	0.0	287.5	4.0	2.0	-2.0	335.9	328.5	5.5	90	2	8
30	06	10100.0	200.0	-36.0	0.0	287.5	4.0	2.0	-2.0	338.1	328.5	5.5	90	2	8
31	12	10400.0	175.0	-38.0	0.0	287.5	4.0	2.0	-2.0	340.0	328.5	5.5	90	2	8
32	18	10700.0	150.0	-40.0	0.0	287.5	4.0	2.0	-2.0	342.0	328.5	5.5	90	2	8
33	24	11000.0	125.0	-42.0	0.0	287.5	4.0	2.0	-2.0	345.0	328.5	5.5	90	2	8
34	30	11400.0	100.0	-44.0	0.0	287.5	4.0	2.0	-2.0	348.0	328.5	5.5	90	2	8
35	36	11800.0	75.0	-46.0	0.0	287.5	4.0	2.0	-2.0	351.0	328.5	5.5	90	2	8
36	42	12200.0	50.0	-48.0	0.0	287.5	4.0	2.0	-2.0	354.0	328.5	5.5	90	2	8
37	48	12600.0	25.0	-50.0	0.0	287.5	4.0	2.0	-2.0	357.0	328.5	5.5	90	2	8
38	54	13000.0	0.0	-52.0	0.0	287.5	4.0	2.0	-2.0	360.0	328.5	5.5	90	2	8
39	00	13400.0	0.0	-54.0	0.0	287.5	4.0	2.0	-2.0	363.0	328.5	5.5	90	2	8
40	06	13800.0	0.0	-56.0	0.0	287.5	4.0	2.0	-2.0	366.0	328.5	5.5	90	2	8
41	12	14200.0	0.0	-58.0	0.0	287.5	4.0	2.0	-2.0	369.0	328.5	5.5	90	2	8
42	18	14600.0	0.0	-60.0	0.0	287.5	4.0	2.0	-2.0	372.0	328.5	5.5	90	2	8
43	24	15000.0	0.0	-62.0	0.0	287.5	4.0	2.0	-2.0	375.0	328.5	5.5	90	2	8
44	30	15400.0	0.0	-64.0	0.0	287.5	4.0	2.0	-2.0	378.0	328.5	5.5	90	2	8
45	36	15800.0	0.0	-66.0	0.0	287.5	4.0	2.0	-2.0	381.0	328.5	5.5	90	2	8
46	42	16200.0	0.0	-68.0	0.0	287.5	4.0	2.0	-2.0	384.0	328.5	5.5	90	2	8
47	48	16600.0	0.0	-70.0	0.0	287.5	4.0	2.0	-2.0	387.0	328.5	5.5	90	2	8
48	54	17000.0	0.0	-72.0	0.0	287.5	4.0	2.0	-2.0	390.0	328.5	5.5	90	2	8
49	00	17400.0	0.0	-74.0	0.0	287.5	4.0	2.0	-2.0	393.0	328.5	5.5	90	2	8
50	06	17800.0	0.0	-76.0	0.0	287.5	4.0	2.0	-2.0	396.0	328.5	5.5	90	2	8
51	12	18200.0	0.0	-78.0	0.0	287.5	4.0	2.0	-2.0	399.0	328.5	5.5	90	2	8
52	18	18600.0	0.0	-80.0	0.0	287.5	4.0	2.0	-2.0	402.0	328.5	5.5	90	2	8
53	24	19000.0	0.0	-82.0	0.0	287.5	4.0	2.0	-2.0	405.0	328.5	5.5	90	2	8
54	30	19400.0	0.0	-84.0	0.0	287.5	4.0	2.0	-2.0	408.0	328.5	5.5	90	2	8
55	36	19800.0	0.0	-86.0	0.0	287.5	4.0	2.0	-2.0	411.0	328.5	5.5	90	2	8
56	42	20200.0	0.0	-88.0	0.0	287.5	4.0	2.0	-2.0	414.0	328.5	5.5	90	2	8
57	48	20600.0	0.0	-90.0	0.0	287.5	4.0	2.0	-2.0	417.0	328.5	5.5	90	2	8
58	54	21000.0	0.0	-92.0	0.0	287.5	4.0	2.0	-2.0	420.0	328.5	5.5	90	2	8
59	00	21400.0	0.0	-94.0	0.0	287.5	4.0	2.0	-2.0	423.0	328.5	5.5	90	2	8
60	06	21800.0	0.0	-96.0	0.0	287.5	4.0	2.0	-2.0	426.0	328.5	5.5	90	2	8
61	12	22200.0	0.0	-98.0	0.0	287.5	4.0	2.0	-2.0	429.0	328.5	5.5	90	2	8
62	18	22600.0	0.0	-100.0	0.0	287.5	4.0	2.0	-2.0	432.0	328.5	5.5	90	2	8
63	24	23000.0	0.0	-102.0	0.0	287.5	4.0	2.0	-2.0	435.0	328.5	5.5	90	2	8
64	30	23400.0	0.0	-104.0	0.0	287.5	4.0	2.0	-2.0	438.0	328.5	5.5	90	2	8
65	36	23800.0	0.0	-106.0	0.0	287.5	4.0	2.0	-2.0	441.0	328.5	5.5	90	2	8
66	42	24200.0	0.0	-108.0	0.0	287.5	4.0	2.0	-2.0	444.0	328.5	5.5	90	2	8
67	48	24600.0	0.0	-110.0	0.0	287.5	4.0	2.0	-2.0	447.0	328.5	5.5	90	2	8
68	54	25000.0	0.0	-112.0	0.0	287.5	4.0	2.0	-2.0	450.0	328.5	5.5	90	2	8
69	00	25400.0	0.0	-114.0	0.0	287.5	4.0	2.0	-2.0	453.0	328.5	5.5	90	2	8
70	06	25800.0	0.0	-116.0	0.0	287.5	4.0	2.0	-2.0	456.0	328.5	5.5	90	2	8

\* 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 13  
OF POOR QUALITY

TIME MIN	CNTCT	HEIGHT OPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00	0	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	0.0
00	9	99.9	1000.0	99.9	99.9	180.0	99.9	0.0	99.9	99.9	999.5	99.9	999.9	999.9	99.9
00	2	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
00	7	601.2	950.0	20.9	14.5	186.9	2.3	0.3	2.3	298.4	327.7	11.0	67.0	0.1	11.0
01	4	831.6	925.0	18.5	13.8	166.0	3.0	-0.7	2.9	298.3	327.9	11.2	76.2	0.2	8.0
02	2	1066.4	900.0	16.3	13.6	136.8	4.2	-2.0	3.1	298.4	328.0	11.1	85.1	0.4	34.9
03	0	1395.9	875.0	14.2	12.1	18.0	5.9	-5.3	2.6	298.6	325.9	10.2	97.1	0.5	33.1
03	8	1550.5	850.0	12.4	11.1	109.5	8.9	-6.5	2.3	298.2	325.6	9.6	91.3	0.8	31.6
04	7	1801.0	825.0	10.8	9.6	112.2	8.9	-6.5	2.3	300.1	325.0	9.2	91.3	1.1	30.8
05	4	2057.9	800.0	9.6	7.6	116.8	5.5	-4.9	2.7	302.7	324.9	8.2	90.6	1.2	30.5
06	4	2321.5	775.0	8.2	6.8	125.3	4.7	-3.9	2.7	303.7	324.9	8.1	90.6	1.8	30.4
07	5	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	30.5
08	4	2870.3	725.0	5.0	2.7	177.9	3.0	-0.1	2.6	304.9	322.8	6.4	82.9	2.1	30.8
09	4	3156.1	700.0	3.0	1.5	191.9	3.0	0.6	2.6	307.8	323.1	6.1	89.9	2.2	31.1
10	4	3450.3	675.0	1.3	0.5	218.9	3.3	2.2	2.7	307.1	323.9	5.9	94.6	2.3	31.4
11	4	3753.9	650.0	0.0	-1.7	222.5	3.3	2.2	2.5	310.3	324.1	5.0	92.5	2.4	31.8
12	5	4087.5	625.0	-1.9	-2.8	222.5	3.3	2.2	2.5	310.3	324.8	5.0	92.5	2.4	32.4
13	5	4391.2	600.0	-4.5	-5.9	206.0	1.8	0.8	1.8	313.3	322.5	4.1	90.0	2.5	32.8
14	6	4725.9	575.0	-7.2	-10.5	224.2	1.8	1.1	1.2	313.3	322.5	3.0	89.1	2.5	33.0
15	3	5044.0	550.0	-9.2	-12.6	274.5	3.3	3.3	-0.8	315.6	323.3	2.6	84.7	2.5	33.3
16	0	5357.7	525.0	-11.6	-15.1	276.0	5.5	5.4	-0.8	318.1	323.3	1.8	64.5	2.3	34.0
17	3	5672.7	500.0	-14.2	-18.1	272.3	6.1	6.1	-0.3	321.8	325.0	0.9	42.5	2.1	35.1
18	5	5977.7	475.0	-16.8	-20.7	273.3	4.9	4.4	-0.3	322.8	325.4	0.8	24.8	2.1	35.2
19	8	6277.8	450.0	-19.3	-23.6	260.7	4.5	4.4	-0.3	324.3	325.4	0.8	24.2	2.1	35.2
20	5	6576.6	425.0	-21.8	-26.0	269.6	4.3	4.3	-0.3	324.7	325.3	0.4	22.5	2.1	35.3
21	2	6876.3	400.0	-24.3	-28.9	273.6	4.3	4.3	-0.3	324.7	325.3	0.3	20.3	2.1	35.3
22	5	7176.3	375.0	-26.8	-31.0	285.8	6.3	7.8	-2.2	326.0	327.2	0.2	19.0	2.2	35.9
23	8	7476.3	350.0	-29.3	-33.9	288.5	8.2	8.8	-2.2	326.0	327.2	0.2	17.4	2.2	35.9
24	1	7776.3	325.0	-31.8	-36.8	288.5	8.2	8.8	-2.2	326.0	327.2	0.2	17.4	2.2	35.9
25	8	8076.3	300.0	-34.3	-39.7	284.7	11.8	11.4	-3.0	328.4	329.0	0.1	15.3	2.4	37.5
26	1	8376.3	275.0	-36.8	-42.6	284.7	15.8	15.1	-3.9	330.7	331.1	0.1	13.3	2.4	37.5
27	5	8676.3	250.0	-39.3	-45.5	284.7	21.2	20.5	-5.4	333.5	333.5	0.1	11.3	2.4	37.5
28	7	8976.3	225.0	-41.8	-48.4	284.7	25.2	24.5	-5.4	335.5	335.5	0.1	9.3	2.4	37.5
29	1	9276.3	200.0	-44.3	-51.3	278.8	25.0	24.0	-4.3	337.2	337.2	0.1	7.3	2.4	37.5
30	7	9576.3	175.0	-46.8	-53.8	278.8	24.0	24.0	-4.3	340.3	340.3	0.1	5.3	2.4	37.5
31	2	9876.3	150.0	-49.3	-56.3	260.4	24.4	24.4	-4.4	347.6	347.6	0.1	3.3	2.4	37.5
32	7	10176.3	125.0	-51.8	-58.8	260.4	20.4	20.4	-5.0	360.0	360.0	0.1	1.3	2.4	37.5
33	2	10476.3	100.0	-54.3	-61.3	283.7	14.1	14.1	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
34	8	10776.3	75.0	-56.8	-63.8	283.7	6.5	6.5	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
35	4	11076.3	50.0	-59.3	-66.3	287.0	2.0	2.0	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
36	2	11376.3	25.0	-61.8	-68.8	287.0	0.5	0.5	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
37	7	11676.3	0.0	-64.3	-71.3	345.4	0.5	0.5	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
38	2	11976.3	0.0	-66.8	-73.8	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
39	8	12276.3	0.0	-69.3	-76.3	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
40	4	12576.3	0.0	-71.8	-78.8	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
41	8	12876.3	0.0	-74.3	-81.3	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
42	4	13176.3	0.0	-76.8	-83.8	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
43	8	13476.3	0.0	-79.3	-86.3	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
44	4	13776.3	0.0	-81.8	-88.8	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
45	8	14076.3	0.0	-84.3	-91.3	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
46	4	14376.3	0.0	-86.8	-93.8	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
47	8	14676.3	0.0	-89.3	-96.3	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
48	4	14976.3	0.0	-91.8	-98.8	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
49	8	15276.3	0.0	-94.3	-101.3	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
50	4	15576.3	0.0	-96.8	-103.8	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
51	8	15876.3	0.0	-99.3	-106.3	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
52	4	16176.3	0.0	-101.8	-108.8	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
53	8	16476.3	0.0	-104.3	-111.3	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
54	4	16776.3	0.0	-106.8	-113.8	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
55	8	17076.3	0.0	-109.3	-116.3	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
56	4	17376.3	0.0	-111.8	-118.8	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
57	8	17676.3	0.0	-114.3	-121.3	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
58	4	17976.3	0.0	-116.8	-123.8	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
59	8	18276.3	0.0	-119.3	-126.3	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
60	4	18576.3	0.0	-121.8	-128.8	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
61	8	18876.3	0.0	-124.3	-131.3	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
62	4	19176.3	0.0	-126.8	-133.8	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
63	8	19476.3	0.0	-129.3	-136.3	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
64	4	19776.3	0.0	-131.8	-138.8	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
65	8	20076.3	0.0	-134.3	-141.3	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
66	4	20376.3	0.0	-136.8	-143.8	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
67	8	20676.3	0.0	-139.3	-146.3	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
68	4	20976.3	0.0	-141.8	-148.8	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
69	8	21276.3	0.0	-144.3	-151.3	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
70	4	21576.3	0.0	-146.8	-153.8	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
71	8	21876.3	0.0	-149.3	-156.3	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
72	4	22176.3	0.0	-151.8	-158.8	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
73	8	22476.3	0.0	-154.3	-161.3	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
74	4	22776.3	0.0	-156.8	-163.8	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
75	8	23076.3	0.0	-159.3	-166.3	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
76	4	23376.3	0.0	-161.8	-168.8	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
77	8	23676.3	0.0	-164.3	-171.3	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
78	4	23976.3	0.0	-166.8	-173.8	189.8	1.7	1.7	-5.0	360.0	360.0	0.1	0.3	2.4	37.5
79	8	24276.3	0.0	-169.3	-176.3	189.8	1.7	1.7	-5.0	360.0	3				

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 261  
DEL RIO, TEXAS  
1 MAY 1982  
2300 GMT

TIME MIN	CNTOT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00	00	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
01	01	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02	02	362.1	975.0	22.1	15.4	121.3	6.5	-5.5	3.4	267.5	327.5	11.4	65.4	0.1	287
03	03	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
04	04	618.1	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
05	05	1052.0	900.0	16.3	13.6	145.9	6.1	-3.4	5.0	298.4	327.3	10.6	83.6	1.1	301
06	06	1292.7	875.0	14.5	12.7	140.8	7.1	-4.5	5.5	298.9	327.3	10.6	88.5	1.4	307
07	07	1532.6	850.0	12.9	11.6	130.7	6.9	-5.2	4.5	298.2	328.4	9.7	94.2	1.7	308
08	08	1786.2	825.0	10.9	10.5	123.4	6.0	-5.0	3.3	300.1	328.4	9.7	97.1	2.1	308
09	09	2044.9	800.0	9.3	8.8	145.2	3.9	-2.2	3.2	301.1	325.7	8.5	96.9	2.3	307
10	10	2308.4	775.0	7.9	6.6	183.6	2.9	0.2	2.6	302.3	325.7	8.5	96.9	2.4	307
11	11	2578.9	750.0	6.4	6.1	238.8	1.7	1.4	0.9	303.5	325.5	7.9	97.6	2.5	312
12	12	2856.8	725.0	4.3	4.0	228.4	2.2	1.6	1.5	304.2	324.0	7.1	97.5	2.4	315
13	13	3142.3	700.0	3.0	2.4	229.8	2.0	1.5	1.3	305.8	324.3	6.5	96.1	2.4	318
14	14	3436.6	675.0	1.5	1.1	298.3	1.0	0.9	-0.5	307.3	324.9	6.1	97.0	2.4	320
15	15	3740.0	650.0	-0.7	-1.1	35.0	0.7	-0.4	-1.0	308.2	324.6	5.3	95.2	2.4	319
16	16	4053.3	625.0	-2.2	-2.7	35.0	0.7	-0.4	-0.5	310.0	324.7	5.0	95.4	2.3	318
17	17	4376.7	600.0	-4.8	-11.5	108.7	0.6	-0.6	0.2	312.4	318.6	2.2	59.4	2.3	317
18	18	4710.5	575.0	-7.8	-17.2	263.7	3.3	2.5	0.1	314.9	319.0	2.2	53.0	2.3	320
19	19	5057.2	550.0	-10.2	-22.9	305.7	3.7	3.0	-1.3	314.9	320.6	1.8	46.8	2.3	324
20	20	5417.8	525.0	-12.5	-32.1	305.7	4.7	3.0	-2.4	316.2	319.6	1.1	34.3	1.9	326
21	21	5792.1	500.0	-17.7	-36.2	299.1	5.0	4.4	-2.5	318.6	319.6	0.5	17.6	1.8	331
22	22	6182.1	475.0	-17.4	-38.1	299.1	5.1	4.8	-1.9	319.6	321.0	0.4	14.0	1.3	340
23	23	6589.3	450.0	-17.4	-38.1	299.1	5.1	4.8	-1.9	321.4	322.4	0.4	13.0	1.0	355
24	24	7015.1	425.0	-20.3	-41.6	289.5	6.7	6.3	-2.2	322.9	323.7	0.2	12.6	1.2	361
25	25	7461.3	400.0	-23.6	-45.2	289.7	7.0	6.8	-2.4	324.3	324.9	0.2	11.6	1.2	361
26	26	7929.6	375.0	-27.3	-49.2	277.6	7.7	7.6	-1.0	325.4	325.6	0.1	10.4	1.8	78
27	27	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
28	28	8945.4	325.0	-34.0	-58.7	284.6	16.5	16.0	-4.2	329.8	330.0	0.1	6.0	4.4	91
29	29	9501.7	300.0	-37.4	-63.4	282.9	20.8	20.3	-5.3	332.7	999.9	99.9	99.9	6.8	98
30	30	10096.8	275.0	-42.0	-69.9	282.3	24.9	24.3	-5.3	334.4	999.9	99.9	99.9	9.7	98
31	31	10734.9	250.0	-47.1	-77.9	280.9	28.9	28.4	-5.1	336.0	999.9	99.9	99.9	12.9	99
32	32	11422.8	225.0	-53.2	-86.9	277.3	30.5	30.3	-3.9	337.1	999.9	99.9	99.9	16.9	99
33	33	12170.7	200.0	-59.5	-96.9	276.9	31.7	31.5	-3.4	338.6	999.9	99.9	99.9	21.8	98
34	34	12998.4	175.0	-65.5	-106.9	276.9	28.3	28.1	-3.4	345.1	999.9	99.9	99.9	26.9	98
35	35	13953.8	150.0	-60.3	-99.9	277.2	23.8	23.6	-3.0	368.2	999.9	99.9	99.9	31.8	98
36	36	15078.8	125.0	-64.3	-95.9	266.4	20.7	19.9	-5.8	378.6	999.9	99.9	99.9	36.7	98
37	37	16430.6	100.0	-67.6	-99.9	290.0	14.4	13.5	-4.9	397.1	999.9	99.9	99.9	41.0	98
38	38	18175.4	75.0	-65.9	-99.9	279.0	7.6	7.5	-1.2	434.6	999.9	99.9	99.9	45.6	100
39	39	20662.0	50.0	-59.8	-99.9	114.6	3.2	-2.9	-1.3	502.7	999.9	99.9	99.9	45.6	100
40	40	25099.8	25.0	-50.3	-99.9	317.5	6.3	-4.3	-1.4	640.2	999.9	99.9	99.9	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

TIME MIN	QNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	156 23 0
00	0	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
00	99	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
00	2	368.2	975.0	22.0	15.2	122.6	9.1	-7.7	4.9	297.4	327.1	11.2	85.1	0.1	295
01	13	59.2	955.0	21.6	13.6	131.6	8.4	-6.9	4.8	299.1	327.3	10.5	81.3	0.4	300
01	15	825.2	925.0	19.4	12.2	131.2	7.6	-5.8	5.6	299.2	327.0	10.4	87.5	0.1	304
02	15	1060.5	900.0	17.2	12.9	139.2	7.4	-4.8	5.6	299.2	327.3	10.5	87.5	1.1	307
03	16	1300.7	875.0	14.8	11.9	140.8	7.9	-4.4	5.0	299.2	327.4	10.4	87.1	1.8	312
04	20	1545.8	850.0	12.8	9.3	140.8	6.5	-4.1	5.0	299.8	327.4	10.4	87.5	1.8	315
05	23	1796.5	825.0	11.3	7.6	128.2	4.6	-3.4	3.6	300.8	325.0	9.2	87.5	2.1	314
06	25	2053.9	800.0	10.4	6.8	132.5	4.6	-3.3	3.1	302.2	324.8	8.2	83.7	2.4	314
06	28	2317.9	775.0	8.2	5.7	143.6	3.9	-2.3	3.1	302.7	324.9	8.1	80.7	2.8	314
07	37	2568.6	750.0	6.3	5.7	153.5	3.6	-1.9	2.6	303.4	324.7	7.1	85.8	3.0	316
08	33	2868.4	725.0	4.5	4.2	144.1	3.2	-2.1	1.6	305.4	324.3	6.8	97.5	3.0	316
09	36	3152.2	700.0	2.9	2.5	120.9	2.4	-2.1	1.3	307.0	324.3	6.0	96.9	3.3	315
10	38	3446.6	675.0	1.2	0.8	120.9	2.4	-0.2	1.3	309.0	323.9	4.8	81.2	3.4	315
11	5	3750.4	650.0	-0.0	-2.3	260.1	2.4	3.6	-0.2	309.8	323.4	4.8	89.5	3.4	316
12	8	4063.8	625.0	-3.2	-7.4	273.3	3.8	3.6	-0.2	312.4	323.5	3.7	73.4	3.2	322
13	4	4387.7	600.0	-4.5	-11.7	264.5	3.6	3.6	-0.4	314.7	323.0	2.5	57.1	3.0	326
14	7	4724.4	575.0	-7.4	-13.2	279.1	3.6	3.6	-0.6	315.3	323.1	2.5	62.9	3.1	322
15	8	5072.9	550.0	-8.0	-18.1	312.7	2.4	1.5	-0.9	317.7	323.3	1.7	47.1	3.0	328
16	4	5434.3	525.0	-9.0	-31.2	322.7	2.4	1.5	-0.9	320.9	322.8	0.6	15.7	2.8	327
17	1	5811.3	500.0	-12.4	-34.9	327.8	2.2	2.2	-0.9	322.8	322.8	0.4	13.3	2.8	331
18	9	6205.1	475.0	-15.7	-37.9	257.7	2.1	3.0	0.5	323.5	324.7	0.3	13.0	2.5	335
21	3	6615.5	450.0	-19.1	-39.9	259.3	4.9	4.8	0.8	324.1	325.4	0.2	13.5	2.4	335
22	7	7043.6	425.0	-23.0	-43.3	264.3	5.7	5.7	0.6	325.1	325.9	0.1	13.5	2.4	335
25	9	7491.6	400.0	-29.1	-49.2	274.1	7.8	7.7	-0.6	327.3	327.7	0.1	8.0	2.5	342
27	8	7981.6	375.0	-32.4	-52.0	285.1	9.6	9.6	-2.6	329.5	329.8	0.4	56.2	2.8	344
29	5	8457.7	350.0	-38.3	-58.2	282.8	15.4	15.4	-3.5	332.0	333.6	0.4	56.2	3.3	344
31	5	8984.0	325.0	-41.5	-66.3	278.4	21.0	20.7	-3.1	334.2	335.9	0.4	56.2	3.3	344
33	4	9543.9	300.0	-47.4	-74.4	274.2	24.3	24.3	-1.8	335.1	335.9	0.4	56.2	3.3	344
35	5	10140.7	275.0	-54.0	-81.9	270.7	27.1	27.1	-0.3	335.8	339.9	0.4	56.2	3.3	344
37	9	10779.2	250.0	-60.7	-89.9	270.7	28.2	28.2	-0.3	336.6	339.9	0.4	56.2	3.3	344
40	4	11468.0	200.0	-64.2	-99.9	274.4	27.6	27.6	-1.9	340.0	339.9	0.4	56.2	3.3	344
43	4	12210.4	175.0	-64.2	-99.9	274.4	27.6	27.6	-2.1	340.0	339.9	0.4	56.2	3.3	344
46	6	13035.2	150.0	-64.5	-99.9	272.2	23.2	23.2	-0.6	340.0	339.9	0.4	56.2	3.3	344
51	0	13983.7	125.0	-66.2	-99.9	285.9	18.3	17.6	-0.5	340.0	339.9	0.4	56.2	3.3	344
55	0	15107.0	100.0	-67.5	-99.9	282.4	11.9	11.6	-2.1	340.0	339.9	0.4	56.2	3.3	344
58	2	16452.1	75.0	-67.5	-99.9	282.4	7.4	7.1	-2.1	340.0	339.9	0.4	56.2	3.3	344
62	8	18182.6	50.0	-67.5	-99.9	282.4	3.6	3.6	-2.1	340.0	339.9	0.4	56.2	3.3	344
67	3	20652.7	25.0	-67.5	-99.9	282.4	3.6	3.6	-2.1	340.0	339.9	0.4	56.2	3.3	344
67	3	23057.2	25.0	-54.2	-99.9	99.9	99.9	-99.9	-99.9	494.4	999.0	99.9	99.9	99.9	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 261  
DEL RIO, TEXAS

2 MAY 1982  
515 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/KC	RH PCT	RANGE KM	AZ DG
00	0	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
01	9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02	8	374.2	975.0	20.0	15.8	123.9	8.4	-7.0	4.7	265.5	326.1	11.7	99.9	0	0
03	7	599.1	950.0	20.0	16.2	134.4	10.9	-7.8	7.6	297.5	329.9	12.3	75.9	0	0
04	6	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
05	5	1063.5	900.0	18.3	13.4	146.2	9.5	-5.3	7.9	298.3	327.0	10.8	83.0	1	1
06	4	1302.9	875.0	14.3	12.7	149.4	8.1	-4.1	6.4	298.6	327.0	10.6	90.3	1	1
07	3	1547.2	850.0	11.4	11.4	150.5	7.3	-3.6	6.4	299.0	327.0	10.1	94.9	2	2
08	2	1797.9	825.0	8.6	10.5	152.6	5.8	-2.9	5.5	301.2	325.3	9.4	95.8	2	2
09	1	2048.5	800.0	6.0	9.5	154.0	4.6	-2.2	5.0	302.5	322.7	8.6	93.6	2	2
10	0	2298.0	775.0	4.7	8.6	125.3	3.9	-3.2	4.2	303.7	322.6	7.5	83.4	3	3
11	0	2548.4	750.0	4.7	8.6	122.6	3.2	-2.1	2.5	304.7	322.5	6.8	79.0	3	3
12	0	2808.3	725.0	3.5	7.5	140.6	3.2	-1.1	2.5	308.0	322.5	5.7	80.6	3	3
13	0	3058.4	700.0	3.1	6.6	176.0	3.6	0.3	3.8	308.9	322.5	5.0	76.0	3	3
14	0	3308.5	675.0	2.1	5.4	185.4	3.6	0.3	3.8	308.9	322.5	4.9	83.9	4	4
15	0	3558.4	650.0	1.1	4.7	202.4	2.9	1.0	2.5	310.3	325.4	5.2	86.4	4	4
16	0	3808.5	625.0	0.0	3.5	245.5	4.1	3.7	1.7	312.7	324.0	3.8	98.4	4	4
17	0	4058.4	600.0	-1.9	2.5	242.9	4.5	4.0	2.2	315.6	322.8	2.9	73.4	3	3
18	0	4308.5	575.0	-3.7	1.9	249.6	4.8	5.0	2.2	319.2	322.8	1.6	58.3	3	3
19	0	4558.4	550.0	-5.3	1.1	260.8	5.4	4.3	1.9	319.2	323.3	1.2	30.0	4	4
20	0	4808.5	525.0	-7.7	0.2	268.8	4.6	4.6	0.7	320.6	323.4	0.9	30.0	4	4
21	0	5058.4	500.0	-10.3	-0.4	283.5	4.7	4.5	0.7	321.7	323.9	0.7	22.3	4	4
22	0	5308.5	475.0	-13.2	-1.1	287.2	5.3	5.7	0.5	324.1	325.3	0.6	22.3	4	4
23	0	5558.4	450.0	-16.3	-1.8	287.5	6.9	6.7	0.5	324.1	325.3	0.6	17.4	4	4
24	0	5808.5	425.0	-19.4	-2.4	292.6	7.3	7.3	1.0	325.9	326.7	0.5	14.0	4	4
25	0	6058.4	400.0	-22.4	-3.4	271.0	7.9	7.9	0.2	326.8	328.1	0.7	14.0	4	4
26	0	6308.5	375.0	-25.3	-4.2	269.0	13.5	13.5	-0.2	326.8	331.0	0.6	80.0	5	5
27	0	6558.4	350.0	-28.8	-5.4	278.5	18.5	18.5	-2.7	330.7	333.0	0.6	92.5	6	6
28	0	6808.5	325.0	-33.4	-6.8	275.1	19.3	19.2	-1.7	332.7	333.9	0.5	99.9	6	6
29	0	7058.4	300.0	-37.4	-8.4	269.9	21.0	21.0	0.0	333.5	333.9	0.5	99.9	6	6
30	0	7308.5	275.0	-42.7	-9.9	269.9	24.3	24.3	1.3	333.5	333.9	0.5	99.9	6	6
31	0	7558.4	250.0	-48.7	-11.4	262.9	24.2	24.1	3.3	337.3	333.9	0.5	99.9	6	6
32	0	7808.5	225.0	-54.6	-13.4	268.5	27.2	27.2	2.7	344.0	333.9	0.5	99.9	6	6
33	0	8058.4	200.0	-60.2	-15.4	268.5	27.2	27.2	0.8	378.0	333.9	0.5	99.9	6	6
34	0	8308.5	175.0	-64.2	-17.4	267.9	22.6	22.6	-0.2	395.5	333.9	0.5	99.9	6	6
35	0	8558.4	150.0	-68.4	-19.4	277.4	16.4	16.3	0.2	429.2	333.9	0.5	99.9	6	6
36	0	8808.5	125.0	-68.4	-19.4	269.9	10.6	10.6	-3.6	493.5	333.9	0.5	99.9	6	6
37	0	9058.4	100.0	-68.4	-19.4	269.9	4.4	4.4	0.9	627.4	333.9	0.5	99.9	6	6
38	0	9308.5	75.0	-68.4	-19.4	269.9	0.9	0.9	0.9	627.4	333.9	0.5	99.9	6	6
39	0	9558.4	50.0	-68.4	-19.4	269.9	0.9	0.9	0.9	627.4	333.9	0.5	99.9	6	6
40	0	9808.5	25.0	-68.4	-19.4	269.9	0.9	0.9	0.9	627.4	333.9	0.5	99.9	6	6
41	0	10058.4	0.0	-68.4	-19.4	269.9	0.9	0.9	0.9	627.4	333.9	0.5	99.9	6	6

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
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 \*\*\*\* BY TEMP MEANS MISSING DATA STRA... NEEDS 5 CONTACTS

ORIGINAL PAGE 13  
OF POOR QUALITY

STATION NO 261  
DEL RIO, TEXAS  
2 MAY 1982  
1100 GMT

MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DC C	DEM PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RIO GM/KG	RH PCT	RANGF 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	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	8.9	373.8	975.0	17.9	17.6	121.8	9.9	-8.4	5.2	293.1	327.0	13.1	98.9	0.2	302
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	328.6	11.5	98.7	1.4	316
3.2	18.4	1294.0	875.0	13.0	12.8	148.2	9.3	-4.9	7.9	297.3	328.7	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	8.8	98.3	2.5	323
5.7	25.9	2045.8	800.0	8.8	8.5	166.6	6.2	-1.4	5.0	300.6	324.5	8.0	98.1	2.7	326
6.5	28.4	2308.8	775.0	7.5	7.2	187.7	5.6	-1.2	5.5	301.8	323.8	8.5	98.4	3.1	328
7.5	31.0	2578.6	750.0	5.8	5.7	178.0	5.4	-0.2	5.4	302.9	323.1	8.5	98.3	3.3	331
8.6	33.7	2856.2	725.0	4.5	4.3	165.0	5.4	-1.7	5.2	304.5	324.3	7.8	98.7	3.3	333
9.4	36.4	3142.1	700.0	3.2	2.9	152.7	5.3	-2.4	4.7	306.0	325.2	6.2	97.4	4.2	333
10.5	39.2	3436.6	675.0	1.6	1.2	133.8	1.5	-0.4	4.4	307.4	325.2	5.1	97.1	4.4	333
11.5	42.0	3740.5	650.0	-0.0	-2.1	272.0	8.6	2.7	-2.5	308.6	321.2	3.7	84.6	4.0	337
12.6	45.0	4054.2	625.0	-3.1	-7.2	285.2	7.5	7.3	-2.0	312.5	323.6	3.7	73.4	3.6	342
13.7	48.0	4378.6	600.0	-5.3	-11.3	285.5	6.2	6.0	-1.7	313.8	322.4	2.8	62.3	3.4	350
15.0	51.0	4714.5	575.0	-7.6	-14.9	268.4	6.9	6.2	0.2	315.1	322.0	2.2	58.1	3.3	358
16.2	54.3	5062.4	550.0	-9.5	-24.5	254.1	8.4	5.1	1.8	317.0	320.3	1.0	29.0	3.4	37
17.6	60.9	5423.1	525.0	-11.6	-32.5	246.9	5.1	4.8	2.2	318.9	320.6	0.5	15.6	3.8	14
18.9	67.9	5798.6	500.0	-14.0	-38.5	243.6	4.8	4.0	2.4	320.6	321.6	0.3	10.6	4.0	19
20.4	74.4	6189.9	475.0	-16.6	-39.8	240.0	4.6	4.0	2.3	322.4	323.4	0.2	9.9	4.3	23
21.8	81.8	6598.2	450.0	-18.6	-43.6	238.8	4.7	4.0	2.3	323.6	324.3	0.2	9.9	4.6	26
23.3	89.7	7025.5	425.0	-23.9	-33.1	250.1	5.6	5.3	1.9	325.9	325.0	0.6	42.4	5.0	29
24.9	97.7	7471.6	400.0	-28.9	-38.7	257.2	5.5	5.4	0.4	326.1	325.0	0.9	47.8	5.4	34
26.5	105.7	7939.7	375.0	-33.9	-33.4	263.7	5.5	5.4	0.4	326.1	325.0	0.6	72.7	6.1	43
28.2	113.7	8434.8	350.0	-38.1	-38.4	263.7	12.1	12.0	0.2	326.1	325.0	0.4	58.2	7.3	49
29.9	121.7	8958.5	325.0	-34.1	-39.9	245.9	14.0	14.0	6.2	326.1	325.0	0.9	99.9	9.2	51
31.6	129.7	9512.6	300.0	-39.2	-39.9	238.0	16.6	16.6	10.1	326.1	325.0	0.9	99.9	11.9	52
33.3	137.7	10101.3	275.0	-44.9	-39.9	238.9	18.7	18.7	11.2	326.1	325.0	0.9	99.9	14.9	55
35.0	145.7	10733.1	250.0	-48.7	-39.9	248.7	21.2	21.2	17.7	326.1	325.0	0.9	99.9	17.8	58
36.7	153.7	11418.0	225.0	-54.1	-39.9	255.9	25.3	25.3	5.1	326.1	325.0	0.9	99.9	21.0	61
38.4	161.7	12164.8	200.0	-58.5	-39.9	262.8	30.4	30.4	3.2	326.1	325.0	0.9	99.9	25.5	66
40.1	169.7	12942.6	175.0	-61.5	-39.9	270.6	32.9	32.9	-0.8	326.1	325.0	0.9	99.9	30.4	70
41.8	177.7	13797.0	150.0	-62.9	-39.9	272.0	22.9	22.9	0.4	326.1	325.0	0.9	99.9	33.9	73
43.5	185.7	14688.1	125.0	-64.1	-39.9	271.8	14.2	14.2	-0.1	326.1	325.0	0.9	99.9	37.0	74
45.2	193.7	15608.0	100.0	-67.9	-39.9	270.5	12.1	12.1	0.1	326.1	325.0	0.9	99.9	39.7	76
46.9	201.7	16416.0	75.0	-68.4	-39.9	263.3	6.4	6.4	0.8	326.1	325.0	0.9	99.9	40.0	77
48.6	209.7	18145.3	50.0	-59.5	-39.9	187.7	3.3	3.3	3.3	326.1	325.0	0.9	99.9	39.6	77
50.3	217.7	20621.3	25.0	-52.7	-39.9	321.1	3.5	3.4	4.4	326.1	325.0	0.9	99.9	40.0	77
52.0	225.7	23014.9	25.0	-52.7	-39.9	321.1	3.5	3.4	4.4	326.1	325.0	0.9	99.9	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 1962  
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	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
05	98.8	99.8	1000.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
09	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
10	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
16	99.9	1064.1	900.0	10.2	8.6	76.6	6.2	-7.6	-0.3	292.0	314.4	8.3	97.4	0	0
18	99.9	1298.6	875.0	8.6	7.9	61.9	5.3	-5.2	-0.7	295.2	316.3	7.9	95.3	1	1
21	3.6	1539.4	825.0	8.1	4.6	61.9	4.3	-3.8	-2.0	297.1	314.8	6.5	79.2	1	1
23	4.4	1766.3	800.0	8.1	3.0	52.4	5.9	-4.7	-3.6	299.8	316.3	6.0	70.4	1	1
24	4.4	2040.9	775.0	6.1	1.1	48.6	6.5	-5.2	-4.6	300.3	315.3	5.4	70.5	1	1
25	4.4	2302.3	750.0	4.9	0.1	37.7	3.8	-4.0	-3.2	301.9	316.6	4.8	72.8	2	2
27	5.5	2570.8	725.0	3.1	0.3	35.7	3.8	-2.2	-2.8	302.9	316.6	4.4	81.5	2	2
28	5.5	2846.8	700.0	0.9	0.9	29.4	2.4	2.2	-0.7	303.5	318.0	4.4	81.5	2	2
29	8.6	3130.7	675.0	0.7	0.5	24.7	1.7	1.6	0.7	304.9	317.5	4.3	81.5	2	2
30	8.6	3422.7	650.0	0.7	0.3	14.3	1.2	-0.7	1.0	308.6	318.6	3.0	81.5	2	2
31	8.6	3733.2	625.0	0.7	0.3	11.8	1.6	-0.7	0.8	308.6	318.6	3.0	81.5	2	2
32	8.6	4034.3	600.0	0.7	0.3	11.8	1.6	-0.7	0.8	310.7	319.1	2.8	81.5	2	2
33	8.6	4357.4	575.0	0.7	0.3	11.8	1.6	-0.7	0.8	312.0	317.1	2.8	81.5	2	2
34	8.6	4691.1	550.0	0.6	0.6	8.7	2.5	-2.4	-0.7	314.1	316.9	2.8	81.5	2	2
35	8.6	5037.1	525.0	0.6	0.6	7.6	2.9	-2.4	-0.6	316.6	316.9	2.8	81.5	2	2
36	8.6	5397.3	500.0	0.6	0.6	7.6	2.9	-2.4	-0.6	315.6	322.3	2.8	81.5	2	2
37	8.6	5771.1	475.0	0.6	0.6	4.5	4.5	-2.7	-1.8	317.6	322.3	2.8	81.5	2	2
38	8.6	6161.1	450.0	0.6	0.6	5.1	5.8	-2.4	-1.5	319.4	323.2	2.8	81.5	2	2
39	8.6	6567.9	425.0	0.6	0.6	12.0	5.8	-1.2	-1.2	321.0	324.3	2.8	81.5	2	2
40	8.6	6993.3	400.0	0.6	0.6	4.8	6.4	-0.5	-0.7	322.3	324.3	2.8	81.5	2	2
41	8.6	7438.0	375.0	0.6	0.6	3.2	6.8	0.5	-0.3	323.3	325.1	2.8	81.5	2	2
42	8.6	7904.5	350.0	0.6	0.6	3.2	6.8	0.5	-0.3	324.1	325.6	2.8	81.5	2	2
43	8.6	8395.4	325.0	0.6	0.6	3.2	6.8	0.5	-0.3	325.3	326.3	2.8	81.5	2	2
44	8.6	8914.1	300.0	0.6	0.6	3.2	6.8	0.5	-0.3	326.3	327.0	2.8	81.5	2	2
45	8.6	9463.7	275.0	0.6	0.6	3.2	6.8	0.5	-0.3	327.6	327.6	2.8	81.5	2	2
46	8.6	10048.7	250.0	0.6	0.6	3.2	6.8	0.5	-0.3	328.2	328.2	2.8	81.5	2	2
47	8.6	10674.2	225.0	0.6	0.6	3.2	6.8	0.5	-0.3	329.3	329.3	2.8	81.5	2	2
48	8.6	11349.3	200.0	0.6	0.6	3.2	6.8	0.5	-0.3	331.3	331.3	2.8	81.5	2	2
49	8.6	12066.7	175.0	0.6	0.6	3.2	6.8	0.5	-0.3	336.2	336.2	2.8	81.5	2	2
50	8.6	12811.3	150.0	0.6	0.6	3.2	6.8	0.5	-0.3	343.6	343.6	2.8	81.5	2	2
51	8.6	13658.1	125.0	0.6	0.6	3.2	6.8	0.5	-0.3	379.7	379.7	2.8	81.5	2	2
52	8.6	14563.5	100.0	0.6	0.6	3.2	6.8	0.5	-0.3	436.9	436.9	2.8	81.5	2	2
53	8.6	15480.0	75.0	0.6	0.6	3.2	6.8	0.5	-0.3	503.2	503.2	2.8	81.5	2	2
54	8.6	16346.0	50.0	0.6	0.6	3.2	6.8	0.5	-0.3	636.5	636.5	2.8	81.5	2	2
55	8.6	17102.5	25.0	0.6	0.6	3.2	6.8	0.5	-0.3						
56	8.6	20506.2	25.0	0.6	0.6	3.2	6.8	0.5	-0.3						

\* BY SPEED MEANS ELEVATION 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 QUALITY  
OF FOUR QUALITY

STATION NO 265  
MIDLAND, TEXAS  
1 MAY 1982  
1415 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	14 5	673 0	921 8	12 8	11 0	60 0	3 1	-2 7	-1 5	292 7	316 4	9 0	89 0	0 C	0
00 9	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
00 9	99 9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
00 9	99 9	99 9	950 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
00 9	99 9	99 9	925 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 7	18 6	1073 8	800 0	10 5	10 1	71 8	5 7	-5 5	-2 2	292 4	315 1	8 7	87 3	0 3 24 4	0
1 5	19 0	1368 2	875 0	9 3	8 9	71 5	5 7	-5 4	-1 8	292 4	315 1	8 2	87 5	0 8 25 0	0
2 3	21 5	1548 3	850 0	9 0	8 9	70 4	5 5	-5 2	-1 9	295 6	315 4	7 4	86 9	0 8 24 9	0
3 1	24 1	1798 0	825 0	7 0	6 1	74 1	5 8	-5 6	-1 6	296 0	315 4	7 2	86 9	0 8 24 9	0
4 0	26 7	2048 1	800 0	6 0	5 3	98 7	5 8	-5 5	-1 6	297 5	316 6	7 0	93 7	1 1 25 2	0
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	95 5	1 4 25 2	0
5 8	32 0	2576 4	750 0	3 3	1 5	84 4	4 8	-4 3	-2 1	300 2	318 1	5 7	88 1	1 8 25 9	0
6 8	34 7	2851 3	725 0	2 1	-1 2	328 5	3 1	-1 6	-2 7	301 8	315 4	4 8	74 0	2 1 25 6	0
7 7	40 3	3134 5	700 0	0 9	-3 2	329 0	2 3	-1 3	-2 7	303 5	315 9	4 3	74 0	2 1 25 6	0
8 6	43 2	3428 8	675 0	-0 1	-4 1	266 7	2 3	-1 6	-2 7	305 6	317 7	4 2	79 3	2 1 24 8	0
9 8	46 3	3728 9	650 0	-1 1	-4 2	219 4	2 3	-1 6	-2 7	307 7	320 2	4 3	79 3	2 1 25 0	0
10 9	48 3	4013 3	625 0	-2 4	-7 3	196 3	2 3	-1 6	-2 7	309 7	320 2	3 5	89 0	1 8 25 3	0
11 9	48 3	4304 7	600 0	-3 8	-10 3	164 4	2 1	-0 8	-2 0	311 8	320 6	2 9	89 0	1 8 25 7	0
12 1	52 4	4700 2	575 0	-5 1	-15 9	115 2	1 4	-1 2	-0 7	314 0	320 1	1 9	82 4	1 8 26 1	0
13 1	52 4	5088 5	550 0	-6 6	-21 0	58 2	1 5	-1 2	-0 7	316 2	319 5	1 0	42 4	1 8 26 1	0
14 2	55 6	5478 2	525 0	-8 0	-27 1	28 2	2 9	-1 5	-2 5	317 5	321 8	1 2	36 9	2 0 26 8	0
15 5	59 0	5870 3	500 0	-10 7	-33 1	30 6	4 1	-1 9	-3 6	320 0	324 0	1 2	35 9	2 2 26 2	0
16 7	62 4	6278 1	475 0	-14 0	-38 2	34 8	3 6	-2 2	-3 1	320 7	324 9	0 9	34 6	2 2 26 7	0
18 1	65 9	6779 1	450 0	-17 1	-43 9	38 2	3 3	-2 6	-3 2	321 7	324 5	0 8	34 6	2 2 26 7	0
19 6	69 7	7289 3	425 0	-20 2	-49 9	328 2	3 3	-3 1	-3 2	323 1	325 5	0 7	34 6	2 2 26 7	0
20 9	73 5	7813 6	400 0	-23 7	-56 4	337 2	3 9	-3 6	-3 8	324 2	325 7	0 4	34 6	2 2 26 7	0
22 4	77 4	8337 7	375 0	-27 2	-64 1	339 5	5 1	-4 1	-4 8	325 6	326 5	0 3	23 1	3 0 22 5	0
23 8	81 5	8870 7	350 0	-31 1	-72 2	311 7	5 5	-4 4	-5 6	326 8	327 4	0 3	19 4	3 1 21 5	0
25 5	85 8	9401 3	325 0	-35 8	-80 8	305 8	6 1	-4 9	-6 6	327 4	327 8	0 1	19 4	3 1 21 5	0
27 2	90 4	9941 0	300 0	-40 6	-89 6	286 6	7 7	-7 4	-8 2	328 2	327 8	0 1	19 4	3 1 21 5	0
28 9	95 2	10492 0	275 0	-45 1	-98 9	279 9	8 0	-7 9	-9 0	330 0	328 0	99 9	99 9	3 2 17 8	0
30 7	100 0	10978 8	250 0	-49 6	-107 9	279 7	8 0	-7 9	-9 0	332 4	328 0	99 9	99 9	3 2 17 8	0
32 8	105 4	11498 7	225 0	-54 3	-117 0	289 9	11 1	-11 0	-9 8	333 7	328 0	99 9	99 9	3 2 17 8	0
34 9	111 0	11998 3	200 0	-59 3	-126 3	291 5	13 7	-12 9	-10 8	337 7	328 0	99 9	99 9	3 2 17 8	0
37 2	116 7	12536 8	175 0	-64 2	-135 9	285 6	18 4	-15 1	-14 8	339 1	328 0	99 9	99 9	3 2 17 8	0
39 7	123 0	13064 5	150 0	-69 2	-145 2	290 2	21 6	-20 3	-17 4	347 2	328 0	99 9	99 9	3 2 17 8	0
42 8	129 7	13617 2	125 0	-74 1	-155 9	293 4	17 7	-16 2	-19 0	358 0	328 0	99 9	99 9	3 2 17 8	0
46 4	136 7	14255 7	100 0	-80 4	-166 3	302 8	13 2	-11 1	-14 0	403 5	328 0	99 9	99 9	3 2 17 8	0
50 7	144 3	14934 3	75 0	-84 3	-178 9	301 2	7 4	-6 3	-9 8	443 2	328 0	99 9	99 9	3 2 17 8	0
55 7	152 0	15619 1	50 0	-87 9	-192 9	309 0	4 0	-3 1	-6 8	509 1	328 0	99 9	99 9	3 2 17 8	0
62 8	160 2	16331 8	25 0	-91 1	-207 1	99 9	99 9	99 9	-9 9	638 3	328 0	99 9	99 9	3 2 17 8	0
72 6	168 3	25180 2	25 0	-95 0	-222 9	99 9	99 9	99 9	-9 9	99 9	99 9	99 9	99 9	99 9	99 9

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

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 265  
MIDLAND, TEXAS  
1 MAY 1982  
1715 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
00.0	13.5	673.0	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
00.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.0	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.0	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.0	99.9	99.9	900.0	11.5	10.8	64.9	5.9	-5.3	-2.5	293.4	317.3	9.1	95.4	0.5	254
00.0	15.6	1083.7	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
00.0	2.4	1318.1	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
00.0	3.1	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
00.0	4.1	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
00.0	4.8	2324.4	775.0	6.4	6.0	145.5	4.3	-3.4	3.5	300.7	321.6	7.6	97.5	1.3	268
00.0	5.9	2593.4	750.0	5.3	4.0	180.2	3.2	-2.4	5.1	302.4	321.4	6.8	91.3	1.4	277
00.0	7.0	2870.0	725.0	3.4	-0.7	157.4	1.8	-1.7	6.8	303.1	317.5	5.1	75.1	1.4	284
00.0	8.0	3154.4	700.0	2.2	-3.4	134.4	0.6	-0.2	8.5	304.9	317.2	4.3	66.8	1.5	285
00.0	9.1	3447.4	675.0	0.5	-4.4	102.4	2.6	0.6	10.2	306.3	318.2	4.1	69.7	1.5	287
00.0	10.1	3748.7	650.0	-0.6	-5.6	82.6	3.6	0.6	11.7	308.1	321.1	4.5	80.1	1.5	297
00.0	11.2	4062.2	625.0	-2.3	-6.8	62.0	4.2	1.3	13.2	309.8	321.5	4.0	76.7	1.6	305
00.0	12.4	4385.7	600.0	-4.2	-8.1	42.0	3.4	0.6	14.7	311.3	317.5	2.0	42.9	1.6	313
00.0	13.6	4720.6	575.0	-6.1	-14.9	225.0	2.3	0.5	16.2	312.9	318.8	1.2	28.5	1.7	316
00.0	14.7	5066.5	550.0	-8.1	-27.2	347.9	1.1	0.2	17.7	314.5	317.0	0.7	19.8	1.7	317
00.0	15.0	5427.0	525.0	-9.3	-26.9	37.2	2.1	-0.9	19.2	317.3	320.0	0.8	22.4	1.8	311
00.0	16.1	5803.6	500.0	-10.6	-25.4	32.3	1.6	-0.9	20.7	320.1	323.3	1.0	28.4	1.8	308
00.0	17.7	6198.2	475.0	-13.0	-26.1	30.0	1.7	0.8	22.2	321.9	325.1	0.9	32.0	1.8	302
00.0	18.1	6608.2	450.0	-16.3	-32.8	28.0	1.7	2.3	23.7	322.7	325.6	0.8	35.5	1.8	302
00.0	20.0	7034.0	425.0	-19.3	-41.5	26.0	1.7	4.0	25.2	324.2	326.2	0.6	39.0	1.8	304
00.0	22.1	7481.8	400.0	-22.8	-48.0	24.3	1.6	5.4	26.7	325.7	326.6	0.6	42.5	1.8	304
00.0	23.5	7952.1	375.0	-26.2	-56.4	22.6	1.5	7.8	28.2	327.2	327.3	0.2	46.0	1.8	322
00.0	25.5	8447.3	350.0	-30.5	-64.4	20.9	1.4	9.6	29.7	328.7	328.2	0.2	49.5	1.8	322
00.0	27.2	8959.4	325.0	-35.0	-72.9	19.2	1.3	11.7	31.2	329.7	328.8	0.1	53.0	1.8	322
00.0	28.1	9522.5	300.0	-39.5	-81.4	17.5	1.2	14.0	32.7	329.7	328.8	0.1	56.5	1.8	322
00.0	29.9	10112.4	275.0	-43.8	-90.9	15.8	1.1	16.5	34.2	329.7	328.8	0.1	60.0	1.8	322
00.0	32.8	10744.8	250.0	-48.5	-99.9	14.1	1.0	19.0	35.7	329.7	328.8	0.1	63.5	1.8	322
00.0	34.9	11428.8	225.0	-53.8	-99.9	12.4	0.9	21.5	37.2	329.7	328.8	0.1	67.0	1.8	322
00.0	37.3	12176.8	200.0	-58.8	-99.9	10.7	0.8	24.0	38.7	329.7	328.8	0.1	70.5	1.8	322
00.0	39.8	13008.1	175.0	-60.7	-99.9	8.9	0.7	26.5	40.2	329.7	328.8	0.1	74.0	1.8	322
00.0	42.2	13973.8	150.0	-58.7	-99.9	7.1	0.6	29.0	41.7	329.7	328.8	0.1	77.5	1.8	322
00.0	45.1	15115.8	125.0	-60.3	-99.9	5.3	0.5	31.5	43.2	329.7	328.8	0.1	81.0	1.8	322
00.0	48.5	16498.8	100.0	-62.8	-99.9	3.5	0.4	34.0	44.7	329.7	328.8	0.1	84.5	1.8	322
00.0	52.4	18278.8	75.0	-61.6	-99.9	1.7	0.3	36.5	46.2	329.7	328.8	0.1	88.0	1.8	322
00.0	57.6	20812.1	50.0	-58.8	-99.9	0.0	0.2	39.0	47.7	329.7	328.8	0.1	91.5	1.8	322
00.0	64.8	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

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

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 285  
MIDLAND, TEXAS

1 MAY 2015 GMT 1982

TIME	GMTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	MK RTO	RH	RANGE	149	32	C
MIN		GPM	MB	DEG C	DEG C	DG	M/SEC	M/SEC	M/SEC	DG K	DG K	GM/SG	PCT	MM	MM	DC	
00	0	873	921	13	12	50	0	-2	-1	293	320	10	93	0	0	0	
00	0	873	1000	99	99	99	99	99	99	99	99	99	99	99	99	99	
00	0	873	875	99	99	99	99	99	99	99	99	99	99	99	99	99	
00	0	873	850	99	99	99	99	99	99	99	99	99	99	99	99	99	
00	0	873	925	99	99	99	99	99	99	99	99	99	99	99	99	99	
00	7	1074	900	11	10	50	2	-4	-4	233	337	8	98	7	0	2	
01	4	1308	875	9	9	61	2	-4	-2	293	316	6	96	6	0	2	
02	2	1550	850	9	8	79	6	-4	-2	293	316	6	96	6	0	2	
03	0	1798	825	8	7	103	2	-4	-2	297	319	8	97	7	0	2	
03	6	2053	800	7	7	116	1	-4	-2	299	321	8	97	7	0	2	
04	7	2315	775	6	5	126	4	-4	-2	302	322	7	97	6	1	2	
05	6	2584	750	5	4	132	2	-3	-3	302	322	6	92	4	1	2	
05	5	2860	725	3	2	163	1	-0	-3	303	315	4	92	4	1	2	
07	5	3145	700	3	1	171	5	-0	-3	305	315	4	92	4	1	2	
08	5	3439	675	1	0	204	4	3	-5	308	320	4	92	4	1	2	
08	5	3742	650	-0	-2	212	6	3	-5	320	328	5	92	4	1	2	
10	7	4055	625	-1	-3	217	8	3	-5	310	327	4	92	4	1	2	
11	6	4718	600	-4	-6	237	5	2	-6	311	327	3	92	4	1	2	
12	0	5063	575	-4	-6	309	4	1	-7	316	318	1	97	7	0	2	
12	2	5424	550	-6	-8	10	0	-0	-7	316	318	1	97	7	0	2	
15	0	5800	525	-9	-11	45	6	0	-7	316	318	1	97	7	0	2	
16	5	6192	500	-11	-13	195	6	0	-7	316	318	1	97	7	0	2	
19	9	6601	475	-16	-20	247	1	3	-7	316	318	1	97	7	0	2	
21	3	7027	450	-20	-25	265	6	5	-7	316	318	1	97	7	0	2	
22	8	7474	425	-23	-30	268	3	7	-7	322	322	1	97	7	0	2	
24	4	7943	400	-28	-36	274	6	9	-7	323	324	2	97	7	0	2	
26	2	8436	375	-30	-43	274	6	9	-7	324	324	2	97	7	0	2	
27	9	8957	350	-35	-48	285	7	6	-8	326	326	3	97	7	0	2	
28	7	9510	325	-39	-52	282	0	6	-8	327	327	0	97	7	0	2	
30	7	10088	300	-44	-59	280	5	7	-9	329	329	0	99	9	9	9	
33	7	10729	275	-49	-64	280	5	10	-9	330	330	0	99	9	9	9	
38	0	11414	250	-54	-69	281	8	13	-9	332	332	0	99	9	9	9	
38	4	12097	225	-58	-74	279	7	16	-9	332	332	0	99	9	9	9	
41	1	12882	200	-63	-79	279	7	19	-9	340	340	0	99	9	9	9	
44	1	13667	175	-67	-83	285	6	21	-8	348	348	0	99	9	9	9	
47	7	14452	150	-72	-88	285	6	21	-8	358	358	0	99	9	9	9	
51	7	15237	125	-76	-92	285	3	13	-6	403	403	0	99	9	9	9	
54	7	16022	100	-81	-97	285	3	13	-6	403	403	0	99	9	9	9	
58	6	16807	75	-86	-102	307	5	4	-8	403	403	0	99	9	9	9	
62	6	17592	50	-91	-107	285	4	2	-8	505	505	0	99	9	9	9	
66	6	18377	25	-96	-112	99	9	9	-9	99	99	9	99	9	9	9	
69	9	19162	0	-101	-117	99	9	9	-9	99	99	9	99	9	9	9	

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

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 285  
MIDLAND, TEXAS  
1 MAY 1982  
2300 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
00	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	0.0
01	99.9	1000.0	920.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02	99.9	875.0	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03	99.9	950.0	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04	99.9	925.0	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05	15.6	1050.3	900.0	12.3	11.6	99.9	99.9	99.9	99.9	294.8	319.5	9.6	95.4	99.9	99.9
06	18.0	1295.4	875.0	10.5	10.0	99.9	99.9	99.9	99.9	294.8	319.5	8.9	96.7	99.9	99.9
07	2.5	1537.4	850.0	9.6	9.0	88.3	4.0	-4.0	-0.1	296.2	319.0	8.3	96.5	0.8	245.0
08	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	251.0
09	27.8	2040.2	800.0	7.6	6.9	160.6	4.0	-1.3	3.6	299.3	320.7	7.6	95.2	0.9	261.0
10	30.3	2302.4	775.0	6.7	5.9	182.2	5.6	0.2	4.9	302.2	321.6	7.0	95.2	1.0	279.0
11	33.0	2571.4	750.0	5.1	4.4	192.9	5.0	1.1	4.9	302.2	321.6	6.1	95.2	1.0	297.0
12	35.0	2848.6	725.0	3.5	2.0	194.0	4.9	1.7	4.2	303.3	320.5	5.3	90.0	1.1	311.0
13	38.3	3132.9	700.0	2.3	-0.6	199.9	4.9	2.2	4.6	305.0	320.0	5.3	81.6	1.2	323.0
14	41.2	3428.4	675.0	0.6	-0.7	202.6	5.7	2.5	6.4	306.3	321.8	5.4	91.2	1.4	334.0
15	44.1	3729.0	650.0	-0.9	-4.3	207.7	6.9	2.5	6.4	307.9	320.4	5.4	77.8	1.8	348.0
16	47.0	4041.8	625.0	-2.4	-7.1	199.9	5.7	1.9	5.4	309.7	320.4	3.8	70.1	2.2	353.0
17	50.0	4384.7	600.0	-4.2	-15.9	190.6	2.4	0.4	2.3	311.3	317.0	1.8	39.4	2.4	356.0
18	53.1	4699.4	575.0	-6.4	-19.3	85.5	1.3	-1.2	-0.4	314.2	318.8	1.4	31.3	2.5	356.0
19	56.3	5048.4	550.0	-8.4	-22.2	78.6	2.2	-2.2	-0.4	316.5	322.1	1.2	27.2	2.4	352.0
20	59.7	5410.7	525.0	-8.8	-21.6	118.3	2.3	-2.0	1.1	317.9	322.1	1.3	34.0	2.5	348.0
21	63.1	5787.2	500.0	-11.0	-21.2	207.1	2.2	4.2	2.1	319.7	324.3	0.8	42.5	2.7	347.0
22	66.7	6179.5	475.0	-13.7	-28.2	267.8	4.2	4.9	0.5	321.0	323.7	0.6	28.2	2.7	353.0
23	70.4	6578.8	450.0	-16.8	-31.5	274.5	5.9	5.9	-0.5	323.1	324.9	0.5	28.5	2.6	353.0
24	74.3	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	353.0
25	78.3	7461.0	400.0	-23.3	-42.4	277.1	8.9	6.8	-1.1	324.7	325.5	0.2	15.3	3.0	333.0
26	82.5	7929.5	375.0	-27.3	-45.6	282.6	7.4	7.2	-1.8	325.5	326.1	0.2	15.5	3.4	48.0
27	86.8	8422.1	350.0	-31.4	-48.6	291.6	4.9	4.6	-2.2	328.1	328.9	0.1	15.5	3.7	54.0
28	91.4	8945.1	300.0	-35.3	-52.3	288.6	6.9	6.6	-3.8	329.5	329.9	0.1	15.5	4.0	60.0
29	96.4	9495.1	275.0	-39.6	-59.9	289.0	11.7	11.0	-3.7	332.6	332.6	0.1	99.9	4.8	69.0
30	101.5	10085.7	250.0	-43.3	-66.3	282.3	17.5	17.1	-3.8	334.8	335.9	0.1	99.9	6.3	80.0
31	107.0	10720.4	225.0	-48.0	-73.9	279.8	22.2	21.9	-3.2	335.7	335.9	0.1	99.9	8.8	85.0
32	112.7	11406.1	200.0	-54.1	-81.9	277.4	25.0	24.7	-3.2	339.2	339.9	0.1	99.9	12.1	89.0
33	118.6	12152.9	200.0	-59.1	-89.9	273.1	24.7	24.7	-3.0	339.2	339.9	0.1	99.9	15.9	91.0
34	125.3	12865.7	175.0	-60.1	-99.9	277.9	22.0	21.8	-4.8	350.8	350.8	0.1	99.9	19.8	91.0
35	132.2	13848.7	150.0	-61.1	-99.9	283.4	20.6	20.1	-5.7	356.6	356.6	0.1	99.9	23.7	92.0
36	139.5	15078.7	125.0	-63.5	-99.9	287.4	18.1	18.2	-5.2	360.1	360.1	0.1	99.9	27.7	95.0
37	147.3	16442.1	100.0	-65.4	-99.9	291.6	14.2	13.2	-4.9	401.4	401.4	0.1	99.9	31.6	97.0
38	155.3	18203.2	75.0	-63.7	-99.9	302.9	5.6	4.8	-3.2	439.1	439.1	0.1	99.9	34.3	98.0
39	163.3	20723.6	50.0	-58.5	-99.9	312.8	3.7	-0.6	-3.6	505.1	505.1	0.1	99.9	39.9	99.0
40	163.3	25191.6	25.0	-50.1	-99.9	99.9	99.9	99.9	99.9	640.9	640.9	0.1	99.9	99.9	99.9

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

ORIGINAL OF FOUR QUALITY

STATION NO 265  
MIDLAND, TEXAS  
2 MAY 1982  
200 GMT

TIME MIN	CRCT	WEIGHT GPM	PRES MB	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT I DG K	E POT Y DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0 0	13 8	673 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
0 9	99 9	99 9	920 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 9	99 9	99 9	920 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 9	99 9	99 9	920 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 9	99 9	99 9	920 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
1 5	18 0	1058 5	920 0	12 2	12 6	81 0	4 0	-3 3	-2 0	295 7	320 9	10 3	98 0	0 2	239
2 3	20 4	1286 6	825 0	11 5	10 4	121 3	3 6	-3 1	-0 4	297 6	322 7	9 5	98 8	0 5	255
3 3	22 7	1539 6	825 0	10 3	8 8	153 4	4 7	-2 1	4 2	298 4	321 8	8 7	98 5	0 6	274
4 1	25 1	2044 2	800 0	8 0	6 7	167 7	6 8	-2 0	5 6	300 3	321 5	7 8	88 2	0 8	292
5 0	27 6	2307 4	775 0	7 0	5 8	174 6	8 1	-1 4	6 6	302 3	321 8	7 0	80 8	1 1	309
6 0	30 1	2577 8	750 0	6 3	5 2	179 7	8 1	-0 6	6 1	303 3	320 9	6 3	79 0	1 4	320
7 1	32 7	2825 8	725 0	5 3	4 8	184 4	8 3	-0 5	5 3	305 3	322 8	6 3	78 3	1 9	333
8 1	35 2	312 0	700 0	4 1	3 7	184 4	8 0	-0 2	5 0	308 9	323 0	6 0	76 6	2 3	338
9 1	38 1	348 4	675 0	3 1	2 6	178 8	8 0	-0 2	4 7	309 4	324 2	5 5	75 0	2 9	342
10 2	40 8	3739 9	650 0	2 5	1 9	178 8	8 1	-0 0	4 1	309 4	324 4	4 7	73 9	3 5	346
11 3	43 7	4053 2	625 0	1 7	1 0	190 6	8 1	-1 1	3 6	310 5	324 8	4 7	71 9	4 1	341
12 8	46 5	4371 2	575 0	-3 0	-2 0	149 3	5 6	-1 3	2 2	312 6	317 8	4 0	68 0	5 3	342
13 8	49 5	4714 2	525 0	-4 2	-2 8	141 5	3 8	-2 4	1 3	315 1	319 2	3 9	66 0	6 3	344
14 4	52 8	5083 2	525 0	-6 3	-2 8	176 8	3 3	-0 2	1 0	317 5	320 9	3 0	64 0	7 4	341
15 4	55 8	5424 9	500 0	-8 1	-2 4	176 8	3 3	-0 2	1 0	319 8	323 3	2 0	62 0	8 3	348
16 3	58 0	5800 9	475 0	-10 8	-3 3	176 8	3 3	-0 2	1 0	321 1	323 9	1 0	60 0	9 3	352
17 8	62 4	6182 4	450 0	-12 7	-3 3	176 8	3 3	-0 2	1 0	322 1	323 9	0 5	58 0	10 3	352
18 3	65 8	6561 7	425 0	-16 8	-4 0	204 4	4 6	-1 4	0 5	323 1	324 6	0 3	56 0	11 3	352
20 4	68 4	7028 6	400 0	-18 8	-4 9	293 3	6 0	-1 6	0 2	324 5	325 3	0 2	54 0	12 3	352
22 4	72 2	7475 0	375 0	-22 5	-4 7	295 2	6 0	-2 4	0 2	324 5	326 7	0 2	52 0	13 3	352
25 0	77 2	7843 7	350 0	-27 2	-4 5	284 3	3 8	-3 7	0 2	325 6	328 1	0 2	50 0	14 3	352
27 0	81 2	8208 6	325 0	-31 5	-4 2	263 1	3 6	-4 4	0 1	326 2	329 9	0 1	48 0	15 3	352
30 4	85 5	8577 9	300 0	-35 5	-3 5	263 1	3 5	-5 9	0 1	327 6	331 3	0 1	46 0	16 3	352
33 0	89 8	8946 9	275 0	-39 6	-2 8	263 1	3 5	-7 7	0 1	329 0	333 0	0 1	44 0	17 3	352
35 2	94 8	9315 8	250 0	-43 9	-2 0	263 1	3 5	-10 6	0 1	331 0	334 7	0 1	42 0	18 3	352
37 4	99 8	9684 7	225 0	-48 4	-1 1	273 1	3 5	-14 6	0 1	333 0	336 1	0 1	40 0	19 3	352
39 8	104 8	10053 5	200 0	-53 8	-0 3	273 1	3 5	-17 9	0 1	334 7	337 6	0 1	38 0	20 3	352
42 4	109 3	10422 7	175 0	-59 9	0 9	270 9	2 5	-23 5	0 1	336 0	339 0	0 1	36 0	21 3	352
45 3	116 2	10797 5	150 0	-62 8	0 9	277 6	2 4	-28 5	0 1	337 9	340 9	0 1	34 0	22 3	352
48 3	122 5	11164 5	125 0	-62 2	0 9	281 2	1 8	-35 0	0 1	339 9	342 8	0 1	32 0	23 3	352
52 0	128 2	11507 2	100 0	-63 5	0 9	288 7	1 7	-43 1	0 1	342 8	344 7	0 1	30 0	24 3	352
56 0	134 7	11848 1	75 0	-66 2	0 9	301 0	1 2	-52 0	0 1	346 3	346 7	0 1	28 0	25 3	352
65 1	151 3	12178 6	50 0	-62 0	0 9	290 8	1 5	-60 7	0 1	349 7	349 9	0 1	26 0	26 3	352
77 3	159 7	12504 8	25 0	-54 1	0 9	197 9	5 9	-67 4	0 1	357 4	359 9	0 1	24 0	27 3	352

\* BY SPEED MEANS ELEVATION 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 1962  
500 GMT

TIME	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DLR DG	SPEED M/SEC	WIND M/SEC	V COMP M/SEC	POT T DG K	E POT DG K	MI R TO GM/KG	RH PCT	RANGE KM	AZ DG
00	0	673.0	820.8	14.4	13.3	80.0	3.6	-3.5	-0.6	284.4	322.0	10.5	93.0	0	0
01	0	88.8	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0	0
02	0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0	0
03	0	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0	0
04	0	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0	0
05	0	1065.8	900.0	13.0	12.7	84.6	8.1	-6.0	-0.6	294.9	322.1	10.3	98.3	0	0
06	0	1302.4	875.0	11.3	11.0	101.1	8.5	-7.6	-0.6	295.5	320.7	9.5	98.1	0	0
07	0	1545.2	850.0	11.0	10.7	125.3	8.5	-7.0	-0.6	297.7	322.2	9.6	98.1	0	0
08	0	1784.3	825.0	9.6	9.3	138.5	9.7	-6.4	-0.6	298.7	322.9	9.0	97.9	0	0
09	0	2050.0	800.0	8.5	8.2	155.4	9.0	-3.8	-0.6	300.3	323.6	8.6	97.8	0	0
10	0	2312.5	775.0	7.2	6.8	168.4	8.9	-1.8	-0.6	301.5	323.7	8.1	97.8	0	0
11	0	2542.1	750.0	5.9	5.5	172.3	8.9	-0.5	-0.6	303.0	324.0	7.6	97.4	0	0
12	0	2859.3	725.0	4.2	3.6	174.2	5.1	-0.5	-0.6	303.8	323.3	6.9	97.3	0	0
13	0	3144.3	700.0	2.2	1.5	182.2	5.2	-0.2	-0.6	305.0	322.2	5.9	94.8	0	0
14	0	3437.6	675.0	0.6	0.4	177.6	5.3	-0.2	-0.6	306.6	322.3	5.9	97.1	0	0
15	0	3740.4	650.0	-0.6	-0.2	184.7	4.7	0.4	-0.6	308.2	319.3	5.7	86.4	0	0
16	0	4054.2	625.0	-0.7	-0.2	177.2	4.4	0.4	-0.6	308.2	322.7	5.7	64.0	0	0
17	0	4378.3	600.0	-3.1	-2.0	163.0	4.4	-1.3	-0.6	311.6	327.1	5.4	27.7	0	0
18	0	4715.8	575.0	-4.0	-2.7	166.1	4.5	-1.1	-0.6	315.3	317.1	5.4	14.1	0	0
19	0	5064.5	550.0	-6.0	-4.5	176.9	4.4	-0.2	-0.6	316.2	318.5	5.4	15.6	0	0
20	0	5426.4	525.0	-8.8	-6.5	215.9	4.4	2.6	-0.6	317.8	321.1	5.4	14.1	0	0
21	0	5802.8	500.0	-11.1	-7.3	248.7	5.3	2.4	-0.6	319.5	322.0	5.4	15.6	0	0
22	0	6193.8	475.0	-14.4	-9.0	259.4	5.3	2.3	-0.6	320.2	322.4	5.4	17.7	0	0
23	0	6601.2	450.0	-17.7	-11.8	268.1	4.5	4.3	-0.6	323.2	324.1	5.4	12.3	0	0
24	0	7027.2	425.0	-20.1	-14.5	268.1	3.7	2.5	-0.6	324.0	324.7	5.4	12.3	0	0
25	0	7473.3	400.0	-23.4	-17.1	253.3	3.0	4.3	-0.6	323.2	324.7	5.4	12.3	0	0
26	0	7941.2	375.0	-27.4	-21.1	239.1	3.0	2.5	-0.6	325.3	325.0	5.4	13.3	0	0
27	0	8433.4	350.0	-31.7	-25.0	230.1	4.1	3.6	-0.6	326.0	326.4	5.4	14.3	0	0
28	0	8952.9	325.0	-35.6	-28.4	255.1	5.6	5.4	-0.6	327.6	327.9	5.4	14.1	0	0
29	0	9505.5	300.0	-39.3	-31.7	273.3	6.3	8.3	-0.6	330.0	330.3	5.4	14.6	0	0
30	0	10096.5	275.0	-43.2	-35.6	280.0	14.0	13.8	-0.6	332.7	332.3	5.4	14.6	0	0
31	0	10730.6	250.0	-46.8	-39.9	273.6	17.1	17.1	-0.6	333.6	333.6	5.4	14.6	0	0
32	0	11413.7	225.0	-50.8	-43.2	285.8	19.9	19.9	-0.6	334.9	334.9	5.4	14.6	0	0
33	0	12155.4	200.0	-54.6	-46.8	285.8	20.4	20.4	-0.6	336.5	336.5	5.4	14.6	0	0
34	0	12982.6	175.0	-58.2	-50.8	269.3	20.3	20.3	-0.6	345.6	345.6	5.4	14.6	0	0
35	0	13834.8	150.0	-62.2	-54.6	269.3	17.0	17.0	-0.6	367.1	367.1	5.4	14.6	0	0
36	0	14708.2	125.0	-65.8	-58.2	289.5	13.0	12.3	-0.6	400.0	400.0	5.4	14.6	0	0
37	0	15618.2	100.0	-69.1	-62.2	289.5	8.9	8.4	-0.6	434.4	434.4	5.4	14.6	0	0
38	0	16564.8	75.0	-66.1	-65.8	302.2	6.3	5.2	-0.6	489.5	489.5	5.4	14.6	0	0
39	0	17648.1	50.0	-61.2	-69.1	289.5	4.2	3.3	-0.6	529.5	529.5	5.4	14.6	0	0
40	0	18875.2	25.0	-54.1	-61.2	186.2	6.1	4.7	-0.6	629.5	629.5	5.4	14.6	0	0

.. B' SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
.. B' 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 265  
MIDLAND, TEXAS  
2 MAY 1982  
1130 CMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MM	TEMP DG C	DEM 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	ML RTO CM/KG	RH PCT	RANGE NM	AZ DG
00	14	873	919.7	14.7	13	70	3.1	-2.6	-1.1	294.5	323.0	10.9	95.0	0	0
01	09	873	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02	09	873	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03	09	873	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04	09	873	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05	09	873	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
06	07	1056	875.0	13.4	12.7	99.9	99.9	99.9	99.9	295.4	322.3	10.4	95.6	0	0
07	19	1293	850.0	11.3	11.4	99.9	99.9	99.9	99.9	298.0	322.3	9.8	95.6	0	0
08	22	1536	825.0	8.6	9.1	175	9.2	-0.7	9.2	298.0	322.3	9.0	90.4	1	5
09	34	1786	800.0	5.1	7.6	179	9.6	-0.2	9.6	298.0	322.3	8.2	90.4	2	0
10	42	2041	775.0	1.8	6.1	179	9.9	0.0	9.9	298.0	322.3	7.7	90.4	2	0
11	52	2303	750.0	6.5	4.6	182	9.2	1.4	9.2	298.0	322.3	7.1	90.4	2	0
12	37	2572	725.0	5.1	3.3	182	7.3	2.2	7.3	298.0	322.3	6.6	90.4	2	0
13	32	2848	700.0	2.2	1.7	189	4.8	1.6	4.8	298.0	322.3	6.2	90.4	2	0
14	30	3134	675.0	0.4	-0.1	189	3.6	0.4	3.6	298.0	322.3	5.7	90.4	2	0
15	41	3427	650.0	4.2	4.2	185	4.2	-0.4	4.2	298.0	322.3	5.2	90.4	2	0
16	43	3739	625.0	-3.0	-3.6	171	5.1	-0.6	5.1	298.0	322.3	4.7	90.4	2	0
17	48	4042	600.0	-7.3	-8.2	176	4.6	-0.8	4.6	298.0	322.3	4.2	90.4	2	0
18	52	4385	575.0	-5.3	-7.7	176	3.1	-0.3	3.1	298.0	322.3	3.7	90.4	2	0
19	55	4699	550.0	-9.1	-29.7	189	3.1	-0.5	3.1	298.0	322.3	3.2	90.4	2	0
20	58	5044	525.0	-11.2	-31.5	192	3.0	-0.6	3.0	298.0	322.3	2.7	90.4	2	0
21	01	5375	500.0	-13.6	-35.6	214	2.0	-0.6	2.0	298.0	322.3	2.2	90.4	2	0
22	04	5678	475.0	-16.3	-40.3	225	1.6	-0.6	1.6	298.0	322.3	1.7	90.4	2	0
23	07	6000	450.0	-19.4	-41.9	242	0.6	-0.6	0.6	298.0	322.3	1.2	90.4	2	0
24	11	6332	425.0	-22.0	-44.1	233	0.6	-0.6	0.6	298.0	322.3	0.7	90.4	2	0
25	14	6664	400.0	-25.7	-47.6	223	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
26	17	6997	375.0	-28.6	-49.4	215	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
27	20	7332	350.0	-31.1	-44.4	236	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
28	24	7664	325.0	-33.3	-40.4	236	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
29	27	7997	300.0	-35.6	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
30	30	8330	275.0	-38.0	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
31	34	8664	250.0	-40.4	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
32	37	9000	225.0	-42.8	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
33	40	9334	200.0	-45.1	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
34	44	9667	175.0	-47.5	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
35	47	10000	150.0	-49.9	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
36	50	10334	125.0	-52.2	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
37	53	10667	100.0	-54.6	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
38	56	11000	75.0	-57.0	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
39	59	11334	50.0	-59.4	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
40	62	11667	25.0	-61.8	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
41	65	12000	0.0	-64.2	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
42	68	12334	0.0	-66.6	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
43	71	12667	0.0	-69.0	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
44	74	13000	0.0	-71.4	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
45	77	13334	0.0	-73.8	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
46	80	13667	0.0	-76.2	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
47	83	14000	0.0	-78.6	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
48	86	14334	0.0	-81.0	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
49	89	14667	0.0	-83.4	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
50	92	15000	0.0	-85.8	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
51	95	15334	0.0	-88.2	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
52	98	15667	0.0	-90.6	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
53	01	16000	0.0	-93.0	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
54	04	16334	0.0	-95.4	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
55	07	16667	0.0	-97.8	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
56	10	17000	0.0	-100.2	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
57	13	17334	0.0	-102.6	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
58	16	17667	0.0	-105.0	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
59	19	18000	0.0	-107.4	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
60	22	18334	0.0	-109.8	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
61	25	18667	0.0	-112.2	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
62	28	19000	0.0	-114.6	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
63	31	19334	0.0	-117.0	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
64	34	19667	0.0	-119.4	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
65	37	20000	0.0	-121.8	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
66	40	20334	0.0	-124.2	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
67	43	20667	0.0	-126.6	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
68	46	21000	0.0	-129.0	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
69	49	21334	0.0	-131.4	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
70	52	21667	0.0	-133.8	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
71	55	22000	0.0	-136.2	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
72	58	22334	0.0	-138.6	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
73	61	22667	0.0	-141.0	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
74	64	23000	0.0	-143.4	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
75	67	23334	0.0	-145.8	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
76	70	23667	0.0	-148.2	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
77	73	24000	0.0	-150.6	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
78	76	24334	0.0	-153.0	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
79	79	24667	0.0	-155.4	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
80	82	25000	0.0	-157.8	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
81	85	25334	0.0	-160.2	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
82	88	25667	0.0	-162.6	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
83	91	26000	0.0	-165.0	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
84	94	26334	0.0	-167.4	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
85	97	26667	0.0	-169.8	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
86	00	27000	0.0	-172.2	-38.8	239	0.6	-0.6	0.6	298.0	322.3	0.2	90.4	2	0
87	03	27334	0.0	-174.6	-38.8	239	0.6	-0.6	0.6	298.0	322.3				





ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 270  
EL PASO, TEXAS  
1 MAY 1982  
1415 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 M	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AS C
00	185	1193	886	13	8	0	2	-0	-2	287	318	7	70	0	0
00	98	99	1000	9	9	9	9	9	9	9	9	9	9	9	9
00	99	99	975	9	9	9	9	9	9	9	9	9	9	9	9
00	99	99	950	9	9	9	9	9	9	9	9	9	9	9	9
00	99	99	925	9	9	9	9	9	9	9	9	9	9	9	9
00	99	99	900	9	9	9	9	9	9	9	9	9	9	9	9
00	99	99	875	9	9	9	9	9	9	9	9	9	9	9	9
01	187	1301	875	11	7	6	4	-3	-3	288	316	7	79	0	0
01	221	1544	850	12	7	8	4	-2	-2	287	318	7	79	0	0
01	247	1792	825	9	5	8	6	-0	-0	288	319	7	86	0	0
02	273	2047	800	7	5	9	4	-8	-8	288	319	7	82	0	0
03	299	2308	775	5	4	8	9	-8	-8	300	319	7	93	0	0
04	326	2578	750	3	3	3	8	-7	-7	302	318	7	96	0	0
05	353	2852	725	2	2	0	8	-6	-6	303	317	7	91	0	0
06	381	3135	700	0	7	8	8	-5	-5	303	317	7	88	0	0
07	409	3428	675	1	0	9	8	-4	-4	303	317	7	85	0	0
08	437	3732	650	0	9	8	8	-3	-3	303	317	7	81	0	0
09	466	4048	625	0	8	4	8	-2	-2	303	317	7	77	0	0
10	494	4373	600	0	6	4	8	-1	-1	303	317	7	73	0	0
11	524	4710	575	0	6	3	5	-0	-0	303	317	7	69	0	0
12	554	5059	550	0	6	2	3	0	0	303	317	7	65	0	0
13	585	5420	525	0	6	1	3	0	0	303	317	7	61	0	0
14	616	5794	500	0	3	0	4	0	0	303	317	7	57	0	0
15	648	6186	475	0	3	0	4	0	0	303	317	7	53	0	0
16	680	6595	450	0	4	9	2	0	0	303	317	7	49	0	0
17	714	7021	425	0	7	5	3	0	0	303	317	7	45	0	0
18	749	7458	400	0	3	2	3	0	0	303	317	7	41	0	0
19	786	7937	375	0	2	3	3	0	0	303	317	7	37	0	0
20	823	8431	350	0	2	6	3	0	0	303	317	7	33	0	0
21	861	8951	325	0	0	6	4	0	0	303	317	7	29	0	0
22	900	9503	300	0	0	9	4	0	0	303	317	7	25	0	0
23	940	10091	275	0	0	9	7	0	0	303	317	7	21	0	0
24	980	10725	250	0	0	9	3	0	0	303	317	7	17	0	0
25	103	11412	225	0	0	9	0	0	0	303	317	7	13	0	0
26	108	12162	200	0	0	7	2	0	0	303	317	7	9	0	0
27	113	12984	175	0	0	7	5	0	0	303	317	7	5	0	0
28	118	13886	150	0	0	7	8	0	0	303	317	7	1	0	0
29	125	14863	125	0	0	5	5	0	0	303	317	7	0	0	0
30	132	15933	100	0	0	3	3	0	0	303	317	7	0	0	0
31	140	17216	75	0	0	2	5	0	0	303	317	7	0	0	0
32	148	20724	50	0	0	1	5	0	0	303	317	7	0	0	0
33	157	25184	25	0	0	0	3	0	0	303	317	7	0	0	0

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

ORIGINAL PAGE 13  
OF POOR QUALITY

STATION NO 270  
EL PASO, TEXAS  
1 MAY 1982  
1715 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 Y DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
00	18.3	1193.0	888.8	18.3	8.6	130.0	5.2	-4.0	3.3	301.7	323.5	7.9	53.0	0.0	0.0
01	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
06	18.6	1305.5	875.0	15.8	7.5	116.6	5.8	-5.2	2.6	300.3	320.7	7.5	57.3	0.2	317
07	22.7	1521.0	850.0	13.8	7.1	116.1	6.4	-5.7	3.8	300.4	320.9	7.5	76.5	0.6	303
08	24.7	1801.9	825.0	11.1	7.1	116.2	6.2	-5.7	2.6	300.4	321.5	7.5	76.5	1.1	300
09	27.4	2056.1	800.0	8.6	7.0	120.0	6.1	-5.3	3.0	300.3	321.0	7.9	89.7	1.6	300
10	32.7	2320.2	775.0	6.3	5.0	124.4	7.0	-5.6	4.0	300.5	320.3	6.4	89.6	2.0	301
11	35.3	2588.6	750.0	5.5	3.1	129.4	7.2	-5.6	4.6	302.5	320.3	6.1	87.9	2.6	302
12	38.1	2866.4	725.0	4.8	2.0	112.9	5.3	-6.6	2.7	304.5	320.3	5.5	86.6	3.2	300
13	40.6	3151.1	700.0	4.1	0.1	101.9	5.3	-2.2	1.1	304.5	320.6	5.2	85.9	3.6	300
14	43.6	3444.1	675.0	0.0	-1.1	134.4	3.1	-1.7	1.0	309.4	321.1	4.0	85.9	3.6	300
15	46.4	3748.5	650.0	0.4	-5.3	59.0	2.0	-0.2	-1.0	311.8	321.6	3.3	85.5	3.5	298
16	49.3	4061.2	600.0	-2.4	-12.2	2.6	2.6	-0.6	-2.5	313.4	321.6	2.1	84.5	3.4	292
17	52.3	4723.6	575.0	-4.0	-14.8	85.4	1.6	-1.6	-0.1	315.3	321.9	2.2	83.0	3.5	290
18	54.5	5434.8	550.0	-6.7	-14.7	120.7	3.8	-2.8	2.4	317.7	322.5	1.9	82.8	3.6	291
19	58.3	5810.5	500.0	-8.9	-20.1	132.7	4.4	-2.3	2.4	319.4	322.6	1.9	82.8	3.8	294
20	61.5	6202.7	475.0	-11.2	-25.7	151.6	4.3	-1.7	4.2	321.5	323.8	0.5	82.4	4.5	300
21	64.8	6542.6	450.0	-13.3	-32.6	162.3	4.4	-1.3	3.6	323.0	324.9	0.5	82.4	4.7	300
22	67.9	6872.7	425.0	-15.5	-34.8	179.0	4.4	-0.1	3.6	324.0	325.6	0.4	82.6	5.0	304
23	71.3	7039.8	400.0	-17.5	-37.5	201.7	3.6	1.3	3.3	325.4	327.0	0.3	82.6	5.2	307
24	74.6	7487.5	375.0	-19.8	-41.0	226.6	3.4	2.5	2.4	326.0	327.7	0.3	82.6	5.1	305
25	78.1	7957.2	350.0	-22.9	-44.2	230.5	4.8	3.7	3.1	326.9	327.7	0.2	82.2	5.1	305
26	81.8	8451.2	325.0	-26.9	-47.7	227.5	5.1	3.8	3.5	327.6	328.2	0.2	82.2	5.1	300
27	85.6	8972.0	300.0	-31.6	-49.9	247.3	9.3	8.6	3.6	329.5	329.5	99.9	99.9	5.4	308
28	89.5	9524.1	275.0	-39.7	-49.9	261.9	14.4	14.3	2.0	333.1	329.9	99.9	99.9	4.9	311
29	93.7	10115.4	250.0	-42.9	-48.1	271.5	17.0	17.0	-0.5	334.6	329.9	99.9	99.9	4.9	311
30	97.8	10751.2	225.0	-48.1	-48.1	268.7	21.1	21.1	0.8	337.4	329.9	99.9	99.9	6.0	317
31	102.4	11438.9	200.0	-52.9	-48.1	287.5	17.3	17.3	0.8	340.0	329.9	99.9	99.9	6.0	317
32	107.4	12187.5	175.0	-58.6	-48.1	287.5	15.3	15.3	0.6	349.5	329.9	99.9	99.9	10.4	313
33	112.8	13020.9	150.0	-60.9	-48.1	270.3	15.7	15.7	-0.1	365.5	329.9	99.9	99.9	12.9	317
34	118.2	13981.7	125.0	-62.6	-48.1	267.8	17.2	17.2	0.7	381.7	329.9	99.9	99.9	16.5	317
35	124.7	15114.4	100.0	-63.7	-48.1	278.3	10.3	10.3	-1.5	404.7	329.9	99.9	99.9	20.0	317
36	131.7	16488.3	75.0	-65.4	-48.1	328.0	5.0	2.7	-4.3	435.6	329.9	99.9	99.9	21.4	317
37	140.0	18248.7	50.0	-68.1	-48.1	185.8	3.0	0.3	3.9	508.6	329.9	99.9	99.9	21.3	317
38	149.0	20761.1	25.0	-68.1	-48.1	99.9	99.9	99.9	99.9	658.0	329.9	99.9	99.9	19.8	317
39	159.0	25201.7	25.0	-51.0	-48.1	99.9	99.9	99.9	99.9	658.0	329.9	99.9	99.9	19.8	317

\* BY SPEED MEANS ELEVATION 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 RECORDS  
OF POOR QUALITY

STATION NO 270  
EL PASO, TEXAS

1 MAY 1982

107 142 5

TIME	GMTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	MX RTO	RH	RANGE	ALC
MIN		GPM	MB	DEG C	DEG C	DG	M/SEC	M/SEC	M/SEC	DG K	DG K	GM/KG	PCT	KM	°C
00	19 7	1193 0	884 6	21 2	7 1	120 0	6 2	-4 7	4 0	304 9	324 9	7 2	40 0	0 0	0 0
01	19 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999 9
02	19 9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999 9
03	19 9	99 9	950 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999 9
04	19 9	99 9	925 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999 9
05	20 7	99 9	900 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999 9
06	20 7	1267 1	875 0	99 9	5 6	106 9	6 2	-5 9	1 8	303 6	324 2	6 6	41 9	0 2	0 0
07	23 4	1535 0	850 0	16 2	5 7	112 9	7 8	-7 4	3 1	303 1	322 1	6 9	49 9	0 5	0 0
08	23 1	1788 0	825 0	13 6	5 6	116 9	7 0	-6 3	3 2	303 2	322 5	7 0	57 7	0 9	0 0
09	26 8	2048 6	800 0	11 2	5 2	116 9	6 9	-6 0	3 2	303 1	322 5	7 0	66 2	1 3	0 0
10	31 6	2310 6	775 0	8 2	4 2	116 9	6 9	-5 7	2 7	302 6	322 1	6 9	78 2	2 0	0 0
11	34 3	2658 0	750 0	5 6	4 2	115 2	6 3	-5 9	2 4	304 1	322 7	6 6	89 1	2 3	0 0
12	37 1	3142 9	725 0	4 2	3 1	105 7	5 6	-5 4	1 5	304 6	322 3	6 1	95 5	2 6	0 0
13	40 0	3436 7	700 0	2 0	1 6	105 7	5 6	-4 0	0 7	305 6	322 6	5 6	95 5	2 6	0 0
14	42 9	3739 4	675 0	0 8	-0 2	100 5	4 1	-3 6	-0 4	307 4	322 5	5 3	98 4	3 0	0 0
15	45 8	4051 8	650 0	-1 4	-1 6	83 4	3 8	-1 1	-0 3	309 5	318 0	5 3	98 4	3 4	0 0
16	48 8	4375 4	625 0	-2 6	-1 0	47 9	1 5	-0 5	-0 3	312 2	317 4	4 8	98 0	3 4	0 0
17	51 8	4711 1	600 0	-3 4	-1 8	30 5	0 6	0 7	0 3	315 0	319 2	4 1	98 0	3 4	0 0
18	54 9	5058 9	575 0	-5 0	-2 4	202 8	1 9	0 7	1 4	315 0	319 4	4 1	98 0	3 4	0 0
19	57 9	5419 0	550 0	-7 8	-3 1	199 1	3 8	0 2	3 2	315 8	319 4	4 1	98 0	3 4	0 0
20	61 0	5792 7	525 0	-10 4	-3 9	181 7	5 3	0 2	4 3	319 0	320 5	4 0	98 0	3 4	0 0
21	64 3	6181 6	500 0	-13 4	-6 8	181 7	5 7	1 6	4 4	321 9	323 4	4 0	98 0	3 4	0 0
22	67 6	6586 9	475 0	-15 4	-9 4	198 5	4 4	1 5	4 3	323 4	324 7	4 0	98 0	3 4	0 0
23	71 0	7015 7	450 0	-17 0	-12 0	200 0	4 6	0 7	3 6	325 2	326 3	4 0	98 0	3 4	0 0
24	74 4	7482 6	425 0	-20 0	-15 0	180 5	3 8	0 0	3 1	327 6	327 4	3 8	98 0	3 4	0 0
25	78 0	7932 7	400 0	-22 9	-18 0	180 5	3 4	0 2	2 5	328 6	328 4	3 8	98 0	3 4	0 0
26	81 6	8427 6	375 0	-26 5	-22 0	214 2	2 2	0 5	1 8	332 6	333 1	3 8	98 0	3 4	0 0
27	85 4	8950 4	350 0	-30 4	-26 0	248 9	1 6	1 0	1 1	334 9	334 9	3 8	98 0	3 4	0 0
28	89 3	9505 4	325 0	-34 7	-30 0	248 9	1 6	0 8	0 4	336 5	336 4	3 8	98 0	3 4	0 0
29	93 5	10101 5	300 0	-37 5	-34 0	251 1	1 6	0 7	0 2	337 2	337 2	3 8	98 0	3 4	0 0
30	97 7	10740 7	275 0	-41 6	-38 0	247 9	1 4	0 1	0 1	336 5	336 4	3 8	98 0	3 4	0 0
31	102 2	11429 8	250 0	-46 8	-43 0	241 4	1 6	0 1	0 1	336 5	336 4	3 8	98 0	3 4	0 0
32	106 8	12177 5	225 0	-53 1	-50 0	247 9	1 6	0 1	0 1	336 5	336 4	3 8	98 0	3 4	0 0
33	112 0	13101 4	200 0	-59 6	-58 0	256 8	1 7	0 1	0 1	336 5	336 4	3 8	98 0	3 4	0 0
34	117 2	13975 6	175 0	-68 6	-68 0	99 9	99 9	99 9	99 9	336 5	336 4	3 8	98 0	3 4	0 0
35	123 0	99 9	150 0	-58 6	99 9	99 9	99 9	99 9	99 9	336 5	336 4	3 8	98 0	3 4	0 0
36	99 9	99 9	125 0	99 9	99 9	99 9	99 9	99 9	99 9	336 5	336 4	3 8	98 0	3 4	0 0
37	99 9	99 9	100 0	99 9	99 9	99 9	99 9	99 9	99 9	336 5	336 4	3 8	98 0	3 4	0 0
38	99 9	99 9	75 0	99 9	99 9	99 9	99 9	99 9	99 9	336 5	336 4	3 8	98 0	3 4	0 0
39	99 9	99 9	50 0	99 9	99 9	99 9	99 9	99 9	99 9	336 5	336 4	3 8	98 0	3 4	0 0
40	99 9	99 9	25 0	99 9	99 9	99 9	99 9	99 9	99 9	336 5	336 4	3 8	98 0	3 4	0 0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* 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	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	MK RTC CM/KG	RH PCT	RANGE KM	AZ DG
00	19 4	1193 0	883 0	22 2	6 8	120 0	6 2	-5 4	5 1	306 1	326 0	7 1	37 0	99 9	0 0
00	00 0	1000 0	975 0	22 2	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
00	00 0	99 9	950 0	22 2	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
00	00 0	99 9	925 0	22 2	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
00	00 0	99 9	900 0	22 2	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
00	00 0	1271 8	875 0	20 0	5 8	121 2	9 0	-7 7	4 7	304 6	323 2	6 6	39 4	99 9	0 3 306
01	22 6	1520 6	850 0	17 8	5 9	118 5	9 0	-7 9	4 3	304 8	324 1	6 9	45 7	99 9	0 7 302
02	25 6	1775 0	825 0	15 2	5 7	124 1	8 2	-6 8	4 6	304 3	324 3	7 0	52 7	99 9	1 4 301
03	28 3	2034 9	800 0	12 8	5 0	127 7	7 8	-6 0	4 6	304 8	324 1	6 9	59 1	99 9	1 9 303
04	31 0	2300 6	775 0	10 2	4 9	120 9	5 8	-4 8	2 9	304 4	324 4	7 0	68 9	99 9	2 4 302
05	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 7	99 9	2 8 303
06	36 6	2851 8	725 0	5 6	3 5	112 4	5 7	-5 2	2 5	305 0	324 4	6 9	85 1	99 9	3 2 301
07	39 3	3138 5	700 0	3 8	1 2	105 3	5 1	-4 9	1 4	306 7	323 7	6 0	83 4	99 9	3 6 300
08	42 2	3433 6	675 0	1 9	-0 4	102 2	3 9	-3 8	0 8	307 6	323 7	5 5	85 0	99 9	3 9 299
09	45 1	3737 0	650 0	-1 0	-2 0	118 4	1 7	-1 5	0 9	307 9	322 7	5 1	92 9	99 9	4 1 298
10	48 1	4050 1	625 0	-0 4	-12 7	241 8	2 3	2 1	0 8	312 0	319 1	2 3	98 6	99 9	4 1 298
11	51 0	4377 4	600 0	-0 4	-12 4	248 2	2 3	2 1	0 8	315 7	323 3	2 5	99 2	99 9	4 1 298
12	54 1	4716 7	575 0	-2 6	-14 5	218 2	3 1	1 5	1 9	317 0	323 8	2 2	99 3	99 9	3 9 302
13	57 1	5067 5	550 0	-5 8	-15 6	219 2	4 7	2 2	2 4	317 2	323 8	2 1	99 3	99 9	3 9 302
14	60 4	5430 3	525 0	-8 6	-18 2	201 3	4 7	2 1	4 1	318 0	323 8	1 7	99 3	99 9	3 9 302
15	63 5	5806 7	500 0	-11 5	-20 9	201 3	5 9	2 1	5 5	319 1	323 8	1 4	99 3	99 9	4 0 315
16	66 9	6197 9	475 0	-14 1	-28 7	190 2	6 0	1 1	5 9	320 5	323 1	0 7	99 3	99 9	4 0 315
17	70 3	6607 3	450 0	-15 9	-31 3	191 3	5 6	1 1	5 5	323 3	323 1	0 6	99 3	99 9	4 0 315
18	73 6	7035 6	425 0	-18 1	-33 2	179 1	5 9	0 4	5 5	323 3	323 1	0 5	99 3	99 9	4 0 315
19	77 1	7484 2	400 0	-22 1	-36 2	183 2	5 9	-0 4	5 6	326 3	325 4	0 5	99 3	99 9	4 0 315
20	80 9	7955 9	375 0	-25 5	-39 2	183 2	6 4	0 4	6 3	326 3	325 4	0 4	99 3	99 9	4 0 315
21	84 8	8452 4	350 0	-29 7	-42 5	176 9	6 1	-0 3	6 1	327 9	327 8	0 4	99 3	99 9	4 0 315
22	88 5	8978 5	325 0	-33 8	-45 5	190 2	6 4	1 1	6 3	328 8	329 7	0 3	99 3	99 9	4 0 315
23	92 5	9534 4	300 0	-38 5	-48 5	219 5	7 7	4 9	5 9	330 1	329 7	0 2	99 3	99 9	4 0 315
24	96 8	10132 3	275 0	-40 7	-41 2	243 2	12 4	11 1	5 6	333 9	335 2	0 2	99 3	99 9	4 0 315
25	101 2	10773 6	250 0	-45 7	-45 7	255 2	15 2	14 7	3 9	336 3	335 2	0 3	99 3	99 9	4 0 315
26	106 0	11466 2	225 0	-51 9	-49 9	256 7	17 2	16 8	4 0	336 2	335 2	0 3	99 3	99 9	4 0 315
27	110 8	12219 4	200 0	-58 4	-51 9	252 3	18 4	17 5	5 6	338 0	335 2	0 2	99 3	99 9	4 0 315
28	116 2	13053 3	175 0	-60 9	-59 9	248 2	19 0	18 4	6 8	340 4	335 2	0 2	99 3	99 9	4 0 315
29	122 2	14010 1	150 0	-61 4	-60 9	250 3	17 7	18 4	7 4	349 4	335 2	0 2	99 3	99 9	4 0 315
30	128 2	15149 9	125 0	-61 4	-61 4	251 7	16 5	16 7	6 0	355 2	335 2	0 2	99 3	99 9	4 0 315
31	135 3	16523 4	100 0	-65 1	-65 1	250 3	16 3	16 3	2 4	362 6	335 2	0 2	99 3	99 9	4 0 315
32	142 7	18279 5	75 0	-61 1	-61 1	248 6	10 3	10 1	-2 3	382 1	335 2	0 2	99 3	99 9	4 0 315
33	151 3	20786 1	50 0	-61 1	-61 1	248 6	3 7	3 4	-1 5	402 1	335 2	0 2	99 3	99 9	4 0 315
34	160 5	25203 2	25 0	-51 6	-51 6	339 4	3 4	1 2	-3 2	499 7	335 2	0 2	99 3	99 9	4 0 315

\* BY SPEED MEANS ELEVATION 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

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
00	199	1193	864	15	8	90	5.2	-5.2	0	298	320	8	67	0	0
01	99	999	1000	99	99	99	99	99	99	99	99	99	99	99	99
02	99	999	975	99	99	99	99	99	99	99	99	99	99	99	99
03	99	999	950	99	99	99	99	99	99	99	99	99	99	99	99
04	99	999	925	99	99	99	99	99	99	99	99	99	99	99	99
05	99	999	900	99	99	99	99	99	99	99	99	99	99	99	99
06	208	1279	875	13	7	102	11	-11	2	298	318	7	66	0	2
07	23	1524	850	11	6	115	10	-9	4	299	320	7	67	0	2
08	26	1775	825	9	3	133	8	-4	5	301	321	7	68	0	1
09	29	2032	800	9	5	138	7	-4	4	301	322	7	81	3	1
10	32	2295	775	9	5	137	2	-3	4	302	323	7	81	3	1
11	34	2558	750	6	2	117	8	-3	6	303	321	5	74	6	1
12	37	2844	725	5	0	131	1	-3	2	305	320	5	65	5	2
13	39	3130	700	3	3	148	4	-2	3	306	320	4	69	1	2
14	42	3425	675	1	6	198	8	-2	4	307	321	4	77	2	2
15	44	3729	650	0	9	250	2	-2	6	311	321	3	49	6	2
16	46	4044	625	0	9	245	6	-1	8	312	321	3	50	8	2
17	49	4370	600	0	6	211	1	1	9	313	321	2	47	9	2
18	52	4707	575	0	4	180	1	0	0	314	321	2	42	1	2
19	55	5055	550	0	2	178	7	0	0	315	322	2	30	3	2
20	59	5415	525	0	0	192	3	1	2	316	321	1	27	4	3
21	62	5790	500	0	0	197	7	2	0	318	320	1	23	6	3
22	65	6178	475	0	0	204	5	3	1	318	321	0	19	2	3
23	69	6585	450	0	0	199	8	2	4	320	323	0	14	4	2
24	72	7010	425	0	0	174	7	-0	7	322	324	0	8	6	2
25	76	7455	400	0	0	174	7	0	7	322	324	0	6	6	2
26	79	7922	375	0	0	216	2	-4	8	325	328	0	5	4	3
27	83	8414	350	0	0	229	9	7	8	325	328	0	4	4	3
28	87	8934	325	0	0	224	2	8	7	325	329	0	3	5	3
29	91	9487	300	0	0	223	5	7	5	328	329	0	2	7	3
30	95	10075	275	0	0	211	9	3	7	328	329	0	1	4	3
31	104	10705	250	0	0	192	1	1	7	329	329	0	0	4	3
32	109	11385	225	0	0	192	9	2	7	329	329	0	0	4	3
33	114	12128	200	0	0	209	7	6	6	331	329	0	0	4	3
34	119	12958	175	0	0	227	1	1	5	332	329	0	0	4	3
35	125	13918	150	0	0	240	9	1	7	347	329	0	0	4	3
36	132	15048	125	0	0	250	1	8	7	364	329	0	0	4	3
37	139	16411	100	0	0	246	1	8	4	402	329	0	0	4	3
38	147	18155	75	0	0	300	9	3	6	433	329	0	0	4	3
39	157	20634	50	0	0	81	7	-5	3	499	329	0	0	4	3
40	166	25016	25	0	0	99	9	9	9	629	329	0	0	4	3

\* BY SPEED 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 RECORDS  
OF POOR QUALITY

STATION NO. 270  
EL PASO, TEXAS  
2 MAY 1100 GMT 1982

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	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	3
00	19	1193	883	13	8	100	1	0	0	297	318	7	70	0	
01	20	1000	1000	99	99	99	99	99	99	99	99	99	99	99	
02	21	975	975	99	99	99	99	99	99	99	99	99	99	99	
03	22	950	950	99	99	99	99	99	99	99	99	99	99	99	
04	23	925	925	99	99	99	99	99	99	99	99	99	99	99	
05	24	900	900	99	99	99	99	99	99	99	99	99	99	99	
06	25	1278	875	13	8	109	6	0	2	298	320	8	73	1	
07	26	1772	850	12	9	114	6	0	2	299	323	8	84	2	
08	27	2029	825	10	9	132	6	3	4	299	323	8	90	2	
09	28	2293	800	9	8	143	6	3	4	299	323	8	96	0	
10	29	2584	775	8	7	160	8	4	9	301	325	8	94	7	
11	30	2843	750	7	6	187	4	5	2	303	326	8	94	7	
12	31	3129	725	5	5	207	6	3	3	305	327	8	98	2	
13	32	3424	700	3	4	207	6	3	3	305	327	8	98	2	
14	33	3727	675	1	3	207	6	3	3	305	327	8	98	2	
15	34	4041	650	0	2	207	6	3	3	305	327	8	98	2	
16	35	4355	625	0	1	207	6	3	3	305	327	8	98	2	
17	36	4701	600	0	0	207	6	3	3	305	327	8	98	2	
18	37	5049	575	0	0	207	6	3	3	305	327	8	98	2	
19	38	5409	550	0	0	207	6	3	3	305	327	8	98	2	
20	39	5784	525	0	0	207	6	3	3	305	327	8	98	2	
21	40	6174	500	0	0	207	6	3	3	305	327	8	98	2	
22	41	6580	475	0	0	207	6	3	3	305	327	8	98	2	
23	42	7004	450	0	0	207	6	3	3	305	327	8	98	2	
24	43	7449	425	0	0	207	6	3	3	305	327	8	98	2	
25	44	7916	400	0	0	207	6	3	3	305	327	8	98	2	
26	45	8408	375	0	0	207	6	3	3	305	327	8	98	2	
27	46	8928	350	0	0	207	6	3	3	305	327	8	98	2	
28	47	9478	325	0	0	207	6	3	3	305	327	8	98	2	
29	48	10052	300	0	0	207	6	3	3	305	327	8	98	2	
30	49	10652	275	0	0	207	6	3	3	305	327	8	98	2	
31	50	11372	250	0	0	207	6	3	3	305	327	8	98	2	
32	51	12116	225	0	0	207	6	3	3	305	327	8	98	2	
33	52	12948	200	0	0	207	6	3	3	305	327	8	98	2	
34	53	13916	175	0	0	207	6	3	3	305	327	8	98	2	
35	54	15055	150	0	0	207	6	3	3	305	327	8	98	2	
36	55	16427	125	0	0	207	6	3	3	305	327	8	98	2	
37	56	18181	100	0	0	207	6	3	3	305	327	8	98	2	
38	57	20691	75	0	0	207	6	3	3	305	327	8	98	2	
39	58	25111	50	0	0	207	6	3	3	305	327	8	98	2	
40	59		25	0	0	207	6	3	3	305	327	8	98	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

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 274  
TUCSON, ARIZONA  
1 MAY 1982  
1111 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	L POT T DG K	MAX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00	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 0
00	99 9	1000 0	923 5	20 6	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
00	99 9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
00	99 9	99 9	950 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
00	99 9	99 9	925 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
00	14 3	1010 7	900 0	21 6	7 3	99 9	99 9	99 9	99 9	303 7	323 6	7 1	39 7	99 9	99 9
00	16 4	1254 2	875 0	19 8	7 3	99 9	99 9	99 9	99 9	304 3	324 6	7 4	44 8	99 9	99 9
00	18 6	1502 8	850 0	17 3	6 2	93 2	6 1	-6 1	0 3	304 3	324 7	7 3	50 1	0 8	27 6
00	20 8	1756 8	825 0	14 9	5 7	98 6	6 3	-6 5	1 0	304 3	324 5	7 2	56 0	1 1	22 4
00	23 0	2018 4	800 0	12 7	5 7	99 9	6 3	-6 2	1 1	304 3	324 9	7 2	62 3	1 5	22 7
00	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	22 7
00	27 6	2556 9	750 0	10 1	2 9	112 1	5 9	-5 4	2 2	307 6	325 5	6 3	65 4	2 5	23 1
00	30 0	2837 8	725 0	7 7	1 6	100 9	4 7	-4 7	0 9	307 6	325 0	5 0	65 4	2 5	23 1
00	32 5	3128 3	700 0	5 1	-0 6	103 7	2 7	-2 6	0 6	308 1	325 3	5 3	66 7	2 7	28 1
00	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	28 1
00	37 5	3727 8	650 0	0 6	-1 0	136 8	4 0	-2 7	2 9	309 7	325 6	5 5	85 3	3 1	28 3
00	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	24 6
00	42 6	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	29 6
00	45 6	4700 8	575 0	-6 3	-7 1	165 6	6 4	-1 4	6 2	312 6	324 3	3 9	94 5	3 9	29 6
00	48 4	5047 0	550 0	-9 2	-10 2	185 7	5 7	-1 4	6 2	313 2	322 9	3 2	91 8	4 2	30 1
00	51 4	5405 6	525 0	-11 7	-14 9	174 7	3 7	-0 3	6 7	314 4	321 6	2 3	91 8	4 5	30 1
00	54 4	5779 6	500 0	-11 7	-32 4	192 7	3 0	-0 7	7 2	319 5	321 2	0 5	15 3	4 5	35 5
00	57 6	6171 7	475 0	-13 7	-32 3	179 4	3 1	-0 7	7 2	321 0	322 5	0 4	15 3	4 7	35 5
00	60 9	6580 0	450 0	-17 3	-35 2	192 4	3 4	0 7	7 2	321 5	323 1	0 5	15 3	4 7	35 5
00	64 1	7005 3	425 0	-20 8	-39 8	202 1	4 5	1 7	7 2	322 5	323 3	0 7	16 3	4 9	35 6
00	67 7	7450 6	400 0	-24 3	-42 7	194 4	6 1	1 5	7 9	323 5	324 3	0 7	16 3	5 0	35 6
00	71 4	7917 9	375 0	-27 9	-45 3	201 0	7 4	2 7	8 9	324 7	325 4	0 2	17 0	5 3	34 1
00	75 3	8409 4	350 0	-31 8	-48 5	198 2	8 5	3 4	9 9	325 9	326 3	0 1	17 1	5 7	33 4
00	79 5	8928 7	325 0	-36 0	-52 0	203 5	8 6	4 2	9 9	327 0	327 4	0 1	17 3	6 3	33 4
00	83 2	9479 0	300 0	-40 5	-52 0	218 1	9 9	5 9	9 9	328 3	327 4	0 1	17 3	7 9	34 6
00	88 0	10067 7	275 0	-44 0	-59 9	239 0	11 8	11 0	9 9	331 0	99 9	99 9	99 9	8 6	35 4
00	93 0	10700 1	250 0	-49 4	-69 9	257 2	15 3	14 9	9 9	332 6	99 9	99 9	99 9	8 9	37 4
00	98 0	11380 2	225 0	-55 5	-79 9	254 8	18 6	18 0	9 9	333 5	99 9	99 9	99 9	10 2	39 1
00	103 5	12123 3	200 0	-60 3	-89 9	258 3	17 3	18 9	9 9	337 3	99 9	99 9	99 9	12 0	41 1
00	109 3	12950 6	175 0	-62 7	-99 9	260 1	15 6	15 3	9 9	347 3	99 9	99 9	99 9	13 9	41 7
00	115 5	13909 2	150 0	-60 7	-99 9	261 6	12 5	13 3	9 9	355 5	99 9	99 9	99 9	16 6	42 7
00	122 0	15031 8	125 0	-64 8	-99 9	259 9	7 9	17 6	9 9	377 7	99 9	99 9	99 9	21 6	56 6
00	129 2	16389 1	100 0	-66 2	-99 9	255 4	6 0	22 4	9 9	400 0	99 9	99 9	99 9	22 9	59 6
00	138 7	18130 0	75 0	-66 8	-99 9	254 4	3 1	31 1	9 9	433 0	99 9	99 9	99 9	22 9	59 6
00	144 7	20615 1	50 0	-60 0	-99 9	277 9	3 1	44 4	9 9	502 1	99 9	99 9	99 9	22 2	62 2
00	153 0	25010 2	25 0	-52 5	-99 9	254 4	4 2	4 0	9 9	635 8	99 9	99 9	99 9	22 2	62 2

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



ORIGINAL PART OF  
OF POOR QUALITY

STATION NO. 274  
TUCSON, ARIZONA  
1 MAY 1982  
1405 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	M. RTD GM/KG	RH PCT	RANGE KM	AZ DG
00	12	787	924	21	8	80	2	-2	-0	301	321	7	44	0	0
01	99	99	1000	99	99	99	99	99	99	99	99	99	99	999	999
02	99	99	975	99	99	99	99	99	99	99	99	99	99	999	999
03	99	99	925	99	99	99	99	99	99	99	99	99	99	999	999
04	99	99	900	20	7	99	99	99	99	302	322	7	47	9	999
05	17	1252	875	18	7	111	12	-1	4	303	323	7	51	7	0
06	19	1307	825	15	6	118	11	-3	5	304	324	7	53	9	286
07	21	1761	690	13	5	125	7	-6	4	305	325	7	58	2	292
08	24	2021	775	12	4	128	5	-5	3	307	326	6	58	4	292
09	28	2863	750	11	2	131	4	-3	2	308	326	6	55	3	295
10	31	3135	725	9	1	131	4	-3	2	309	326	6	56	4	297
11	36	3433	700	7	0	162	2	-0	3	310	325	5	56	7	299
12	39	3740	650	4	0	185	1	0	3	311	324	4	71	3	303
13	42	4055	600	1	0	184	2	0	4	311	324	4	76	4	317
14	45	4380	575	-3	0	179	7	-2	5	312	323	3	78	9	319
15	48	4715	550	-6	2	162	6	-3	6	314	323	3	82	2	317
16	51	5082	525	-8	5	145	5	-4	5	314	322	2	83	0	315
17	54	5421	500	-11	3	128	1	-4	6	316	322	2	82	7	315
18	57	5794	475	-13	2	109	0	-4	6	321	322	2	82	7	315
19	60	6188	450	-16	7	113	4	-3	4	322	322	2	82	7	315
20	64	6584	425	-20	6	135	3	-3	4	322	322	2	82	7	315
21	67	7021	400	-24	6	162	1	-1	5	322	322	2	82	7	315
22	71	7466	375	-27	4	177	1	-0	6	323	322	2	82	7	315
23	75	7934	350	-31	4	187	3	0	6	323	322	2	82	7	315
24	79	8426	325	-34	9	198	6	1	7	323	322	2	82	7	315
25	83	8947	300	-37	9	221	1	3	7	323	322	2	82	7	315
26	88	9502	275	-42	7	242	5	8	8	323	322	2	82	7	315
27	92	10065	250	-48	4	258	1	10	8	334	333	3	99	9	350
28	97	10731	225	-53	5	248	2	14	6	336	335	5	99	9	350
29	102	11416	200	-59	1	250	9	18	6	339	339	9	99	9	350
30	108	12103	175	-60	6	249	7	13	3	348	348	8	99	9	350
31	114	12882	150	-58	8	246	6	11	6	368	368	8	99	9	350
32	121	13662	125	-62	4	253	4	10	7	382	382	0	99	9	350
33	128	14442	100	-62	8	253	4	7	5	405	405	0	99	9	350
34	135	15222	75	-63	9	272	0	4	0	439	439	0	99	9	350
35	143	16002	50	-57	1	272	0	1	0	506	506	0	99	9	350
36	151	16782	25	-51	5	48	3	-3	4	637	637	0	99	9	350
37	160	17562	0	-51	5	48	3	-3	4	637	637	0	99	9	350

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY TEMP 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  
1705 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTG GM/KG	RH PCT	RANGE KM	AZ DG
00	14	787	923	25	8	120	7	-6	3	305	326	7	33	0	0
01	14	787	1000	25	8	120	7	-6	3	305	326	7	33	0	0
02	14	787	975	25	8	120	7	-6	3	305	326	7	33	0	0
03	14	787	950	25	8	120	7	-6	3	305	326	7	33	0	0
04	14	787	925	25	8	120	7	-6	3	305	326	7	33	0	0
05	14	787	900	23	8	120	7	-6	3	305	326	7	33	0	0
06	14	1012	875	23	8	120	7	-6	3	305	326	7	33	0	0
07	14	1257	850	20	8	120	7	-6	3	305	326	7	33	0	0
08	14	1507	825	19	8	120	7	-6	3	305	326	7	33	0	0
09	14	1763	800	18	8	120	7	-6	3	305	326	7	33	0	0
10	14	2024	775	14	8	120	7	-6	3	305	326	7	33	0	0
11	14	2281	750	12	8	120	7	-6	3	305	326	7	33	0	0
12	14	2566	725	9	8	120	7	-6	3	305	326	7	33	0	0
13	14	2848	700	6	8	120	7	-6	3	305	326	7	33	0	0
14	14	3139	675	4	8	120	7	-6	3	305	326	7	33	0	0
15	14	3427	650	2	8	120	7	-6	3	305	326	7	33	0	0
16	14	3744	625	0	8	120	7	-6	3	305	326	7	33	0	0
17	14	4080	600	-1	8	120	7	-6	3	305	326	7	33	0	0
18	14	4386	575	-3	8	120	7	-6	3	305	326	7	33	0	0
19	14	4722	550	-5	8	120	7	-6	3	305	326	7	33	0	0
20	14	5071	525	-8	8	120	7	-6	3	305	326	7	33	0	0
21	14	5428	500	-11	8	120	7	-6	3	305	326	7	33	0	0
22	14	5800	475	-14	8	120	7	-6	3	305	326	7	33	0	0
23	14	6187	450	-17	8	120	7	-6	3	305	326	7	33	0	0
24	14	6596	425	-20	8	120	7	-6	3	305	326	7	33	0	0
25	14	7023	400	-23	8	120	7	-6	3	305	326	7	33	0	0
26	14	7478	375	-27	8	120	7	-6	3	305	326	7	33	0	0
27	14	7938	350	-30	8	120	7	-6	3	305	326	7	33	0	0
28	14	8431	325	-34	8	120	7	-6	3	305	326	7	33	0	0
29	14	8954	300	-37	8	120	7	-6	3	305	326	7	33	0	0
30	14	9510	275	-41	8	120	7	-6	3	305	326	7	33	0	0
31	14	10108	250	-47	8	120	7	-6	3	305	326	7	33	0	0
32	14	10743	225	-53	8	120	7	-6	3	305	326	7	33	0	0
33	14	11437	200	-58	8	120	7	-6	3	305	326	7	33	0	0
34	14	12150	175	-63	8	120	7	-6	3	305	326	7	33	0	0
35	14	13014	150	-68	8	120	7	-6	3	305	326	7	33	0	0
36	14	13981	125	-73	8	120	7	-6	3	305	326	7	33	0	0
37	14	15123	100	-80	8	120	7	-6	3	305	326	7	33	0	0
38	14	16500	75	-83	8	120	7	-6	3	305	326	7	33	0	0
39	14	18267	50	-82	8	120	7	-6	3	305	326	7	33	0	0
40	14	20781	25	-86	8	120	7	-6	3	305	326	7	33	0	0
41	14	23223	25	-87	8	120	7	-6	3	305	326	7	33	0	0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN G 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 19  
OF POOR QUALITY

STATION NO 274  
TUCSON, ARIZONA  
1 MAY 1982  
2110 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00	11.7	787.0	822.5	28.1	7.4	100.0	7.2	-7.1	1.3	308.3	328.2	7.0	27.0	0.0	0.0
01	00.0	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
02	00.0	99.0	975.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
03	00.0	99.0	925.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
04	13.5	1004.7	805.0	25.2	5.2	99.5	9.3	-9.7	1.5	307.6	326.5	6.6	29.3	0.4	27.6
05	15.6	1251.2	875.0	23.2	5.9	103.2	7.9	-7.7	1.6	307.7	327.1	6.6	37.8	0.4	27.6
06	17.7	1502.7	850.0	20.0	5.7	104.2	9.7	-9.4	1.8	307.8	327.6	6.8	43.8	1.7	27.2
07	19.6	1759.7	825.0	18.2	5.9	101.6	9.3	-9.1	1.9	307.8	327.6	7.0	48.8	2.0	27.2
08	22.0	2022.3	800.0	15.6	4.9	100.6	7.1	-7.0	1.9	308.0	327.0	6.6	54.3	2.2	26.2
09	24.3	2280.9	775.0	13.2	4.1	110.6	5.4	-5.1	1.9	308.0	327.0	6.4	59.0	2.2	26.2
10	26.5	2565.9	750.0	10.8	3.1	141.9	3.9	-2.4	3.1	308.8	324.1	5.3	61.4	2.2	26.2
11	28.8	2847.7	725.0	8.5	-0.8	154.0	3.4	-1.5	3.1	309.2	324.1	5.2	61.4	2.2	26.2
12	31.2	3137.1	700.0	6.1	-0.8	141.9	3.4	-1.2	3.8	309.5	324.2	5.2	71.9	3.1	29.4
13	33.6	3434.1	675.0	3.4	-1.2	138.4	5.0	-3.2	4.7	310.9	324.9	4.8	71.9	3.1	29.4
14	36.1	3733.8	650.0	1.7	-2.8	149.8	7.3	-3.7	6.3	311.4	325.0	4.6	80.3	3.9	29.9
15	38.7	4055.1	625.0	-0.9	-3.9	160.3	7.3	-2.9	6.9	312.7	325.6	4.6	89.2	4.4	30.6
16	41.2	4380.1	600.0	-2.9	-5.5	153.5	6.6	-2.4	6.9	313.6	325.7	3.6	81.1	4.5	30.6
17	43.6	4715.8	575.0	-5.5	-8.1	148.0	7.4	-1.4	6.1	314.4	325.7	3.3	81.1	4.5	30.6
18	46.0	5062.2	550.0	-8.2	-10.6	146.8	6.8	-1.4	6.0	316.3	325.7	3.2	89.2	4.4	30.6
19	48.5	5423.6	525.0	-10.1	-14.6	156.6	6.0	-3.0	6.0	317.7	325.7	3.0	89.2	4.4	30.6
20	51.0	5798.2	500.0	-12.6	-18.1	153.0	6.0	-3.0	6.0	319.3	325.7	3.0	89.2	4.4	30.6
21	53.5	6168.0	475.0	-15.1	-21.4	153.0	6.0	-4.0	6.0	321.0	325.7	3.0	89.2	4.4	30.6
22	56.0	6537.4	450.0	-17.7	-24.6	150.2	6.0	-4.0	6.0	322.7	325.7	3.0	89.2	4.4	30.6
23	58.5	6906.8	425.0	-20.2	-28.2	150.2	6.0	-5.2	6.0	324.4	325.7	3.0	89.2	4.4	30.6
24	61.0	7276.2	400.0	-22.8	-31.8	150.2	6.0	-5.2	6.0	326.1	325.7	3.0	89.2	4.4	30.6
25	63.5	7645.6	375.0	-25.4	-35.4	155.9	6.0	-4.7	6.0	327.8	325.7	3.0	89.2	4.4	30.6
26	66.0	8015.0	350.0	-28.0	-39.0	175.9	6.0	-2.7	6.0	329.5	325.7	3.0	89.2	4.4	30.6
27	68.5	8384.4	325.0	-30.6	-42.6	156.3	6.2	-0.7	6.0	331.2	325.7	3.0	89.2	4.4	30.6
28	71.0	8753.8	300.0	-33.2	-46.2	214.4	6.2	1.2	6.0	332.9	325.7	3.0	89.2	4.4	30.6
29	73.5	9123.2	275.0	-35.8	-49.8	210.0	6.2	1.2	6.0	334.6	325.7	3.0	89.2	4.4	30.6
30	76.0	9492.6	250.0	-38.4	-53.4	201.3	6.2	1.2	6.0	336.3	325.7	3.0	89.2	4.4	30.6
31	78.5	9862.0	225.0	-41.0	-57.0	201.5	6.2	1.2	6.0	338.0	325.7	3.0	89.2	4.4	30.6
32	81.0	10231.4	200.0	-43.6	-60.6	203.3	6.2	1.2	6.0	339.7	325.7	3.0	89.2	4.4	30.6
33	83.5	10600.8	175.0	-46.2	-64.2	218.4	6.2	1.2	6.0	341.4	325.7	3.0	89.2	4.4	30.6
34	86.0	10970.2	150.0	-48.8	-67.8	223.6	6.2	1.2	6.0	343.1	325.7	3.0	89.2	4.4	30.6
35	88.5	11339.6	125.0	-51.4	-71.4	240.6	6.2	1.2	6.0	344.8	325.7	3.0	89.2	4.4	30.6
36	91.0	11709.0	100.0	-54.0	-75.0	244.1	6.2	1.2	6.0	346.5	325.7	3.0	89.2	4.4	30.6
37	93.5	12078.4	75.0	-56.6	-78.6	244.1	6.2	1.2	6.0	348.2	325.7	3.0	89.2	4.4	30.6
38	96.0	12447.8	50.0	-59.2	-82.2	177.7	6.2	1.2	6.0	349.9	325.7	3.0	89.2	4.4	30.6
39	98.5	12817.2	25.0	-61.8	-85.8	164.5	6.2	1.2	6.0	351.6	325.7	3.0	89.2	4.4	30.6
40	101.0	13186.6	0.0	-64.4	-89.4	99.9	6.2	1.2	6.0	353.3	325.7	3.0	89.2	4.4	30.6
41	103.5	13556.0	0.0	-67.0	-93.0	99.9	6.2	1.2	6.0	355.0	325.7	3.0	89.2	4.4	30.6
42	106.0	13925.4	0.0	-69.6	-96.6	201.3	6.2	1.2	6.0	356.7	325.7	3.0	89.2	4.4	30.6
43	108.5	14294.8	0.0	-72.2	-100.2	201.5	6.2	1.2	6.0	358.4	325.7	3.0	89.2	4.4	30.6
44	111.0	14664.2	0.0	-74.8	-103.8	203.3	6.2	1.2	6.0	360.1	325.7	3.0	89.2	4.4	30.6
45	113.5	15033.6	0.0	-77.4	-107.4	218.4	6.2	1.2	6.0	361.8	325.7	3.0	89.2	4.4	30.6
46	116.0	15403.0	0.0	-80.0	-111.0	223.6	6.2	1.2	6.0	363.5	325.7	3.0	89.2	4.4	30.6
47	118.5	15772.4	0.0	-82.6	-114.6	240.6	6.2	1.2	6.0	365.2	325.7	3.0	89.2	4.4	30.6
48	121.0	16141.8	0.0	-85.2	-118.2	244.1	6.2	1.2	6.0	366.9	325.7	3.0	89.2	4.4	30.6
49	123.5	16511.2	0.0	-87.8	-121.8	177.7	6.2	1.2	6.0	368.6	325.7	3.0	89.2	4.4	30.6
50	126.0	16880.6	0.0	-90.4	-125.4	164.5	6.2	1.2	6.0	370.3	325.7	3.0	89.2	4.4	30.6
51	128.5	17250.0	0.0	-93.0	-129.0	99.9	6.2	1.2	6.0	372.0	325.7	3.0	89.2	4.4	30.6
52	131.0	17619.4	0.0	-95.6	-132.6	99.9	6.2	1.2	6.0	373.7	325.7	3.0	89.2	4.4	30.6
53	133.5	17988.8	0.0	-98.2	-136.2	99.9	6.2	1.2	6.0	375.4	325.7	3.0	89.2	4.4	30.6
54	136.0	18358.2	0.0	-100.8	-139.8	99.9	6.2	1.2	6.0	377.1	325.7	3.0	89.2	4.4	30.6
55	138.5	18727.6	0.0	-103.4	-143.4	99.9	6.2	1.2	6.0	378.8	325.7	3.0	89.2	4.4	30.6
56	141.0	19097.0	0.0	-106.0	-147.0	99.9	6.2	1.2	6.0	380.5	325.7	3.0	89.2	4.4	30.6
57	143.5	19466.4	0.0	-108.6	-150.6	99.9	6.2	1.2	6.0	382.2	325.7	3.0	89.2	4.4	30.6
58	146.0	19835.8	0.0	-111.2	-154.2	99.9	6.2	1.2	6.0	383.9	325.7	3.0	89.2	4.4	30.6
59	148.5	20205.2	0.0	-113.8	-157.8	99.9	6.2	1.2	6.0	385.6	325.7	3.0	89.2	4.4	30.6
60	151.0	20574.6	0.0	-116.4	-161.4	99.9	6.2	1.2	6.0	387.3	325.7	3.0	89.2	4.4	30.6

\* BY SPEED MEANS ELEVATION 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 2320 GMT 1982

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCY	RANGE KM	AZ DG
00	12	787	921	20	13	280	5	5	-1	300	329	10	54	0	0
01	08	98	1000	08	08	98	9	9	99	99	99	99	99	9	999
02	08	98	975	08	08	98	9	9	99	99	99	99	99	9	999
03	08	98	950	08	08	98	9	9	99	99	99	99	99	9	999
04	08	98	925	08	08	98	9	9	99	99	99	99	99	9	999
05	14	987	900	08	08	98	9	9	99	99	99	99	99	9	999
06	18	1231	875	08	08	98	9	9	99	99	99	99	99	9	999
07	18	1480	850	08	08	98	9	9	99	99	99	99	99	9	999
08	21	1736	825	08	08	98	9	9	99	99	99	99	99	9	999
09	23	1998	800	08	08	98	9	9	99	99	99	99	99	9	999
10	26	2268	775	08	08	98	9	9	99	99	99	99	99	9	999
11	28	2541	750	08	08	98	9	9	99	99	99	99	99	9	999
12	31	2823	725	08	08	98	9	9	99	99	99	99	99	9	999
13	33	3111	700	08	08	98	9	9	99	99	99	99	99	9	999
14	35	3408	675	08	08	98	9	9	99	99	99	99	99	9	999
15	37	3713	650	08	08	98	9	9	99	99	99	99	99	9	999
16	40	4027	625	08	08	98	9	9	99	99	99	99	99	9	999
17	42	4351	600	08	08	98	9	9	99	99	99	99	99	9	999
18	44	4686	575	08	08	98	9	9	99	99	99	99	99	9	999
19	47	5034	550	08	08	98	9	9	99	99	99	99	99	9	999
20	50	5394	525	08	08	98	9	9	99	99	99	99	99	9	999
21	53	5768	500	08	08	98	9	9	99	99	99	99	99	9	999
22	56	6161	475	08	08	98	9	9	99	99	99	99	99	9	999
23	59	6570	450	08	08	98	9	9	99	99	99	99	99	9	999
24	62	6998	425	08	08	98	9	9	99	99	99	99	99	9	999
25	64	7447	400	08	08	98	9	9	99	99	99	99	99	9	999
26	67	7917	375	08	08	98	9	9	99	99	99	99	99	9	999
27	71	8414	350	08	08	98	9	9	99	99	99	99	99	9	999
28	75	8939	325	08	08	98	9	9	99	99	99	99	99	9	999
29	80	9495	300	08	08	98	9	9	99	99	99	99	99	9	999
30	83	10088	275	08	08	98	9	9	99	99	99	99	99	9	999
31	88	10788	250	08	08	98	9	9	99	99	99	99	99	9	999
32	93	11495	225	08	08	98	9	9	99	99	99	99	99	9	999
33	103	12151	200	08	08	98	9	9	99	99	99	99	99	9	999
34	109	12887	175	08	08	98	9	9	99	99	99	99	99	9	999
35	115	13652	150	08	08	98	9	9	99	99	99	99	99	9	999
36	121	14460	125	08	08	98	9	9	99	99	99	99	99	9	999
37	128	15307	100	08	08	98	9	9	99	99	99	99	99	9	999
38	135	16180	75	08	08	98	9	9	99	99	99	99	99	9	999
39	143	17080	50	08	08	98	9	9	99	99	99	99	99	9	999
40	151	18000	25	08	08	98	9	9	99	99	99	99	99	9	999
41	159	18940	0	08	08	98	9	9	99	99	99	99	99	9	999
42	167	19900	25	08	08	98	9	9	99	99	99	99	99	9	999
43	175	20880	0	08	08	98	9	9	99	99	99	99	99	9	999
44	183	21880	25	08	08	98	9	9	99	99	99	99	99	9	999
45	191	22900	0	08	08	98	9	9	99	99	99	99	99	9	999
46	199	23940	25	08	08	98	9	9	99	99	99	99	99	9	999
47	207	25000	0	08	08	98	9	9	99	99	99	99	99	9	999
48	215	26080	25	08	08	98	9	9	99	99	99	99	99	9	999
49	223	27180	0	08	08	98	9	9	99	99	99	99	99	9	999
50	231	28300	25	08	08	98	9	9	99	99	99	99	99	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 4 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

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEM 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 RTG GM/KG	RH PCT	RANGE KM	18 DG	0 DG
00	13	787	923	18	11	70	5	-5	-1	28	323	9	60	0	0	0
01	08	999	1000	19	99	99	9	99	99	99	999	9	999	9	999	999
02	08	999	975	19	99	99	9	99	99	99	999	9	999	9	999	999
03	08	999	950	19	99	99	9	99	99	99	999	9	999	9	999	999
04	08	999	545	19	99	99	9	99	99	99	999	9	999	9	999	999
05	08	1000	900	18	10	999	9	999	999	300	324	5	55	9	999	999
06	08	1250	875	17	17	999	9	999	999	302	324	5	48	3	999	999
07	23	1499	850	15	6	142	7	-3	5	304	324	5	48	3	999	999
08	23	1752	825	14	4	154	9	-2	9	305	323	8	48	3	999	999
09	23	2013	800	14	3	180	1	-1	0	306	324	0	49	3	999	999
10	27	2280	775	11	3	174	5	0	7	307	324	4	55	9	999	999
11	30	2554	750	9	3	184	0	1	9	308	325	6	62	4	999	999
12	32	2835	725	6	3	221	6	3	5	309	325	9	70	8	999	999
13	35	3124	700	5	0	231	3	4	4	310	326	1	73	1	999	999
14	38	3421	675	4	0	221	3	5	0	312	326	2	79	8	999	999
15	41	3727	650	4	0	221	3	6	0	313	326	2	81	2	999	999
16	43	4042	625	3	0	204	2	4	0	314	325	4	84	2	999	999
17	46	4367	600	3	0	204	2	3	9	315	324	5	88	4	999	999
18	48	4702	575	3	0	203	3	3	3	316	323	8	93	6	999	999
19	51	5048	550	3	0	207	4	7	1	317	319	6	98	0	999	999
20	54	5408	525	3	0	205	6	2	6	318	324	7	100	0	999	999
21	57	5783	500	3	0	198	2	3	6	319	325	7	106	0	999	999
22	60	6173	475	3	0	197	8	3	4	320	325	4	113	0	999	999
23	63	6579	450	3	0	188	6	1	6	321	325	4	121	3	999	999
24	66	7044	425	3	0	153	7	3	5	324	326	0	131	3	999	999
25	69	7448	400	3	0	125	7	-7	0	325	326	0	141	4	999	999
26	73	7918	375	3	0	117	1	-8	6	326	326	0	151	5	999	999
27	77	8410	350	3	0	122	2	-8	8	327	326	0	164	4	999	999
28	81	8930	325	3	0	125	2	-10	1	328	326	0	179	3	999	999
29	84	9481	300	3	0	130	3	-11	0	329	326	0	197	3	999	999
30	88	10065	275	3	0	145	3	-9	5	330	326	0	218	2	999	999
31	92	10685	250	3	0	162	5	-5	5	331	326	0	244	6	999	999
32	96	11374	225	3	0	182	8	-0	7	332	326	0	272	6	999	999
33	101	12123	200	3	0	178	8	0	7	333	326	0	304	6	999	999
34	106	12960	175	3	0	194	3	2	0	334	326	0	341	6	999	999
35	111	13927	150	3	0	210	2	0	4	335	326	0	384	6	999	999
36	117	15068	125	3	0	223	6	4	9	336	326	0	434	6	999	999
37	124	16448	100	3	0	236	0	3	0	337	326	0	492	6	999	999
38	132	18208	75	3	0	250	9	0	2	338	326	0	559	6	999	999
39	141	20005	50	3	0	145	1	-3	0	339	326	0	637	6	999	999
40	150	25071	25	3	0	114	2	-3	3	340	326	0	737	6	999	999

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN C 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 S.W. ATUM EXCEEDS 5 C CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 274  
TUCSON, ARIZONA  
2 MAY 1982  
1105 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	AL CG
00	0														
00	14.3	787.0	922.5	17.8	10.2	120.0	5.2	-4.5	2.6	297.8	320.6	8.5	81.0	0.0	0.0
00	98.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00	98.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00	98.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00	98.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
07	18.7	99.9	900.0	18.2	8.7	99.9	99.9	99.9	99.9	300.2	321.8	7.9	53.5	99.9	99.9
15	19.3	120.5	875.0	18.1	7.4	99.9	99.9	99.9	99.9	302.6	323.9	7.4	49.5	99.9	99.9
23	21.6	148.7	850.0	15.5	6.9	127.3	10.1	-6.7	6.2	303.5	323.8	7.4	52.8	1.6	31.0
31	27.7	174.1	825.0	15.0	6.1	133.0	6.2	-6.7	5.2	305.2	324.1	6.7	55.3	2.2	31.0
40	30.0	200.6	800.0	13.2	4.7	160.6	5.2	-2.2	4.9	306.2	324.5	6.4	58.1	2.2	31.9
49	32.8	226.8	750.0	11.6	3.7	186.6	4.9	0.2	4.9	307.3	325.9	6.6	64.2	2.2	32.7
58	35.5	283.0	700.0	9.9	3.4	182.0	5.5	0.2	5.4	307.8	325.5	6.5	64.9	2.2	32.2
67	38.3	311.0	675.0	7.4	0.0	197.6	6.6	2.0	6.3	307.8	323.5	5.5	71.3	2.2	32.2
77	41.1	340.6	650.0	4.7	-0.5	195.0	8.5	2.2	8.2	308.0	323.6	5.5	83.9	2.2	32.2
86	44.0	370.8	625.0	-0.8	-1.9	192.4	9.9	2.7	9.7	308.0	319.9	4.1	73.4	3.6	34.1
96	47.0	402.2	600.0	-2.1	-5.0	193.7	11.4	2.7	11.2	310.1	318.0	1.9	36.7	3.6	34.1
107	50.0	434.5	575.0	-4.3	-14.9	198.3	12.8	3.8	12.2	311.2	315.9	1.0	32.3	4.4	35.1
118	53.0	467.9	550.0	-6.2	-23.8	198.6	10.4	4.1	9.4	312.7	316.2	0.8	22.2	5.4	35.1
129	56.1	502.0	525.0	-8.9	-26.8	205.9	8.9	3.9	8.0	313.8	317.2	0.8	28.8	6.7	35.1
151	59.3	538.4	500.0	-11.6	-26.8	208.1	9.8	4.5	8.6	315.8	318.4	0.8	31.2	7.6	35.1
163	62.5	575.7	475.0	-14.2	-27.5	209.5	8.8	4.3	7.7	317.0	321.5	1.3	65.1	8.1	35.1
174	65.8	614.4	450.0	-16.9	-27.5	209.5	9.8	4.3	9.4	317.7	322.2	1.3	78.2	9.6	35.1
186	69.1	654.8	425.0	-20.3	-23.1	196.7	11.4	2.8	11.3	320.8	322.2	0.4	48.9	10.6	35.1
199	72.6	699.9	400.0	-22.4	-30.3	182.4	10.8	0.5	10.8	322.0	323.9	0.3	37.0	11.6	35.1
214	76.0	747.2	375.0	-25.4	-35.7	182.4	11.0	0.5	11.0	322.0	323.9	0.3	35.9	11.6	35.1
230	79.7	787.2	350.0	-28.3	-38.6	182.4	11.3	-0.2	11.3	323.3	324.7	0.2	39.2	12.7	35.1
248	83.3	828.6	325.0	-31.2	-42.7	176.2	12.4	-0.2	11.8	323.3	324.7	0.2	45.6	13.8	35.1
263	87.3	869.3	300.0	-34.3	-45.6	158.5	15.3	-0.3	11.3	324.7	324.7	0.2	45.6	14.9	35.1
280	91.3	912.6	300.0	-36.3	-45.6	137.5	17.3	-0.3	10.3	325.7	325.7	0.2	45.6	15.9	35.1
298	95.5	960.0	275.0	-46.6	-48.9	127.6	17.7	-0.3	10.5	327.7	327.7	0.2	45.6	17.2	35.1
313	100.0	1000.0	250.0	-52.0	-52.0	140.1	16.7	-10.7	10.5	328.8	328.8	0.2	45.6	18.9	35.1
332	104.8	1133.9	225.0	-54.0	-54.0	171.3	13.5	-2.0	13.4	335.8	335.8	0.2	45.6	20.2	35.1
355	109.8	1208.2	200.0	-55.7	-55.7	211.8	10.8	6.0	13.2	344.5	344.5	0.2	45.6	21.2	35.1
381	115.2	1293.8	175.0	-57.7	-57.7	226.9	11.5	6.7	13.4	353.1	353.1	0.2	45.6	22.6	35.1
409	121.0	1383.6	150.0	-58.0	-58.0	215.3	11.2	8.2	13.4	370.2	370.2	0.2	45.6	24.3	35.1
442	127.7	1503.3	125.0	-58.0	-58.0	226.9	11.2	4.7	13.4	408.9	408.9	0.2	45.6	25.6	35.1
479	135.2	1647.4	100.0	-63.0	-63.0	221.2	17.2	3.9	13.4	438.8	438.8	0.2	45.6	26.9	35.1
527	144.0	1817.2	75.0	-64.0	-64.0	263.4	4.0	3.9	13.4	497.8	497.8	0.2	45.6	28.9	35.1
589	154.0	2066.9	50.0	-61.9	-61.9	122.2	3.2	3.9	13.4	632.5	632.5	0.2	45.6	31.2	35.1
692	165.0	2505.9	25.0	-52.9	-52.9	99.9	99.9	99.9	99.9	632.5	632.5	0.2	45.6	32.6	35.1

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

C-3

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO J40  
LITTLE ROCK, ARKANSAS  
1 MAY 1100 GMT 1982

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00	00	172.0	1001.7	15.2	13.9	50.0	2.8	-2.0	-1.7	289.2	313.2	10.3	92.0	0.0	0
00	00	180.5	1000.0	15.6	14.2	57.4	3.2	-2.7	-1.7	289.2	315.2	10.3	90.7	0.0	302
00	00	402.8	975.0	16.1	14.0	61.4	3.6	-3.1	-1.7	291.3	318.3	10.4	92.0	0.0	237
00	00	823.2	925.0	14.1	12.8	49.9	2.8	-2.2	-1.8	292.0	317.2	9.7	86.3	0.0	234
00	00	848.3	925.0	12.4	10.6	44.2	3.2	-2.2	-2.2	293.0	315.9	8.6	92.0	0.0	231
00	00	1078.2	900.0	11.1	9.9	48.5	3.8	-2.8	-2.2	293.0	315.9	7.7	92.0	0.0	233
00	00	1312.9	875.0	9.1	7.9	55.9	3.1	-1.5	-2.2	294.8	314.8	7.5	94.0	0.0	227
00	00	1553.3	850.0	8.1	7.2	63.5	1.6	-0.8	-1.2	295.3	315.4	4.8	95.6	0.0	210
00	00	1799.5	825.0	6.3	5.1	380.5	4.1	4.0	-0.7	297.6	318.3	6.9	98.1	0.0	189
00	00	2051.7	800.0	5.2	4.6	301.6	5.2	4.5	-0.7	300.3	317.7	6.3	95.1	0.0	168
00	00	2312.2	775.0	5.2	4.6	295.2	7.2	5.6	-0.7	301.8	318.2	5.3	94.7	0.0	150
00	00	2579.6	750.0	3.4	2.8	297.9	8.2	7.7	-0.7	302.8	318.6	4.5	94.0	0.0	136
00	00	2854.7	725.0	2.1	1.9	297.2	7.7	6.9	-0.7	305.8	318.6	4.1	93.2	0.0	129
00	00	3127.5	700.0	0.2	-0.1	295.7	7.7	6.4	-0.7	307.5	319.6	3.7	92.7	0.0	127
00	00	3429.9	675.0	-1.1	-3.7	293.7	8.1	7.4	-0.7	308.9	320.2	2.9	90.6	0.0	125
00	00	4040.2	650.0	-2.4	-5.3	293.6	9.5	8.4	-0.7	310.3	321.1	2.1	76.1	0.0	122
00	00	4361.4	625.0	-3.3	-6.3	294.0	10.1	8.9	-0.7	312.2	319.5	1.7	73.9	0.0	118
00	00	4693.4	575.0	-4.4	-7.2	288.0	9.2	8.3	-0.7	313.1	319.7	1.8	88.7	0.0	115
00	00	5037.9	550.0	-10.0	-11.3	288.0	8.3	7.8	-0.7	316.2	320.6	1.2	73.0	0.0	113
00	00	5395.1	525.0	-12.8	-18.9	284.6	6.8	6.6	-0.7	318.9	322.1	1.0	71.1	0.0	111
00	00	5785.8	475.0	-15.4	-19.0	284.2	5.8	5.8	-0.7	320.9	324.0	0.8	64.2	0.0	105
00	00	6151.7	450.0	-17.6	-24.5	281.0	7.1	7.0	-0.7	322.2	324.2	0.4	59.7	0.0	103
00	00	6554.2	425.0	-23.5	-27.2	283.3	10.4	10.1	-0.7	322.9	325.2	0.3	58.7	0.0	101
00	00	6974.8	400.0	-26.2	-30.1	282.9	11.2	11.3	-0.7	325.2	325.2	0.3	58.9	0.0	99
00	00	7415.8	375.0	-29.8	-34.3	259.7	11.5	12.9	-0.7	325.2	325.2	0.3	58.9	0.0	99
00	00	7829.7	350.0	-34.0	-39.1	270.5	14.1	14.1	-0.7	325.2	325.2	0.3	58.9	0.0	99
00	00	8387.3	325.0	-38.1	-43.1	271.0	14.1	14.1	-0.7	325.2	325.2	0.3	58.9	0.0	99
00	00	8881.8	300.0	-42.7	-49.9	267.7	13.9	13.9	-0.7	325.2	325.2	0.3	58.9	0.0	99
00	00	9427.9	275.0	-47.9	-55.9	267.7	13.9	13.9	-0.7	325.2	325.2	0.3	58.9	0.0	99
00	00	10067.7	250.0	-52.5	-59.9	267.7	14.6	14.5	-0.7	325.2	325.2	0.3	58.9	0.0	99
00	00	10631.3	225.0	-58.1	-64.1	252.2	14.3	13.7	-0.7	325.2	325.2	0.3	58.9	0.0	99
00	00	11303.7	200.0	-64.1	-69.9	247.8	16.0	14.8	-0.7	325.2	325.2	0.3	58.9	0.0	99
00	00	12034.8	175.0	-68.7	-74.8	250.0	18.5	16.8	-0.7	325.2	325.2	0.3	58.9	0.0	99
00	00	12843.2	150.0	-64.4	-69.9	276.8	18.9	16.8	-0.7	325.2	325.2	0.3	58.9	0.0	99
00	00	13779.8	125.0	-64.2	-69.9	276.8	14.8	14.7	-0.7	325.2	325.2	0.3	58.9	0.0	99
00	00	14698.8	100.0	-60.8	-64.2	288.1	15.7	14.9	-0.7	325.2	325.2	0.3	58.9	0.0	99
00	00	16268.3	75.0	-60.6	-60.6	303.2	10.7	8.9	-0.7	325.2	325.2	0.3	58.9	0.0	99
00	00	18043.8	50.0	-58.7	-58.7	323.3	6.4	-3.4	-0.7	325.2	325.2	0.3	58.9	0.0	99
00	00	20572.0	25.0	-53.2	-53.2	999.9	9.9	9.9	-0.7	632.2	632.2	9.9	99.9	0.0	98
00	00	24933.7	25.0	-53.2	-53.2	999.9	9.9	9.9	-0.7	632.2	632.2	9.9	99.9	0.0	98

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

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTG CM/KG	RH PCT	RANGE KM	AZ D3	D3
0 0	6 0	172 0	1002 6	15 6	14 6	60 0	2 6	-2 3	-1 3	288 5	315 4	10 5	94 0	0 0	0 0	0
0 1	6 3	184 1	1000 0	15 4	14 0	99 9	99 9	99 9	99 9	288 5	315 1	10 4	94 1	99 9	0 0	99
0 6	6 8	409 1	975 0	14 9	14 0	99 9	99 9	99 9	99 9	288 5	315 1	10 4	94 1	99 9	0 0	99
1 0	11 3	829 5	950 0	13 9	12 8	99 9	99 9	99 9	99 9	288 5	315 1	10 4	94 1	99 9	0 0	99
2 5	13 9	854 2	925 0	12 3	11 2	73 8	4 2	-4 1	-1 2	291 3	316 9	9 9	93 2	99 9	0 0	99
3 2	16 4	1084 0	900 0	11 0	9 8	86 3	4 1	-4 1	-0 2	291 8	315 7	9 1	93 2	99 9	0 0	99
4 0	19 0	1318 7	875 0	9 2	5 2	86 7	3 2	-3 2	0 4	292 8	315 2	8 5	93 6	99 9	0 0	99
4 9	21 7	1558 7	850 0	7 4	4 6	89 1	2 6	-2 6	0 0	293 9	310 5	6 4	92 5	99 9	0 0	99
5 7	24 3	1804 2	825 0	5 7	4 8	21 3	3 0	-1 1	-2 8	294 6	310 9	6 3	92 5	99 9	0 0	99
6 6	26 9	2056 8	800 0	4 8	4 2	340 1	6 0	2 1	-5 7	297 6	317 0	6 7	90 2	99 9	0 0	99
7 4	29 6	2317 0	775 0	4 8	4 2	331 3	7 3	3 5	-6 4	299 0	318 1	6 4	90 2	99 9	0 0	99
8 4	32 2	2584 3	750 0	3 6	3 0	315 4	7 8	5 5	-5 6	300 5	318 1	6 4	90 2	99 9	0 0	99
9 3	35 0	2858 2	725 0	1 6	1 1	305 4	8 8	7 2	-5 1	301 5	317 5	5 7	90 2	99 9	0 0	99
10 3	37 7	3133 2	700 0	-0 0	-0 7	299 5	10 4	9 7	-5 1	302 4	317 1	5 2	90 2	99 9	0 0	99
11 3	40 4	3433 2	675 0	-2 9	-3 9	302 5	11 5	8 3	-6 0	305 7	318 5	4 9	92 5	99 9	0 0	99
12 3	43 2	3733 6	650 0	-4 3	-5 4	309 3	10 3	6 7	-5 5	307 5	318 5	4 1	92 5	99 9	0 0	99
13 3	46 0	4044 1	625 0	-6 1	-7 5	306 6	8 7	6 4	-4 6	308 1	319 9	3 6	90 0	99 9	0 0	99
14 5	48 9	4365 3	600 0	-7 7	-9 3	309 6	7 5	5 8	-4 8	309 9	320 8	3 3	88 2	99 9	0 0	99
15 8	51 6	4698 0	575 0	-9 6	-11 5	310 5	5 9	5 8	-5 0	312 7	321 6	3 3	86 2	99 9	0 0	99
16 8	54 8	5042 9	550 0	-12 1	-13 6	298 5	7 4	7 4	-4 0	313 9	321 6	2 5	86 2	99 9	0 0	99
18 0	57 8	5772 9	525 0	-14 4	-16 6	289 9	8 4	8 5	-3 1	315 5	322 5	2 5	86 2	99 9	0 0	99
19 4	60 9	6160 3	500 0	-16 7	-20 1	278 7	9 7	8 6	-3 1	317 3	322 5	2 1	83 4	99 9	0 0	99
20 8	64 0	6584 4	475 0	-19 8	-23 1	271 1	7 0	7 0	-0 1	318 4	323 7	1 6	74 9	99 9	0 0	99
22 3	67 1	6988 7	450 0	-22 4	-26 4	259 4	5 7	5 6	1 1	320 2	323 7	1 0	69 9	99 9	0 0	99
23 9	70 4	7439 4	425 0	-25 4	-29 8	265 3	7 7	7 7	1 8	323 7	324 7	0 8	65 3	99 9	0 0	99
25 5	73 9	7895 1	400 0	-28 7	-33 0	265 3	10 0	10 0	0 3	326 9	325 6	0 6	62 8	99 9	0 0	99
26 8	80 6	8385 6	375 0	-32 5	-37 1	271 9	9 4	9 4	-0 3	329 9	327 5	0 4	63 0	99 9	0 0	99
28 6	84 3	8933 8	350 0	-36 5	-41 5	265 7	10 7	10 7	0 8	326 4	327 5	0 3	63 0	99 9	0 0	99
30 9	88 1	9432 6	325 0	-41 4	-46 9	263 7	11 0	11 0	1 2	327 0	328 9	0 3	63 0	99 9	0 0	99
32 7	92 9	10037 2	300 0	-46 1	-51 9	263 7	11 0	11 0	0 2	327 0	328 9	0 3	63 0	99 9	0 0	99
34 7	96 2	10664 0	275 0	-51 1	-56 9	268 3	12 0	12 0	0 3	328 4	329 9	0 3	63 0	99 9	0 0	99
37 0	100 6	11341 4	250 0	-56 3	-61 9	248 9	11 8	11 8	0 3	330 1	329 9	0 3	63 0	99 9	0 0	99
39 6	105 2	12078 3	225 0	-62 8	-67 9	242 8	10 5	10 5	4 0	332 2	329 9	0 3	63 0	99 9	0 0	99
42 1	110 0	12893 0	200 0	-67 0	-73 9	253 5	14 3	12 7	6 5	333 3	329 9	0 3	63 0	99 9	0 0	99
44 7	115 2	13837 4	175 0	-63 6	-69 9	269 6	15 5	14 9	4 4	330 3	329 9	0 3	63 0	99 9	0 0	99
48 0	121 0	14957 2	150 0	-63 1	-69 9	263 1	16 3	15 8	0 1	330 5	329 9	0 3	63 0	99 9	0 0	99
51 8	127 3	16332 6	125 0	-61 7	-67 9	295 6	15 0	13 5	-3 7	408 5	329 9	0 3	63 0	99 9	0 0	99
56 2	135 0	18115 2	100 0	-59 4	-65 9	303 9	9 0	7 6	-4 8	484 4	329 9	0 3	63 0	99 9	0 0	99
61 8	143 7	20860 9	50 0	-58 6	-64 9	303 9	4 8	0 5	-4 8	505 5	329 9	0 3	63 0	99 9	0 0	99
69 3	154 0	25092 0	25 0	-52 6	-60 9	99 9	99 9	99 9	99 9	633 4	329 9	0 3	63 0	99 9	0 0	99

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE IS LESS THAN 0 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 CM/KG	RH PCT	RANGE KM	AZ DG
00	00	172.0	1003.0	18.9	14.6	90.0	2.1	-2.1	0.0	281.8	319.0	10.5	76.0	0.0	0
01	01	197.8	1000.0	18.0	14.2	75.3	3.3	-3.2	-0.8	281.2	317.7	10.3	75.4	0.0	270
02	02	197.8	975.0	18.1	14.0	75.3	3.6	-3.5	-0.9	281.4	318.3	10.4	87.7	0.2	262
03	03	635.0	950.0	14.1	13.0	79.4	3.2	-2.2	-0.6	281.5	317.5	10.0	93.1	0.4	259
04	04	860.1	925.0	12.4	11.6	88.8	2.5	-2.5	-0.1	282.0	316.3	9.3	94.8	0.5	260
05	05	1090.0	900.0	11.1	10.9	122.6	1.9	-1.6	0.0	283.0	314.3	8.1	87.0	0.8	269
06	06	1325.1	875.0	10.1	4.2	161.4	1.6	-0.5	1.5	284.3	310.3	5.9	66.5	0.6	269
07	07	1565.7	850.0	8.3	4.4	114.5	2.2	-2.0	0.9	284.9	311.6	6.2	76.3	0.7	275
08	08	1812.0	825.0	6.8	5.4	49.3	3.5	-1.7	-3.4	285.8	314.3	6.9	91.0	0.8	274
09	09	2065.1	800.0	5.6	3.8	11.3	4.0	0.9	-3.9	287.1	315.2	6.5	96.7	0.9	264
10	10	2324.6	775.0	4.3	3.6	347.5	4.8	0.9	-3.9	288.4	315.2	6.5	96.7	0.9	252
11	11	2581.3	750.0	3.1	3.8	344.0	4.8	1.3	-4.6	300.0	315.3	5.5	85.9	0.9	237
12	12	2838.0	725.0	2.4	0.2	330.3	5.4	2.7	-4.7	302.0	316.8	5.2	83.3	1.0	220
13	13	3094.7	700.0	0.7	-1.0	317.2	5.7	3.8	-4.7	302.3	317.8	5.1	88.7	1.1	205
14	14	3351.4	675.0	0.6	-1.0	317.2	7.0	5.5	-4.1	303.3	319.3	4.5	75.2	1.3	195
15	15	3608.1	650.0	-0.1	-3.3	308.2	7.1	5.7	-4.3	305.3	318.8	4.0	75.9	1.6	173
16	16	3864.8	625.0	-3.4	-6.7	301.9	5.4	4.6	-2.8	307.1	319.4	3.7	77.9	1.9	164
17	17	4121.5	600.0	-5.3	-9.1	282.8	3.4	3.4	-2.8	308.5	319.6	3.2	74.8	2.2	153
18	18	4378.2	575.0	-7.8	-10.9	279.0	3.8	3.5	-2.2	310.8	319.6	2.9	78.2	2.5	147
19	19	4634.9	550.0	-9.9	-11.3	291.6	5.9	5.5	-2.2	312.4	321.3	2.3	89.0	2.9	142
20	20	4891.6	525.0	-12.4	-14.7	295.6	7.3	6.4	-2.9	313.6	320.7	2.0	80.9	3.4	138
21	21	5148.3	500.0	-14.6	-17.2	294.5	7.0	6.4	-2.9	315.2	321.5	2.0	80.9	3.4	134
22	22	5405.0	475.0	-17.6	-19.6	285.0	6.8	6.8	-1.8	316.2	321.5	1.7	78.8	4.4	129
23	23	5661.7	450.0	-20.2	-22.9	272.6	6.2	6.1	-1.3	317.0	322.2	1.3	78.8	4.4	129
24	24	5918.4	425.0	-22.5	-26.6	282.2	6.2	6.1	-1.3	317.0	322.2	1.3	78.8	4.4	129
25	25	6175.1	400.0	-25.1	-30.1	276.2	6.1	6.0	-1.3	317.0	322.2	1.3	78.8	4.4	129
26	26	6431.8	375.0	-28.8	-34.0	271.6	6.0	6.0	-1.3	317.0	322.2	1.3	78.8	4.4	129
27	27	6688.5	350.0	-33.1	-37.7	276.3	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
28	28	6945.2	325.0	-37.0	-42.4	271.0	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
29	29	7201.9	300.0	-41.8	-46.9	270.8	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
30	30	7458.6	275.0	-46.9	-51.6	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
31	31	7715.3	250.0	-51.6	-56.3	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
32	32	7972.0	225.0	-56.3	-61.0	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
33	33	8228.7	200.0	-61.0	-65.7	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
34	34	8485.4	175.0	-65.7	-70.4	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
35	35	8742.1	150.0	-70.4	-75.1	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
36	36	9000.0	125.0	-75.1	-79.8	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
37	37	9256.7	100.0	-79.8	-84.5	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
38	38	9513.4	75.0	-84.5	-89.2	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
39	39	9770.1	50.0	-89.2	-93.9	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
40	40	10026.8	25.0	-93.9	-98.6	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
41	41	10283.5	0.0	-98.6	-103.3	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
42	42	10540.2	0.0	-103.3	-108.0	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
43	43	10796.9	0.0	-108.0	-112.7	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
44	44	11053.6	0.0	-112.7	-117.4	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
45	45	11310.3	0.0	-117.4	-122.1	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
46	46	11567.0	0.0	-122.1	-126.8	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
47	47	11823.7	0.0	-126.8	-131.5	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
48	48	12080.4	0.0	-131.5	-136.2	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
49	49	12337.1	0.0	-136.2	-140.9	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
50	50	12593.8	0.0	-140.9	-145.6	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
51	51	12850.5	0.0	-145.6	-150.3	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
52	52	13107.2	0.0	-150.3	-155.0	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
53	53	13363.9	0.0	-155.0	-159.7	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
54	54	13620.6	0.0	-159.7	-164.4	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
55	55	13877.3	0.0	-164.4	-169.1	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
56	56	14134.0	0.0	-169.1	-173.8	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
57	57	14390.7	0.0	-173.8	-178.5	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
58	58	14647.4	0.0	-178.5	-183.2	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
59	59	14904.1	0.0	-183.2	-187.9	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
60	60	15160.8	0.0	-187.9	-192.6	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
61	61	15417.5	0.0	-192.6	-197.3	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
62	62	15674.2	0.0	-197.3	-202.0	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
63	63	15930.9	0.0	-202.0	-206.7	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
64	64	16187.6	0.0	-206.7	-211.4	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
65	65	16444.3	0.0	-211.4	-216.1	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
66	66	16701.0	0.0	-216.1	-220.8	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
67	67	16957.7	0.0	-220.8	-225.5	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
68	68	17214.4	0.0	-225.5	-230.2	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
69	69	17471.1	0.0	-230.2	-234.9	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
70	70	17727.8	0.0	-234.9	-239.6	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
71	71	17984.5	0.0	-239.6	-244.3	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
72	72	18241.2	0.0	-244.3	-249.0	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
73	73	18497.9	0.0	-249.0	-253.7	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
74	74	18754.6	0.0	-253.7	-258.4	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
75	75	19011.3	0.0	-258.4	-263.1	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
76	76	19268.0	0.0	-263.1	-267.8	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
77	77	19524.7	0.0	-267.8	-272.5	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129
78	78	19781.4	0.0	-272.5	-277.2	277.4	6.2	6.2	-1.3	317.0	322.2	1.3	78.8	4.4	129

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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 340  
LITTLE ROCK, ARKANSAS  
1 MAY 2000 GMT 1982

TIME MIN	CNCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT DG K	MX RTO GM/MG	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
0 1	6 7	181 0	1000 0	18 8	15 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 8	0 0	23
1 4	11 7	630 1	950 0	15 0	14 0	250 4	0 3	-0 0	-0 1	292 4	320 2	10 7	94 0	0 0	19
2 2	14 3	1086 0	925 0	12 8	11 3	338 9	0 6	0 2	-0 6	292 5	317 8	9 7	95 7	0 0	32
3 3	18 9	1322 0	900 0	12 0	9 8	15 5	1 0	-0 3	-0 0	293 9	318 6	8 8	95 5	0 0	43
3 7	19 4	1563 4	875 0	10 5	8 6	48 6	1 5	-1 1	-1 0	294 6	318 0	8 8	95 3	0 0	51
4 2	22 0	1811 1	850 0	9 3	6 9	100 8	1 0	-0 9	-0 5	295 9	318 0	8 3	95 1	0 0	255
4 6	24 6	2064 7	825 0	7 7	5 5	187 9	0 4	-0 4	0 1	296 8	317 3	7 6	94 8	0 0	268
5 0	27 2	2325 0	775 0	6 3	4 1	284 9	0 2	-0 1	0 2	297 9	317 2	6 6	94 5	0 0	275
5 5	29 9	2592 6	750 0	4 9	2 7	312 0	0 6	0 8	-0 9	300 5	317 8	6 2	93 9	0 0	173
6 3	35 3	2667 6	725 0	2 1	0 4	322 5	4 0	3 0	-2 7	301 8	318 0	5 8	93 4	0 0	121
6 8	38 1	3150 7	700 0	0 7	-0 4	322 5	5 7	3 5	-2 4	303 3	318 3	5 3	92 0	0 0	131
6 5	40 9	3442 2	675 0	-0 5	-1 9	322 5	6 4	4 2	-4 9	305 1	318 5	4 9	90 4	1 0	138
9 3	43 7	4054 3	650 0	-2 4	-4 5	322 1	5 0	3 0	-2 5	306 7	316 4	3 3	85 6	1 5	140
11 1	46 6	4374 8	600 0	-8 4	-8 3	323 6	3 2	1 9	-2 6	308 7	317 6	3 0	77 8	2 0	140
12 2	49 5	4707 0	575 0	-8 1	-10 9	314 2	3 5	2 1	-2 8	310 5	319 2	2 9	75 8	2 3	140
13 4	52 4	5051 5	550 0	-9 9	-13 4	304 6	5 7	4 2	-3 9	312 4	320 0	2 5	71 5	2 8	138
14 6	55 4	5409 0	525 0	-12 4	-16 4	298 7	7 9	6 8	-4 0	313 6	319 9	2 0	71 5	3 3	135
15 9	58 4	5780 6	500 0	-14 6	-18 6	298 7	7 7	7 4	-3 7	315 3	320 9	1 8	70 9	4 0	133
17 2	61 5	6167 5	475 0	-17 1	-21 5	298 3	8 2	7 3	-2 8	316 8	321 4	1 4	68 7	4 6	130
19 9	67 9	6571 1	450 0	-19 9	-24 6	299 0	8 5	8 0	-2 8	320 0	322 1	0 9	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	321 8	323 1	0 8	64 8	5 9	125
22 6	74 0	7435 4	400 0	-25 5	-30 4	295 0	9 2	8 4	-3 9	324 4	324 4	0 6	60 4	6 7	124
24 6	78 0	7900 0	375 0	-28 1	-34 3	293 7	8 3	7 7	-3 1	323 1	325 0	0 5	60 4	7 6	123
26 3	81 8	8388 5	350 0	-33 0	-39 1	298 7	7 0	6 9	-2 1	324 3	325 6	0 4	54 2	8 4	121
28 1	85 3	8906 2	325 0	-37 3	-44 0	293 4	6 4	6 4	0 1	325 3	326 2	0 2	48 0	9 1	119
29 9	89 2	9453 9	300 0	-41 7	-48 0	290 8	6 8	6 8	-0 1	326 6	326 2	0 2	48 0	9 9	116
31 9	93 3	10037 3	275 0	-46 1	-52 7	284 0	9 5	9 5	-0 1	327 3	326 2	0 2	48 0	10 9	113
33 9	97 5	10661 7	250 0	-52 7	-59 9	272 3	10 4	10 4	-0 4	328 6	326 2	0 2	48 0	12 0	111
36 2	102 0	11335 1	225 0	-57 7	-63 2	265 8	8 8	8 8	-0 0	330 0	326 2	0 2	48 0	13 3	109
38 6	106 7	12088 1	200 0	-63 2	-69 9	255 8	9 8	9 8	-0 7	332 7	326 2	0 2	48 0	14 4	107
41 2	111 8	12886 9	175 0	-64 1	-73 5	231 5	12 3	12 0	-2 9	344 1	326 2	0 2	48 0	16 1	106
44 3	117 3	13838 7	150 0	-60 8	-69 9	281 8	13 9	13 6	-2 9	365 3	326 2	0 2	48 0	18 5	105
47 8	123 2	14972 9	125 0	-61 4	-69 9	285 9	15 6	15 3	-2 8	383 8	326 2	0 2	48 0	21 6	105
52 2	130 2	16360 1	100 0	-62 0	-69 9	285 9	13 2	12 7	-3 6	408 0	326 2	0 2	48 0	25 5	104
57 6	138 0	18142 4	75 0	-60 7	-69 9	288 6	4 0	3 6	-4 4	447 2	326 2	0 2	48 0	29 4	108
65 1	147 5	20692 8	50 0	-58 7	-69 9	322 2	4 0	3 5	-3 2	505 3	326 2	0 2	48 0	33 1	107
76 4	156 0	25119 8	25 0	-52 3	-69 9	126 5	6 3	-5 1	-3 3	634 5	326 2	0 2	48 0	33 1	111

\* 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 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

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V 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 5	1 3	291 4	323 2	12 4	93 0	0 0	0
0 1	6 6	182 0	1000.0	18 3	17 1	235 0	2 2	1 5	1 3	291 4	323 2	12 4	93 0	0 0	0
0 2	9 0	388 8	975 0	16 5	12 5	201 9	1 5	0 3	1 4	291 8	316 3	9 4	77 2	0 1	34
1 6	11 5	825 0	950 0	15 4	11 5	244 4	0 3	0 3	0 1	292 8	315 8	8 8	75 1	0 1	39
2 4	14 0	845 8	925 0	13 7	9 8	338 1	1 2	0 4	-1 1	293 4	315 8	8 3	77 0	0 1	36
3 1	16 5	1076 5	500 0	11 6	9 5	341 0	1 9	0 6	-1 8	293 7	315 8	8 4	85 0	0 1	77
3 9	19 1	1311 9	875 0	10 3	8 5	316 5	2 5	1 7	-1 8	294 5	315 5	7 7	92 5	0 2	101
4 8	21 7	1553 1	850 0	8 7	7 5	315 1	2 8	-0 1	-2 8	294 5	315 6	7 3	92 5	0 3	125
5 7	24 2	1800 1	825 0	7 3	6 4	315 5	3 4	-0 1	-2 8	295 2	316 2	7 1	93 9	0 4	150
6 4	26 3	2053 4	800 0	6 1	5 3	315 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	346 9	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	331 1	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	2 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 8	2 4	-2 5	303 1	318 0	5 3	92 9	1 0	167
11 3	40 0	3430 6	675 0	-1 2	-0 5	309 5	3 9	3 0	-2 5	304 3	315 2	3 8	92 8	1 1	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	3 9	92 3	1 4	155
13 5	45 6	4040 8	625 0	-4 9	-9 8	326 1	2 1	1 2	-1 8	306 9	315 6	3 0	89 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	-2 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	88 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 1	2 2	79 6	3 1	139
19 5	60 3	5784 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 8	45 7	5 9	133
25 1	73 0	7417 8	400 0	-25 8	-30 4	296 5	9 7	8 7	-4 7	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 4	-4 7	322 6	325 6	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 9	325 5	326 2	0 2	41 3	9 7	122
32 4	87 7	9435 9	300 0	-41 8	-49 9	274 4	11 1	11 0	-0 9	326 5	326 2	0 2	41 3	10 8	120
34 4	91 6	10019 4	275 0	-46 7	-55 8	270 9	11 1	11 1	-0 7	327 6	326 0	0 2	41 3	12 0	117
36 4	95 0	10644 1	250 0	-51 8	-61 9	273 4	11 6	11 6	-0 2	329 0	326 0	0 2	41 3	13 2	114
38 7	100 6	11319 0	225 0	-57 3	-67 9	281 7	13 8	13 6	-2 8	330 8	326 0	0 2	41 3	14 9	112
41 1	105 4	12054 7	200 0	-62 9	-73 9	280 9	14 2	14 0	-2 7	332 2	326 0	0 2	41 3	16 9	111
44 0	110 6	12874 3	175 0	-67 9	-79 9	287 2	15 5	12 9	-4 0	333 7	326 0	0 2	41 3	19 3	110
47 1	116 4	13831 7	150 0	-62 6	-85 9	287 7	16 0	15 2	-4 8	336 1	326 0	0 2	41 3	22 1	110
50 8	122 7	14986 6	125 0	-61 1	-91 9	283 9	18 4	17 9	-4 4	384 3	326 0	0 2	41 3	25 8	109
55 4	130 0	16351 4	100 0	-62 1	-99 9	291 5	15 4	14 3	-5 8	407 7	326 0	0 2	41 3	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	326 0	0 2	41 3	34 6	110
68 1	147 7	20685 4	50 0	-57 6	-99 9	354 9	6 2	0 6	-6 1	507 9	326 0	0 2	41 3	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	326 0	0 2	41 3	36 4	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 340  
LITTLE ROCK, ARKANSAS  
2 MAY 200 GMT 1982

TIME MIN	CNTCT	HEIGHT GPM	PRES MC	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RI* PCT	RANGE MM	AZ DG
00	0	172	1001	16.7	15.4	340	0	0	0	289	318	11	92	0	0
00	0	162	1000	17.0	15.5	340	0	0	0	290	318	11	91	0	0
00	0	395	975	17.5	14.5	347	2	0	3	292	320	10	92	0	0
01	1	821	950	15.2	11.3	377	2	1	7	292	316	10	77	0	0
03	13	846	925	13.5	9.9	377	3	-2	1	293	315	8	76	0	0
04	16	1077	900	12.3	9.6	347	4	-1	6	294	316	8	63	0	0
05	18	1313	875	10.9	7.4	347	4	-1	3	295	311	6	66	0	0
05	21	1555	850	9.0	4.9	63	7	-3	7	295	315	9	68	0	0
06	24	1802	825	7.5	2.7	52	9	-2	5	296	316	7	93	0	0
07	26	2056	800	7.0	6.5	71	8	-2	8	298	314	9	74	0	0
08	29	2316	775	4.8	2.0	63	7	-0	7	299	314	8	82	0	0
09	31	2583	750	3.3	0.5	19	4	1	1	300	316	5	89	0	0
10	34	2858	725	1.6	-0.5	34	0	2	3	301	316	6	92	0	0
11	37	3140	700	-0.1	-2.9	38	1	3	0	302	317	5	95	0	0
12	39	3431	675	-1.2	-4.2	28	6	3	4	304	315	4	88	0	0
13	42	3732	650	-2.7	-6.2	30	1	3	5	304	315	5	59	0	0
14	45	4043	625	-4.4	-8.2	36	2	2	6	306	315	3	47	0	0
15	48	4354	600	-6.0	-10.1	32	0	0	4	308	316	3	43	0	0
16	50	4665	575	-7.6	-11.7	32	6	2	6	309	316	3	63	0	0
17	53	4976	550	-9.0	-13.2	32	6	1	7	311	317	3	80	0	0
18	56	5287	525	-11.1	-15.6	32	7	1	2	312	319	2	88	0	0
19	59	5598	500	-13.4	-18.3	32	5	2	6	312	319	2	82	0	0
20	01	5909	475	-15.3	-20.3	32	5	4	3	314	318	1	54	0	0
21	03	6220	450	-17.5	-22.9	32	5	5	8	316	318	0	30	0	0
22	05	6531	425	-20.1	-25.4	31	6	5	8	318	319	0	34	0	0
23	07	6842	400	-23.5	-28.3	31	6	7	5	320	320	0	32	0	0
24	09	7153	375	-26.3	-31.3	30	3	9	9	320	322	0	34	0	0
25	11	7464	350	-29.1	-34.6	29	3	11	6	322	323	0	38	0	0
26	13	7775	325	-32.0	-38.8	28	4	14	1	322	323	0	55	0	0
27	15	8086	300	-34.8	-42.9	28	0	15	7	324	324	0	62	0	0
28	17	8397	275	-43.1	-49.9	27	9	15	4	324	324	0	89	0	0
29	19	8708	250	-45.7	-53.9	27	9	15	3	324	324	0	99	0	0
30	21	9019	225	-53.4	-59.9	27	6	15	3	326	326	0	99	0	0
31	23	9330	200	-58.7	-66.6	27	3	16	3	326	326	0	99	0	0
32	25	9641	175	-64.1	-73.8	26	4	15	0	323	323	0	99	0	0
33	27	9952	150	-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
34	29	10263	125	-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
35	31	10574	100	-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
36	33	10885	75	-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
37	35	11196	50	-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
38	37	11507	25	-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
39	39	11818	0	-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
40	41	12129		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
41	43	12440		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
42	45	12751		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
43	47	13062		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
44	49	13373		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
45	51	13684		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
46	53	14095		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
47	55	14406		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
48	57	14717		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
49	59	15028		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
50	01	15339		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
51	03	15650		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
52	05	15961		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
53	07	16272		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
54	09	16583		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
55	11	16894		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
56	13	17205		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
57	15	17516		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
58	17	17827		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
59	19	18138		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
60	21	18449		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
61	23	18760		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
62	25	19071		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
63	27	19382		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
64	29	19693		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
65	31	20004		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
66	33	20315		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
67	35	20626		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
68	37	20937		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
69	39	21248		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
70	41	21559		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
71	43	21870		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
72	45	22181		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
73	47	22492		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
74	49	22803		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
75	51	23114		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
76	53	23425		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
77	55	23736		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
78	57	24047		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
79	59	24358		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0
80	01	24669		-61.6	-69.9	26	6	15	5	324	324	0	99	0	0

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

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 340  
LITTLE ROCK, ARKANSAS  
2 MAY 1982  
2000 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 RTG GM/KG	RH PCT	RANGE KM	AZ DG
00	01	172.0	1001.2	15.6	14.8	310.0	2.8	2.0	-1.7	288.7	315.9	10.7	95.0	0.0	0
01	01	182.2	1000.0	16.2	15.0	143.2	3.4	-2.0	-2.7	289.2	317.0	10.8	92.8	0.0	180
02	01	399.1	975.0	17.3	12.4	17.9	3.4	-1.3	-4.2	292.6	317.1	10.8	73.0	0.0	167
03	01	620.8	950.0	16.1	9.6	42.1	4.9	-3.3	-3.6	293.6	314.7	8.0	65.3	0.0	188
04	01	847.1	925.0	14.2	9.9	64.7	4.5	-4.1	-3.9	293.8	315.9	8.0	75.5	0.0	204
05	01	1078.1	900.0	12.3	8.3	72.0	4.5	-4.3	-1.4	294.2	314.6	7.7	76.3	0.0	217
06	01	1314.0	875.0	10.7	4.6	76.7	3.7	-3.8	-0.9	294.9	311.5	6.1	85.8	0.0	225
07	01	1555.4	850.0	9.4	3.0	79.5	2.8	-2.8	-0.5	296.0	311.3	5.6	84.3	1.0	230
08	01	1802.5	825.0	8.2	0.7	86.8	2.0	-2.0	-0.1	297.2	311.3	5.1	61.5	1.0	233
09	01	2056.5	800.0	7.5	1.8	77.9	1.7	-1.2	-0.3	299.1	313.2	5.1	62.3	1.0	235
10	01	2317.3	775.0	5.3	1.8	41.6	1.7	-1.1	-0.3	299.5	315.1	5.6	78.2	1.0	236
11	01	2584.9	750.0	3.5	0.7	11.3	2.5	-0.5	-2.7	300.4	317.3	6.1	92.4	1.0	232
12	01	2859.8	725.0	1.8	0.7	4.1	2.5	-0.2	-2.5	301.5	317.0	5.6	92.0	1.0	228
13	01	3142.2	700.0	-0.2	-1.2	339.1	2.7	1.0	-2.5	302.3	316.5	5.0	92.2	1.0	224
14	01	3432.7	675.0	-1.6	-4.5	316.5	3.5	3.0	-3.1	307.1	312.5	4.1	80.3	1.0	217
15	01	3733.3	650.0	-3.7	-15.4	315.1	4.4	3.0	-3.9	308.2	314.2	2.0	42.1	1.0	200
16	01	4044.5	625.0	-5.7	-13.0	317.5	5.2	3.5	-3.8	309.5	316.6	2.2	56.5	1.0	191
17	01	4365.8	600.0	-7.9	-14.0	326.2	4.2	2.3	-3.5	310.7	317.6	1.3	61.3	2.0	185
18	01	4698.0	575.0	-10.4	-21.4	331.4	4.0	1.9	-3.5	311.7	317.0	1.5	40.0	2.0	181
19	01	5042.1	550.0	-13.5	-19.5	316.0	5.0	3.5	-3.6	312.2	316.9	1.5	60.4	2.0	177
20	01	5388.3	525.0	-17.9	-33.6	307.7	6.3	5.0	-3.8	315.4	316.9	0.4	17.7	2.0	172
21	01	5789.2	500.0	-20.5	-37.5	299.6	8.1	8.0	-4.0	315.8	317.5	0.3	25.4	3.0	165
22	01	6155.3	475.0	-23.8	-41.8	295.1	9.9	9.9	-5.0	316.5	318.7	0.3	23.8	3.0	157
23	01	6578.4	450.0	-26.9	-45.9	295.5	10.2	8.9	-6.2	318.5	319.6	0.3	20.0	4.0	151
24	01	7018.2	425.0	-30.2	-49.8	295.0	13.8	12.5	-8.0	320.7	320.9	0.2	22.7	5.0	145
25	01	7489.7	400.0	-34.4	-45.9	286.6	16.5	15.3	-8.2	321.7	322.4	0.2	23.5	6.0	139
26	01	8007.6	375.0	-38.4	-49.4	281.3	17.2	18.4	-4.9	323.3	323.0	0.2	30.0	8.0	133
27	01	8681.9	350.0	-43.4	-49.4	281.3	17.2	17.0	-2.9	323.8	323.0	0.1	29.9	9.0	127
28	01	9426.3	325.0	-48.3	-49.9	279.7	17.2	16.9	-2.9	324.2	323.8	0.1	29.9	11.0	123
29	01	10005.9	300.0	-52.9	-49.9	279.4	18.0	17.7	-2.9	325.2	323.2	0.1	29.9	13.0	119
30	01	10826.6	275.0	-57.6	-49.9	282.9	17.6	17.1	-3.9	325.2	323.2	0.1	29.9	16.0	115
31	01	11298.9	250.0	-60.7	-49.9	293.0	17.5	16.1	-6.8	330.3	325.2	0.1	29.9	18.0	115
32	01	12037.8	225.0	-64.0	-49.9	294.6	18.7	17.0	-7.8	336.6	334.3	0.1	29.9	21.0	115
33	01	12801.8	200.0	-67.0	-49.9	296.9	20.0	17.9	-9.1	344.3	336.6	0.1	29.9	24.0	115
34	01	13611.1	175.0	-61.3	-49.9	305.0	19.3	15.8	-11.1	384.2	384.2	0.1	29.9	28.0	117
35	01	14942.3	150.0	-61.2	-49.9	308.9	16.6	14.8	-7.5	407.6	407.6	0.1	29.9	32.0	116
36	01	16321.2	125.0	-62.3	-49.9	297.3	14.5	12.8	-6.6	442.4	442.4	0.1	29.9	37.0	116
37	01	18098.6	100.0	-59.3	-49.9	293.5	8.9	8.1	-3.5	503.8	503.8	0.1	29.9	41.0	117
38	01	20618.6	50.0	-59.3	-49.9	353.2	5.4	0.6	-1.4	626.4	626.4	0.1	29.9	45.0	119
39	01	25028.9	25.0	-55.2	-49.9	135.2	2.2	-1.6	-1.1				29.9	44.0	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

STATION NO 340  
LITTLE ROCK, ARKANSAS

2 MAY 1982

181 22 1

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

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 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	265 8	2 8	2 7	-0.8	287 7	313 0	9 9	94 2	0 0	27
0 0	9 3	353 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	98 6	3 8	-3 8	0 8	293 7	313 3	7 4	76 1	0 4	201
4 2	19 8	1306 4	875.0	10.2	4 1	276 2	2 0	-2 0	-0 2	294 2	310 2	5 9	65 8	0 4	227
5 0	22 6	1547 2	850.0	8.9	1 5	15 4	1 1	-0 4	-2 2	295 5	310 7	5 6	65 9	0 5	221
5 8	26 0	1784 1	825.0	7 5	1 5	15 4	1 1	-0 6	-2 9	296 5	310 6	5 2	65 5	0 6	216
6 7	28 8	2047 6	800.0	7 0	0 8	349 0	3 1	0 6	-3 0	298 6	312 7	5 0	64 6	0 7	210
7 6	30 8	2308 2	775.0	5 2	0 2	318 3	3 9	2 7	-2 9	299 4	313 4	5 0	69 9	0 9	198
8 5	33 6	2575 3	750.0	3 1	-1 1	297 2	3 5	3 1	-1 6	299 9	313 2	4 7	74 3	0 9	185
9 5	36 3	2848 3	725.0	0 9	-0 5	311 5	2 4	2 4	-1 1	300 4	314 7	5 1	90 2	1 0	171
10 4	39 1	3130 8	700.0	0 1	-0 8	330 9	5 6	2 7	-4 9	302 6	313 6	3 9	69 3	1 2	167
11 4	42 0	3422 2	675.0	-1 0	-1 0	329 6	7 3	3 7	-6 3	304 5	313 1	3 8	55 5	1 6	162
12 6	44 9	3722 3	650.0	-3 3	-3 4	323 4	7 9	4 2	-6 3	305 2	314 4	3 1	67 9	2 1	158
13 6	47 8	4031 6	625.0	-5 4	-4 7	328 1	7 9	4 2	-6 7	308 3	312 3	2 0	48 8	2 6	158
14 8	50 6	4351 2	600.0	-8 7	-14 7	321 3	6 1	2 0	-5 8	308 4	311 4	0 9	33 6	3 1	158
15 9	53 6	4682 5	575.0	-12 1	-24 0	341 3	4 8	1 9	-4 4	309 4	313 6	1 4	49 4	3 8	157
17 1	56 8	5024 6	550.0	-15 6	-30 5	311 3	4 6	3 5	-3 4	309 8	314 1	1 4	49 4	4 7	149
18 4	60 0	5378 0	525.0	-18 1	-36 3	298 2	7 1	7 8	-2 3	312 0	314 8	0 5	33 2	5 8	147
19 7	63 1	5749 4	500.0	-18 5	-31 4	309 0	10 1	7 6	-0 3	312 0	315 4	0 5	31 2	6 5	147
21 1	68 4	6334 7	475.0	-22 1	-32 9	316 8	9 3	6 4	-0 8	315 5	317 3	0 5	36 5	7 3	145
22 6	69 7	6952 3	450.0	-25 1	-38 1	315 8	9 7	6 7	-0 9	318 9	318 0	0 3	28 3	8 3	144
24 1	73 1	7391 0	400.0	-28 3	-41 9	321 8	11 0	6 8	-0 7	318 2	319 0	0 2	25 5	9 5	144
25 7	76 6	7852 0	375.0	-30 5	-46 1	331 7	13 0	6 2	-1 1	321 3	321 9	0 2	22 8	11 0	145
27 4	80 1	8337 9	350.0	-34 6	-48 1	331 1	13 5	6 5	-1 8	322 2	322 7	0 1	24 0	12 6	146
28 2	83 9	8851 1	325.0	-39 0	-51 8	333 8	14 4	6 4	-2 9	322 9	323 3	0 1	24 0	14 4	147
31 3	87 7	9374 4	300.0	-43 5	-59 9	329 9	16 3	6 1	-4 1	324 1	329 9	99 9	99 9	14 4	147
33 8	96 0	9873 4	275.0	-48 5	-68 9	327 9	17 0	6 2	-14 1	325 0	325 0	99 9	99 9	18 9	148
38 0	109 3	10593 5	250.0	-53 7	-78 9	321 5	19 0	9 2	-14 9	326 3	326 5	99 9	99 9	21 7	148
40 5	116 0	11282 2	225.0	-58 6	-88 9	307 6	24 6	10 5	-15 1	328 5	328 5	99 9	99 9	25 0	146
43 2	119 0	11998 6	200.0	-63 5	-99 9	307 6	24 6	10 5	-13 1	328 5	328 5	99 9	99 9	29 5	142
48 3	115 2	12821 8	175.0	-68 0	-109 9	307 6	24 6	10 5	-10 4	328 5	328 5	99 9	99 9	33 5	137
50 2	121 2	13777 5	150.0	-72 0	-119 9	302 5	19 4	16 8	-9 3	381 8	389 9	99 9	99 9	43 7	136
54 4	127 7	14906 6	125.0	-82 5	-129 9	298 8	15 8	12 0	-8 5	408 4	408 4	99 9	99 9	49 4	135
58 5	135 0	16283 4	100.0	-91 8	-139 9	306 9	11 7	7 9	-8 7	445 0	445 0	99 9	99 9	52 7	136
66 1	143 7	18066 0	75.0	-97 0	-149 9	317 8	5 3	4 7	-2 6	502 9	502 9	99 9	99 9	59 9	99 9
74 6	153 7	20607 9	50.0	-103 7	-159 9	299 9	9 9	9 9	-0 9	636 6	636 6	99 9	99 9	99 9	99 9
87 7	164 7	25033 2	25.0	-111 5	-169 9	299 9	9 9	9 9	-0 9	636 6	636 6	99 9	99 9	99 9	99 9

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

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 349  
MONETT MISSOURI

1 MAY 1982  
1100 GMT

141 54 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
00	00	438	971	11	10	40	1	-1	-1	287	307	8	90	0	0
00	00	99	1000	99	99	99	99	99	99	99	99	99	99	99	99
00	00	99	975	99	99	99	99	99	99	99	99	99	99	99	99
00	00	99	950	13	8	61	4	-4	-0	280	309	7	70	2	243
01	06	828	925	11	7	61	3	-4	-0	281	309	7	73	0	254
01	14	854	900	10	7	44	7	-1	-1	282	311	7	85	1	244
02	17	1083	875	10	7	24	3	-0	-0	282	311	7	93	8	236
03	19	1317	850	6	4	32	0	0	0	284	311	7	95	2	233
04	22	1556	825	5	4	28	1	1	0	284	312	6	95	0	228
05	24	1800	800	4	3	23	6	3	2	285	316	6	94	9	213
06	27	2052	775	4	3	23	6	4	2	285	317	6	91	9	174
07	30	2310	750	4	3	25	4	3	2	285	317	6	83	4	118
08	32	2578	725	2	0	26	4	4	7	283	317	6	87	2	63
09	35	2853	700	0	0	26	4	3	9	283	317	6	89	1	99
10	38	3128	675	-1	-2	28	1	1	8	284	317	6	94	6	103
10	41	3428	650	-3	-5	28	1	5	0	284	317	6	94	6	103
12	44	3728	625	-5	-7	28	1	5	1	285	318	5	94	6	103
13	46	4038	600	-8	-9	30	1	5	3	285	318	5	94	6	103
14	49	4358	575	-9	-10	31	1	5	4	285	318	5	94	6	103
15	52	4688	550	-10	-11	31	1	5	4	285	318	5	94	6	103
16	55	5028	525	-10	-11	31	1	5	4	285	318	5	94	6	103
18	58	5387	500	-12	-13	30	6	6	7	285	318	5	94	6	103
19	61	5757	475	-15	-16	29	6	6	8	285	318	5	94	6	103
20	64	6143	450	-17	-18	28	6	6	8	285	318	5	94	6	103
22	67	6546	425	-20	-21	28	6	6	7	285	318	5	94	6	103
24	71	6967	400	-23	-24	28	6	6	7	285	318	5	94	6	103
25	73	7408	375	-26	-27	28	6	6	7	285	318	5	94	6	103
27	77	7872	350	-29	-30	28	6	6	7	285	318	5	94	6	103
28	79	8352	325	-32	-33	28	6	6	7	285	318	5	94	6	103
31	86	8878	300	-37	-38	28	6	6	7	285	318	5	94	6	103
33	90	9427	275	-41	-42	28	6	6	7	285	318	5	94	6	103
35	94	10011	250	-47	-48	28	6	6	7	285	318	5	94	6	103
38	98	10635	225	-51	-52	28	6	6	7	285	318	5	94	6	103
40	102	11311	200	-56	-57	28	6	6	7	285	318	5	94	6	103
43	107	12049	175	-62	-63	28	6	6	7	285	318	5	94	6	103
46	113	12885	150	-64	-65	28	6	6	7	285	318	5	94	6	103
48	118	13801	125	-64	-65	28	6	6	7	285	318	5	94	6	103
51	125	14828	100	-61	-62	28	6	6	7	285	318	5	94	6	103
53	132	16312	75	-58	-59	28	6	6	7	285	318	5	94	6	103
55	141	18093	50	-54	-55	28	6	6	7	285	318	5	94	6	103
58	150	99	25	99	99	99	99	99	99	99	99	99	99	99	99
59	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99

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



ORIGINAL FILED  
OF POOR QUALITY

STATION NO 349  
MONETT MISSOURI  
1 MAY 1500 GMT 1982

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG 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 TO GM/KG	RH PCT	RANGE KM	AZ DG
00	10	438	872.6	14.2	10.4	80	1.0	-1.4	-0.8	289.7	311.0	8.2	78.0	0.0	0.0
01	08	99	1000.0	99.9	99.9	99	99	99	99	99	99	99	99	99	99
02	08	99	975.0	99.9	99.9	99	99	99	99	99	99	99	99	99	99
03	12	825	825.0	14.4	7.2	97	7	-1.5	0.6	291.9	309.8	6.8	61.9	0.4	269
04	15	861	825.0	12.6	7.6	87	4	-2.5	-0.2	292.2	311.9	7.1	71.4	0.4	273
05	17	1081	800.0	10.6	7.7	78	4	-1.9	0.5	292.4	311.9	7.3	82.4	0.7	269
06	20	1325	875.0	9.0	7.2	73	9	-1.3	-0.5	293.2	312.5	7.0	86.2	0.8	266
07	22	1565	850.0	7.3	6.2	66	0	-0.1	-0.5	294.6	311.6	6.3	93.1	0.8	264
08	25	1811	825.0	5.8	4.3	59	9	0.5	-0.3	295.3	311.7	6.0	94.6	0.9	262
09	28	2062	800.0	3.8	3.1	297	0	2.5	-2.4	299.0	313.3	5.1	73.5	0.4	205
10	30	2321	775.0	4.8	0.5	294	5	5.4	0.0	303.1	318.4	5.2	90.4	0.4	187
11	33	2588	725.0	3.4	1.1	288	8	3.1	0.4	304.2	316.3	4.3	84.8	0.3	138
12	36	2864	700.0	1.7	1.1	281	8	3.2	-0.7	307.6	316.3	4.0	75.9	0.6	128
13	39	3149	675.0	-0.9	-4.6	322	3	5.6	-2.3	307.6	313.2	3.3	69.1	0.4	125
14	42	3441	650.0	-2.9	-14.2	322	3	6.1	-2.9	309.9	313.2	3.0	64.4	1.6	123
15	45	3742	625.0	-4.9	-19.5	327	3	6.9	-3.1	309.9	313.2	2.7	62.4	2.0	123
16	48	4054	600.0	-7.4	-23.7	327	3	8.0	-4.6	311.3	313.8	2.4	58.2	2.5	123
17	51	4378	575.0	-9.1	-27.5	323	6	5.5	-3.7	311.3	313.8	2.1	57.6	3.2	123
18	54	4708	550.0	-11.1	-31.5	323	6	4.8	-3.0	313.3	316.4	1.6	52.2	3.5	124
19	57	5053	525.0	-12.1	-34.7	327	2	6.2	-3.0	313.6	319.6	1.6	52.2	3.5	124
20	00	5411	500.0	-15.6	-38.5	277	9	6.2	-4.9	314.0	319.6	1.6	74.2	3.9	119
21	03	5782	475.0	-18.3	-42.1	290	5	6.6	-4.6	315.3	319.6	1.4	74.2	4.4	119
22	06	6167	450.0	-20.3	-45.3	304	5	8.1	-5.0	319.1	320.8	0.5	26.1	5.2	119
23	09	6570	425.0	-23.3	-48.6	328	0	10.4	-4.7	319.1	322.4	0.3	25.5	6.0	118
24	12	6991	400.0	-25.8	-51.3	328	0	11.9	-5.0	323.1	323.9	0.2	25.5	6.4	118
25	15	7433	375.0	-28.1	-54.6	324	5	10.9	-4.9	324.9	325.0	0.2	27.7	7.0	118
26	18	7887	350.0	-32.5	-58.3	322	0	13.0	-4.7	324.9	326.0	0.2	27.7	8.4	116
27	21	8387	325.0	-36.7	-62.0	328	7	13.7	-2.7	326.1	326.0	0.1	27.7	11.4	116
28	24	8906	300.0	-41.6	-65.8	322	8	14.5	-2.0	326.1	326.0	0.1	27.7	11.4	116
29	27	9454	275.0	-46.2	-69.5	322	8	17.2	-0.9	328.3	328.3	0.1	27.7	14.6	111
30	30	10078	250.0	-51.0	-73.2	328	3	18.3	-2.0	328.3	328.3	0.1	27.7	14.6	111
31	33	10684	225.0	-56.7	-77.0	276	3	20.0	-2.0	329.0	329.0	0.1	27.7	17.1	108
32	36	11340	200.0	-62.5	-80.8	261	8	20.4	-0.3	331.6	331.6	0.1	27.7	19.8	107
33	39	12077	175.0	-68.3	-84.6	261	8	20.4	2.9	333.1	333.1	0.1	27.7	22.9	103
34	42	12893	150.0	-74.1	-88.4	274	3	20.4	1.5	342.7	333.1	0.1	27.7	26.4	103
35	45	13836	125.0	-80.0	-92.2	299	8	16.2	-5.8	362.4	333.1	0.1	27.7	30.0	102
36	48	14874	100.0	-86.0	-96.0	284	5	13.3	-5.9	385.5	333.1	0.1	27.7	33.8	102
37	51	16054	75.0	-92.0	-99.8	287	7	11.3	-4.9	408.7	333.1	0.1	27.7	36.8	102
38	54	17451	50.0	-98.0	-103.5	305	2	6.9	-4.3	451.5	333.1	0.1	27.7	40.3	105
39	57	19151	25.0	-104.0	-107.2	312	5	4.2	-3.9	510.8	333.1	0.1	27.7	42.9	108
40	00	21170	25.0	-111.0	-111.0	328	8	99	28	638	333.1	0.1	27.7	44.1	109

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 349  
MONETT, MISSOURI  
1 MAY 1962

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	FW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00	0	438.0	872.0	18.2	10.0	00.0	2.0	-2.3	-1.3	293.7	315.9	0.4	52.0	0.0	0.0
00	0	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00	0	99.0	975.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00	0	11.0	950.0	15.0	8.5	71.5	2.5	-2.0	-1.0	292.3	312.0	7.4	05.0	0.2	227.0
00	0	14.0	925.0	12.7	8.7	122.2	1.7	-1.7	-0.4	292.6	311.8	7.9	05.0	0.3	244.0
00	0	18.7	900.0	10.7	8.7	122.2	2.0	-1.7	1.0	292.6	313.4	7.6	87.1	0.4	264.0
00	0	19.2	875.0	8.7	6.7	146.7	2.4	-1.1	1.8	293.4	311.9	7.0	94.3	0.5	274.0
00	0	21.0	850.0	6.9	6.3	166.9	3.1	0.4	3.1	294.0	311.3	6.3	94.4	0.5	288.0
00	0	21.0	825.0	5.1	2.9	189.0	3.4	0.6	3.3	296.2	311.3	5.9	94.4	0.6	310.0
00	0	22.0	800.0	3.0	2.0	215.3	5.2	2.9	4.4	300.1	315.0	5.7	88.9	0.6	323.0
00	0	22.0	775.0	2.2	1.9	245.0	5.0	4.8	5.7	301.9	315.0	5.7	88.9	0.5	348.0
00	0	23.0	750.0	2.2	1.9	274.7	4.5	4.8	7.0	304.2	314.6	4.0	89.7	0.9	31.0
00	0	24.0	725.0	0.6	-4.3	303.4	3.9	3.9	1.7	306.0	316.2	4.0	89.7	1.1	40.0
00	0	25.0	700.0	-0.6	-4.0	332.2	4.3	3.1	0.5	308.8	310.3	1.4	28.7	1.2	51.0
00	0	26.0	675.0	-2.0	-19.1	361.0	5.2	2.7	-2.0	310.2	312.7	0.7	18.0	1.2	65.0
00	0	27.0	650.0	-3.2	-25.4	389.7	5.9	3.7	-5.0	311.6	313.7	0.6	18.0	1.2	84.0
00	0	28.0	625.0	-5.1	-28.5	418.4	6.2	4.3	-4.4	312.7	316.9	1.3	29.1	2.0	107.0
00	0	29.0	600.0	-7.2	-28.5	447.1	6.7	5.9	-4.4	313.5	318.4	1.3	29.1	2.4	110.0
00	0	30.0	575.0	-9.6	-29.5	475.8	6.7	6.5	-1.8	316.2	318.6	1.4	15.9	2.9	107.0
00	0	31.0	550.0	-12.5	-34.2	504.5	6.8	8.2	-2.9	317.3	318.6	1.4	16.2	3.5	109.0
00	0	32.0	525.0	-16.7	-35.3	533.2	7.2	8.7	-2.7	317.6	319.4	1.4	16.2	4.1	109.0
00	0	33.0	500.0	-20.4	-33.3	561.9	7.2	8.7	-3.2	318.5	319.9	1.4	16.2	4.9	110.0
00	0	34.0	475.0	-23.0	-30.5	590.6	9.4	8.8	-3.5	320.4	321.2	1.4	16.2	6.0	109.0
00	0	35.0	450.0	-26.0	-42.2	619.3	11.0	11.4	-3.2	322.1	322.8	1.4	21.4	7.2	109.0
00	0	36.0	425.0	-29.0	-44.8	648.0	12.6	12.0	-3.0	322.9	322.8	1.4	21.4	8.4	110.0
00	0	37.0	400.0	-32.0	-47.7	676.7	14.5	14.4	-2.6	325.1	325.5	1.4	21.4	9.9	108.0
00	0	38.0	375.0	-35.0	-51.3	705.4	16.5	16.0	-2.6	325.6	325.5	1.4	21.4	11.7	108.0
00	0	39.0	350.0	-37.5	-54.8	734.1	18.5	18.0	-2.9	327.3	327.3	1.4	21.4	13.7	108.0
00	0	40.0	325.0	-42.4	-58.3	762.8	20.5	18.0	-2.9	327.3	327.3	1.4	21.4	16.0	108.0
00	0	41.0	300.0	-48.0	-61.8	791.5	22.5	18.0	-2.9	329.0	329.0	1.4	21.4	18.4	108.0
00	0	42.0	275.0	-51.0	-65.3	820.2	24.5	18.0	-3.5	331.7	331.7	1.4	21.4	21.4	108.0
00	0	43.0	250.0	-56.7	-68.8	848.9	26.5	18.0	-3.5	333.6	333.6	1.4	21.4	24.4	108.0
00	0	44.0	225.0	-62.5	-72.3	877.6	28.5	16.4	-5.0	344.7	344.7	1.4	21.4	27.9	100.0
00	0	45.0	200.0	-68.3	-75.8	906.3	30.5	13.8	-4.9	385.9	385.9	1.4	21.4	29.9	101.0
00	0	46.0	175.0	-81.0	-79.3	935.0	32.5	12.7	-5.4	409.8	409.8	1.4	21.4	33.3	101.0
00	0	47.0	150.0	-86.2	-82.8	963.7	34.5	12.9	-5.4	452.5	452.5	1.4	21.4	36.3	103.0
00	0	48.0	125.0	-91.1	-86.3	992.4	36.5	11.0	-3.3	509.8	509.8	1.4	21.4	39.3	105.0
00	0	49.0	100.0	-97.4	-89.8	1021.1	38.5	10.0	-3.3	643.5	643.5	1.4	21.4	42.3	106.0
00	0	50.0	75.0	-107.1	-93.3	1049.8	40.5	9.0	-3.3			1.4	21.4	45.3	106.0
00	0	51.0	50.0	-117.4	-96.8	1078.5	42.5	8.0	-3.3			1.4	21.4	48.3	106.0
00	0	52.0	25.0	-127.7	-100.3	1107.2	44.5	7.0	-3.3			1.4	21.4	51.3	106.0
00	0	53.0	0.0	-138.0	-103.8	1135.9	46.5	6.0	-3.3			1.4	21.4	54.3	106.0
00	0	54.0		-148.3	-107.3	1164.6	48.5	5.0	-3.3			1.4	21.4	57.3	106.0
00	0	55.0		-158.6	-110.8	1193.3	50.5	4.0	-3.3			1.4	21.4	60.3	106.0
00	0	56.0		-168.9	-114.3	1222.0	52.5	3.0	-3.3			1.4	21.4	63.3	106.0
00	0	57.0		-179.2	-117.8	1250.7	54.5	2.0	-3.3			1.4	21.4	66.3	106.0
00	0	58.0		-189.5	-121.3	1279.4	56.5	1.0	-3.3			1.4	21.4	69.3	106.0
00	0	59.0		-199.8	-124.8	1308.1	58.5	0.0	-3.3			1.4	21.4	72.3	106.0
00	0	60.0		-210.1	-128.3	1336.8	60.5	-1.0	-3.3			1.4	21.4	75.3	106.0

\* B SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE ON TIME MAY 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

TIME MIN	CHFT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RP PCT	RANGE KM	AZ DG
00	00	438	971	18.4	11.8	150	2.1	-1.1	1.8	294	317.9	9.1	86	0	0
00	00	999	1000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
00	07	118	975	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
01	14	144	950	18.2	8.3	196.5	0.9	0.3	0.9	293.6	313.5	7.5	61.5	0	0
02	17	170	925	11.6	0.3	123.0	1.5	-1.1	1.0	293.4	313.4	7.5	78.6	0	342
03	20	196	900	0.3	0.0	155.0	2.0	-0.6	1.8	293.4	312.9	7.3	86.5	0	318
04	23	222	875	0.3	0.3	182.0	2.8	0.6	2.7	293.9	312.6	7.1	92.5	0	355
05	26	248	850	5.7	5.1	209.9	3.9	1.1	2.8	294.6	312.8	6.7	95.7	0	4
06	29	274	825	4.8	4.1	237.1	5.1	1.3	3.4	297.8	313.8	6.2	95.5	0	9
07	32	300	800	3.7	3.0	264.3	6.2	1.1	3.3	300.3	314.7	5.5	95.5	0	11
08	35	326	775	2.4	1.7	291.4	7.2	2.5	3.4	301.7	315.7	4.6	94.5	0	30
09	38	352	750	2.0	1.0	318.6	8.2	3.5	3.4	302.7	314.8	4.0	92.8	0	44
10	41	378	725	0.2	-1.1	345.8	9.2	4.0	3.0	302.7	314.2	3.6	90.0	0	54
11	44	404	700	-4.6	-4.1	373.0	10.2	4.6	2.4	300.5	302.5	3.0	86.0	0	72
12	47	430	675	-8.2	-7.6	400.3	11.2	5.2	1.8	303.1	305.2	2.6	80.0	0	77
13	50	456	650	-9.2	-8.7	427.5	12.2	5.9	1.9	309.5	308.7	2.0	76.0	0	84
14	53	482	625	-5.5	-5.0	454.8	13.2	6.6	2.2	311.7	313.9	1.4	71.0	0	93
15	56	508	600	-7.1	-6.6	482.0	14.2	7.3	2.4	312.3	316.7	1.4	65.0	0	101
16	59	534	575	-8.9	-8.4	509.3	15.2	8.0	2.8	311.7	319.1	1.9	60.0	0	105
17	01	560	550	-12.4	-11.9	536.6	16.2	8.8	3.0	313.1	318.1	1.4	55.0	0	106
18	04	586	525	-14.4	-13.9	564.0	17.2	9.5	2.8	315.5	316.1	1.0	50.0	0	107
19	07	612	500	-16.5	-16.0	591.3	18.2	10.2	2.6	317.5	318.2	0.4	45.0	0	107
20	10	638	475	-20.1	-19.6	618.6	19.2	11.0	2.3	318.0	318.2	0.3	40.0	0	110
21	13	664	450	-23.4	-22.9	645.9	20.2	11.7	2.0	318.0	318.0	0.2	35.0	0	113
22	16	690	425	-40.5	-40.0	673.2	21.2	12.4	1.8	320.2	321.0	0.2	30.0	0	113
23	19	716	400	-42.3	-41.8	700.5	22.2	13.1	1.5	320.2	322.0	0.2	25.0	0	113
24	22	742	375	-28.8	-28.3	727.8	23.2	13.8	1.2	322.6	322.6	0.2	20.0	0	113
25	25	768	350	-33.7	-33.2	755.1	24.2	14.5	1.0	323.4	323.4	0.2	15.0	0	113
26	28	794	325	-47.0	-46.5	782.4	25.2	15.2	0.8	324.3	324.3	0.1	10.0	0	113
27	31	820	300	-38.0	-37.5	809.7	26.2	16.0	0.6	326.6	324.8	0.1	5.0	0	112
28	34	846	275	-41.7	-41.2	837.0	27.2	16.7	0.4	328.6	324.8	0.1	0.0	0	110
29	37	872	250	-57.0	-56.5	864.3	28.2	17.5	0.2	328.6	324.8	0.1	0.0	0	107
30	40	898	225	-52.0	-51.5	891.6	29.2	18.2	0.1	328.6	324.8	0.1	0.0	0	104
31	43	924	200	-81.3	-80.8	918.9	30.2	19.0	0.0	331.2	324.8	0.1	0.0	0	103
32	46	950	175	-82.5	-82.0	946.2	31.2	19.7	0.0	335.7	324.8	0.1	0.0	0	103
33	49	976	150	-81.2	-80.7	973.5	32.2	20.4	0.0	346.9	324.8	0.1	0.0	0	103
34	52	1002	125	-81.4	-80.9	1000.8	33.2	21.1	0.0	367.4	324.8	0.1	0.0	0	104
35	55	1028	100	-88.2	-87.7	1028.1	34.2	21.8	0.0	387.8	324.8	0.1	0.0	0	104
36	58	1054	75	-88.2	-87.7	1055.4	35.2	22.5	0.0	411.7	324.8	0.1	0.0	0	105
37	01	1080	50	-88.1	-87.6	1082.7	36.2	23.2	0.0	437.7	324.8	0.1	0.0	0	105
38	04	1106	25	-88.1	-87.6	1110.0	37.2	24.0	0.0	477.7	324.8	0.1	0.0	0	106
39	07	1132	0	-88.1	-87.6	1137.3	38.2	24.7	0.0	513.3	324.8	0.1	0.0	0	107
40	10	1158	0	-85.3	-84.8	1164.6	39.2	25.5	0.0	547.7	324.8	0.1	0.0	0	107
41	13	1184	0	-85.3	-84.8	1191.9	40.2	26.2	0.0	642.0	324.8	0.1	0.0	0	110
42	16	1210	0	-48.8	-48.3	1219.2	41.2	27.0	0.0	642.0	324.8	0.1	0.0	0	110

\* 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

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STATION NO. 349  
MONETT, MISSOURI  
1 MAY 1982  
2300 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	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
0	9	1000.0	970.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
0	9	975.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
0	6	820.5	950.0	18.4	9.2	305.0	2.3	1.9	-1.3	293.8	314.4	7.8	82.6	0.1	125
1	4	846.6	925.0	14.0	8.6	309.9	1.4	1.1	-0.0	293.8	313.9	7.8	69.9	0.2	127
1	0	1077.3	970.0	11.9	8.6	270.5	0.6	0.6	0.8	294.4	314.9	7.4	81.0	0.2	119
2	3	1313.0	875.0	10.2	7.3	204.0	0.9	0.4	0.8	295.1	314.5	7.2	87.3	0.2	105
4	0	1554.0	850.0	8.6	5.4	211.9	0.8	0.4	0.5	295.1	314.5	6.8	87.3	0.2	98
4	9	1690.5	825.0	6.7	5.4	211.9	1.7	0.9	0.9	295.1	314.5	6.8	87.3	0.2	98
5	8	2053.6	900.0	5.8	4.8	207.3	2.8	1.3	1.7	298.0	315.6	6.1	93.6	0.4	61
6	7	2313.1	775.0	3.8	2.9	222.9	2.3	2.9	1.7	299.1	314.6	5.6	92.1	0.8	59
7	6	2579.2	750.0	2.3	1.2	253.3	3.0	2.9	0.9	299.1	314.6	5.6	75.3	0.8	59
8	7	2853.4	725.0	2.3	-2.2	275.0	4.4	4.3	-0.4	301.3	314.1	4.5	25.2	1.2	76
9	7	3135.0	700.0	-1.4	-19.2	288.7	4.0	3.8	-1.3	302.3	304.8	4.3	25.2	1.2	76
10	7	3423.3	675.0	-3.0	-26.3	299.9	4.4	3.8	-2.2	302.3	304.4	4.3	14.5	1.2	84
11	8	3722.8	650.0	-1.3	-24.8	293.9	4.8	4.4	-1.9	309.9	310.1	4.3	14.4	1.8	94
12	9	4035.1	625.0	-2.2	-25.7	299.0	3.7	3.2	-1.8	309.9	312.4	4.3	14.4	1.8	94
13	1	4357.7	600.0	-4.6	-27.7	317.8	4.8	3.3	-3.6	310.8	312.9	4.3	14.4	2.0	98
14	1	4691.2	575.0	-6.9	-18.0	323.2	6.8	4.1	-5.4	311.9	317.0	4.3	14.4	2.0	98
15	3	5038.1	550.0	-10.3	-17.4	311.0	8.1	6.1	-5.3	311.9	317.0	4.3	14.4	2.0	98
16	6	5386.1	525.0	-17.4	-20.6	311.0	8.9	7.5	-4.8	312.1	317.5	4.3	14.4	2.0	98
17	8	5764.1	500.0	-22.8	-25.9	301.7	8.8	7.4	-4.6	316.1	317.5	4.3	14.4	2.0	98
19	2	6151.8	475.0	-13.9	-35.3	297.2	7.7	6.8	-3.5	317.5	318.8	4.3	14.4	2.0	98
20	6	6555.5	450.0	-16.5	-38.3	312.7	6.5	6.8	-4.4	317.8	319.8	4.3	14.4	2.0	98
22	1	6976.1	425.0	-20.2	-41.4	317.8	9.0	6.1	-6.7	318.9	319.8	4.3	14.4	2.0	98
23	6	7416.6	400.0	-23.5	-42.2	308.6	12.1	9.4	-7.5	320.2	321.2	4.3	14.4	2.0	98
25	3	7878.8	375.0	-26.7	-46.5	290.7	12.4	11.6	-4.4	321.2	322.2	4.3	14.4	2.0	98
27	1	8385.2	350.0	-30.5	-52.0	284.2	11.7	11.4	-2.9	322.6	323.2	4.3	14.4	2.0	98
28	7	8879.3	325.0	-34.2	-52.0	284.2	13.0	12.6	-3.3	323.7	324.1	4.3	14.4	2.0	98
30	7	9424.4	300.0	-38.4	-52.0	284.2	15.1	14.7	-3.6	324.7	324.1	4.3	14.4	2.0	98
32	7	10004.7	275.0	-47.9	-52.0	284.2	17.3	17.0	-3.4	325.9	324.1	4.3	14.4	2.0	98
34	6	10627.8	250.0	-52.3	-52.0	284.2	19.1	18.7	-3.0	326.3	324.1	4.3	14.4	2.0	98
37	5	11302.8	225.0	-56.3	-52.0	284.2	18.9	18.5	-3.2	327.9	324.1	4.3	14.4	2.0	98
39	5	12044.3	200.0	-58.9	-52.0	284.2	18.7	18.5	-2.8	327.9	324.1	4.3	14.4	2.0	98
42	0	12871.3	175.0	-62.9	-52.0	284.2	18.2	18.3	-2.6	327.9	324.1	4.3	14.4	2.0	98
44	8	13825.9	150.0	-60.4	-52.0	284.2	16.7	15.5	-6.1	326.1	324.1	4.3	14.4	2.0	98
48	1	14958.1	125.0	-60.6	-52.0	284.2	16.2	14.3	-7.7	326.1	324.1	4.3	14.4	2.0	98
52	0	16344.6	100.0	-60.7	-52.0	284.2	13.6	12.3	-5.7	326.1	324.1	4.3	14.4	2.0	98
56	3	18143.6	75.0	-60.7	-52.0	284.2	9.9	7.9	-6.0	326.1	324.1	4.3	14.4	2.0	98
62	1	20705.7	50.0	-60.9	-52.0	284.2	7.1	1.8	-6.9	326.1	324.1	4.3	14.4	2.0	98
68	7	25140.3	25.0	-50.8	-52.0	284.2	5.7	-2.9	-4.4	326.1	324.1	4.3	14.4	2.0	98

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

STATION NO. 349  
 MONETT, MISSOURI

2 MAY 1982  
 230 GMT

TIME MIN	CHCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	SS CS
00	10	438	970	14	11	350	0	0	-2	290	313	8	83	0	2
01	09	1000	1000	99	99	99	9	9	99	99	999	99	999	9	999
02	09	999	975	99	99	99	9	9	99	99	999	99	999	9	999
03	12	618	950	15	8	23	1	-0	-1	99	999	99	999	9	999
04	14	844	925	14	8	17	0	-0	-0	293	314	7	67	0	199
05	17	1075	900	12	7	12	0	-0	0	294	314	7	76	0	199
06	19	1311	875	9	6	18	1	0	1	294	313	7	83	0	209
07	22	1551	850	8	5	20	0	0	1	294	313	7	89	0	211
08	24	1798	825	6	4	28	0	0	4	295	313	6	93	0	193
09	27	2050	800	5	4	28	0	1	3	297	313	5	93	0	193
10	30	2309	775	3	3	25	1	2	4	297	313	5	95	0	195
11	32	2575	750	2	2	25	0	3	0	303	311	4	95	0	195
12	35	2849	725	0	0	29	3	3	0	305	310	4	95	0	195
13	38	3133	700	2	3	4	2	4	2	307	310	4	95	0	195
14	41	3425	675	0	2	3	3	3	1	309	312	3	95	0	195
15	43	3727	650	-1	0	3	3	2	3	309	312	3	95	0	195
16	46	4039	625	-2	0	3	3	2	3	310	312	3	95	0	195
17	49	4360	600	-3	0	3	3	2	3	310	312	3	95	0	195
18	52	4692	575	-4	0	3	3	2	3	310	312	3	95	0	195
19	55	5035	550	-5	0	3	3	2	3	310	312	3	95	0	195
20	58	5391	525	-6	0	3	3	2	3	310	312	3	95	0	195
21	61	5762	500	-7	0	3	3	2	3	310	312	3	95	0	195
22	64	6148	475	-8	0	3	3	2	3	310	312	3	95	0	195
23	67	6550	450	-9	0	3	3	2	3	310	312	3	95	0	195
24	71	6970	425	-10	0	3	3	2	3	310	312	3	95	0	195
25	75	7408	400	-11	0	3	3	2	3	310	312	3	95	0	195
26	78	7868	375	-12	0	3	3	2	3	310	312	3	95	0	195
27	82	8352	350	-13	0	3	3	2	3	310	312	3	95	0	195
28	86	8864	325	-14	0	3	3	2	3	310	312	3	95	0	195
29	90	9408	300	-15	0	3	3	2	3	310	312	3	95	0	195
30	94	9987	275	-16	0	3	3	2	3	310	312	3	95	0	195
31	98	10611	250	-17	0	3	3	2	3	310	312	3	95	0	195
32	102	11281	225	-18	0	3	3	2	3	310	312	3	95	0	195
33	106	12018	200	-19	0	3	3	2	3	310	312	3	95	0	195
34	110	12840	175	-20	0	3	3	2	3	310	312	3	95	0	195
35	113	13767	150	-21	0	3	3	2	3	310	312	3	95	0	195
36	117	14797	125	-22	0	3	3	2	3	310	312	3	95	0	195
37	121	15927	100	-23	0	3	3	2	3	310	312	3	95	0	195
38	125	17297	75	-24	0	3	3	2	3	310	312	3	95	0	195
39	130	18978	50	-25	0	3	3	2	3	310	312	3	95	0	195
40	135	20612	25	-26	0	3	3	2	3	310	312	3	95	0	195
41	140	22300	0	-27	0	3	3	2	3	310	312	3	95	0	195
42	145	24042		-28	0	3	3	2	3	310	312	3	95	0	195
43	150	25838		-29	0	3	3	2	3	310	312	3	95	0	195
44	155	27688		-30	0	3	3	2	3	310	312	3	95	0	195
45	160	29592		-31	0	3	3	2	3	310	312	3	95	0	195
46	165	31550		-32	0	3	3	2	3	310	312	3	95	0	195
47	170	33572		-33	0	3	3	2	3	310	312	3	95	0	195
48	175	35658		-34	0	3	3	2	3	310	312	3	95	0	195
49	180	37808		-35	0	3	3	2	3	310	312	3	95	0	195
50	185	40022		-36	0	3	3	2	3	310	312	3	95	0	195
51	190	42292		-37	0	3	3	2	3	310	312	3	95	0	195
52	195	44618		-38	0	3	3	2	3	310	312	3	95	0	195
53	200	47000		-39	0	3	3	2	3	310	312	3	95	0	195
54	205	49438		-40	0	3	3	2	3	310	312	3	95	0	195
55	210	51932		-41	0	3	3	2	3	310	312	3	95	0	195
56	215	54482		-42	0	3	3	2	3	310	312	3	95	0	195
57	220	57088		-43	0	3	3	2	3	310	312	3	95	0	195
58	225	59750		-44	0	3	3	2	3	310	312	3	95	0	195
59	230	62468		-45	0	3	3	2	3	310	312	3	95	0	195
60	235	65242		-46	0	3	3	2	3	310	312	3	95	0	195
61	240	68072		-47	0	3	3	2	3	310	312	3	95	0	195
62	245	70958		-48	0	3	3	2	3	310	312	3	95	0	195
63	250	73900		-49	0	3	3	2	3	310	312	3	95	0	195
64	255	76908		-50	0	3	3	2	3	310	312	3	95	0	195
65	260	80082		-51	0	3	3	2	3	310	312	3	95	0	195
66	265	83322		-52	0	3	3	2	3	310	312	3	95	0	195
67	270	86628		-53	0	3	3	2	3	310	312	3	95	0	195
68	275	90000		-54	0	3	3	2	3	310	312	3	95	0	195
69	280	93438		-55	0	3	3	2	3	310	312	3	95	0	195
70	285	96942		-56	0	3	3	2	3	310	312	3	95	0	195
71	290	100512		-57	0	3	3	2	3	310	312	3	95	0	195
72	295	104148		-58	0	3	3	2	3	310	312	3	95	0	195
73	300	107850		-59	0	3	3	2	3	310	312	3	95	0	195
74	305	111618		-60	0	3	3	2	3	310	312	3	95	0	195
75	310	115452		-61	0	3	3	2	3	310	312	3	95	0	195
76	315	119352		-62	0	3	3	2	3	310	312	3	95	0	195
77	320	123318		-63	0	3	3	2	3	310	312	3	95	0	195
78	325	127350		-64	0	3	3	2	3	310	312	3	95	0	195
79	330	131448		-65	0	3	3	2	3	310	312	3	95	0	195
80	335	135602		-66	0	3	3	2	3	310	312	3	95	0	195
81	340	139812		-67	0	3	3	2	3	310	312	3	95	0	195
82	345	144078		-68	0	3	3	2	3	310	312	3	95	0	195
83	350	148400		-69	0	3	3	2	3	310	312	3	95	0	195
84	355	152778		-70	0	3	3	2	3	310	312	3	95	0	195
85	360	157212		-71	0	3	3	2	3	310	312	3	95	0	195
86	365	161702		-72	0	3	3	2	3	310	312	3	95	0	195
87	370	166248		-73	0	3	3	2	3	310	312	3	95	0	195
88	375	170850		-74	0	3	3	2	3	310	312	3	95	0	195
89	380	175508		-75	0	3	3	2	3	310	312	3	95	0	195
90	385	180222		-76	0	3	3	2	3	310	312	3	95	0	195
91	390	184992		-77	0	3	3	2	3	310	312	3	95	0	195
92	395	189818		-78	0	3	3	2	3	310	312	3	95	0	195
93	400	194700		-79	0	3	3	2	3	310	312	3	95	0	195
94	405	199638		-80	0	3	3	2	3	310	312	3	95	0	195
95	410	204632		-81	0	3	3	2	3	310	312	3	95	0	195
96	415	209682		-82	0	3	3	2	3	310	312	3	95	0	195
97	420	214788		-83	0	3	3	2	3	310	312	3	95	0	195
98	425	219950		-84	0	3	3	2	3	310	312	3	95	0	195
99	430	225168		-85	0	3	3	2	3	310	312	3	95	0	195
100	435	230442		-86	0	3	3	2	3	310	312	3	95	0	195

\* 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 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 349  
MONETT, MISSOURI  
2 MAY 1982  
501 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
00	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
00	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
00	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
01	12.8	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
01	14.8	648.6	925.0	14.1	8.2	48.6	1.2	-0.9	-0.6	293.8	313.5	7.4	67.2	0.3	186
02	17.3	1679.5	900.0	12.2	6.2	151.7	0.6	-0.3	0.6	284.1	314.4	7.6	76.4	0.2	191
03	19.9	1515.0	875.0	10.1	7.6	183.0	1.1	-0.3	1.1	284.3	314.4	7.5	84.5	0.2	195
04	22.5	1556.0	850.0	8.5	6.7	188.9	1.2	0.4	1.1	285.1	314.6	7.3	86.2	0.1	204
05	25.1	1802.6	825.0	6.9	4.8	99.9	99.9	99.9	99.9	295.9	313.9	6.6	86.9	0.1	187
06	27.8	2055.3	800.0	5.4	3.8	99.9	99.9	99.9	99.9	296.9	314.0	6.3	89.5	0.0	999
07	30.6	2314.2	775.0	3.1	1.8	99.9	99.9	99.9	99.9	297.2	312.6	5.6	91.2	0.0	999
08	33.3	2579.1	750.0	1.4	99.9	99.9	99.9	99.9	99.9	298.1	309.9	99.9	99.9	99.9	999
09	36.0	2853.0	725.0	2.7	99.9	99.9	99.9	99.9	99.9	302.5	309.9	99.9	99.9	99.9	999
10	38.8	3136.2	700.0	1.2	-13.8	99.9	99.9	99.9	99.9	303.8	309.5	99.9	99.9	99.9	999
11	41.6	3428.1	675.0	-0.2	-19.1	99.9	99.9	99.9	99.9	305.4	309.3	1.2	22.5	99.9	999
12	44.4	3728.9	650.0	-1.9	-17.7	99.9	99.9	99.9	99.9	306.8	311.3	1.5	26.4	99.9	999
13	47.2	4030.0	625.0	-3.7	-20.2	99.9	99.9	99.9	99.9	308.2	312.9	1.2	26.4	99.9	999
14	50.0	4330.9	600.0	-5.5	-20.5	99.9	99.9	99.9	99.9	308.9	312.9	1.2	31.1	99.9	999
15	52.8	4632.3	575.0	-7.3	-20.5	99.9	99.9	99.9	99.9	309.0	314.6	1.5	42.6	99.9	999
16	55.6	4934.6	550.0	-9.1	-19.0	99.9	99.9	99.9	99.9	309.0	313.0	0.9	33.7	99.9	999
17	58.4	5236.8	525.0	-10.9	-20.9	99.9	99.9	99.9	99.9	313.2	315.2	0.5	33.7	99.9	999
18	61.2	5539.1	500.0	-12.7	-20.9	99.9	99.9	99.9	99.9	313.2	315.2	0.5	33.7	99.9	999
19	64.0	5841.5	475.0	-14.5	-23.1	304.7	4.5	2.7	-3.4	315.2	316.6	0.4	18.9	2.2	112
20	66.8	6143.8	450.0	-16.3	-25.1	308.5	6.6	6.6	-5.4	316.0	317.4	0.4	20.1	2.2	112
21	69.6	6446.1	425.0	-18.1	-27.0	317.5	8.6	8.6	-8.5	317.1	318.2	0.4	27.3	3.3	117
22	72.4	6748.4	400.0	-19.9	-28.7	321.1	10.1	10.1	-9.9	318.9	318.7	0.3	39.0	3.3	120
23	75.2	7050.7	375.0	-21.7	-30.4	321.7	11.5	11.5	-11.5	320.2	320.8	0.2	28.0	4.8	124
24	78.0	7353.0	350.0	-23.5	-32.1	322.4	13.6	13.6	-11.6	322.6	323.1	0.1	23.5	5.7	126
25	80.8	7655.3	325.0	-25.3	-33.8	322.4	14.7	14.7	-11.6	322.6	324.0	0.1	21.9	6.8	130
26	83.6	7957.6	300.0	-27.1	-35.5	325.5	15.7	15.7	-12.9	324.5	324.0	0.1	25.1	8.8	132
27	86.4	8259.9	275.0	-28.9	-37.2	325.5	17.0	17.0	-14.5	325.3	324.5	99.9	99.9	9.8	134
28	89.2	8562.2	250.0	-30.7	-38.9	328.7	18.7	18.7	-16.7	325.3	324.5	99.9	99.9	11.7	136
29	92.0	8864.5	225.0	-32.5	-40.6	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	13.8	139
30	94.8	9166.8	200.0	-34.3	-42.3	333.7	18.7	18.7	-16.7	326.6	324.5	99.9	99.9	15.9	141
31	97.6	9469.1	175.0	-36.1	-44.0	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	18.0	142
32	100.4	9771.4	150.0	-37.9	-45.7	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	20.1	142
33	103.2	10073.7	125.0	-39.7	-47.4	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	22.2	142
34	106.0	10376.0	100.0	-41.5	-49.1	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	24.3	142
35	108.8	10678.3	75.0	-43.3	-50.8	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	26.4	142
36	111.6	10980.6	50.0	-45.1	-52.5	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	28.5	142
37	114.4	11282.9	25.0	-46.9	-54.2	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	30.6	142
38	117.2	11585.2	0.0	-48.7	-55.9	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	32.7	142
39	120.0	11887.5	0.0	-50.5	-57.6	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	34.8	142
40	122.8	12189.8	0.0	-52.3	-59.3	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	36.9	142
41	125.6	12492.1	0.0	-54.1	-61.0	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	39.0	142
42	128.4	12794.4	0.0	-55.9	-62.7	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	41.1	142
43	131.2	13096.7	0.0	-57.7	-64.4	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	43.2	142
44	134.0	13399.0	0.0	-59.5	-66.1	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	45.3	142
45	136.8	13701.3	0.0	-61.3	-67.8	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	47.4	142
46	139.6	14003.6	0.0	-63.1	-69.5	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	49.5	142
47	142.4	14305.9	0.0	-64.9	-71.2	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	51.6	142
48	145.2	14608.2	0.0	-66.7	-72.9	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	53.7	142
49	148.0	14910.5	0.0	-68.5	-74.6	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	55.8	142
50	150.8	15212.8	0.0	-70.3	-76.3	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	57.9	142
51	153.6	15515.1	0.0	-72.1	-78.0	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	60.0	142
52	156.4	15817.4	0.0	-73.9	-79.7	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	62.1	142
53	159.2	16119.7	0.0	-75.7	-81.4	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	64.2	142
54	162.0	16422.0	0.0	-77.5	-83.1	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	66.3	142
55	164.8	16724.3	0.0	-79.3	-84.8	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	68.4	142
56	167.6	17026.6	0.0	-81.1	-86.5	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	70.5	142
57	170.4	17328.9	0.0	-82.9	-88.2	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	72.6	142
58	173.2	17631.2	0.0	-84.7	-89.9	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	74.7	142
59	176.0	17933.5	0.0	-86.5	-91.6	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	76.8	142
60	178.8	18235.8	0.0	-88.3	-93.3	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	78.9	142
61	181.6	18538.1	0.0	-90.1	-95.0	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	81.0	142
62	184.4	18840.4	0.0	-91.9	-96.7	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	83.1	142
63	187.2	19142.7	0.0	-93.7	-98.4	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	85.2	142
64	190.0	19445.0	0.0	-95.5	-100.1	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	87.3	142
65	192.8	19747.3	0.0	-97.3	-101.8	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	89.4	142
66	195.6	20049.6	0.0	-99.1	-103.5	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	91.5	142
67	198.4	20351.9	0.0	-100.9	-105.2	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	93.6	142
68	201.2	20654.2	0.0	-102.7	-106.9	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	95.7	142
69	204.0	20956.5	0.0	-104.5	-108.6	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	97.8	142
70	206.8	21258.8	0.0	-106.3	-110.3	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	99.9	142
71	209.6	21561.1	0.0	-108.1	-112.0	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	102.0	142
72	212.4	21863.4	0.0	-109.9	-113.7	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	104.1	142
73	215.2	22165.7	0.0	-111.7	-115.4	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	106.2	142
74	218.0	22468.0	0.0	-113.5	-117.1	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	108.3	142
75	220.8	22770.3	0.0	-115.3	-118.8	333.7	20.6	20.6	-18.6	326.6	324.5	99.9	99.9	110.4	142
76	223.6	23072.6	0.0	-117.1	-120.5	333.7	20.6	20.6	-18.6	326.6	324.5				

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 349  
MONETT, MISSOURI  
2 MAY 1982  
1100 GM

TIME MIN	CHTCT	HEIGHT GPM	PRES MB	TEMP DG C	DLW FT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	Mx RTO GM/KG	RH PCT	RANGE MM	AZ DG
00	99	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	0.0
01	99	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02	99	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03	99	99.9	950.0	15.4	9.9	23.3	2.4	-0.9	-2.2	292.9	312.8	7.5	84.0	0.2	227
04	99	99.9	925.0	17.5	9.9	33.0	1.9	-0.1	-1.6	293.4	312.5	7.2	89.9	0.3	214
05	99	99.9	900.0	19.6	7.3	38.0	1.9	1.0	-1.4	294.7	312.5	6.8	75.8	0.4	189
06	99	99.9	875.0	19.2	5.6	38.0	2.6	1.6	-0.7	294.7	312.5	6.8	75.8	0.4	177
07	99	99.9	850.0	18.4	5.4	245.3	4.1	3.0	2.6	295.4	313.8	6.9	83.4	0.4	150
08	99	99.9	825.0	18.4	5.4	245.3	5.4	5.2	1.8	296.5	314.3	6.9	83.4	0.4	150
09	99	99.9	800.0	18.4	5.4	245.3	6.9	6.1	2.6	297.5	314.3	6.9	83.4	0.4	150
10	99	99.9	775.0	18.4	5.4	245.3	8.4	8.1	1.8	298.4	313.4	6.9	83.4	0.4	150
11	99	99.9	750.0	18.4	5.4	245.3	9.9	9.9	0.1	300.1	310.1	6.9	83.4	0.4	150
12	99	99.9	725.0	18.4	5.4	245.3	11.4	11.4	-0.1	301.8	305.8	6.9	83.4	0.4	150
13	99	99.9	700.0	18.4	5.4	245.3	13.0	13.0	-2.5	302.8	309.6	6.9	83.4	0.4	150
14	99	99.9	675.0	18.4	5.4	245.3	14.6	14.6	-4.3	307.0	311.3	6.9	83.4	0.4	150
15	99	99.9	650.0	18.4	5.4	245.3	16.2	16.2	-4.4	307.1	311.2	6.9	83.4	0.4	150
16	99	99.9	625.0	18.4	5.4	245.3	17.8	17.8	-4.4	308.3	312.2	6.9	83.4	0.4	150
17	99	99.9	600.0	18.4	5.4	245.3	19.4	19.4	-4.4	312.3	314.1	6.9	83.4	0.4	150
18	99	99.9	575.0	18.4	5.4	245.3	21.0	21.0	-4.4	313.8	315.4	6.9	83.4	0.4	150
19	99	99.9	550.0	18.4	5.4	245.3	22.6	22.6	-4.4	314.1	315.4	6.9	83.4	0.4	150
20	99	99.9	525.0	18.4	5.4	245.3	24.2	24.2	-4.4	315.4	315.4	6.9	83.4	0.4	150
21	99	99.9	500.0	18.4	5.4	245.3	25.8	25.8	-4.4	315.4	315.4	6.9	83.4	0.4	150
22	99	99.9	475.0	18.4	5.4	245.3	27.4	27.4	-4.4	315.4	315.4	6.9	83.4	0.4	150
23	99	99.9	450.0	18.4	5.4	245.3	29.0	29.0	-4.4	315.4	315.4	6.9	83.4	0.4	150
24	99	99.9	425.0	18.4	5.4	245.3	30.6	30.6	-4.4	315.4	315.4	6.9	83.4	0.4	150
25	99	99.9	400.0	18.4	5.4	245.3	32.2	32.2	-4.4	315.4	315.4	6.9	83.4	0.4	150
26	99	99.9	375.0	18.4	5.4	245.3	33.8	33.8	-4.4	315.4	315.4	6.9	83.4	0.4	150
27	99	99.9	350.0	18.4	5.4	245.3	35.4	35.4	-4.4	315.4	315.4	6.9	83.4	0.4	150
28	99	99.9	325.0	18.4	5.4	245.3	37.0	37.0	-4.4	315.4	315.4	6.9	83.4	0.4	150
29	99	99.9	300.0	18.4	5.4	245.3	38.6	38.6	-4.4	315.4	315.4	6.9	83.4	0.4	150
30	99	99.9	275.0	18.4	5.4	245.3	40.2	40.2	-4.4	315.4	315.4	6.9	83.4	0.4	150
31	99	99.9	250.0	18.4	5.4	245.3	41.8	41.8	-4.4	315.4	315.4	6.9	83.4	0.4	150
32	99	99.9	225.0	18.4	5.4	245.3	43.4	43.4	-4.4	315.4	315.4	6.9	83.4	0.4	150
33	99	99.9	200.0	18.4	5.4	245.3	45.0	45.0	-4.4	315.4	315.4	6.9	83.4	0.4	150
34	99	99.9	175.0	18.4	5.4	245.3	46.6	46.6	-4.4	315.4	315.4	6.9	83.4	0.4	150
35	99	99.9	150.0	18.4	5.4	245.3	48.2	48.2	-4.4	315.4	315.4	6.9	83.4	0.4	150
36	99	99.9	125.0	18.4	5.4	245.3	49.8	49.8	-4.4	315.4	315.4	6.9	83.4	0.4	150
37	99	99.9	100.0	18.4	5.4	245.3	51.4	51.4	-4.4	315.4	315.4	6.9	83.4	0.4	150
38	99	99.9	75.0	18.4	5.4	245.3	53.0	53.0	-4.4	315.4	315.4	6.9	83.4	0.4	150
39	99	99.9	50.0	18.4	5.4	245.3	54.6	54.6	-4.4	315.4	315.4	6.9	83.4	0.4	150
40	99	99.9	25.0	18.4	5.4	245.3	56.2	56.2	-4.4	315.4	315.4	6.9	83.4	0.4	150
41	99	99.9	0.0	18.4	5.4	245.3	57.8	57.8	-4.4	315.4	315.4	6.9	83.4	0.4	150
42	99	99.9	99.9	18.4	5.4	245.3	59.4	59.4	-4.4	315.4	315.4	6.9	83.4	0.4	150
43	99	99.9	99.9	18.4	5.4	245.3	61.0	61.0	-4.4	315.4	315.4	6.9	83.4	0.4	150
44	99	99.9	99.9	18.4	5.4	245.3	62.6	62.6	-4.4	315.4	315.4	6.9	83.4	0.4	150
45	99	99.9	99.9	18.4	5.4	245.3	64.2	64.2	-4.4	315.4	315.4	6.9	83.4	0.4	150
46	99	99.9	99.9	18.4	5.4	245.3	65.8	65.8	-4.4	315.4	315.4	6.9	83.4	0.4	150
47	99	99.9	99.9	18.4	5.4	245.3	67.4	67.4	-4.4	315.4	315.4	6.9	83.4	0.4	150
48	99	99.9	99.9	18.4	5.4	245.3	69.0	69.0	-4.4	315.4	315.4	6.9	83.4	0.4	150
49	99	99.9	99.9	18.4	5.4	245.3	70.6	70.6	-4.4	315.4	315.4	6.9	83.4	0.4	150
50	99	99.9	99.9	18.4	5.4	245.3	72.2	72.2	-4.4	315.4	315.4	6.9	83.4	0.4	150
51	99	99.9	99.9	18.4	5.4	245.3	73.8	73.8	-4.4	315.4	315.4	6.9	83.4	0.4	150
52	99	99.9	99.9	18.4	5.4	245.3	75.4	75.4	-4.4	315.4	315.4	6.9	83.4	0.4	150
53	99	99.9	99.9	18.4	5.4	245.3	77.0	77.0	-4.4	315.4	315.4	6.9	83.4	0.4	150
54	99	99.9	99.9	18.4	5.4	245.3	78.6	78.6	-4.4	315.4	315.4	6.9	83.4	0.4	150
55	99	99.9	99.9	18.4	5.4	245.3	80.2	80.2	-4.4	315.4	315.4	6.9	83.4	0.4	150
56	99	99.9	99.9	18.4	5.4	245.3	81.8	81.8	-4.4	315.4	315.4	6.9	83.4	0.4	150
57	99	99.9	99.9	18.4	5.4	245.3	83.4	83.4	-4.4	315.4	315.4	6.9	83.4	0.4	150
58	99	99.9	99.9	18.4	5.4	245.3	85.0	85.0	-4.4	315.4	315.4	6.9	83.4	0.4	150
59	99	99.9	99.9	18.4	5.4	245.3	86.6	86.6	-4.4	315.4	315.4	6.9	83.4	0.4	150
60	99	99.9	99.9	18.4	5.4	245.3	88.2	88.2	-4.4	315.4	315.4	6.9	83.4	0.4	150
61	99	99.9	99.9	18.4	5.4	245.3	89.8	89.8	-4.4	315.4	315.4	6.9	83.4	0.4	150
62	99	99.9	99.9	18.4	5.4	245.3	91.4	91.4	-4.4	315.4	315.4	6.9	83.4	0.4	150
63	99	99.9	99.9	18.4	5.4	245.3	93.0	93.0	-4.4	315.4	315.4	6.9	83.4	0.4	150
64	99	99.9	99.9	18.4	5.4	245.3	94.6	94.6	-4.4	315.4	315.4	6.9	83.4	0.4	150
65	99	99.9	99.9	18.4	5.4	245.3	96.2	96.2	-4.4	315.4	315.4	6.9	83.4	0.4	150
66	99	99.9	99.9	18.4	5.4	245.3	97.8	97.8	-4.4	315.4	315.4	6.9	83.4	0.4	150
67	99	99.9	99.9	18.4	5.4	245.3	99.4	99.9	-4.4	315.4	315.4	6.9	83.4	0.4	150
68	99	99.9	99.9	18.4	5.4	245.3	101.0	101.0	-4.4	315.4	315.4	6.9	83.4	0.4	150
69	99	99.9	99.9	18.4	5.4	245.3	102.6	102.6	-4.4	315.4	315.4	6.9	83.4	0.4	150
70	99	99.9	99.9	18.4	5.4	245.3	104.2	104.2	-4.4	315.4	315.4	6.9	83.4	0.4	150
71	99	99.9	99.9	18.4	5.4	245.3	105.8	105.8	-4.4	315.4	315.4	6.9	83.4	0.4	150
72	99	99.9	99.9	18.4	5.4	245.3	107.4	107.4	-4.4	315.4	315.4	6.9	83.4	0.4	150
73	99	99.9	99.9	18.4	5.4	245.3	109.0	109.0	-4.4	315.4	315.4	6.9	83.4	0.4	150
74	99	99.9	99.9	18.4	5.4	245.3	110.6	110.6	-4.4	315.4	315.4	6.9	83.4	0.4	150
75	99	99.9	99.9	18.4	5.4	245.3	112.2	112.2	-4.4	315.4	315.4	6.9	83.4	0.4	150
76	99	99.9	99.9	18.4	5.4	245.3	113.8	113.8	-4.4	315.4	315.4	6.9	83.4	0.4	150
77	99	99.9	99.9	18.4	5.4	245.3	115.4	115.4	-4.4	315.4	315.4	6.9	83.4	0.4	150
78	99	99.9	99.9	18.4	5.4	245.3	117.0	117.0	-4.4	315.4	315.4	6.9	83.4	0.4	150
79	99	99.9	99.9	18.4	5.4	245.3	118.6	118.6	-4.4	315.4	315.4	6.9	83.4	0.4	150
80	99	99.9	99.9	18.4	5.4	245.3	120.2	120.2	-4.4	315.4	315.4	6.9	83.4	0.4	150
81	99	99.9	99.9	18.4	5.4	245.3	121.8	121.8	-4.4	315.4	315.4	6.9	83.4	0.4	150
82	99	99.9	99.9	18.4	5.4	245.3	123.4	123.4	-4.4	315.4	315.4	6.9	83.4	0.4	150
83	99	99.9	99.9	18.4	5.4	245.3	125.0	125.0	-4.4	315.4	315.4	6.9			

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 353  
OKLAHOMA CITY, OKLAHOMA  
1 MAY 1962  
1100 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES HP	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/NG	RH PCT	RANGE KM	AZ DG
00	9.4	392.0	978.6	13.3	10.5	0	2.6	-0.5	-2.6	288.4	309.6	8.2	83.0	0.0	0
01	9.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	288.7	999.9	99.9	999.9	999.9	999.9
02	9.3	405.9	975.0	13.5	11.0	99.9	99.9	99.9	99.9	288.7	310.6	8.5	93.3	999.9	999.9
03	12.3	625.1	950.0	12.9	11.5	99.9	99.9	99.9	99.9	290.3	314.4	9.3	93.3	999.9	999.9
04	15.0	849.1	925.0	11.2	10.2	99.9	99.9	99.9	99.9	290.7	312.9	8.5	92.0	999.9	999.9
05	17.8	1078.2	900.0	11.2	8.9	99.9	99.9	99.9	99.9	292.0	313.0	8.0	92.0	999.9	999.9
06	20.3	1312.3	875.0	8.5	7.5	99.9	99.9	99.9	99.9	292.7	312.4	7.4	92.6	999.9	999.9
07	23.3	1552.1	850.0	7.5	7.4	99.9	99.9	99.9	99.9	294.5	314.9	7.7	96.8	999.9	999.9
08	26.9	1798.7	825.0	7.5	7.0	99.9	99.9	99.9	99.9	296.5	317.1	7.3	96.5	999.9	999.9
09	31.7	2052.3	800.0	6.9	5.9	99.9	99.9	99.9	99.9	298.1	317.9	7.3	96.0	999.9	999.9
10	37.5	2313.1	775.0	5.8	5.7	99.9	99.9	99.9	99.9	300.0	317.7	5.8	85.9	999.9	999.9
11	40.2	2581.4	750.0	4.6	4.6	99.9	99.9	99.9	99.9	301.6	317.9	5.4	81.6	999.9	999.9
12	43.0	2857.4	725.0	2.0	3.0	247.7	7.7	7.3	3.4	302.5	314.6	4.2	65.4	0.5	123
13	43.0	3140.9	700.0	1.0	1.0	277.0	7.7	7.2	3.0	303.6	317.6	5.0	65.4	0.9	122
14	43.0	3432.4	675.0	-1.4	-1.8	259.9	7.3	6.4	1.3	304.1	318.3	5.0	66.7	1.3	86
15	48.9	3733.1	650.0	-2.6	-4.4	262.7	6.4	5.7	0.6	306.1	318.4	4.3	67.5	1.7	85
16	51.9	4043.5	625.0	-4.7	-6.6	262.8	5.8	4.7	0.7	307.1	318.9	4.7	68.5	2.1	85
17	54.9	4364.2	600.0	-6.5	-7.3	264.9	5.3	3.3	0.5	308.6	319.0	3.7	69.9	2.9	85
18	58.0	4695.6	575.0	-9.0	-9.8	268.8	4.8	2.4	1.6	309.5	319.0	3.2	68.1	3.1	82
19	61.1	5039.3	550.0	-10.5	-12.2	277.7	4.5	1.6	3.0	311.6	318.2	2.1	58.9	3.4	79
20	64.4	5396.6	525.0	-11.7	-15.2	289.9	3.8	0.3	1.8	315.9	319.9	1.1	54.1	3.8	50
21	67.7	5769.2	500.0	-14.1	-17.7	295.8	3.0	2.7	0.3	317.3	321.5	1.2	48.1	3.8	64
22	70.7	6156.6	475.0	-16.5	-20.7	306.8	3.7	2.5	-1.2	318.7	321.5	0.5	47.3	4.2	81
23	74.1	6563.4	450.0	-19.0	-23.6	316.2	3.0	1.8	-2.5	322.0	322.4	0.3	42.5	4.6	96
24	77.6	7000.8	425.0	-25.4	-30.8	334.9	4.2	1.6	-3.8	322.5	323.0	0.4	42.5	5.2	97
25	81.1	7480.6	400.0	-32.4	-36.8	353.2	5.1	4.3	-0.8	325.3	325.6	0.2	44.3	5.9	97
26	84.9	8000.4	375.0	-41.2	-45.0	378.7	6.4	5.9	0.6	325.3	326.0	0.2	44.3	6.6	97
27	88.7	8697.3	350.0	-47.0	-50.9	424.4	8.2	8.2	-0.6	327.2	326.0	0.2	44.3	7.6	96
28	92.5	9444.7	300.0	-42.0	-47.0	474.4	6.6	6.6	0.6	327.2	326.0	0.2	44.3	8.6	96
29	96.7	10277.4	275.0	-47.0	-47.0	524.9	8.6	8.6	0.6	327.2	326.0	0.2	44.3	9.6	96
30	101.0	10650.3	250.0	-52.9	-52.9	574.9	8.5	8.4	0.4	327.5	326.0	0.2	44.3	10.1	96
31	105.5	11323.2	225.0	-58.1	-58.1	624.9	9.7	9.7	0.4	329.5	326.0	0.2	44.3	11.1	95
32	110.2	12054.1	200.0	-64.1	-64.1	674.9	9.7	9.7	1.3	331.2	326.0	0.2	44.3	12.3	93
33	115.2	12869.8	175.0	-64.2	-64.2	724.9	11.4	11.4	1.1	344.0	326.0	0.2	44.3	13.3	94
34	120.7	13811.4	150.0	-62.6	-62.6	774.9	12.6	12.5	2.8	362.3	326.0	0.2	44.3	15.9	95
35	126.7	14938.5	125.0	-61.7	-61.7	824.9	14.7	14.4	4.1	383.2	326.0	0.2	44.3	19.7	95
36	133.7	16316.0	100.0	-64.4	-64.4	874.9	13.7	13.0	4.4	403.3	326.0	0.2	44.3	24.1	97
37	141.3	18092.4	75.0	-60.4	-60.4	924.9	8.9	7.0	5.5	446.3	326.0	0.2	44.3	28.7	103
38	150.3	20631.0	50.0	-57.0	-57.0	974.9	3.6	-0.1	5.8	507.1	326.0	0.2	44.3	30.7	103
39	160.5	25060.6	25.0	-51.8	-51.8	974.9	3.1	-2.5	1.8	636.0	326.0	0.2	44.3	28.8	107

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 16 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS





ORIGINAL PAGE 13  
OF POOR QUALITY

STATION NO 353  
OKLAHOMA CITY, OKLAHOMA  
1 MAY 1982  
1715 GMT

TIME MIN	OMTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	POT RTO GM/KG	RH PCT	RANGE KM	163	10	0
00	91	392.0	978.0	17.2	10.6	60.0	2.6	-2.3	-1.3	232.2	313.9	8.2	65.0	0.0	0.0	0.0	
09	99	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
01	94	418.3	975.0	17.0	10.7	83.3	4.5	-4.1	-2.0	232.2	314.1	8.3	66.5	0.2	2.234	0.0	
08	12	639.3	950.0	14.8	10.4	69.3	6.5	-6.1	-2.3	232.2	314.3	8.4	67.8	0.5	7.251	0.0	
17	14	864.5	925.0	13.0	8.7	88.4	4.5	-4.2	-1.7	232.6	312.8	7.5	75.0	0.7	250	0.0	
26	17	1094.5	900.0	11.1	7.9	72.6	4.0	-3.6	-0.5	233.7	314.4	7.8	80.6	0.9	252	0.0	
34	20	1329.5	875.0	9.5	8.1	80.0	2.7	-2.7	-0.2	234.6	315.4	7.7	91.3	1.0	254	0.0	
43	23	1570.0	850.0	8.1	7.5	83.1	1.4	-1.4	0.2	235.8	317.2	7.7	95.8	0.9	258	0.0	
52	26	1816.6	825.0	7.0	7.0	189.0	1.6	2.7	1.1	238.3	318.5	7.4	96.2	0.9	254	0.0	
62	29	2070.4	800.0	6.7	6.1	252.8	5.0	4.8	1.5	239.9	318.8	6.5	93.0	0.6	258	0.0	
72	31	2331.5	775.0	5.6	5.1	241.5	6.2	5.4	2.9	301.2	319.1	6.4	92.2	0.3	274	0.0	
81	34	2675.3	750.0	4.3	3.1	253.4	6.0	5.7	1.7	302.2	318.9	6.0	94.6	0.2	5	0.5	
91	37	3156.9	725.0	2.4	1.7	274.9	5.1	5.1	0.5	303.6	317.6	4.8	91.3	0.2	58	0.5	
102	40	3450.9	700.0	1.1	-1.7	274.5	5.1	5.1	0.3	305.1	316.8	4.0	74.1	0.7	69	0.9	
113	43	3751.8	650.0	-0.5	-4.6	260.7	3.2	3.2	-0.3	306.4	316.5	3.4	69.2	0.9	75	1.2	
125	46	4062.5	625.0	-2.3	-7.1	224.8	2.7	2.5	0.4	307.8	317.3	3.2	71.2	1.1	72	1.3	
136	49	4383.6	600.0	-4.1	-7.9	234.3	4.1	3.3	2.4	308.7	319.1	3.5	89.2	1.3	65	1.7	
148	52	4716.3	575.0	-6.9	-12.7	267.6	6.0	6.0	0.3	311.9	319.6	3.5	83.8	1.7	87	2.6	
162	55	5062.1	550.0	-8.9	-15.4	289.8	6.6	6.2	-2.2	313.7	320.2	2.1	58.6	2.2	74	2.6	
176	58	5421.2	525.0	-10.7	-19.2	300.4	6.3	6.2	-3.5	315.6	320.6	1.8	41.9	2.6	82	2.9	
203	61	5794.5	500.0	-13.4	-23.6	317.6	4.6	4.0	-2.7	318.8	320.5	1.1	20.8	2.9	89	3.2	
216	64	6183.6	475.0	-15.5	-26.9	328.7	3.6	3.2	-3.3	320.2	321.6	0.5	19.2	3.2	92	3.4	
235	72	6589.2	450.0	-18.3	-36.0	328.0	3.8	3.0	-4.7	321.1	322.5	0.4	25.9	3.7	102	3.7	
251	75	7013.2	425.0	-21.8	-37.8	328.1	3.8	3.2	-4.7	322.9	322.5	0.4	29.8	4.0	107	4.0	
269	79	7456.2	400.0	-25.3	-37.8	328.7	3.7	3.2	-4.6	323.9	323.9	0.3	31.5	4.4	112	4.5	
285	82	7921.3	375.0	-29.3	-40.8	316.7	5.1	4.8	-4.6	325.6	323.8	0.3	32.7	4.5	114	5.1	
304	86	8410.0	350.0	-33.3	-41.6	297.0	4.8	4.8	-2.5	325.6	325.7	0.3	34.2	5.1	114	5.1	
323	90	8926.3	325.0	-37.5	-46.6	297.6	7.8	6.9	-3.6	326.7	325.7	0.2	37.4	5.8	114	5.8	
343	94	9473.7	300.0	-41.6	-46.6	283.8	9.4	9.1	-2.2	328.1	328.7	0.2	39.9	6.9	114	6.9	
368	98	10057.2	275.0	-46.5	-46.5	269.4	9.3	9.3	0.8	327.8	327.8	0.2	39.9	6.9	114	6.9	
391	103	10682.9	250.0	-51.0	-46.5	266.3	12.2	12.2	0.8	330.3	329.9	0.2	39.9	6.9	114	6.9	
416	107	11359.9	225.0	-55.6	-46.5	278.8	14.0	13.9	-2.1	333.4	329.9	0.2	39.9	6.9	114	6.9	
442	112	12101.3	200.0	-61.1	-46.5	288.8	12.6	11.9	-4.1	338.0	329.9	0.2	39.9	6.9	114	6.9	
470	117	12925.4	175.0	-63.0	-46.5	297.8	12.7	10.7	-5.7	346.0	329.9	0.2	39.9	6.9	114	6.9	
502	123	13861.3	150.0	-60.9	-46.5	291.6	12.7	11.8	-4.6	355.1	329.9	0.2	39.9	6.9	114	6.9	
535	129	15016.5	125.0	-59.9	-46.5	288.3	14.6	13.8	-4.4	366.6	329.9	0.2	39.9	6.9	114	6.9	
583	137	16407.1	100.0	-61.3	-46.5	288.3	13.6	12.4	-3.9	379.3	329.9	0.2	39.9	6.9	114	6.9	
643	145	18196.0	75.0	-58.4	-46.5	305.6	17.5	16.1	-3.1	418.5	329.9	0.2	39.9	6.9	114	6.9	
728	154	20756.2	50.0	-56.0	-46.5	306.4	3.5	1.6	-3.1	506.9	329.9	0.2	39.9	6.9	114	6.9	
863	165	25210.5	25.0	-48.9	-46.5	101.2	4.3	-4.2	0.8	644.2	329.9	0.2	39.9	6.9	114	6.9	

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

CRITICAL POINTS  
OF POOR QUALITY

STATION NO 353  
OKLAHOMA CITY, OKLAHOMA  
1 MAY 2015 GMT 1982

TIME MIN	GMTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTG GM/KG	RH PCT	RANGE KM	18	0
00	0	392	976	20	11.5	100	2	-2	0.5	235	318	8	58	0	0	0
09	9	1000	999	99	99	99	99	99	99	99	99	99	99	99	99	99
10	1	406	975	18.6	11.2	108	2	-2	0.7	234	317	8	58	0	0	0
11	1	628	950	16.5	10.2	107	2	-2	0.7	234	317	8	58	0	0	0
16	1	854	925	13.9	9.2	107	2	-2	0.8	233	316	0	70	0	0	3
27	2	1085	900	11.6	8.3	88	1	-1	1.1	233	314	6	80	0	0	3
35	5	1320	875	9.9	6.9	51	4	-1	1.4	234	315	7	85	0	0	4
43	3	1562	850	8.2	5.2	127	8	-1	1.2	235	317	7	85	0	0	5
51	1	1809	825	6.6	3.8	232	7	2	0.9	237	319	6	84	0	0	5
60	0	2064	800	5.0	2.2	250	6	4	1.6	239	319	7	84	0	0	5
68	0	2325	775	3.4	0.6	258	1	5	2.1	239	319	4	84	0	0	5
77	7	2593	750	1.7	-0.9	245	4	5	2.0	301	319	4	94	0	0	4
86	6	2869	725	0.3	-2.5	250	2	5	2.0	302	319	4	94	0	0	3
95	5	3154	700	-1.1	-4.1	250	3	5	1.7	304	320	2	94	0	0	3
104	4	3446	675	-2.9	-5.9	257	2	3	0.8	305	320	1	92	0	0	8
113	3	3748	650	-4.7	-7.7	251	3	2	0.6	306	317	4	87	0	0	5
122	2	4059	625	-6.4	-9.4	230	6	2	0.6	307	317	4	86	0	0	2
131	1	4382	600	-8.2	-11.2	249	9	4	1.8	311	321	4	72	0	0	1
140	0	4717	575	-10.0	-13.0	249	9	5	1.8	313	321	4	72	0	0	1
149	0	5054	550	-11.8	-14.8	331	5	1	2.5	315	323	3	72	0	0	1
158	0	5420	525	-13.6	-16.6	331	5	2	2.2	317	323	3	72	0	0	1
167	0	5801	500	-15.4	-18.4	329	0	3	2.7	319	323	3	72	0	0	1
176	0	6191	475	-17.2	-20.2	322	6	4	3.7	321	323	3	72	0	0	1
185	0	6598	450	-19.0	-22.0	313	1	5	4.8	321	323	3	72	0	0	1
194	0	7023	425	-20.8	-23.8	305	8	6	6.7	323	323	3	72	0	0	1
203	0	7467	400	-22.6	-25.6	289	9	7	9.0	323	323	3	72	0	0	1
212	0	7933	375	-24.4	-27.4	283	7	8	11.6	323	323	3	72	0	0	1
221	0	8422	350	-26.2	-29.2	277	3	9	13.1	323	323	3	72	0	0	1
230	0	8940	325	-28.0	-31.0	274	1	11	15.7	323	323	3	72	0	0	1
239	0	9488	300	-29.8	-32.8	275	3	13	18.1	323	323	3	72	0	0	1
248	0	10073	275	-31.6	-34.6	273	3	14	20.7	323	323	3	72	0	0	1
257	0	10700	250	-33.4	-36.4	275	3	15	23.2	323	323	3	72	0	0	1
266	0	11378	225	-35.2	-38.2	281	2	16	25.7	323	323	3	72	0	0	1
275	0	12023	200	-37.0	-40.0	291	7	17	28.2	323	323	3	72	0	0	1
284	0	12672	175	-38.8	-41.8	280	7	18	30.7	323	323	3	72	0	0	1
293	0	13308	150	-40.6	-43.6	283	5	19	33.2	323	323	3	72	0	0	1
302	0	13943	125	-42.4	-45.4	289	5	20	35.7	323	323	3	72	0	0	1
311	0	14578	100	-44.2	-47.2	292	5	21	38.2	323	323	3	72	0	0	1
320	0	15214	75	-46.0	-49.0	298	0	22	40.7	323	323	3	72	0	0	1
329	0	15849	50	-47.8	-50.8	313	0	23	43.2	323	323	3	72	0	0	1
338	0	16484	25	-49.6	-52.6	313	0	24	45.7	323	323	3	72	0	0	1
347	0	17119	0	-51.4	-54.4	298	0	25	48.2	323	323	3	72	0	0	1
356	0	17754	0	-53.2	-56.2	298	0	26	50.7	323	323	3	72	0	0	1
365	0	18389	0	-55.0	-58.0	313	0	27	53.2	323	323	3	72	0	0	1
374	0	19024	0	-56.8	-59.8	329	0	28	55.7	323	323	3	72	0	0	1
383	0	19659	0	-58.6	-61.6	331	5	29	58.2	323	323	3	72	0	0	1
392	0	20294	0	-60.4	-63.4	331	5	30	60.7	323	323	3	72	0	0	1
401	0	20929	0	-62.2	-65.2	322	6	31	63.2	323	323	3	72	0	0	1
410	0	21564	0	-64.0	-67.0	313	1	32	65.7	323	323	3	72	0	0	1
419	0	22199	0	-65.8	-68.8	305	8	33	68.2	323	323	3	72	0	0	1
428	0	22834	0	-67.6	-70.6	289	9	34	70.7	323	323	3	72	0	0	1
437	0	23469	0	-69.4	-72.4	283	7	35	73.2	323	323	3	72	0	0	1
446	0	24104	0	-71.2	-74.2	277	3	36	75.7	323	323	3	72	0	0	1
455	0	24739	0	-73.0	-76.0	274	1	37	78.2	323	323	3	72	0	0	1
464	0	25374	0	-74.8	-77.8	275	3	38	80.7	323	323	3	72	0	0	1
473	0	26009	0	-76.6	-79.6	273	3	39	83.2	323	323	3	72	0	0	1
482	0	26644	0	-78.4	-81.4	275	3	40	85.7	323	323	3	72	0	0	1
491	0	27279	0	-80.2	-83.2	281	2	41	88.2	323	323	3	72	0	0	1
500	0	27914	0	-82.0	-85.0	291	7	42	90.7	323	323	3	72	0	0	1
509	0	28549	0	-83.8	-86.8	280	7	43	93.2	323	323	3	72	0	0	1
518	0	29184	0	-85.6	-88.6	283	5	44	95.7	323	323	3	72	0	0	1
527	0	29819	0	-87.4	-90.4	291	7	45	98.2	323	323	3	72	0	0	1
536	0	30454	0	-89.2	-92.2	280	7	46	100.7	323	323	3	72	0	0	1
545	0	31089	0	-91.0	-94.0	293	5	47	103.2	323	323	3	72	0	0	1
554	0	31724	0	-92.8	-95.8	289	5	48	105.7	323	323	3	72	0	0	1
563	0	32359	0	-94.6	-97.6	292	0	49	108.2	323	323	3	72	0	0	1
572	0	32994	0	-96.4	-99.4	313	0	50	110.7	323	323	3	72	0	0	1
581	0	33629	0	-98.2	-101.2	313	0	51	113.2	323	323	3	72	0	0	1
590	0	34264	0	-100.0	-103.0	298	0	52	115.7	323	323	3	72	0	0	1
599	0	34899	0	-101.8	-104.8	313	0	53	118.2	323	323	3	72	0	0	1
608	0	35534	0	-103.6	-106.6	305	8	54	120.7	323	323	3	72	0	0	1
617	0	36169	0	-105.4	-108.4	289	9	55	123.2	323	323	3	72	0	0	1
626	0	36804	0	-107.2	-110.2	283	7	56	125.7	323	323	3	72	0	0	1
635	0	37439	0	-109.0	-112.0	277	3	57	128.2	323	323	3	72	0	0	1
644	0	38074	0	-110.8	-113.8	274	1	58	130.7	323	323	3	72	0	0	1
653	0	38709	0	-112.6	-115.6	275	3	59	133.2	323	323	3	72	0	0	1
662	0	39344	0	-114.4	-117.4	273	3	60	135.7	323	323	3	72	0	0	1
671	0	39979	0	-116.2	-119.2	275	3	61	138.2	323	323	3	72	0	0	1
680	0	40614	0	-118.0	-121.0	281	2	62	140.7	323	323	3	72	0	0	1
689	0	41249	0	-119.8	-122.8	291	7	63	143.2	323	323	3	72	0	0	1
698	0	41884	0	-121.6	-124.6	280	7	64	145.7	323	323	3	72	0	0	1
707	0	42519	0	-123.4	-126.4	283	5	65	148.2	323	323	3	72	0	0	1
716	0	43154	0	-125.2	-128.2	293	5	66	150.7	323	323	3	72	0	0	1
725	0	43789	0	-127.0	-130.0	280	7	67	153.2	323	323	3	72	0	0	1
734	0	44424	0	-128.8	-131.8	293	5	68	155.7	323	323	3	72	0	0	1
743	0	45059	0	-130.6	-133.6	289	5	69	158.2	323	323	3	72	0	0	1
752	0	45694	0	-132.4	-135.4	292	0	70	160.7	323	323	3	72	0	0	1
761	0	46329	0	-134.2	-137.2	313	0	71	163.2	323	323	3	72	0	0	1
770	0	46964	0	-136.0	-139.0	313	0	72	165.7	323	323	3	72	0	0	1
779	0	47599	0	-137.8	-140.8	289	9	73	168.2	323	323	3	72	0	0	1
788	0	48234	0	-139.6	-142.6	283	7	74	170.7	323	323	3	72	0	0	1
797	0	48869	0	-141.4	-144.4	277	3	75	173.2	323	323	3	72	0	0	1
806	0	49504	0	-143.2												

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 353  
OKLAHOMA CITY, OKLAHOMA  
1 MAY 1982  
2300 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
00	0	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
01	0	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02	0	99.9	975.0	17.5	10.9	99.9	99.9	99.9	99.9	295.0	318.0	8.7	85.2	99.9	99.9
03	0	841.6	925.0	15.0	10.2	99.9	99.9	99.9	99.9	294.6	317.6	8.5	73.1	99.9	99.9
04	0	1073.2	800.0	12.5	10.3	99.9	99.9	99.9	99.9	294.4	317.2	8.5	66.6	99.9	99.9
05	0	1308.3	675.0	10.4	9.4	99.9	99.9	99.9	99.9	295.6	316.8	7.9	93.6	99.9	99.9
06	0	1550.7	650.0	9.0	8.0	99.9	99.9	99.9	99.9	296.6	316.5	7.7	93.2	99.9	99.9
07	0	1798.0	625.0	7.6	6.4	99.9	99.9	99.9	99.9	296.8	316.6	7.6	94.7	99.9	99.9
08	0	2051.8	600.0	7.1	4.6	245.1	5.5	5.0	2.3	299.7	318.6	8.9	94.3	0.4	18
09	0	2312.8	775.0	5.4	3.2	242.3	4.2	4.2	2.2	301.2	319.1	8.9	93.3	0.6	36
10	0	2580.9	750.0	4.8	0.6	243.1	4.4	3.9	2.0	304.5	320.2	8.5	75.5	0.8	47
11	0	2857.1	725.0	4.4	0.6	243.1	4.4	2.5	1.4	305.1	319.7	5.1	78.8	1.1	49
12	0	3142.3	700.0	2.3	-1.0	240.5	1.7	2.5	0.0	308.7	319.3	4.4	72.1	1.2	51
13	0	3438.1	675.0	0.5	-3.5	271.1	2.8	2.8	0.3	307.7	320.0	4.0	72.7	1.3	55
14	0	3738.6	650.0	-1.1	-5.4	263.7	4.4	4.2	1.5	308.4	320.3	4.0	85.0	1.5	57
15	0	4050.4	625.0	-3.5	-8.7	279.7	4.7	4.7	0.8	310.1	320.0	3.3	76.4	1.8	61
16	0	4372.5	600.0	-5.1	-12.6	338.0	5.9	2.4	-5.4	314.0	318.8	0.8	18.2	2.0	70
17	0	4708.6	575.0	-6.3	-26.0	358.6	7.7	0.1	-8.7	318.7	318.4	0.7	19.0	1.9	89
18	0	5055.5	550.0	-8.3	-37.7	351.7	8.7	1.3	-8.6	317.2	318.7	0.8	20.8	2.0	110
19	0	5417.1	525.0	-9.4	-49.9	351.7	8.7	3.6	-8.6	318.3	320.4	0.6	21.0	2.5	123
20	0	5782.2	500.0	-12.1	-59.9	310.5	7.6	5.2	0.6	319.6	321.5	0.5	21.0	3.7	127
21	0	6182.3	475.0	-14.8	-62.2	310.5	6.6	5.7	-4.4	320.4	322.5	0.5	28.0	3.7	126
22	0	6589.2	450.0	-18.2	-64.3	306.0	7.0	6.9	-4.3	321.7	322.4	0.5	29.5	4.4	126
23	0	7013.7	425.0	-21.3	-66.4	302.0	8.2	8.9	-4.3	322.3	323.8	0.4	34.0	5.2	125
24	0	7457.6	400.0	-25.1	-68.4	296.1	10.0	9.0	-5.2	323.0	324.0	0.3	32.7	6.2	124
25	0	7922.8	375.0	-29.2	-64.4	302.3	9.6	8.2	-4.9	323.7	324.4	0.2	32.7	7.4	123
26	0	8411.2	350.0	-33.4	-49.4	295.6	11.2	10.1	-5.6	325.0	325.5	0.1	27.2	8.7	122
27	0	8927.3	325.0	-37.5	-49.9	295.6	12.4	11.4	-5.6	326.2	325.9	0.1	27.2	10.2	121
28	0	9474.5	300.0	-48.4	-99.9	294.0	15.1	13.8	-7.3	328.0	325.9	0.1	27.2	11.9	120
29	0	10057.8	275.0	-51.1	-99.9	294.0	15.1	13.8	-6.1	330.1	325.9	0.1	27.2	13.8	119
30	0	10684.2	250.0	-58.3	-99.9	291.2	14.6	13.8	-5.3	332.2	325.9	0.1	27.2	16.2	119
31	0	11360.6	225.0	-58.8	-99.9	291.2	14.6	13.8	-5.3	332.2	325.9	0.1	27.2	18.2	119
32	0	12103.1	200.0	-62.6	-99.9	294.6	17.3	15.7	-7.3	338.1	325.9	0.1	27.2	21.9	118
33	0	12831.3	175.0	-67.7	-99.9	294.6	17.3	15.7	-7.3	346.6	325.9	0.1	27.2	24.9	118
34	0	13688.1	150.0	-80.7	-99.9	285.2	16.3	15.4	-5.4	384.4	325.9	0.1	27.2	29.3	117
35	0	14503.0	125.0	-81.1	-99.9	289.1	15.4	15.4	-4.6	408.0	325.9	0.1	27.2	33.7	116
36	0	15023.0	100.0	-82.0	-99.9	310.6	13.7	13.7	-3.2	444.3	325.9	0.1	27.2	38.2	117
37	0	16406.3	75.0	-81.3	-99.9	310.6	9.5	7.2	-5.0	507.2	325.9	0.1	27.2	40.6	116
38	0	18168.0	50.0	-87.9	-99.9	313.8	5.0	-0.7	-3.2	635.4	325.9	0.1	27.2	49.9	122
39	0	20734.0	25.0	-97.9	-99.9	313.8	4.6	-3.3	-3.2						

\* 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 STRAUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 353  
OKLAHOMA CITY, OKLAHOMA  
2 MAY 1982  
215 GMT

TIME MIN	CNTC	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WY RTO GM/KG	RH PCT	RANGE KM	AZ DG
00	9	332	974	18.1	11.1	70	2.6	-2.4	-0.9	291	313	8.5	72	0	0
01	99	99	1000	99	99	99	99	99	99	99	99	99	99	99	99
02	12	99	975	99	99	99	99	99	99	99	99	99	99	99	99
03	15	835	950	15.5	10.1	99	99	99	99	293	314	8.2	70	1	99
04	17	825	925	14.0	9.2	99	99	99	99	293	314	8.2	70	1	99
05	20	1065	875	12.2	10.5	184	3.5	0.3	-0.3	294	317	8.9	88	9	0
06	22	1322	825	10.7	8.1	274	3.5	3.5	0.3	294	317	8.9	88	9	0
07	25	1541	825	8.2	5.5	283	7.2	8.2	0.8	295	317	8.9	84	3	0
08	28	2045	800	7.1	4.5	283	6.4	5.6	3.1	287	316	8.9	83	0	0
09	30	2398	775	5.2	2.7	241	4.6	4.6	2.5	287	316	8.9	83	0	0
10	33	2574	750	3.7	1.0	225	4.0	2.9	2.8	289	314	8.9	83	0	0
11	36	2849	725	3.9	0.4	208	2.1	1.0	1.9	303	319	5.4	77	9	0
12	39	3134	700	2.3	-1.1	171	1.7	-0.3	1.7	305	318	5.4	77	9	0
13	41	3427	675	0.2	-3.3	153	1.8	-0.8	1.9	305	318	5.4	77	9	0
14	44	3720	650	-2.2	-4.5	194	2.0	0.5	0.3	307	318	5.4	77	9	0
15	47	4013	625	-4.4	-5.8	262	2.0	2.0	0.3	307	318	5.4	77	9	0
16	50	4306	600	-3.2	-4.4	343	5.9	1.0	-0.5	312	320	2.0	39	3	0
17	53	4599	575	-4.3	-7.7	5	5.9	-0.5	-0.9	315	320	1.7	34	3	0
18	56	5077	550	-7.3	-20.2	1.5	6.9	-0.2	-0.9	315	320	1.7	34	3	0
19	59	5546	525	-10.2	-22.6	3.5	7.8	2.5	-0.8	317	320	1.2	35	4	0
20	62	6015	500	-12.6	-24.1	308	8.8	5.5	-0.3	317	322	1.1	35	4	0
21	65	6484	475	-15.1	-27.0	308	8.8	6.8	-0.3	317	322	1.1	35	4	0
22	68	6953	450	-17.9	-29.8	308	8.8	7.9	-0.3	319	321	0.6	43	3	0
23	71	7422	425	-20.9	-31.9	299	10.8	9.4	-0.3	320	321	0.6	43	3	0
24	74	7891	400	-23.9	-33.6	302	14.2	12.0	-0.3	321	322	0.3	42	0	0
25	77	8360	375	-26.9	-35.2	302	15.2	13.1	-0.3	321	322	0.3	42	0	0
26	80	8829	350	-29.9	-36.8	302	14.9	12.5	-0.3	321	322	0.3	42	0	0
27	83	9298	325	-32.4	-38.4	315	13.1	9.2	-0.3	328	324	0.1	33	4	0
28	86	9767	300	-34.9	-40.0	323	11.9	7.0	-0.3	328	324	0.1	33	4	0
29	89	10236	275	-37.4	-41.9	315	13.7	9.6	-0.3	330	324	0.1	33	4	0
30	92	10705	250	-40.0	-43.9	315	15.6	10.5	-0.3	330	324	0.1	33	4	0
31	95	11174	225	-42.5	-45.9	317	17.7	11.2	-0.3	333	324	0.1	33	4	0
32	98	11643	200	-45.0	-47.9	310	14.7	10.5	-0.3	333	324	0.1	33	4	0
33	101	12112	175	-47.5	-49.9	299	16.0	16.3	-0.3	346	324	0.1	33	4	0
34	104	12581	150	-50.0	-51.9	300	18.3	15.8	-0.3	363	324	0.1	33	4	0
35	107	13050	125	-52.5	-53.9	304	15.1	15.1	-0.3	381	324	0.1	33	4	0
36	110	13519	100	-55.0	-55.9	304	17.5	11.6	-0.3	405	324	0.1	33	4	0
37	113	13988	75	-57.5	-57.9	322	3.1	4.6	-0.3	440	324	0.1	33	4	0
38	116	14457	50	-60.0	-59.9	354	3.7	3.0	-0.3	502	324	0.1	33	4	0
39	119	14926	25	-62.5	-61.9	310	3.7	2.8	-0.3	631	324	0.1	33	4	0
40	122	15395	0	-65.0	-63.9	99	99	99	99	99	99	99	99	99	99
41	125	15864	0	-67.5	-65.9	99	99	99	99	99	99	99	99	99	99
42	128	16333	0	-70.0	-67.9	99	99	99	99	99	99	99	99	99	99
43	131	16802	0	-72.5	-69.9	99	99	99	99	99	99	99	99	99	99
44	134	17271	0	-75.0	-71.9	99	99	99	99	99	99	99	99	99	99
45	137	17740	0	-77.5	-73.9	99	99	99	99	99	99	99	99	99	99
46	140	18209	0	-80.0	-75.9	99	99	99	99	99	99	99	99	99	99
47	143	18678	0	-82.5	-77.9	99	99	99	99	99	99	99	99	99	99
48	146	19147	0	-85.0	-79.9	99	99	99	99	99	99	99	99	99	99
49	149	19616	0	-87.5	-81.9	99	99	99	99	99	99	99	99	99	99
50	152	20085	0	-90.0	-83.9	99	99	99	99	99	99	99	99	99	99

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

TIME MIN	CHTCY	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00	00	392.0	976.0	15.0	12.2	90.0	2.0	-2.0	0.0	290.8	314.6	9.2	80.0	0.0	0.0
00	00	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00	00	400.0	975.0	15.7	12.3	99.9	99.9	99.9	99.9	290.9	315.1	9.3	80.3	0.0	99.9
01	06	622.1	950.0	15.0	12.5	99.9	99.9	99.9	99.9	291.3	315.6	9.7	80.7	0.0	99.9
01	06	848.4	925.0	14.5	99.9	99.9	99.9	99.9	99.9	294.1	315.6	8.1	71.9	0.0	99.9
02	03	1070.0	900.0	13.1	9.5	99.9	99.9	99.9	99.9	295.0	317.3	8.4	79.8	0.0	99.9
02	03	1316.7	875.0	11.4	8.5	248.7	2.0	0.7	0.7	295.6	317.3	8.4	79.8	0.6	205.0
04	09	1559.7	850.0	9.5	6.1	263.3	2.7	2.6	0.3	298.1	318.0	8.2	82.3	0.5	302.0
05	07	1805.0	825.0	7.1	4.1	266.1	3.5	3.5	0.2	298.2	315.6	7.2	93.3	0.4	316.0
05	07	2058.1	800.0	5.0	2.2	245.0	5.4	2.5	2.5	298.1	313.6	5.6	73.9	0.3	354.0
06	04	2318.0	775.0	3.0	1.6	230.4	7.1	5.9	4.1	299.9	315.7	5.7	76.9	0.6	29.0
07	05	2588.0	750.0	1.5	0.2	219.4	8.5	5.9	3.4	301.4	317.5	5.8	81.7	0.9	40.0
08	04	2884.2	725.0	0.2	-1.0	209.6	4.4	2.8	2.4	303.0	316.9	4.9	73.5	1.3	40.0
09	04	3148.3	700.0	0.2	-2.9	209.6	4.4	1.4	2.4	304.4	317.2	4.4	71.5	1.5	40.0
10	04	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	38.0
11	05	3742.3	650.0	-2.4	-6.4	210.2	2.3	1.3	2.3	306.3	317.0	3.7	74.0	1.8	36.0
12	07	4052.8	625.0	-4.2	-9.4	241.4	2.0	1.1	1.1	307.7	316.6	3.0	67.0	1.9	37.0
13	07	4374.7	600.0	-4.1	-19.8	269.1	2.4	2.4	0.0	311.4	315.7	1.4	29.4	2.1	44.0
15	03	4710.4	575.0	-4.6	-23.8	305.8	2.2	1.6	1.3	314.6	317.8	1.0	20.6	2.1	44.0
16	03	5058.8	550.0	-7.5	-25.5	337.1	2.8	1.1	-2.3	315.2	318.1	0.8	22.0	2.0	56.0
17	08	5418.8	525.0	-10.4	-27.3	343.0	4.4	1.3	-4.2	315.9	318.5	0.8	23.4	2.0	56.0
18	02	5782.0	500.0	-13.2	-26.0	337.0	4.4	2.5	-5.9	316.9	319.9	0.9	33.2	1.9	70.0
20	08	6161.4	475.0	-16.1	-27.6	318.5	8.1	5.4	-6.1	318.1	320.8	0.8	36.0	2.2	99.0
22	03	6586.3	450.0	-19.3	-34.6	287.7	9.2	8.2	-4.3	319.0	320.6	0.4	24.2	2.9	99.0
24	06	6998.2	425.0	-23.1	-33.4	300.7	10.4	9.0	-5.3	319.4	321.3	0.5	37.8	3.8	103.0
25	06	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	108.0
27	05	7911.6	375.0	-30.9	-40.9	309.0	15.3	11.9	-9.7	320.6	321.8	0.3	36.2	6.5	113.0
29	05	8397.7	350.0	-33.5	-47.3	328.8	13.3	6.9	-11.4	320.6	324.1	0.1	23.3	8.1	118.0
31	08	8913.6	325.0	-37.6	-52.7	335.1	11.7	4.9	-10.6	323.6	325.2	0.1	18.6	9.3	124.0
34	00	9481.0	300.0	-42.0	-58.3	327.2	12.5	7.3	-11.4	326.3	325.2	0.9	9.9	10.9	128.0
36	03	10043.4	275.0	-47.2	-64.0	326.4	13.5	6.9	-10.4	326.9	325.9	0.9	9.9	12.8	130.0
38	09	10688.3	250.0	-51.0	-68.8	333.1	11.6	5.3	-10.4	326.9	326.9	0.9	9.9	12.8	130.0
41	07	11347.2	225.0	-56.0	-74.0	329.4	14.2	7.2	-12.2	332.2	326.2	0.9	9.9	14.4	133.0
44	06	12089.5	200.0	-60.7	-79.9	310.3	14.8	11.3	-9.5	332.2	326.2	0.9	9.9	16.5	135.0
47	04	12911.8	175.0	-64.7	-84.7	301.3	18.0	16.2	-11.7	337.2	326.2	0.9	9.9	18.9	136.0
51	05	13860.5	150.0	-62.2	-89.9	305.9	20.0	16.2	-11.7	363.0	326.2	0.9	9.9	21.7	134.0
55	07	14888.1	125.0	-63.0	-94.4	309.5	18.7	14.4	-11.9	383.0	326.2	0.9	9.9	26.2	132.0
61	00	16361.3	100.0	-62.9	-99.9	309.8	14.9	11.5	-9.5	406.2	326.2	0.9	9.9	31.6	131.0
67	08	18137.0	75.0	-63.0	-99.9	312.2	7.9	5.9	-5.3	440.9	326.2	0.9	9.9	40.6	131.0
77	03	20853.7	50.0	-59.1	-99.9	338.2	4.5	1.7	-4.3	504.2	326.2	0.9	9.9	43.1	131.0
82	03	25053.3	25.0	-54.1	-99.9	166.5	3.8	-0.9	-3.6	629.4	326.2	0.9	9.9	42.8	135.0

\* 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 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STATION EXCEEDS 5 CONTACTS



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 363  
AMARILLO, TEXAS  
1 MAY 1100 GMT 1962

TIME MM	CRCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
00	18	1004.0	807.6	8.4	8.3	120.0	3.1	-2.7	1.5	291.4	311.7	7.7	93.0	0.0	0
00	00	999.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	975.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	850.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	825.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	800.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	775.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	750.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	725.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	700.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	675.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	650.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	625.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	600.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	575.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	550.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	525.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	500.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	475.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	450.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	425.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	400.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	375.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	350.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	325.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	300.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	275.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	250.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	225.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	200.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	175.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	150.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	125.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	100.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	75.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	50.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	25.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
00	00	999.0	0.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9

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





ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 363  
AMARILLO, TEXAS  
1 MAY 1982  
1700 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	LIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RAIAGE MM	AZ DG
0	18.6	1084.0	888.6	12.8	9.4	190.0	6.2	1.1	6.1	254.8	316.9	8.3	80.0	0	0
99.9	98.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	98.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	98.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	98.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	18.6	1317.2	875.0	10.5	9.6	173.8	4.5	-0.5	4.4	254.7	317.5	8.6	84.0	0	0
1.4	21.3	1558.4	850.0	8.4	8.2	187.6	3.7	0.5	3.7	265.0	316.5	8.1	86.3	0	0
2.3	23.9	1805.2	825.0	7.1	6.6	199.5	3.4	1.5	3.4	268.1	316.5	7.9	88.1	0	0
3.2	26.5	2058.6	800.0	6.2	4.7	191.2	5.0	1.0	4.9	267.7	316.0	6.7	90.0	0	0
4.0	28.0	2318.9	775.0	5.3	1.6	204.3	3.3	1.4	3.0	269.5	314.9	5.6	91.7	0	0
4.8	31.7	2588.9	750.0	4.4	1.0	225.8	3.3	2.4	2.3	301.4	316.8	5.5	78.4	1	1
5.6	35.2	2863.2	725.0	4.3	-2.2	202.3	3.4	2.3	2.5	304.2	317.1	4.3	62.7	1	1
6.8	37.0	3148.6	700.0	3.3	-3.2	176.1	4.2	1.6	3.9	308.1	318.6	4.3	62.3	1	1
7.9	39.7	3423.8	675.0	3.3	-4.7	153.1	4.3	-0.3	4.3	307.1	318.8	4.0	64.1	1	1
8.8	42.4	3745.8	650.0	1.0	-5.2	128.0	2.5	-2.4	4.0	309.8	319.2	3.1	73.0	1	1
9.8	45.1	4082.7	625.0	-2.3	-8.9	78.0	3.9	1.5	-0.5	313.4	318.0	3.1	61.1	2	2
11.0	48.0	4382.7	600.0	-5.2	-18.8	351.4	4.6	0.7	4.6	313.9	317.5	1.1	27.3	2	2
12.2	50.9	4718.9	575.0	-8.9	-29.3	322.4	4.1	2.5	-3.2	315.9	318.0	0.6	14.8	1	1
13.3	53.9	5066.6	550.0	-9.9	-29.3	289.0	3.2	3.0	-1.5	318.0	318.0	0.7	18.9	1	1
14.6	56.9	5427.8	525.0	-9.9	-30.5	319.6	1.9	1.2	-1.5	318.0	318.0	0.4	18.9	1	1
15.8	59.9	5802.9	500.0	-11.5	-34.7	359.2	2.7	0.1	-2.2	320.1	321.6	0.4	19.4	1	1
17.1	62.9	6193.5	475.0	-14.5	-35.0	333.6	2.5	0.0	-2.2	321.7	323.2	0.4	19.4	1	1
18.9	66.1	6601.2	450.0	-17.2	-35.0	308.1	3.5	2.7	-2.1	323.3	325.0	0.5	25.7	1	1
19.9	69.4	7037.6	425.0	-20.0	-37.6	320.2	3.5	3.3	-4.0	324.8	326.2	0.4	25.1	1	1
21.4	72.7	7474.3	400.0	-22.2	-41.9	303.6	6.0	5.0	-3.3	325.8	328.7	0.4	22.8	1	1
22.9	76.3	7942.9	375.0	-24.1	-41.9	303.6	8.6	7.7	-3.4	326.6	327.3	0.2	21.8	1	1
24.4	79.9	8435.8	350.0	-26.1	-46.7	296.3	8.6	5.9	-3.8	326.6	327.3	0.2	21.8	1	1
26.1	83.5	8955.9	325.0	-28.1	-46.8	296.3	10.9	9.9	-4.5	328.0	327.6	0.2	31.8	2	2
27.8	87.4	9506.7	300.0	-30.1	-48.8	300.6	11.1	9.5	-5.0	328.0	327.6	0.2	31.8	2	2
29.6	91.5	10092.3	275.0	-32.6	-48.8	300.6	12.8	12.3	-3.8	328.0	327.6	0.2	31.8	2	2
31.7	95.7	10721.5	250.0	-34.8	-48.8	286.2	13.4	13.3	-4.5	328.0	327.6	0.2	31.8	2	2
33.8	100.2	11404.3	225.0	-36.5	-48.8	286.2	13.4	13.3	-3.8	328.0	327.6	0.2	31.8	2	2
35.9	104.8	12150.8	200.0	-38.3	-48.8	286.2	13.4	13.3	-3.8	328.0	327.6	0.2	31.8	2	2
38.4	110.0	12985.0	175.0	-40.1	-48.8	286.2	13.4	13.3	-3.8	328.0	327.6	0.2	31.8	2	2
41.3	115.5	13938.0	150.0	-42.1	-48.8	286.2	13.4	13.3	-3.8	328.0	327.6	0.2	31.8	2	2
44.0	121.5	15070.0	125.0	-44.2	-48.8	286.2	13.4	13.3	-3.8	328.0	327.6	0.2	31.8	2	2
48.9	128.3	16480.8	100.0	-46.6	-48.8	294.6	13.6	15.0	-4.5	347.6	347.6	0.2	31.8	2	2
54.2	136.3	18443.8	75.0	-49.6	-48.8	294.6	13.6	15.0	-4.5	347.6	347.6	0.2	31.8	2	2
61.1	145.0	20792.1	50.0	-51.7	-48.8	313.7	13.6	12.4	-5.7	411.5	411.5	0.2	31.8	2	2
71.9	155.0	25118.9	25.0	-51.2	-48.8	312.8	13.6	2.8	-1.2	507.4	507.4	0.2	31.8	2	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 3 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL COPY  
OF POOR QUALITY

STATION NO 363  
AMARILLO, TEXAS  
1 MAY 1982  
2000 GMT

TIME M.N	CXTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	F POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00	17 5	1094 0	697 5	15 0	9 4	210 0	5 2	2 6	4 5	297 2	318 5	8 3	89 0	0 0	0 0
01	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
02	99 9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
03	99 9	99 9	950 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
04	99 9	99 9	925 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
05	99 9	99 9	900 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
06	99 9	99 9	875 0	11 9	7 9	209 0	5 8	2 7	5 1	296 8	318 8	7 7	76 2	0 2	25 0
07	25 2	1550 2	850 0	10 2	6 9	210 6	7 1	3 6	6 1	296 8	318 8	7 7	79 9	1 0	29 0
08	25 2	1798 1	825 0	8 0	6 6	214 5	6 8	3 9	5 6	297 1	317 9	7 2	93 9	1 1	31 0
09	33 4	2312 7	800 0	6 6	5 7	220 1	6 2	3 3	4 0	298 2	318 0	6 0	90 3	1 1	33 0
10	33 4	2381 2	775 0	5 5	4 0	224 7	5 0	3 3	3 5	298 7	318 0	5 5	85 8	1 1	35 0
11	33 9	2858 9	750 0	4 9	0 1	233 6	4 1	2 8	2 8	303 1	317 8	4 5	83 3	2 1	38 0
12	33 9	3144 7	725 0	3 1	-2 5	238 3	5 4	2 4	2 4	306 0	318 5	4 5	80 2	2 4	40 0
13	44 3	3428 6	700 0	1 2	-4 2	240 6	4 8	2 4	2 9	307 0	319 1	4 2	77 0	2 6	42 0
14	47 2	3741 5	675 0	0 0	-5 3	180 6	3 0	-3 2	1 3	307 9	317 7	2 1	72 3	2 6	44 0
15	50 1	4054 4	650 0	-1 0	-8 0	112 5	3 7	-3 2	-2 8	312 8	318 9	2 0	68 1	2 4	46 0
16	53 1	4379 1	625 0	-2 9	-15 1	86 1	3 4	-2 0	-4 1	314 8	319 5	1 7	63 9	2 1	48 0
17	56 1	4715 1	600 0	-5 1	-17 2	38 4	4 4	-0 6	-3 5	317 1	320 1	0 9	58 6	1 8	50 0
18	59 3	5062 6	575 0	-7 8	-20 2	341 5	3 3	2 6	-2 1	319 3	321 4	0 8	54 7	1 7	52 0
19	62 4	5423 5	550 0	-9 4	-25 7	309 7	2 1	2 2	-1 0	321 1	323 8	0 7	50 0	1 8	54 0
20	65 6	5798 3	525 0	-13 7	-29 9	284 7	2 4	2 7	-0 3	323 8	324 5	0 5	46 3	2 4	56 0
21	68 8	6191 3	475 0	-18 8	-33 3	264 7	3 7	3 5	1 2	324 8	324 8	0 4	42 8	2 4	58 0
22	72 3	6598 8	450 0	-23 6	-37 6	251 0	6 0	6 0	-0 7	326 3	325 8	0 4	38 2	2 8	60 0
23	75 7	7072 2	400 0	-28 6	-41 9	270 0	7 6	7 4	0 7	324 7	325 8	0 4	34 4	3 4	62 0
24	79 3	7547 2	375 0	-33 6	-46 0	280 1	9 3	9 0	-2 3	324 7	327 0	0 3	30 0	4 2	64 0
25	83 0	8031 7	350 0	-38 6	-50 9	284 4	11 1	10 4	-4 7	325 9	327 0	0 3	26 0	5 2	66 0
26	86 5	8501 2	325 0	-43 6	-55 0	284 4	13 4	12 2	-4 7	325 9	327 0	0 3	22 0	6 2	68 0
27	90 5	8971 4	300 0	-48 0	-59 9	293 4	15 8	14 6	-4 7	327 3	329 9	0 3	18 0	7 2	70 0
28	94 7	9441 2	275 0	-53 0	-64 8	293 4	18 1	16 9	-2 3	329 1	329 9	0 3	14 0	8 2	72 0
29	99 0	10000 0	250 0	-58 0	-69 8	290 5	20 5	18 7	-2 3	331 7	329 9	0 3	10 0	9 2	74 0
30	103 6	10715 6	225 0	-63 0	-74 7	279 5	22 2	20 4	-2 3	331 7	329 9	0 3	6 0	10 2	76 0
31	108 5	11395 6	200 0	-68 0	-79 6	287 5	24 7	22 7	-4 0	333 7	329 9	0 3	2 0	11 2	78 0
32	113 8	12143 1	175 0	-73 0	-84 5	301 1	27 0	25 0	-6 5	340 9	329 9	0 3	0 0	12 2	80 0
33	118 5	12874 9	150 0	-78 0	-89 4	288 0	29 4	27 3	-6 5	347 0	329 9	0 3	0 0	13 2	82 0
34	123 3	13630 3	125 0	-83 0	-94 3	292 4	31 8	29 6	-6 4	355 1	329 9	0 3	0 0	14 2	84 0
35	128 0	14445 2	100 0	-88 0	-99 3	297 5	34 2	32 0	-5 6	363 0	329 9	0 3	0 0	15 2	86 0
36	132 3	15261 9	75 0	-93 0	-104 2	297 5	36 6	34 4	-7 0	371 8	329 9	0 3	0 0	16 2	88 0
37	137 5	16124 5	50 0	-98 0	-109 1	308 7	39 0	36 6	-7 0	380 7	329 9	0 3	0 0	17 2	90 0
38	142 5	17025 2	25 0	-103 0	-114 0	329 9	41 4	39 0	-2 5	407 8	329 9	0 3	0 0	18 2	92 0
39	147 5	20758 1	25 0	-108 0	-119 0	329 9	43 8	41 4	-2 5	457 0	329 9	0 3	0 0	19 2	94 0
40	152 5	25197 6	25 0	-114 0	-124 0	329 9	46 2	43 8	-2 5	507 0	329 9	0 3	0 0	20 2	96 0

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

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 363  
AMARILLO, TEXAS  
1 MAY 2300 GMT 1982

TIME MIN	CHGT .	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0 0	17 2	1094 0	996 0	15 0	9 5	170 0	8 2	-1 4	9 1	298 0	320 5	8 4	67 0	0 0	0 0
00 0	00 0	99 0	1000 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	975 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	950 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	925 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	900 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	875 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	850 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	825 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	800 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	775 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	750 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	725 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	700 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	675 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	650 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	625 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	600 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	575 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	550 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	525 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	500 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	475 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	450 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	425 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	400 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	375 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	350 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	325 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	300 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	275 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	250 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	225 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	200 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	175 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	150 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	125 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	100 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	75 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	50 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	25 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0
00 0	00 0	99 0	0 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0	99 0

\* BY SPEED 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 363  
AMARILLO, TEXAS  
2 MAY 200 GMT 1982

TIME M:N	CHTCT	HEIGHT GPM	PRES MB	TEMP JG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POI T DG K	F FOT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DC
00	17	1094	895	10.6	8.9	150	4.1	-2.1	3.6	292	314	8	89	0	0
00	19	999	1000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
00	22	999	975	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
00	27	999	950	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
00	30	999	925	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
00	33	999	900	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
00	36	1287	875	11.6	9.4	180	7.2	-2.4	5.6	295	318	8	86	0	331
01	39	1529	850	10.1	8.9	185	7.1	0.6	7.0	296	319	5	85	0	340
01	42	1777	825	8.4	7.5	203	9.0	3.5	8.3	297	318	7	83	0	354
01	45	2031	800	6.3	5.4	207	7.8	3.6	8.9	297	317	2	81	0	354
01	48	2293	775	7.6	7.8	199	5.4	1.8	5.1	302	317	4	85	0	17
01	51	2563	750	6.0	1.4	210	4.3	2.2	3.7	303	316	6	80	0	19
01	54	2840	725	4.2	-1.1	215	4.4	2.7	3.4	304	316	3	60	0	12
01	57	3125	700	3.0	-4.6	197	5.4	1.3	4.2	305	317	2	57	0	13
01	00	3418	675	1.7	-8.7	174	5.3	-0.3	3.5	307	316	3	46	1	11
01	03	3723	650	0.2	-12.8	120	6.2	-1.8	2.2	309	316	2	35	3	13
01	06	4037	625	-1.5	-13.7	120	6.2	-2.5	1.0	310	317	2	28	0	11
01	09	4361	600	-3.0	-17.3	30	3.2	-2.4	-2.0	312	317	1	20	0	9
01	12	4697	575	-5.0	-24.5	17	6.3	-1.4	-4.3	314	317	0	10	0	6
01	15	5044	550	-7.6	-35.2	17	6.3	-2.4	-4.3	314	317	1	0	0	4
01	18	5406	525	-9.0	-45.2	32	5.5	-0.6	-3.2	315	317	0	0	0	3
01	21	5791	500	-12.5	-57.2	32	5.5	0.8	-1.1	317	317	0	0	0	3
01	24	6170	475	-15.5	-70.6	250	3.1	0.8	0.3	317	319	0	0	0	3
01	27	6599	450	-18.7	-82.6	248	1.8	0.7	0.7	318	320	0	0	0	3
01	30	7042	425	-22.0	-92.4	315	4.9	3.3	-1.4	319	322	0	0	0	12
01	33	7505	400	-25.2	-104.2	300	4.9	4.9	-3.5	320	322	0	0	0	23
01	36	7992	375	-28.5	-117.6	294	7.1	6.4	-2.9	321	322	0	0	0	38
01	39	8505	350	-31.5	-131.4	293	8.0	7.3	-3.2	322	323	0	0	0	53
01	42	9050	325	-34.7	-144.4	289	8.0	9.5	-3.3	323	323	0	0	0	69
01	45	9650	300	-38.7	-157.5	287	8.0	10.3	-3.3	323	323	0	0	0	80
01	48	10322	275	-42.3	-170.9	305	9.1	17.5	-5.3	325	323	0	0	0	88
01	51	10957	250	-47.3	-183.9	287	8.0	8.1	-2.5	326	323	0	0	0	96
01	54	11537	225	-51.4	-200.9	288	8.0	8.7	-3.0	326	323	0	0	0	100
01	57	12176	200	-55.4	-215.4	287	3.1	13.2	-4.1	326	323	0	0	0	101
01	00	12801	175	-61.0	-230.9	284	3.1	15.8	-4.1	326	323	0	0	0	102
01	03	13501	150	-63.3	-245.9	295	17.4	17.6	-7.1	345	323	0	0	0	106
01	06	14274	125	-62.8	-258.9	303	16.9	14.2	-8.5	381	323	0	0	0	106
01	09	15054	100	-63.5	-270.9	308	11.4	9.0	-9.2	404	323	0	0	0	111
01	12	16343	75	-64.0	-281.4	331	7.3	3.4	-10.4	437	323	0	0	0	113
01	15	18105	50	-64.5	-295.9	53	4.6	-6.4	-10.4	500	323	0	0	0	117
01	18	20004	25	-60.7	-270.9	24	3.5	-2.2	-4.1	623	323	0	0	0	126
01	21	24974	2	-56.0	-245.9	53	4.6	-2.8	-4.1	623	323	0	0	0	126

\* 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 19  
OF 100R QUALITY

STATION NO 383  
AMARILLO, TEXAS  
2 MAY 1982  
500 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 RTG 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 0
0 9	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 9	99 9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 9	99 9	99 9	950 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 9	99 9	99 9	925 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 9	99 9	99 9	900 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 8	23 0	1292 6	875 0	10 2	10 0	188 4	12 9	-2 6	12 6	294 4	317 9	8 9	98 5	0 6	339
1 0	25 8	1534 4	825 0	8 7	8 2	197 8	11 0	1 2	8 9	296 6	320 6	8 3	98 4	1 2	347
2 0	28 6	2037 6	800 0	7 8	4 2	201 8	6 9	2 6	6 4	299 5	317 4	6 5	98 8	1 7	356
3 5	31 4	2299 8	775 0	7 9	-1 5	227 8	4 2	2 2	4 1	302 4	316 3	4 6	98 2	2 4	4 4
4 5	34 3	2569 8	750 0	6 3	-3 6	216 6	2 9	2 2	2 0	303 4	316 5	4 6	98 9	2 6	6 6
5 5	37 1	2847 1	725 0	4 7	-4 2	193 5	3 2	1 9	2 8	304 7	317 4	4 0	98 7	3 0	10 9
6 5	40 0	3132 3	700 0	3 0	-4 2	193 5	3 8	0 9	3 7	305 8	317 4	4 0	98 9	3 2	9 9
7 6	43 0	3426 5	675 0	3 0	-14 1	174 1	3 0	-0 3	3 0	309 9	316 3	2 1	98 2	3 4	8 9
8 7	46 0	3731 1	650 0	0 8	-13 6	143 4	2 1	-1 2	1 7	311 0	317 2	2 0	98 9	3 4	6 6
9 9	49 0	4045 0	625 0	-1 2	-14 4	94 7	1 8	-1 8	0 9	312 7	315 6	2 0	98 9	3 4	4 4
11 0	52 0	4389 7	600 0	-3 0	-24 1	89 4	2 5	-2 3	-0 9	314 4	315 6	0 9	98 9	3 3	3 3
12 2	55 1	4705 7	575 0	-4 8	-24 6	55 4	2 6	-2 3	-1 5	315 0	317 4	0 9	98 9	3 3	3 3
13 4	58 3	5053 5	550 0	-7 6	-25 5	64 3	2 6	-2 4	-1 1	315 0	319 9	1 1	98 9	3 1	358
16 0	61 5	5413 9	525 0	-10 2	-22 9	72 3	1 7	-1 6	-0 5	318 2	319 9	1 1	98 9	3 1	353
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	98 9	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	98 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	98 9	3 2	358
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 5	98 9	3 1	0 7
24 0	78 7	7445 7	400 0	-25 9	-34 7	288 1	5 2	4 9	-0 9	321 3	323 0	0 5	98 9	3 0	20
25 7	82 5	7909 2	375 0	-30 2	-39 1	277 5	7 0	6 9	-2 8	321 8	323 4	0 2	98 9	3 2	35
27 6	86 3	8395 7	350 0	-34 1	-46 3	292 4	7 3	6 8	-4 8	322 8	323 4	0 2	98 9	3 2	35
29 6	90 3	8910 1	325 0	-38 1	-50 9	301 1	9 3	7 9	-5 2	324 2	323 4	0 2	98 9	3 4	51
31 5	94 3	9458 1	300 0	-42 6	-55 7	308 2	8 4	6 6	-5 2	325 3	323 4	0 2	98 9	3 6	67
33 7	98 7	10038 0	275 0	-46 7	-60 2	297 3	8 0	6 6	-3 7	327 6	323 4	0 2	98 9	4 5	78
36 2	103 2	10665 4	250 0	-50 7	-65 2	289 4	8 6	7 5	-4 2	327 6	323 4	0 2	98 9	5 5	86
38 8	107 6	11344 8	225 0	-55 7	-69 9	289 4	8 6	7 5	-4 2	327 6	323 4	0 2	98 9	7 0	92
41 5	112 8	12085 2	200 0	-60 9	-74 6	292 6	12 4	11 4	-4 6	333 2	323 4	0 2	98 9	8 9	97
44 4	118 0	12909 0	175 0	-63 8	-79 9	295 0	16 4	14 9	-5 2	336 3	323 4	0 2	98 9	11 5	100
48 1	124 0	13857 9	150 0	-62 6	-83 8	298 2	17 2	15 2	-6 9	344 7	323 4	0 2	98 9	15 0	105
52 2	130 2	14978 6	125 0	-64 5	-89 9	301 8	15 8	13 4	-8 1	362 2	323 4	0 2	98 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	323 4	0 2	98 9	22 9	111
63 2	144 7	18104 2	75 0	-61 5	-99 9	324 9	5 4	3 1	-4 4	438 2	323 4	0 2	98 9	25 4	113
71 5	151 7	20600 9	50 0	-61 5	-99 9	141 0	4 6	2 9	-3 6	498 6	323 4	0 2	98 9	26 4	114
84 8	161 7	24988 3	25 0	-53 1	-99 9	188 7	4 4	0 7	-4 3	632 4	323 4	0 2	98 9	23 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 363  
AMARILLO, TEXAS  
2 MAY 1962  
1105 CNT

TIME MIN	CNTG*	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT 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 RTG GM/XG	RH PCT	RANGE KM	AZ DG
00	17	1094	855	11	10	210	5	2	4	293	316	8	93	0	0
01	22	999	1000	99	99	99	99	99	99	99	99	99	99	99	99
02	22	999	975	99	99	99	99	99	99	99	99	99	99	99	99
03	22	999	950	99	99	99	99	99	99	99	99	99	99	99	99
04	22	999	925	99	99	99	99	99	99	99	99	99	99	99	99
05	19	1288	875	97	93	215	8	7	9	293	316	8	97	0	0
06	21	1529	850	91	77	202	3	8	9	293	316	7	91	0	0
07	24	1776	825	79	60	197	3	7	9	293	316	7	88	1	3
08	27	2030	800	62	55	209	1	3	6	297	317	7	85	4	2
09	29	2291	775	65	15	202	2	3	2	300	318	5	70	5	2
10	32	2560	750	63	13	142	2	1	3	303	318	5	58	3	2
11	35	2837	725	43	13	144	7	1	8	304	315	4	56	1	2
12	37	3122	700	28	13	161	0	2	3	305	316	4	55	0	2
13	40	3416	675	17	12	175	5	0	2	307	314	3	55	2	1
14	43	3720	650	6	12	127	2	1	0	309	315	2	55	2	1
15	46	4033	625	0	14	200	2	0	0	312	315	1	55	2	1
16	49	4357	600	0	17	236	6	0	0	314	315	0	55	2	1
17	52	4693	575	0	20	195	0	1	8	317	315	0	55	2	1
18	55	5041	550	0	27	173	4	0	2	315	317	0	56	1	2
19	58	5402	525	0	33	180	4	2	8	317	319	0	56	1	2
20	61	5778	500	0	38	225	6	2	3	319	321	0	56	1	2
21	64	6168	475	0	42	270	7	2	8	320	322	0	56	1	2
22	67	6574	450	0	45	249	7	4	3	321	322	0	56	1	2
23	70	6997	425	0	48	301	4	4	3	323	324	0	56	1	2
24	73	7440	400	0	49	279	9	3	3	324	324	0	56	1	2
25	77	7906	375	0	49	254	3	3	3	326	326	0	56	1	2
26	81	8395	350	0	49	257	9	2	4	327	327	0	56	1	2
27	85	8912	325	0	49	257	9	2	4	327	327	0	56	1	2
28	89	9461	300	0	47	302	3	2	0	327	327	0	56	1	2
29	93	10045	275	0	45	302	9	2	0	331	327	0	56	1	2
30	97	10672	250	0	40	291	0	3	5	331	327	0	56	1	2
31	101	11352	225	0	35	286	7	2	6	333	327	0	56	1	2
32	106	12094	200	0	30	282	4	0	8	335	327	0	56	1	2
33	111	12919	175	0	25	283	0	10	1	335	327	0	56	1	2
34	116	13872	150	0	20	283	0	12	2	335	327	0	56	1	2
35	121	14995	125	0	15	298	3	11	6	335	327	0	56	1	2
36	127	16361	100	0	10	306	2	9	3	335	327	0	56	1	2
37	133	17831	75	0	5	336	6	2	4	335	327	0	56	1	2
38	139	19426	50	0	0	341	1	1	8	335	327	0	56	1	2
39	145	21153	25	0	0	341	1	1	8	335	327	0	56	1	2
40	151	23062	0	0	0	341	1	1	8	335	327	0	56	1	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

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 365  
ALBUQUERQUE, NEW MEXICO  
1 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	
00	22	1819	841.7	10.2	5.0	80	4	0	0	297.7	315.5	5	70	0	0	
01	99	99	1000	99.9	99.9	99	99	99	99	99.9	999.9	99	99	9	99	
02	99	99	975	99.9	99.9	99	99	99	99	99.9	999.9	99	99	9	99	
03	99	99	950	99.9	99.9	99	99	99	99	99.9	999.9	99	99	9	99	
04	99	99	925	99.9	99.9	99	99	99	99	99.9	999.9	99	99	9	99	
05	99	99	900	99.9	99.9	99	99	99	99	99.9	999.9	99	99	9	99	
06	99	99	875	99.9	99.9	99	99	99	99	99.9	999.9	99	99	9	99	
07	99	99	850	99.9	99.9	99	99	99	99	99.9	999.9	99	99	9	99	
08	24	1785.4	825	8.6	4.0	99	99	99	99	297.7	314.7	6.2	72	8	99	
09	26	2038.7	800	7.0	3.3	99	99	99	99	298.7	315.4	6.1	77	3	99	
10	28	2300.2	775	5.7	2.6	345	8	0	0	299.7	318.3	6.8	92	7	99	
11	33	2567.9	750	3.1	1.0	138	3	0	0	300.0	317.0	6.7	96	1	99	
12	34	2843.4	725	4.3	1.0	189	7	0	0	304.2	320.3	5.7	79	2	99	
13	37	3129.1	700	3.4	-3.0	219	4	0	0	306.3	319.0	4.4	62	9	99	
14	40	3423.4	675	1.6	-4.0	269	1	0	0	307.4	320.0	4.2	66	4	99	
15	43	3726.8	650	0.2	-5.6	259	8	0	0	308.7	320.0	3.9	86	9	99	
16	46	4040.3	625	-1.5	-9.2	214	1	0	0	311.5	320.0	3.7	55	7	99	
17	48	4364.4	600	-4.0	-12.3	194	8	0	0	312.3	320.7	2.6	63	2	99	
18	51	4698.8	575	-6.6	-13.8	195	6	0	0	313.3	320.7	2.4	68	2	99	
19	54	5044.7	550	-9.1	-17.4	213	5	0	0	315.2	321.0	1.9	59	1	99	
20	57	5403.5	525	-11.0	-19.5	264	6	0	0	317.3	322.5	1.6	57	7	99	
21	61	5777.4	500	-12.8	-20.3	283	4	0	0	318.2	322.3	1.6	69	6	99	
22	64	6166.5	475	-16.0	-31.1	284	5	0	0	320.1	322.2	0.6	72	0	99	
23	67	6572.0	450	-18.5	-35.7	281	3	0	0	321.1	322.5	0.4	68	0	99	
24	70	6995.9	425	-21.8	-38.8	28	2	0	0	322.0	324.6	0.7	60	0	99	
25	74	7439.2	400	-25.3	-34.0	243	0	0	0	323.0	325.0	0.6	62	3	99	
26	77	7904.3	375	-29.2	-39.5	239	8	0	0	324.2	325.4	0.4	52	7	99	
27	81	8393.5	350	-33.1	-44.3	248	1	0	0	325.2	326.0	0.2	48	0	99	
28	85	8910.1	325	-37.4	-49.9	257	5	0	0	325.8	999.9	99	99	9	99	
29	89	9457.4	300	-42.3	-55.9	263	4	0	0	327.4	999.9	99	99	9	99	
30	93	10039.9	275	-46.8	-61.4	15	6	0	0	328.9	999.9	99	99	9	99	
31	97	10664.6	250	-51.9	-68.6	269	4	0	0	332.0	999.9	99	99	9	99	
32	102	11340.6	225	-56.0	-76.9	282	6	0	0	333.3	999.9	99	99	9	99	
33	107	12082.5	200	-59.0	-84.1	287	8	0	0	334.2	999.9	99	99	9	99	
34	112	12809.5	175	-64.1	-93.8	287	3	0	0	364.2	999.9	99	99	9	99	
35	116	13661.4	150	-68.5	-103.2	290	2	0	0	378.2	999.9	99	99	9	99	
36	121	14581.0	125	-73.5	-113.9	284	4	0	0	405.3	999.9	99	99	9	99	
37	124	14981.0	100	-78.4	-122.2	285	7	0	0	441.3	999.9	99	99	9	99	
38	131	16357.9	75	-83.4	-133.9	310	9	0	0	504.8	999.9	99	99	9	99	
39	139	18120.9	50	-88.8	-150.0	359	6	0	0	638.4	999.9	99	99	9	99	
40	148	20641.4	25	-95.9	-173.3	23	9	0	0							
41	157	25070.4	25	-101.0	-239											

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN U AND V LEG  
 \*\* 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 FILED  
OF POOR QUALITY

STATION NO 385  
ALBUQUERQUE, NEW MEXICO

1 MAY 1982  
1415 GMT

146 11 C

TIME MIN	CNTCT	MLIGHT G.M	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT I DG K	MX FLD 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	0.0
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	26.1	1792.6	825.0	9.3	3.7	85.7	4.1	-4.1	0.3	298.5	315.1	6.2	67.8	0.1	288.8
1.1	28.6	2047.3	800.0	6.6	3.4	85.5	2.2	-2.0	0.3	298.5	315.1	6.2	67.8	0.1	288.8
2.0	31.6	2307.6	775.0	5.0	3.6	299.6	0.9	0.8	0.5	299.2	317.1	6.5	92.0	0.2	262.2
2.8	34.4	2575.3	750.0	4.3	2.6	219.4	2.0	1.3	1.6	301.2	318.7	6.5	91.8	0.2	314.4
3.7	37.2	2851.3	725.0	2.9	1.7	209.4	2.0	1.0	1.6	302.7	318.5	6.0	91.5	0.2	352.2
4.6	40.1	3136.0	700.0	1.3	-1.5	208.3	3.0	1.4	2.6	305.6	319.7	4.9	73.5	0.4	352.2
5.6	43.1	3429.9	675.0	0.1	-3.4	275.8	1.9	1.9	-0.2	307.1	320.8	4.4	70.9	0.4	24.4
6.6	46.0	3733.5	650.0	0.1	-5.2	304.9	2.4	2.0	-0.2	309.1	320.4	4.0	67.4	0.3	24.4
7.5	49.0	4046.8	625.0	-2.0	-7.8	278.2	1.6	1.6	0.2	310.2	320.4	3.8	64.2	0.4	47.4
8.6	52.1	4370.7	600.0	-3.9	-10.6	192.9	2.5	1.6	2.4	311.6	320.2	2.8	59.6	0.4	31.3
9.8	55.1	4705.4	575.0	-6.3	-15.4	220.4	1.9	1.2	2.4	313.6	320.2	2.0	56.3	0.6	33.3
11.0	58.3	5051.6	550.0	-8.8	-18.4	281.9	1.1	1.1	1.4	314.6	321.2	2.0	56.3	0.6	33.3
12.2	61.5	5410.6	525.0	-11.3	-22.6	211.9	3.5	1.1	1.7	315.3	322.2	2.0	56.5	0.7	47.4
13.3	64.7	5793.1	500.0	-14.5	-27.1	211.9	3.5	1.1	1.7	316.8	322.2	1.1	54.7	1.0	47.4
14.6	68.1	6170.4	475.0	-18.6	-32.5	277.3	6.1	3.7	4.9	319.8	323.3	0.9	54.7	1.0	47.4
15.9	71.5	6575.9	450.0	-23.3	-37.2	243.0	6.2	4.2	4.5	320.4	323.0	0.4	54.7	1.0	47.4
17.3	75.0	6999.0	425.0	-28.7	-42.5	240.4	6.4	5.6	3.2	321.6	323.0	0.4	54.7	1.0	47.4
18.7	78.6	7441.7	400.0	-34.0	-47.7	245.9	7.4	6.7	3.0	322.8	323.4	0.3	54.7	1.0	47.4
20.2	82.2	7895.7	375.0	-39.7	-52.5	259.2	9.9	9.6	2.4	324.8	323.7	0.3	54.7	1.0	47.4
21.7	85.9	8393.4	350.0	-45.0	-57.8	267.0	10.5	10.5	0.9	326.5	325.2	0.2	54.7	1.0	47.4
23.4	89.9	8908.5	325.0	-51.8	-62.7	268.0	13.4	13.4	0.8	328.5	325.9	0.2	54.7	1.0	47.4
25.4	94.0	9455.1	300.0	-57.3	-67.9	268.0	14.4	14.4	0.8	328.5	325.9	0.2	54.7	1.0	47.4
27.3	98.3	10038.1	275.0	-62.0	-72.7	271.7	14.4	14.4	0.8	328.5	325.9	0.2	54.7	1.0	47.4
29.4	102.6	10661.7	250.0	-65.7	-77.3	273.2	12.3	12.3	0.8	328.5	325.9	0.2	54.7	1.0	47.4
31.5	107.4	11338.0	225.0	-69.5	-82.0	281.2	9.3	9.3	2.5	333.3	325.9	0.2	54.7	1.0	47.4
33.6	112.4	12082.4	200.0	-73.5	-86.8	285.6	6.3	6.3	2.7	338.3	325.9	0.2	54.7	1.0	47.4
35.7	117.6	12906.5	175.0	-77.7	-91.8	292.3	3.3	3.3	2.6	345.1	325.9	0.2	54.7	1.0	47.4
37.9	123.7	13862.7	150.0	-82.1	-96.9	298.2	15.6	15.6	2.6	363.3	325.9	0.2	54.7	1.0	47.4
40.0	130.0	14992.0	125.0	-86.1	-102.1	301.7	10.3	10.3	2.6	382.6	325.9	0.2	54.7	1.0	47.4
42.1	137.3	16372.4	100.0	-90.4	-107.4	301.7	5.9	5.9	2.6	408.2	325.9	0.2	54.7	1.0	47.4
44.2	145.3	18150.5	75.0	-95.1	-112.9	317.4	4.0	4.0	2.6	444.1	325.9	0.2	54.7	1.0	47.4
46.3	154.4	20673.9	50.0	-99.8	-118.9	338.3	4.0	4.0	2.6	502.6	325.9	0.2	54.7	1.0	47.4
48.4	164.0	25104.2	25.0	-105.9	-125.9	99.9	99.9	99.9	99.9	635.5	325.9	0.2	54.7	1.0	47.4

\* 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 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO 365  
ALBUQUERQUE NEW MEXICO  
1 MAY 1982  
1715 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	MK 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
0 9	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 9	99 9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 9	99 9	99 9	950 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 9	99 9	99 9	925 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 9	99 9	99 9	900 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 9	99 9	99 9	875 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 9	99 9	99 9	850 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 9	99 9	1790 6	825 0	11 7	4 5	283 9	1 5	1 4	-0 6	301 0	318 8	6 4	61 1	0 1	105
0 4	24 9	2053 3	900 0	9 2	4 2	289 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	284 2	1 6	1 1	0 0	301 0	318 9	6 5	83 7	0 2	109
2 8	33 0	2584 4	750 0	4 3	3 7	182 3	1 6	1 1	1 6	301 3	319 3	6 7	95 6	0 2	82
3 9	35 8	2860 2	725 0	3 3	1 3	210 3	1 1	1 9	1 9	303 5	321 3	5 6	87 0	0 3	60
5 0	38 7	3145 3	700 0	2 7	0 1	208 1	1 1	2 1	2 1	305 5	321 3	5 5	82 9	0 5	54
5 9	41 4	3438 6	675 0	1 5	-3 8	85 8	0 3	-0 1	-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	1 0	311 7	321 8	3 1	64 2	0 3	77
10 4	53 1	4714 9	575 0	-6 2	-10 6	147 4	1 5	-0 5	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 0	1 3	314 1	322 9	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 6	315 8	322 5	1 4	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	319 1	322 8	1 1	47 8	0 6	31
15 5	65 6	6186 0	475 0	-15 2	-24 5	206 3	2 4	2 4	4 8	320 4	322 5	0 6	44 8	0 4	30
17 0	69 0	6592 3	450 0	-18 1	-31 7	225 9	5 1	3 6	3 6	321 1	322 5	0 3	39 1	0 4	27
18 6	72 4	7017 2	425 0	-21 3	-38 4	243 2	3 9	3 9	3 0	322 8	322 8	0 2	29 1	0 1	24
20 9	75 9	7460 9	400 0	-25 0	-43 6	243 2	4 2	2 0	2 0	322 2	323 1	0 2	20 2	0 1	21
21 7	78 4	7928 4	375 0	-29 0	-48 1	253 2	7 0	6 7	2 9	323 3	324 0	0 2	22 9	0 1	18
23 4	81 1	8415 4	350 0	-33 0	-50 0	264 0	8 4	6 4	0 9	324 8	324 8	0 2	25 1	0 1	15
25 1	87 0	8932 2	325 0	-37 4	-50 0	262 3	9 1	4 4	1 2	325 2	325 0	0 1	25 1	0 2	11
27 0	91 0	9480 2	300 0	-41 6	-50 9	259 3	9 0	2 4	1 2	326 7	325 9	99 9	99 9	0 4	69
28 1	95 2	10064 7	275 0	-46 5	-50 9	267 9	13 8	1 8	1 8	327 9	325 9	99 9	99 9	0 6	69
31 2	99 4	10690 3	250 0	-51 3	-50 9	287 9	13 6	0 5	0 5	329 8	325 9	99 9	99 9	0 7	75
33 5	104 0	11369 9	225 0	-54 4	-50 9	280 0	9 3	-1 6	-1 6	335 1	325 9	99 9	99 9	0 8	72
38 8	108 8	12115 6	200 0	-59 4	-59 9	272 6	8 9	8 9	-0 4	338 8	325 9	99 9	99 9	0 8	72
42 9	114 0	12945 6	175 0	-61 9	-61 9	273 1	12 6	12 6	-0 7	347 8	325 9	99 9	99 9	0 8	87
45 9	119 5	13904 4	150 0	-60 6	-60 9	268 3	16 5	16 3	-2 4	366 5	325 9	99 9	99 9	0 8	87
50 4	125 7	15042 1	125 0	-62 0	-62 0	288 3	14 7	14 0	-4 6	385 2	325 9	99 9	99 9	0 8	87
55 6	132 7	16426 7	100 0	-62 8	-62 8	292 6	10 1	9 3	-3 9	407 9	325 9	99 9	99 9	0 8	87
58 2	141 0	18199 0	75 0	-62 8	-62 8	352 5	4 5	0 6	-4 5	441 2	325 9	99 9	99 9	0 8	87
62 6	150 5	20733 2	50 0	-50 5	-50 9	189 3	3 9	-3 9	-0 0	503 3	325 9	99 9	99 9	0 8	87
67 8	160 5	25174 3	25 0	-50 5	-50 9	130 1	3 2	-3 2	-0 1	539 9	325 9	99 9	99 9	0 8	87

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN S AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME MAY BE INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRAIGHT EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY





ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 365  
ALBUQUERQUE, NEW MEXICO  
2 MAY 1982  
215 GMT

TIME MIN	CHTCY	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	POT Y DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00	00	1618	837.7	19.4	3.2	99.9	99.9	99.9	99.9	307.8	307.8	324.3	5.8	34	0	0
01	00	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02	00	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03	00	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04	00	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05	00	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
06	00	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
07	00	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
08	00	1750	825.0	18.4	2.2	99.9	99.9	99.9	99.9	308.0	308.0	323.7	5.4	33.8	0	0
09	00	2012	800.0	18.0	1.4	207.8	99.9	99.9	99.9	308.2	308.2	323.5	5.3	37.1	0	0
10	00	2281	775.0	13.5	0.9	186.2	99.9	99.9	99.9	308.3	308.3	323.5	5.3	42.3	1	1
11	00	2556	750.0	11.0	0.5	172.8	99.9	99.9	99.9	308.5	308.5	323.8	5.3	48.2	1	1
12	00	2838	725.0	8.9	0.2	158.0	99.9	99.9	99.9	309.2	309.2	324.9	5.4	54.2	1	1
13	00	3127	700.0	8.1	-0.2	147.9	99.9	99.9	99.9	309.3	309.3	324.8	5.4	64.3	2	2
14	00	3424	675.0	3.3	-0.9	137.9	99.9	99.9	99.9	309.7	309.7	325.1	5.3	73.8	2	2
15	00	3720	650.0	0.8	-1.4	125.3	99.9	99.9	99.9	310.5	310.5	325.9	5.3	85.5	2	2
16	00	4017	625.0	-1.7	-2.0	111.1	99.9	99.9	99.9	311.1	311.1	326.9	4.6	96.0	2	2
17	00	4307	600.0	-4.4	-3.6	95.0	99.9	99.9	99.9	311.1	311.1	327.9	4.0	104.5	2	2
18	00	4597	575.0	-7.0	-6.4	77.0	99.9	99.9	99.9	311.1	311.1	328.9	2.9	116.0	2	2
19	00	4882	550.0	-9.8	-9.2	58.0	99.9	99.9	99.9	311.1	311.1	329.9	2.1	129.7	2	2
20	00	5166	525.0	-12.8	-12.3	38.0	99.9	99.9	99.9	311.1	311.1	330.9	1.5	145.7	2	2
21	00	5451	500.0	-15.8	-15.3	18.0	99.9	99.9	99.9	311.1	311.1	331.9	1.0	164.7	2	2
22	00	5735	475.0	-18.8	-18.4	231.6	99.9	99.9	99.9	316.5	316.5	335.5	1.9	186.0	2	2
23	00	6020	450.0	-21.8	-21.4	244.5	99.9	99.9	99.9	317.4	317.4	336.5	1.5	209.7	2	2
24	00	6305	425.0	-24.8	-24.4	231.0	99.9	99.9	99.9	319.4	319.4	337.5	1.0	236.5	2	2
25	00	6590	400.0	-27.8	-27.4	240.1	99.9	99.9	99.9	320.9	320.9	338.5	0.7	267.5	2	2
26	00	6875	375.0	-30.8	-30.4	240.1	99.9	99.9	99.9	322.9	322.9	339.5	0.5	301.5	2	2
27	00	7160	350.0	-33.8	-33.4	272.2	99.9	99.9	99.9	324.9	324.9	340.5	0.4	337.5	2	2
28	00	7445	325.0	-36.8	-36.4	270.1	99.9	99.9	99.9	326.9	326.9	341.5	0.3	375.5	2	2
29	00	7730	300.0	-39.8	-39.4	268.8	99.9	99.9	99.9	328.9	328.9	342.5	0.2	415.5	2	2
30	00	8015	275.0	-42.8	-42.4	262.7	99.9	99.9	99.9	330.9	330.9	343.5	0.2	457.5	2	2
31	00	8300	250.0	-45.8	-45.4	262.7	99.9	99.9	99.9	332.9	332.9	344.5	0.2	501.5	2	2
32	00	8585	225.0	-48.8	-48.4	262.7	99.9	99.9	99.9	334.9	334.9	345.5	0.2	547.5	2	2
33	00	8870	200.0	-51.8	-51.4	262.7	99.9	99.9	99.9	336.9	336.9	346.5	0.2	595.5	2	2
34	00	9155	175.0	-54.8	-54.4	262.7	99.9	99.9	99.9	338.9	338.9	347.5	0.2	645.5	2	2
35	00	9440	150.0	-57.8	-57.4	262.7	99.9	99.9	99.9	340.9	340.9	348.5	0.2	697.5	2	2
36	00	9725	125.0	-60.8	-60.4	262.7	99.9	99.9	99.9	342.9	342.9	349.5	0.2	751.5	2	2
37	00	10010	100.0	-63.8	-63.4	262.7	99.9	99.9	99.9	344.9	344.9	350.5	0.2	807.5	2	2
38	00	10295	75.0	-66.8	-66.4	262.7	99.9	99.9	99.9	346.9	346.9	351.5	0.2	865.5	2	2
39	00	10580	50.0	-69.8	-69.4	262.7	99.9	99.9	99.9	348.9	348.9	352.5	0.2	925.5	2	2
40	00	10865	25.0	-72.8	-72.4	262.7	99.9	99.9	99.9	350.9	350.9	353.5	0.2	987.5	2	2
41	00	11150	0.0	-75.8	-75.4	262.7	99.9	99.9	99.9	352.9	352.9	354.5	0.2	1051.5	2	2
42	00	11435	0.0	-78.8	-78.4	262.7	99.9	99.9	99.9	354.9	354.9	355.5	0.2	1117.5	2	2
43	00	11720	0.0	-81.8	-81.4	262.7	99.9	99.9	99.9	356.9	356.9	356.5	0.2	1185.5	2	2
44	00	12005	0.0	-84.8	-84.4	262.7	99.9	99.9	99.9	358.9	358.9	357.5	0.2	1255.5	2	2
45	00	12290	0.0	-87.8	-87.4	262.7	99.9	99.9	99.9	360.9	360.9	358.5	0.2	1327.5	2	2
46	00	12575	0.0	-90.8	-90.4	262.7	99.9	99.9	99.9	362.9	362.9	359.5	0.2	1401.5	2	2
47	00	12860	0.0	-93.8	-93.4	262.7	99.9	99.9	99.9	364.9	364.9	360.5	0.2	1477.5	2	2
48	00	13145	0.0	-96.8	-96.4	262.7	99.9	99.9	99.9	366.9	366.9	361.5	0.2	1555.5	2	2
49	00	13430	0.0	-99.8	-99.4	262.7	99.9	99.9	99.9	368.9	368.9	362.5	0.2	1635.5	2	2
50	00	13715	0.0	-102.8	-102.4	262.7	99.9	99.9	99.9	370.9	370.9	363.5	0.2	1717.5	2	2
51	00	14000	0.0	-105.8	-105.4	262.7	99.9	99.9	99.9	372.9	372.9	364.5	0.2	1801.5	2	2
52	00	14285	0.0	-108.8	-108.4	262.7	99.9	99.9	99.9	374.9	374.9	365.5	0.2	1887.5	2	2
53	00	14570	0.0	-111.8	-111.4	262.7	99.9	99.9	99.9	376.9	376.9	366.5	0.2	1975.5	2	2
54	00	14855	0.0	-114.8	-114.4	262.7	99.9	99.9	99.9	378.9	378.9	367.5	0.2	2065.5	2	2
55	00	15140	0.0	-117.8	-117.4	262.7	99.9	99.9	99.9	380.9	380.9	368.5	0.2	2157.5	2	2
56	00	15425	0.0	-120.8	-120.4	262.7	99.9	99.9	99.9	382.9	382.9	369.5	0.2	2251.5	2	2
57	00	15710	0.0	-123.8	-123.4	262.7	99.9	99.9	99.9	384.9	384.9	370.5	0.2	2347.5	2	2
58	00	16000	0.0	-126.8	-126.4	262.7	99.9	99.9	99.9	386.9	386.9	371.5	0.2	2445.5	2	2
59	00	16290	0.0	-129.8	-129.4	262.7	99.9	99.9	99.9	388.9	388.9	372.5	0.2	2545.5	2	2
60	00	16580	0.0	-132.8	-132.4	262.7	99.9	99.9	99.9	390.9	390.9	373.5	0.2	2647.5	2	2

\* 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 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS





ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 374  
WINSLOW, ARIZONA  
1 MAY 1982  
1115 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	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	0.0
0.6	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.6	26.1	1756.2	825.0	13.9	6.5	178.2	4.4	-0.1	4.4	303.3	323.3	7.4	61.2	0.2	322.0
2.4	31.6	2281.6	800.0	12.5	3.0	197.7	7.8	2.4	7.5	303.9	323.3	7.0	83.1	0.4	351.0
3.3	34.4	2558.0	775.0	10.3	2.2	180.5	5.9	1.8	7.4	307.2	324.9	6.0	52.3	0.8	8.0
4.3	37.2	2837.3	725.0	8.1	1.3	137.0	5.9	-2.0	5.6	307.8	324.9	6.0	57.0	1.2	4.0
5.2	40.1	3126.0	700.0	5.5	-0.2	130.4	5.1	-3.9	4.3	308.3	325.0	5.8	62.2	1.4	358.0
6.2	43.0	3422.7	675.0	3.8	-1.8	97.0	4.2	-4.1	3.3	309.9	324.2	5.4	66.4	1.7	348.0
7.2	46.0	3728.2	650.0	1.0	-3.3	91.7	2.9	-2.9	0.5	310.1	323.6	5.0	66.9	1.9	342.0
8.2	49.0	4042.6	625.0	-1.6	-2.7	141.6	1.5	-0.9	1.1	310.6	323.4	5.0	92.1	2.0	333.0
9.3	52.1	4366.6	600.0	-4.5	-4.9	223.9	2.3	1.6	1.6	311.0	323.4	4.5	96.9	2.1	335.0
10.4	55.1	4700.6	575.0	-6.9	-7.4	224.0	3.6	3.0	2.1	312.0	323.6	3.8	95.6	2.1	340.0
11.6	58.4	5046.6	550.0	-9.5	-10.1	224.0	5.7	4.0	4.1	312.8	323.4	3.2	95.6	2.3	348.0
12.8	61.5	5404.6	525.0	-12.4	-18.2	225.6	5.7	4.0	4.2	313.5	323.2	2.2	75.7	2.6	357.0
14.2	64.8	5775.5	500.0	-14.5	-22.8	226.6	4.2	3.6	2.2	315.4	320.2	2.2	19.6	2.8	3.0
15.7	68.1	6163.2	475.0	-16.7	-29.6	228.6	4.2	2.9	1.8	317.3	319.6	0.7	31.5	3.0	8.0
17.1	71.6	6567.2	450.0	-19.7	-34.4	245.0	3.4	2.6	1.2	318.4	320.0	0.5	25.8	3.2	12.0
18.6	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	17.0
20.5	78.7	7436.0	400.0	-26.2	-42.4	244.6	9.6	6.7	4.1	320.9	321.8	0.2	20.0	3.9	25.0
22.4	82.3	7893.4	375.0	-29.7	-45.4	241.3	11.9	10.1	5.5	322.2	322.9	0.2	20.0	5.0	34.0
24.3	86.2	8381.7	350.0	-33.5	-47.7	250.8	11.1	10.9	3.9	323.6	324.1	0.1	22.2	6.1	47.0
26.3	90.2	8897.7	325.0	-37.1	-49.9	257.9	11.1	10.9	2.3	325.5	999.9	99.9	99.9	7.4	47.0
28.4	94.2	9446.2	300.0	-41.2	-49.9	260.2	10.0	9.9	1.7	325.5	999.9	99.9	99.9	8.5	52.0
30.7	98.5	10030.6	275.0	-46.3	-46.3	262.7	10.0	9.9	1.3	326.2	999.9	99.9	99.9	9.7	56.0
33.1	103.7	10658.5	250.0	-51.7	-46.3	263.1	10.1	10.0	1.2	329.2	999.9	99.9	99.9	11.0	59.0
35.6	107.7	11324.8	225.0	-55.5	-46.3	263.2	10.4	10.1	0.7	333.5	999.9	99.9	99.9	12.7	62.0
38.3	112.7	12075.7	200.0	-58.5	-46.3	263.2	10.4	10.1	-0.7	338.2	999.9	99.9	99.9	14.6	66.0
42.6	118.0	12901.7	175.0	-61.9	-46.3	273.4	11.5	11.5	-0.9	347.8	999.9	99.9	99.9	16.9	71.0
46.5	123.8	13857.3	150.0	-61.9	-46.3	280.4	15.2	18.3	-3.4	361.8	999.9	99.9	99.9	20.6	76.0
51.0	130.2	14964.2	125.0	-62.5	-46.3	284.3	15.3	14.8	-3.6	402.5	999.9	99.9	99.9	25.1	80.0
56.2	137.0	16359.2	100.0	-64.6	-46.3	282.5	7.3	7.2	-1.6	437.1	999.9	99.9	99.9	30.8	85.0
63.0	144.7	18112.6	75.0	-64.8	-46.3	319.8	6.6	4.3	-1.9	500.2	999.9	99.9	99.9	31.2	86.0
71.8	153.0	20605.8	50.0	-60.8	-46.3	331.2	2.1	1.0	-2.5	630.6	999.9	99.9	99.9	29.7	88.0
85.3	161.7	25011.3	25.0	-53.7	-46.3	311.2	3.8	2.9	-2.5						

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STATION NO. 374  
WINSLOW, ARIZONA  
1 MAY 1982  
1415 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	21.9	1487.0	852.7	14.4	8.4	120.0	4.6	-4.0	2.3	301.0	323.2	8.1	87.0	147	0
0.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0
1.7	27.4	2025.4	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0
2.5	30.1	2292.4	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0
3.3	32.8	2848.1	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0
4.1	38.2	3432.7	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0
5.2	43.8	3738.6	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0
6.1	48.8	4052.8	850.0	14.1	6.5	99.9	99.9	99.9	99.9	300.9	320.7	7.2	80.2	99.9	0
7.2	52.6	4376.4	825.0	13.8	7.7	99.9	99.9	99.9	99.9	303.2	325.3	8.0	86.6	99.9	0
8.1	58.7	4710.3	800.0	12.5	5.4	99.9	99.9	99.9	99.9	307.2	324.9	6.2	61.1	99.9	0
9.1	65.0	5056.0	775.0	10.5	3.1	99.9	99.9	99.9	99.9	308.1	324.4	5.7	52.7	99.9	0
10.3	71.5	5414.7	750.0	8.4	1.6	99.9	99.9	99.9	99.9	308.7	324.6	5.7	53.5	99.9	0
11.4	78.4	5787.5	725.0	6.4	0.7	99.9	99.9	99.9	99.9	308.7	324.9	5.8	60.8	99.9	0
12.5	82.1	6175.6	700.0	4.7	0.7	99.9	99.9	99.9	99.9	308.7	324.2	5.4	78.0	99.9	0
13.7	85.9	6401.7	675.0	3.1	0.7	99.9	99.9	99.9	99.9	308.7	324.2	5.4	80.0	99.9	0
14.8	89.7	6711.8	650.0	0.7	0.7	99.9	99.9	99.9	99.9	308.7	324.2	4.9	82.0	99.9	0
15.1	93.9	7003.5	625.0	-1.8	-3.0	118.6	2.8	-2.5	1.4	310.6	323.6	4.4	82.0	99.9	0
16.5	97.1	7446.6	600.0	-4.7	-5.0	138.6	2.6	-1.7	1.4	310.6	323.6	4.4	88.1	99.9	0
17.8	102.8	7811.8	575.0	-7.1	-7.4	168.8	3.7	-0.7	1.6	311.7	323.1	3.6	88.1	99.9	0
18.4	107.6	8401.7	550.0	-9.3	-9.8	189.0	4.3	0.7	3.6	314.7	323.1	3.3	88.5	99.9	0
19.5	113.0	8920.7	525.0	-11.4	-12.8	189.0	4.3	0.7	4.3	315.9	319.2	2.7	89.5	99.9	0
20.6	118.0	9471.6	500.0	-14.0	-25.9	187.1	3.0	0.4	2.9	317.9	320.0	1.0	89.5	99.9	0
21.7	122.2	9920.7	475.0	-16.3	-30.6	176.0	3.0	-0.2	3.0	319.3	320.9	0.6	27.7	99.9	0
22.5	125.2	10357.4	450.0	-19.1	-34.7	204.6	5.0	2.1	4.6	320.2	322.5	0.5	25.7	99.9	0
23.6	128.4	10857.4	425.0	-21.9	-38.1	234.2	7.3	5.9	4.2	322.2	323.3	0.3	25.9	99.9	0
24.5	131.0	11384.5	400.0	-25.3	-39.6	237.8	8.5	7.2	4.6	323.2	324.3	0.3	24.9	99.9	0
25.5	133.2	11842.4	375.0	-28.0	-46.2	249.8	9.7	8.4	3.7	325.0	325.6	0.2	23.9	99.9	0
26.6	135.7	12340.1	350.0	-32.5	-50.3	247.7	10.0	8.1	3.2	327.2	327.6	0.1	20.9	99.9	0
27.7	138.0	12840.1	325.0	-35.9	-50.3	252.0	10.6	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
28.5	141.0	13340.1	275.0	-40.7	-50.9	252.0	8.6	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
29.6	144.0	13840.1	250.0	-45.6	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
30.8	147.0	14340.1	225.0	-50.6	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
31.9	150.0	14840.1	200.0	-55.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
32.8	153.0	15340.1	175.0	-59.0	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
33.8	156.0	15840.1	150.0	-60.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
34.8	159.0	16340.1	125.0	-60.7	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
35.7	162.0	16840.1	100.0	-63.7	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
36.7	165.0	17340.1	75.0	-67.0	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
37.7	168.0	17840.1	50.0	-69.9	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
38.5	171.0	18340.1	25.0	-69.9	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
39.4	174.0	18840.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
40.3	177.0	19340.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
41.2	180.0	19840.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
42.1	183.0	20340.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
43.0	186.0	20840.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
43.9	189.0	21340.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
44.8	192.0	21840.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
45.7	195.0	22340.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
46.6	198.0	22840.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
47.5	201.0	23340.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
48.4	204.0	23840.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
49.3	207.0	24340.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
50.2	210.0	24840.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
51.1	213.0	25340.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
52.0	216.0	25840.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
52.9	219.0	26340.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
53.8	222.0	26840.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
54.7	225.0	27340.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
55.6	228.0	27840.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
56.5	231.0	28340.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
57.4	234.0	28840.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
58.3	237.0	29340.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
59.2	240.0	29840.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
60.1	243.0	30340.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
61.0	246.0	30840.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
61.9	249.0	31340.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
62.8	252.0	31840.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
63.7	255.0	32340.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
64.6	258.0	32840.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
65.5	261.0	33340.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
66.4	264.0	33840.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
67.3	267.0	34340.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
68.2	270.0	34840.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
69.1	273.0	35340.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
70.0	276.0	35840.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
70.9	279.0	36340.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
71.8	282.0	36840.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
72.7	285.0	37340.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
73.6	288.0	37840.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
74.5	291.0	38340.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9	99.9	0
75.4	294.0	38840.1	25.0	-59.4	-50.9	252.0	8.1	8.2	3.8	328.0	328.9	0.1	20.9		

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 374  
WINSLOW, ARIZONA  
1 MAY 1982  
1715 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MK RTO GM/MG	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	9.2	44.0	0 0	0
00 9	99 9	99 9	1000.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
01 9	99 9	99 9	975.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
02 9	99 9	99 9	950.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
03 9	99 9	99 9	925.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
04 9	99 9	99 9	900.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
05 9	99 9	99 9	875.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
06 1	20 7	1514.4	850.0	20 5	7.4	95.2	1.9	-1.9	0.2	307.6	325.2	7.7	42.8	0 1	326
07 1	23 2	1771.0	825.0	17 7	6.0	92.4	1.9	-1.9	0.1	307.2	328.7	7.6	49.7	0 2	280
08 3	23 6	2032.9	800.0	14 7	6.0	132.7	1.6	-1.2	2.6	306.9	327.7	7.4	58.0	0 3	280
09 3	28 1	2300.5	775.0	12 2	5.3	173.4	2.6	-0.3	2.7	307.0	327.5	7.3	62.7	0 4	297
10 3	30 6	2574.8	750.0	9 9	4.3	167.0	2.8	-0.6	2.7	307.4	327.2	7.0	68.3	0 5	314
11 1	33 1	2855.9	725.0	6 2	3.1	175.9	3.1	-0.5	3.1	308.5	324.2	5.4	57.5	0 6	321
12 1	35 7	3145.2	700.0	3 8	-0.3	170.9	4.4	-0.3	4.4	309.4	325.0	5.1	62.6	0 8	331
13 1	38 3	3442.5	675.0	0 1	-1.5	133.5	6.1	-4.3	6.1	309.9	324.8	4.3	68.5	1 2	340
14 1	41 0	3748.1	650.0	1 6	-4.2	111.3	5.9	-5.4	4.1	311.0	323.8	4.1	64.3	1 9	331
15 1	43 7	4083.6	625.0	-0.4	-5.4	111.3	5.9	-5.4	2.1	312.0	324.0	4.1	69.1	2 3	323
16 1	46 4	4388.5	600.0	-3.7	-6.0	111.3	6.0	-5.5	2.1	311.9	323.4	4.1	88.6	2 7	319
17 1	49 2	4723.4	575.0	-6.4	-8.0	145.5	5.8	-3.3	4.2	312.4	323.1	3.6	82.3	3 2	319
18 1	52 1	5070.0	550.0	-8.6	-11.0	170.4	4.7	-0.8	4.7	315.6	323.0	2.6	80.3	3 9	321
19 1	55 0	5429.0	525.0	-10.7	-13.4	184.3	4.8	-0.3	4.7	316.9	323.0	2.1	76.6	4 2	328
20 1	58 0	5803.5	500.0	-12.2	-16.4	178.1	5.0	0.3	5.0	318.4	321.8	0.6	44.3	4 7	331
21 1	61 0	6192.6	475.0	-15.9	-25.2	168.2	5.9	0.6	4.1	319.2	321.3	0.4	25.1	5 0	336
22 1	64 1	6597.7	450.0	-19.1	-31.6	168.2	5.7	4.0	4.1	321.0	322.4	0.3	23.6	5 2	343
23 1	67 3	7020.9	425.0	-21.8	-36.4	223.9	5.7	8.1	4.5	322.9	322.4	0.2	23.9	5 6	352
24 1	70 6	7484.9	400.0	-24.7	-39.5	223.5	6.7	6.6	5.7	322.1	324.9	0.2	23.1	6 2	356
25 1	74 1	7931.1	375.0	-28.4	-42.9	224.0	7.7	5.4	6.2	325.8	326.4	0.1	23.2	7 1	356
26 4	77 6	8422.4	350.0	-31.9	-45.9	224.0	7.7	5.4	6.2	327.4	327.9	0.1	23.2	8 2	356
27 3	81 3	8941.9	325.0	-35.7	-49.2	221.8	10.4	5.5	7.8	328.5	327.9	99 9	99 9	9 8	9
28 4	85 1	9493.1	300.0	-40.3	-51.9	221.5	9.8	7.0	6.1	330.0	327.9	99 9	99 9	9 9	14
29 4	89 0	10079.8	275.0	-45.1	-54.7	226.4	8.0	6.0	5.3	332.2	327.9	99 9	99 9	9 9	19
30 2	93 2	10710.8	250.0	-49.7	-59.9	236.0	8.5	7.1	4.8	334.5	327.9	99 9	99 9	11 0	23
31 2	97 8	11392.4	225.0	-54.6	-64.7	241.0	9.9	8.7	4.7	338.1	327.9	99 9	99 9	12 7	31
32 7	102 6	12137.0	200.0	-59.8	-69.9	238.5	11.1	9.4	5.7	350.4	327.9	99 9	99 9	13 7	35
33 1	107 8	12868.6	175.0	-60.3	-71.1	238.5	11.8	10.3	5.7	369.4	327.9	99 9	99 9	15 9	41
34 1	113 5	13935.1	150.0	-58.5	-68.9	235.4	12.4	12.3	5.7	385.8	327.9	99 9	99 9	18 6	41
35 2	120 0	15075.0	125.0	-62.3	-71.1	225.4	8.0	6.0	0.8	405.0	327.9	99 9	99 9	21 0	49
36 7	127 0	16457.2	100.0	-62.5	-71.1	225.4	2.9	0.1	2.9	443.0	327.9	99 9	99 9	21 0	49
37 7	135 5	18241.6	75.0	-62.0	-69.9	178.5	2.9	-2.6	2.9	507.0	327.9	99 9	99 9	20 3	45
38 3	145 0	20789.3	50.0	-57.7	-69.9	150.5	2.9	-2.6	2.9	507.0	327.9	99 9	99 9	20 3	45
39 3	155 7	25236.1	25.0	-50.8	-69.9	332.3	2.7	-1.3	-2.4	639.1	327.9	99 9	99 9	18 7	41

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

STATION NO. 374  
 WINSLOW, ARIZONA  
 1 MAY 2015 GMT 1982

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	MK RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	19 9	1487 0	850 3	23 3	7 4	120 0	3 8	-3 1	1 8	310 5	332 4	7 6	36 0	0 0	0
0 0	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 0	99 9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 0	99 9	99 9	950 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 0	99 9	99 9	925 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 0	99 9	99 9	900 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 0	99 9	99 9	875 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 0	99 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	0
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	298
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 4	6 2	45 1	0 7	298
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	298
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 5	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 5	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 3	327 4	5 8	73 8	1 3	308
7 0	40 4	3737 3	650 0	1 8	-3 0	150 0	4 7	-2 4	2 1	311 0	324 8	4 7	70 5	1 5	308
8 1	43 3	4052 8	625 0	-0 4	-5 7	151 5	6 9	-3 3	6 0	312 0	325 1	4 2	70 2	1 9	313
9 1	46 1	4378 8	600 0	-3 0	-7 6	149 3	6 9	-3 5	5 9	312 0	325 1	4 2	82 0	2 3	317
10 2	49 1	4714 0	575 0	-5 8	-9 0	146 6	5 5	-3 2	4 5	313 4	324 8	3 7	84 9	2 7	319
11 3	52 3	5061 4	550 0	-8 3	-12 0	150 0	8 3	-2 6	7 8	316 5	325 5	2 8	84 7	3 1	319
12 5	55 4	5422 0	525 0	-11 0	-14 5	160 0	8 3	-2 2	7 8	317 2	325 5	2 8	84 7	3 1	319
13 6	58 7	5786 5	500 0	-13 0	-18 3	163 9	8 1	-1 9	7 8	317 2	326 0	2 3	88 0	4 0	326
14 8	62 0	6185 8	475 0	-15 4	-23 3	165 9	5 8	-2 9	5 4	318 9	326 0	2 3	83 2	4 6	326
16 3	65 6	6592 5	450 0	-18 5	-25 3	145 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	188 6	10 4	-2 4	10 1	323 8	326 7	0 9	66 6	6 4	330
20 7	76 8	7930 0	375 0	-27 4	-32 0	156 1	8 6	-3 5	7 9	323 8	327 7	0 7	64 4	7 3	331
22 1	81 0	8423 2	350 0	-30 3	-36 9	174 5	7 1	-0 7	8 6	327 9	329 8	0 5	61 4	7 9	331
23 4	85 2	8947 3	325 0	-33 2	-41 8	210 4	10 0	5 0	8 6	332 0	332 8	0 2	50 8	8 4	331
25 0	89 8	9504 9	300 0	-37 6	-45 8	228 8	11 8	8 9	7 7	332 0	332 8	0 2	42 8	8 9	334
26 6	94 6	1008 0	275 0	-43 1	-50 9	247 4	11 4	10 5	4 4	332 9	332 8	0 2	34 6	9 1	335
28 3	99 8	10732 5	250 0	-48 8	-54 0	230 8	11 5	8 9	7 3	333 5	333 5	0 0	26 0	9 5	335
30 1	104 8	11416 3	225 0	-54 0	-59 9	218 3	12 9	7 7	10 4	335 7	333 5	0 0	10 4	10 4	335
32 2	110 8	12181 9	200 0	-59 5	-64 9	212 3	13 4	6 9	11 0	338 5	333 5	0 0	11 0	10 5	335
34 8	116 7	12983 7	175 0	-64 9	-69 9	224 5	13 1	7 5	10 4	338 5	333 5	0 0	13 0	10 5	335
37 5	123 2	13959 1	150 0	-69 4	-74 8	238 5	13 6	8 0	8 0	370 9	333 5	0 0	13 0	10 5	335
41 1	138 0	15103 8	125 0	-80 5	-89 9	255 5	11 7	11 3	2 9	403 5	333 5	0 0	17 4	15 2	335
45 7	150 6	16484 5	100 0	-84 3	-99 9	262 9	8 0	10 0	1 0	403 5	333 5	0 0	16 9	16 9	335
51 3	146 0	18262 6	75 0	-82 0	-99 9	187 4	3 5	3 5	3 5	403 5	333 5	0 0	16 9	16 9	335
59 0	154 3	20796 0	50 0	-86 9	-99 9	99 9	99 9	99 9	99 9	404 8	333 5	0 0	20 2	20 2	335
59 9	99 9	99 9	25 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	333 5	99 9	99 9	99 9	99 9

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

ORIGINAL PAGE IS  
 OF POOR QUALITY

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 374  
WINSLOW, ARIZONA  
1 MAY 1982  
2315 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 MM	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
00 9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01 9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02 9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03 9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04 9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05 9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
06 9	22.5	1503.9	850.0	13.6	9.2	99.9	99.9	99.9	99.9	300.4	324.3	81.7	99.9	99.9	99.9
07 0	25.1	1758.8	825.0	14.9	6.0	99.9	99.9	99.9	99.9	304.4	324.3	67.1	55.1	99.9	99.9
08 0	27.1	2016.0	800.0	12.9	4.9	99.9	99.9	99.9	99.9	305.7	324.6	62.2	63.1	99.9	99.9
09 0	30.4	2282.8	775.0	11.0	4.3	99.9	99.9	99.9	99.9	305.9	323.6	62.2	63.1	99.9	99.9
10 0	33.2	2555.7	750.0	8.6	2.8	103.2	5.3	-5.2	1.2	306.6	323.6	62.2	63.1	99.9	99.9
11 0	36.0	2835.5	725.0	6.5	1.7	111.6	6.0	-5.5	2.2	306.7	323.5	62.2	63.1	99.9	99.9
12 0	38.8	3122.7	700.0	3.8	1.0	120.8	7.0	-6.0	3.6	307.6	323.5	62.2	63.1	99.9	99.9
13 0	41.7	3411.7	675.0	1.8	0.6	131.3	8.7	-6.2	5.7	308.8	325.0	62.2	63.1	99.9	99.9
14 0	44.6	3721.6	650.0	-0.2	-2.3	142.7	10.1	-5.0	10.1	310.5	325.6	62.2	63.1	99.9	99.9
15 0	47.5	4035.4	625.0	-1.7	-4.3	153.7	11.7	-2.7	11.7	311.9	325.6	62.2	63.1	99.9	99.9
16 0	50.3	4359.8	600.0	-3.7	-6.8	167.2	12.0	-1.0	11.1	312.4	325.6	62.2	63.1	99.9	99.9
17 0	53.5	4695.5	575.0	-5.6	-8.6	174.8	11.9	0.0	11.9	314.6	325.5	62.2	63.1	99.9	99.9
18 0	56.8	5043.2	550.0	-7.8	-10.8	187.9	10.9	1.5	10.8	318.4	326.5	62.2	63.1	99.9	99.9
19 0	59.6	5395.5	525.0	-9.8	-12.9	199.9	7.1	-4.9	7.1	322.0	327.9	62.2	63.1	99.9	99.9
20 0	62.9	5779.5	500.0	-12.0	-15.6	213.7	6.7	-6.1	4.7	323.4	328.0	62.2	63.1	99.9	99.9
21 0	66.1	6170.9	475.0	-14.2	-19.4	219.6	6.4	-5.6	3.5	325.0	328.0	62.2	63.1	99.9	99.9
22 0	69.5	6570.1	450.0	-16.9	-23.0	219.2	6.4	-2.5	2.6	326.1	328.6	62.2	63.1	99.9	99.9
23 0	73.0	7008.1	425.0	-20.0	-26.6	209.9	4.6	-3.5	2.6	327.2	329.2	62.2	63.1	99.9	99.9
24 0	76.5	7452.8	400.0	-23.1	-30.2	198.4	4.4	-4.8	2.6	328.5	329.9	62.2	63.1	99.9	99.9
25 0	80.1	7922.8	375.0	-26.8	-34.6	186.2	4.4	-4.8	2.6	329.4	329.9	62.2	63.1	99.9	99.9
26 0	83.9	8416.9	350.0	-30.8	-39.7	172.2	4.0	-4.3	2.6	330.4	329.9	62.2	63.1	99.9	99.9
27 0	87.7	8938.6	325.0	-34.9	-44.9	156.5	3.5	-3.9	2.6	331.4	329.9	62.2	63.1	99.9	99.9
28 0	91.6	9491.5	300.0	-39.7	-50.2	127.1	2.9	-3.6	2.6	331.4	329.9	62.2	63.1	99.9	99.9
29 0	95.6	10078.8	275.0	-44.6	-56.4	100.4	2.3	-3.3	2.6	331.4	329.9	62.2	63.1	99.9	99.9
30 0	100.4	10709.5	250.0	-50.2	-63.4	99.9	1.8	-3.0	2.6	331.4	329.9	62.2	63.1	99.9	99.9
31 0	105.2	11390.7	225.0	-54.4	-71.4	233.9	1.4	-2.7	2.6	331.4	329.9	62.2	63.1	99.9	99.9
32 0	110.0	12136.1	200.0	-60.3	-80.3	232.2	1.4	-2.5	2.6	331.4	329.9	62.2	63.1	99.9	99.9
33 0	115.4	12984.0	175.0	-61.4	-91.4	241.1	1.3	-2.5	2.6	331.4	329.9	62.2	63.1	99.9	99.9
34 0	121.0	13928.0	150.0	-58.3	-99.9	235.8	1.2	-2.5	2.6	331.4	329.9	62.2	63.1	99.9	99.9
35 0	127.2	15073.4	125.0	-60.3	-108.0	238.0	1.1	-2.5	2.6	331.4	329.9	62.2	63.1	99.9	99.9
36 0	134.8	16449.1	100.0	-62.3	-117.5	236.0	1.0	-2.5	2.6	331.4	329.9	62.2	63.1	99.9	99.9
37 0	141.7	18232.2	75.0	-62.2	-127.7	183.0	0.8	-2.7	2.6	331.4	329.9	62.2	63.1	99.9	99.9
38 0	149.0	20760.0	50.0	-58.2	-138.9	115.5	0.7	-2.7	2.6	331.4	329.9	62.2	63.1	99.9	99.9
39 0	158.7	25230.1	25.0	-48.7	-160.7	110.7	0.6	-2.1	2.6	331.4	329.9	62.2	63.1	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVEN 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. 374  
WINSLOW, ARIZONA  
2 MAY 1982  
215 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/NG	RH PCT	RANGE KM	AZ DG
0 0	22 4	1487 0	851 3	15 0	12 1	140 0	1 0	-0 6	0 8	301 7	320 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	99 9	99 9	99 9	99 9	99 9
99 9	99 9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
99 9	99 9	99 9	950 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
99 9	99 9	99 9	925 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
99 9	99 9	99 9	900 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
99 9	99 9	99 9	875 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
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
1 7	26 0	1753 1	825 0	14 0	4 8	190 0	2 4	2 4	2 4	304 0	324 3	7 3	57 2	0 2	13
2 7	30 6	2012 6	800 0	12 8	4 8	145 1	1 4	-0 8	1 0	305 5	323 6	6 8	58 3	0 3	15
3 7	32 5	2278 8	775 0	10 9	4 8	126 4	1 0	-1 3	1 0	305 5	325 4	7 1	60 6	0 4	351
4 7	32 5	2852 7	750 0	7 7	2 7	152 4	2 1	-1 0	1 9	308 9	324 7	6 2	62 5	0 4	342
5 7	38 3	2832 7	725 0	5 1	1 7	195 2	3 4	0 8	2 9	308 2	325 1	5 9	74 4	0 5	345
6 5	42 0	3121 1	700 0	2 0	0 7	212 3	2 1	1 1	2 7	307 8	325 0	5 6	90 5	0 7	358
7 0	44 9	3417 0	680 0	0 2	0 6	212 8	2 3	0 3	2 2	308 8	325 0	5 1	95 8	0 9	357
10 0	47 9	3720 9	650 0	-0 2	-0 6	187 5	2 3	0 3	2 2	310 1	324 9	4 8	86 3	1 1	358
11 0	50 9	4034 4	625 0	-2 1	-2 6	166 4	3 7	-0 9	3 6	312 3	324 9	4 8	86 3	1 1	358
13 3	54 0	4358 8	600 0	-3 4	-3 8	155 6	5 0	-2 1	4 5	312 3	326 8	4 8	86 3	1 1	358
14 8	57 0	4694 8	575 0	-5 2	-5 8	170 8	6 8	-1 1	6 7	314 7	326 8	4 8	86 3	1 1	358
16 5	60 3	5042 5	550 0	-7 9	-8 5	181 8	7 6	-0 2	7 4	316 4	326 8	4 8	86 3	1 1	358
18 1	63 4	5403 5	525 0	-10 4	-11 0	174 9	8 3	-0 7	8 2	318 0	326 4	4 8	86 3	1 1	358
19 8	66 8	5778 6	500 0	-12 4	-13 5	174 9	8 3	-0 8	9 0	319 2	326 4	4 8	86 3	1 1	358
21 6	70 1	6188 9	475 0	-15 2	-16 7	170 2	9 7	-0 8	9 7	322 1	325 6	4 8	86 3	1 1	358
23 2	73 3	7000 2	450 0	-18 1	-21 2	170 2	9 7	-0 8	9 7	322 1	325 6	4 8	86 3	1 1	358
25 7	77 7	7445 6	425 0	-23 9	-25 2	179 9	8 8	-0 5	8 8	323 9	325 9	4 8	86 3	1 1	358
28 8	80 9	7812 4	375 0	-27 8	-32 2	178 4	7 7	-0 9	7 7	324 5	327 2	4 8	86 3	1 1	358
30 5	84 7	8405 3	350 0	-32 1	-37 2	168 8	7 2	-1 4	7 1	325 5	327 2	4 8	86 3	1 1	358
32 4	88 7	8924 9	325 0	-36 0	-42 0	162 8	6 4	-1 9	6 1	326 5	327 1	4 8	86 3	1 1	358
34 4	92 7	9475 6	300 0	-40 3	-46 9	145 3	5 6	-2 2	4 8	326 5	326 2	4 8	86 3	1 1	358
36 6	97 0	10062 3	275 0	-45 5	-50 9	124 6	5 6	-2 6	3 3	329 3	326 2	4 8	86 3	1 1	358
39 0	101 5	10891 4	250 0	-50 5	-56 9	173 5	7 7	-0 9	3 3	329 3	326 2	4 8	86 3	1 1	358
42 2	111 2	11370 3	225 0	-56 0	-62 1	205 9	12 6	7 1	1 1	331 1	326 2	4 8	86 3	1 1	358
45 6	116 5	12108 7	200 0	-62 1	-69 9	216 1	10 8	7 5	1 3	332 7	326 2	4 8	86 3	1 1	358
48 6	122 2	12830 3	175 0	-67 7	-77 9	225 0	13 0	10 4	7 5	334 4	326 2	4 8	86 3	1 1	358
54 2	128 5	13886 8	150 0	-64 3	-82 7	233 5	13 0	10 4	7 7	348 4	326 2	4 8	86 3	1 1	358
58 7	135 3	15027 5	125 0	-64 3	-89 9	233 5	13 0	10 4	7 7	385 8	326 2	4 8	86 3	1 1	358
62 7	143 0	16403 2	100 0	-64 5	-98 0	228 5	2 7	2 5	1 2	403 5	326 2	4 8	86 3	1 1	358
66 7	149 9	18183 1	75 0	-64 5	-98 0	245 0	2 7	2 5	1 2	437 7	326 2	4 8	86 3	1 1	358
68 8	155 8	19 9	50 0	-64 5	-98 0	98 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
68 8	155 8	19 9	25 0	-64 5	-98 0	98 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE ON 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

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V 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 0
00 0	00 0	1000.0	1000.0	99.9	99.9	99 9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999 9	999 9
00 0	00 0	975.0	975.0	99.9	99.9	99 9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999 9	999 9
00 0	00 0	950.0	950.0	99.9	99.9	99 9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999 9	999 9
00 0	00 0	925.0	925.0	99.9	99.9	99 9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999 9	999 9
00 0	00 0	900.0	900.0	99.9	99.9	99 9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999 9	999 9
00 0	00 0	875.0	875.0	99.9	99.9	99 9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999 9	999 9
01 0	21 6	1510.9	850.0	13.7	11.3	153 0	2.0	-0.9	30.5	300.5	327.6	10 0	85 0	0 0	352
1 0	24 2	1762.8	825.0	13.1	11.2	153 0	2.8	-2.4	302.5	302.5	325.3	10 0	71 7	0 2	326
1 8	26 8	2021.3	800.0	11.6	6.3	138.1	4.1	-2.7	303.5	303.5	324.3	7 5	69 8	0 4	328
2 8	29 3	2286.3	775.0	9.5	4.3	158 3	6.1	-2.2	304.0	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	-1.3	305.0	305.0	323.3	6 5	80 9	1 0	330
4 7	34 8	2837.1	725.0	5.8	2.9	187 1	5.6	-1.3	305.9	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	306.8	306.8	324.5	6 2	86 3	1 5	336
6 5	40 0	3418.6	675.0	1.2	0.4	166.5	5.2	0.6	307.0	307.0	323.7	5 9	94 3	1 8	341
7 7	42 7	3722.4	650.0	-0.3	0.0	191.5	4.7	0.9	308.6	308.6	324.5	5 5	95 2	2 2	346
8 1	45 4	4035.7	625.0	-2.0	-1.0	203.3	2.8	0.9	309.9	309.9	324.6	5 0	96 2	2 4	349
10 0	48 3	4359.7	600.0	-4.0	-2.7	194.5	3.4	0.9	311.5	311.5	325.1	4 6	95 8	2 7	352
12 0	51 2	4695.0	575.0	-5.9	-4.5	208.3	2.1	1.1	313.1	313.1	325.4	4 1	96 2	2 8	354
13 7	54 1	5042.3	550.0	-7.9	-6.5	190.1	3.1	0.5	314.8	314.8	325.9	3 7	95 3	3 0	356
14 7	57 1	5403.2	525.0	-9.9	-8.5	183 9	5.3	0.4	316.5	316.5	326.5	3 3	94 8	3 4	357
16 0	60 1	5776.5	500.0	-12.6	-10.6	181 7	6.1	0.2	317.7	317.7	326.2	2 7	94 0	3 8	358
17 4	63 3	6158.9	475.0	-15.0	-13.4	182 5	5.4	0.2	320.7	320.7	326.6	1 8	88 5	4 3	358
18 9	66 5	6575.6	450.0	-17.9	-15.4	181 6	5.2	0.1	321.9	321.9	326.8	1 4	88 5	4 8	358
20 5	69 6	7001.0	425.0	-21.1	-19.4	174 4	6.6	-0.6	323.5	323.5	327.1	1 1	79 9	5 0	357
22 0	73 1	7445.9	400.0	-24.3	-23.0	169 7	9.3	-1.7	324.9	324.9	327.6	0 8	75 9	7 0	356
23 7	76 6	7913.5	375.0	-27.7	-26.7	163 3	9.4	-2.7	325.8	325.8	327.6	0 5	70 9	8 0	354
25 5	80 3	8405.4	350.0	-31.9	-30.6	163 7	10.3	-2.9	326.4	326.4	327.6	0 3	67 3	9 3	353
27 5	84 0	8924.2	325.0	-38.5	-40.3	164 2	11.5	-3.7	328.1	328.1	327.6	0 3	67 3	10 7	352
29 5	87 8	9474.4	300.0	-48.7	-49.9	159 4	10.8	-3.7	328.5	328.5	327.6	0 3	67 3	12 0	350
31 9	92 0	10060.2	275.0	-51.6	-51.6	155 5	9.1	-3.8	329.3	329.3	327.6	0 3	67 3	13 1	349
34 3	96 2	10686.9	250.0	-56.5	-56.5	173 3	7.2	-0.8	334.5	334.5	327.6	0 3	67 3	14 5	351
37 4	100 8	11362.8	225.0	-62.1	-62.1	191 7	9.4	3.1	345.5	345.5	327.6	0 3	67 3	16 4	353
40 4	105 6	12101.3	200.0	-67.3	-67.3	208 9	12.8	6.2	371.5	371.5	327.6	0 3	67 3	18 5	357
43 6	110 8	12922.3	175.0	-67.2	-67.2	219 9	13.6	6.1	408.5	408.5	327.6	0 3	67 3	21 2	3 5
47 1	116 5	13667.8	150.0	-61.5	-61.5	211 9	8.0	4.7	437.7	437.7	327.6	0 3	67 3	23 2	3 5
52 9	123 0	15026.4	125.0	-62.6	-62.6	202 6	6.4	2.5	499 3	499 3	327.6	0 3	67 3	26 7	10 4
58 4	130 3	16403.6	100.0	-62.6	-62.6	233.5	5.1	4.1	621 6	621 6	327.6	0 3	67 3	27 3	4 4
65 7	139 0	18161.9	75.0	-64.5	-64.5	198 1	6.3	-6.0							
75 5	149 0	20664.9	50.0	-61.2	-61.2	108 1	7 3	-6 1							
92 5	160 0	25028.7	25.0	-56.7	-56.7	24 8	7 3	-6 1							

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

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 374  
WINSLOW, ARIZONA  
2 MAY 1982  
1115 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	4Z DG
00	22	1487	851.3	12.8	11.7	180	1.0	0.0	1.0	299.4	328.9	10.2	93.0	0	0
01	99	99	1000.0	99.9	99.9	99	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999	999
02	99	99	975.0	99.9	99.9	99	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999	999
03	99	99	950.0	99.9	99.9	99	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999	999
04	99	99	925.0	99.9	99.9	99	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999	999
05	99	99	900.0	99.9	99.9	99	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999	999
06	99	99	875.0	99.9	99.9	99	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999	999
07	23	1499	850.0	13.2	8.3	99	99.9	99.9	99.9	300.0	322.8	8.3	73.4	999	999
08	0	1751	825.0	10.7	7.5	99	99.9	99.9	99.9	302.6	325.1	8.4	80.9	999	999
09	1	2009	800.0	9.3	6.4	99	99.9	99.9	99.9	303.8	325.5	7.8	81.7	999	999
10	2	2273	775.0	7.5	4.4	99	99.9	99.9	99.9	304.8	325.7	7.1	80.6	999	999
11	3	2545	750.0	5.7	4.1	99	99.9	99.9	99.9	305.8	324.8	6.7	80.4	999	999
12	34	2824	725.0	3.2	2.7	99	99.9	99.9	99.9	306.0	324.2	6.0	80.4	999	999
13	38	3111	700.0	1.2	0.8	99	99.9	99.9	99.9	307.0	323.3	5.3	80.8	999	999
14	42	3405	675.0	-0.9	-1.4	99	99.9	99.9	99.9	309.3	323.4	4.8	80.8	999	999
15	45	3708	650.0	-2.8	-3.2	99	99.9	99.9	99.9	310.7	323.5	4.3	80.8	999	999
16	48	4021	625.0	-4.7	-5.2	99	99.9	99.9	99.9	311.6	322.5	3.9	80.8	999	999
17	51	4344	600.0	-7.2	-10.8	142	10.0	-8.1	8.0	312.8	322.4	3.2	80.8	999	999
18	54	4678	575.0	-9.5	-22.7	153	11.1	-5.0	8.8	314.4	321.4	2.2	80.8	999	999
19	57	5023	550.0	-11.6	-35.6	163	10.4	-2.9	9.9	316.4	321.4	1.6	80.8	999	999
20	60	5382	525.0	-13.6	-50.7	171	9.8	-3.1	9.3	317.6	321.8	1.4	80.8	999	999
21	64	5754	500.0	-15.6	-63.6	179	8.2	-4.1	7.1	318.5	322.3	0.7	80.8	999	999
22	67	6142	475.0	-18.6	-80.7	188	6.6	-5.0	7.0	320.8	322.2	0.4	80.8	999	999
23	69	6547	450.0	-22.0	-95.6	194	6.6	-5.8	9.3	322.3	324.7	0.6	80.8	999	999
24	74	6970	425.0	-25.2	-111.6	198	6.6	-6.3	9.2	323.2	326.2	0.4	80.8	999	999
25	78	7414	400.0	-29.0	-136.7	148	10.9	-7.8	5.9	325.1	326.2	0.3	80.8	999	999
26	81	7878	375.0	-32.4	-145.5	146	7.0	-8.8	4.8	326.5	326.2	0.2	80.8	999	999
27	85	8389	350.0	-37.2	-145.6	139	6.3	-4.1	5.8	327.2	326.2	0.2	80.8	999	999
28	88	8887	325.0	-41.8	-145.6	141	7.4	-6.1	6.5	328.5	326.2	0.2	80.8	999	999
29	93	9435	300.0	-47.0	-145.6	142	6.9	-6.4	10.0	328.5	326.2	0.2	80.8	999	999
30	97	10018	275.0	-52.2	-145.6	138	6.9	-2.0	13.7	328.5	326.2	0.2	80.8	999	999
31	102	10642	250.0	-57.4	-145.6	147	11.9	-2.0	13.7	328.5	326.2	0.2	80.8	999	999
32	106	11318	225.0	-61.5	-145.6	171	13.8	-2.0	13.7	330.8	326.2	0.2	80.8	999	999
33	111	12054	200.0	-62.1	-145.6	174	8.9	-2.0	13.7	335.3	326.2	0.2	80.8	999	999
34	117	12878	175.0	-60.2	-145.6	158	6.7	-2.0	13.7	347.5	326.2	0.2	80.8	999	999
35	122	13840	150.0	-62.1	-145.6	188	6.5	-3.0	9.4	368.5	326.2	0.2	80.8	999	999
36	128	14976	125.0	-62.1	-145.6	188	11.2	-3.4	9.4	382.6	326.2	0.2	80.8	999	999
37	135	16348	100.0	-64.0	-145.6	218	5.7	-3.4	4.6	404.2	326.2	0.2	80.8	999	999
38	143	18105	75.0	-64.5	-145.6	186	3.3	-1.9	3.3	437.6	326.2	0.2	80.8	999	999
39	151	20587	50.0	-61.6	-145.6	156	4.6	-1.9	4.3	488.3	326.2	0.2	80.8	999	999
40	160	24975	25.0	-53.7	-145.6	99	99.9	99.9	99.9	630.8	326.2	0.2	80.8	999	999

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 \*\* 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  
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	0 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	0 3	193 4	1000 0	9 1	8 2	309 0	2 4	1 8	-1 5	282 3	299 6	6 8	93 6	0 0	31
0 8	0 6	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 0	1 3	624 7	950 0	12 3	5 3	333 8	3 7	1 6	-3 0	289 7	304 9	5 4	62 1	0 4	147
2 3	13 0	847 6	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	291 0	303 6	4 7	61 1	0 6	152
3 9	18 8	1308 2	875 0	7 0	1 0	344 3	4 7	1 3	-4 5	291 0	303 6	4 7	65 8	1 2	155
4 7	21 5	1545 9	850 0	4 8	1 6	335 3	4 0	1 7	-3 6	291 2	304 8	5 1	79 5	1 4	157
5 5	24 7	1768 8	825 0	3 0	-0 2	329 5	4 4	1 7	-3 6	291 2	304 8	5 1	79 5	1 4	155
6 4	28 7	2039 2	800 0	1 5	-0 9	270 4	5 1	1 7	-0 3	296 0	303 0	2 0	36 7	1 5	145
7 3	32 0	2297 0	775 0	0 2	-1 7	267 2	5 7	1 7	0 3	296 0	303 0	2 0	36 7	1 5	137
8 3	36 0	2561 5	750 0	1 0	-1 6	267 2	6 9	1 7	-2 0	297 7	303 4	1 9	35 4	2 0	130
9 3	39 3	2834 1	725 0	1 2	-1 6	267 2	6 9	1 7	-2 0	300 9	304 7	1 9	35 4	2 0	128
10 3	42 6	3115 6	700 0	-0 5	-1 8	301 5	6 2	1 7	-3 6	311 6	311 6	3 1	59 6	2 8	127
11 3	45 9	3405 5	675 0	-2 6	-7 4	294 0	6 4	1 7	-2 5	302 8	311 6	3 1	59 6	3 1	124
12 3	49 2	3703 6	650 0	-5 7	-8 3	287 9	6 4	1 7	-1 1	302 8	311 6	3 1	59 6	3 1	122
13 4	52 5	4011 1	625 0	-8 3	-8 3	312 4	7 0	1 7	-4 7	309 6	311 6	3 1	59 6	3 1	122
14 5	55 8	4331 6	600 0	-10 6	-10 6	324 3	7 4	1 7	-6 0	310 1	311 6	3 1	59 6	3 1	126
15 7	59 1	4683 5	575 0	-13 5	-13 5	320 0	8 2	1 7	-5 5	310 4	311 6	3 1	59 6	3 1	127
16 3	62 4	5006 2	550 0	-16 2	-16 2	320 0	8 2	1 7	-6 7	311 9	311 6	3 1	59 6	3 1	129
17 8	65 7	5361 2	525 0	-19 7	-19 7	330 4	9 6	1 7	-7 0	313 3	314 4	3 1	59 6	3 1	131
19 1	69 0	5713 7	500 0	-23 2	-23 2	337 5	9 6	1 7	-8 5	313 3	314 4	3 1	59 6	3 1	133
21 1	72 3	6066 2	475 0	-26 8	-26 8	337 5	9 6	1 7	-8 5	314 0	314 6	3 1	59 6	3 1	135
22 7	75 6	6418 7	450 0	-30 3	-30 3	337 5	9 6	1 7	-8 5	314 7	315 2	3 1	59 6	3 1	135
24 2	78 9	6771 2	425 0	-33 8	-33 8	312 9	12 0	1 7	-10 1	315 3	315 7	3 1	59 6	3 1	135
25 6	82 2	7123 7	400 0	-37 4	-37 4	308 6	16 1	1 7	-10 1	316 3	317 8	3 1	59 6	3 1	133
27 2	85 5	7476 2	375 0	-41 0	-41 0	299 4	20 5	1 7	-10 1	317 4	319 1	3 1	59 6	3 1	130
28 8	88 8	7828 7	350 0	-44 4	-44 4	295 6	23 3	2 1	-11 2	318 9	319 1	3 1	59 6	3 1	128
30 9	92 1	8181 2	325 0	-47 8	-47 8	291 1	27 3	2 2	-9 8	320 3	319 1	3 1	59 6	3 1	126
33 0	95 4	8533 7	300 0	-51 2	-51 2	282 8	32 9	2 5	-7 3	322 5	319 1	3 1	59 6	3 1	123
35 2	98 7	8886 2	275 0	-54 6	-54 6	277 4	38 3	3 2	-4 9	325 5	319 1	3 1	59 6	3 1	119
37 4	102 0	9238 7	250 0	-58 0	-58 0	277 4	42 4	4 2	-2 2	328 0	319 1	3 1	59 6	3 1	115
39 8	105 3	9591 2	225 0	-61 4	-61 4	277 4	46 8	4 8	-0 5	330 3	319 1	3 1	59 6	3 1	112
42 7	108 6	10043 7	200 0	-64 8	-64 8	281 7	49 7	5 2	0 2	333 4	319 1	3 1	59 6	3 1	111
45 7	111 9	10496 2	175 0	-68 2	-68 2	284 9	53 5	5 8	-1 8	335 2	319 1	3 1	59 6	3 1	111
48 1	115 2	10948 7	150 0	-71 6	-71 6	289 5	57 8	6 2	-3 6	337 8	319 1	3 1	59 6	3 1	111
51 3	118 5	11401 2	125 0	-75 0	-75 0	290 6	62 2	6 8	-5 8	340 3	319 1	3 1	59 6	3 1	111
53 3	121 8	11853 7	100 0	-78 4	-78 4	290 6	66 5	7 2	-8 2	342 8	319 1	3 1	59 6	3 1	111
57 3	125 1	12306 2	75 0	-81 8	-81 8	290 6	70 9	7 8	-10 6	345 2	319 1	3 1	59 6	3 1	111
64 2	128 4	12758 7	50 0	-85 2	-85 2	290 6	75 3	8 4	-13 0	347 7	319 1	3 1	59 6	3 1	111
72 2	131 7	13211 2	25 0	-88 6	-88 6	290 6	79 7	9 0	-15 4	350 2	319 1	3 1	59 6	3 1	111
84 8	135 0	13663 7	0 0	-92 0	-92 0	290 6	84 1	9 6	-17 8	353 0	319 1	3 1	59 6	3 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 OF RECORD

STATION NO 433  
SALFW. ILLINOIS  
1 MAY 1982  
1415 GMT

TIME MIN	CRTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DC
00	00	175	1003	16.0	99.9	999	99.9	99.9	99.9	289.5	999.9	99.9	999.9	0	0
07	07	203	1000	16.0	99.9	999	99.9	99.9	99.9	289.7	999.9	99.9	999.9	0	999
11	09	418	875	14.7	7.1	999	99.9	99.9	99.9	289.9	307.2	6.5	50.5	0	3
15	11	637	900	13.1	6.5	354	99.9	0.3	3.8	290.5	307.5	6.4	64	0	173
23	14	831	900	11.5	6.0	2	99.9	-0.1	-2.2	291.1	308.7	6.6	71	0	5
31	16	1090	900	9.6	6.0	2	99.9	-0.1	-2.3	291.4	308.8	6.6	78	0	176
40	19	1232	875	7.6	6.0	14	99.9	-0.7	-2.5	291.7	309.4	6.7	89	0	9
48	21	1662	825	5.7	5.0	26	99.9	-1.7	-2.8	292.2	309.4	6.5	95	0	182
56	24	1806	825	4.1	2.4	31	99.9	2.1	-2.6	292.4	307.9	5.5	99	0	168
04	26	2056	800	4.0	-3.4	31	99.9	2.1	-2.7	292.4	305.9	5.7	99	0	178
07	28	2314	775	4.0	-3.4	303	99.9	4.3	-2.7	292.4	306.7	5.0	45	0	168
05	30	2560	750	3.2	-3.3	303	99.9	4.3	-2.7	292.4	306.7	5.0	45	0	168
07	32	2854	725	1.3	-3.3	303	99.9	5.4	-2.7	292.4	306.7	5.0	45	0	168
09	34	3136	700	0.5	-5.1	286	99.9	7.8	-2.7	300.8	311.2	3.6	62	0	160
11	36	3428	675	-0.8	-5.0	289	99.9	7.4	-2.5	301.9	312.7	3.8	71	0	150
13	38	3720	650	-2.7	-5.8	289	99.9	7.4	-2.5	302.5	313.1	3.7	78	0	137
14	40	4012	625	-3.4	-26.1	316	99.9	4.5	-4.6	308.0	308.4	0.8	15	0	139
15	42	4304	600	-5.1	-26.1	330	99.9	3.5	-6.0	308.0	311.0	0.7	16	0	140
17	44	4596	575	-6.1	-27.0	330	99.9	4.7	-7.0	310.5	312.5	0.6	17	0	140
18	46	4888	550	-11.2	-31.1	318	99.9	8.1	-7.2	310.5	312.5	0.5	17	0	140
19	48	5180	525	-12.2	-31.1	311	99.9	8.1	-7.2	310.5	312.5	0.4	16	0	138
20	50	5472	500	-13.2	-33.5	301	99.9	6.4	-7.7	312.7	314.1	0.4	15	0	136
21	52	5764	475	-14.6	-35.5	281	99.9	6.5	-7.7	314.5	315.7	0.3	15	0	134
22	54	6056	450	-16.5	-36.1	286	99.9	6.5	-7.7	314.5	315.7	0.3	15	0	132
23	56	6348	425	-18.5	-36.1	306	99.9	6.9	-6.9	315.0	315.8	0.2	16	0	132
24	58	6640	400	-20.3	-43.2	307	99.9	6.9	-6.7	315.0	315.8	0.2	16	0	132
25	60	6932	375	-22.5	-43.2	307	99.9	11.3	-6.7	315.0	315.8	0.2	16	0	132
26	62	7224	350	-24.4	-45.7	307	99.9	14.5	-6.7	315.0	315.8	0.2	16	0	132
27	64	7516	325	-26.4	-45.7	307	99.9	17.6	-6.7	315.0	315.8	0.2	16	0	132
28	66	7808	300	-28.4	-48.8	307	99.9	18.1	-6.7	315.0	315.8	0.2	16	0	132
29	68	8100	275	-32.1	-51.3	305	99.9	16.0	-9.3	319.0	321.3	0.1	17	0	131
30	70	8392	250	-35.4	-51.3	305	99.9	15.0	-9.2	322.3	322.6	0.1	18	0	129
31	72	8684	225	-39.4	-54.5	298	99.9	19.4	-9.4	323.8	322.6	0.1	18	0	129
32	74	8976	200	-43.7	-54.5	298	99.9	23.0	-9.4	326.3	322.6	0.1	18	0	129
33	76	9268	175	-47.5	-59.9	284	99.9	28.0	-8.4	329.3	322.6	0.1	18	0	129
34	78	9560	150	-51.6	-59.9	283	99.9	35.3	-8.4	332.2	322.6	0.1	18	0	129
35	80	9852	125	-56.2	-59.9	283	99.9	34.1	-8.4	335.9	322.6	0.1	18	0	129
36	82	10144	100	-61.2	-59.9	285	99.9	30.2	-8.0	347.2	322.6	0.1	18	0	129
37	84	10436	75	-62.3	-59.9	285	99.9	20.2	-7.7	368.1	322.6	0.1	18	0	129
38	86	10728	50	-59.0	-59.9	280	99.9	15.5	-5.5	418.2	322.6	0.1	18	0	129
39	88	11020	25	-57.7	-59.9	284	99.9	14.4	-5.1	451.7	322.6	0.1	18	0	129
40	90	11312	0	-57.7	-59.9	282	99.9	12.3	-5.1	484.8	322.6	0.1	18	0	129
41	92	11604	0	-57.7	-59.9	282	99.9	11.1	-5.1	517.9	322.6	0.1	18	0	129
42	94	11896	0	-57.7	-59.9	282	99.9	10.0	-5.1	551.0	322.6	0.1	18	0	129
43	96	12188	0	-57.7	-59.9	282	99.9	9.0	-5.1	584.1	322.6	0.1	18	0	129
44	98	12480	0	-57.7	-59.9	282	99.9	8.0	-5.1	617.2	322.6	0.1	18	0	129
45	100	12772	0	-57.7	-59.9	282	99.9	7.0	-5.1	650.3	322.6	0.1	18	0	129
46	102	13064	0	-57.7	-59.9	282	99.9	6.0	-5.1	683.4	322.6	0.1	18	0	129
47	104	13356	0	-57.7	-59.9	282	99.9	5.0	-5.1	716.5	322.6	0.1	18	0	129
48	106	13648	0	-57.7	-59.9	282	99.9	4.0	-5.1	749.6	322.6	0.1	18	0	129
49	108	13940	0	-57.7	-59.9	282	99.9	3.0	-5.1	782.7	322.6	0.1	18	0	129
50	110	14232	0	-57.7	-59.9	282	99.9	2.0	-5.1	815.8	322.6	0.1	18	0	129
51	112	14524	0	-57.7	-59.9	282	99.9	1.0	-5.1	848.9	322.6	0.1	18	0	129
52	114	14816	0	-57.7	-59.9	282	99.9	0.0	-5.1	882.0	322.6	0.1	18	0	129
53	116	15108	0	-57.7	-59.9	282	99.9	0.0	-5.1	915.1	322.6	0.1	18	0	129
54	118	15400	0	-57.7	-59.9	282	99.9	0.0	-5.1	948.2	322.6	0.1	18	0	129
55	120	15692	0	-57.7	-59.9	282	99.9	0.0	-5.1	981.3	322.6	0.1	18	0	129
56	122	15984	0	-57.7	-59.9	282	99.9	0.0	-5.1	1014.4	322.6	0.1	18	0	129
57	124	16276	0	-57.7	-59.9	282	99.9	0.0	-5.1	1047.5	322.6	0.1	18	0	129
58	126	16568	0	-57.7	-59.9	282	99.9	0.0	-5.1	1080.6	322.6	0.1	18	0	129
59	128	16860	0	-57.7	-59.9	282	99.9	0.0	-5.1	1113.7	322.6	0.1	18	0	129
60	130	17152	0	-57.7	-59.9	282	99.9	0.0	-5.1	1146.8	322.6	0.1	18	0	129
61	132	17444	0	-57.7	-59.9	282	99.9	0.0	-5.1	1180.0	322.6	0.1	18	0	129
62	134	17736	0	-57.7	-59.9	282	99.9	0.0	-5.1	1213.1	322.6	0.1	18	0	129
63	136	18028	0	-57.7	-59.9	282	99.9	0.0	-5.1	1246.2	322.6	0.1	18	0	129
64	138	18320	0	-57.7	-59.9	282	99.9	0.0	-5.1	1279.3	322.6	0.1	18	0	129
65	140	18612	0	-57.7	-59.9	282	99.9	0.0	-5.1	1312.4	322.6	0.1	18	0	129
66	142	18904	0	-57.7	-59.9	282	99.9	0.0	-5.1	1345.5	322.6	0.1	18	0	129
67	144	19196	0	-57.7	-59.9	282	99.9	0.0	-5.1	1378.6	322.6	0.1	18	0	129
68	146	19488	0	-57.7	-59.9	282	99.9	0.0	-5.1	1411.7	322.6	0.1	18	0	129
69	148	19780	0	-57.7	-59.9	282	99.9	0.0	-5.1	1444.8	322.6	0.1	18	0	129
70	150	20072	0	-57.7	-59.9	282	99.9	0.0	-5.1	1477.9	322.6	0.1	18	0	129
71	152	20364	0	-57.7	-59.9	282	99.9	0.0	-5.1	1511.0	322.6	0.1	18	0	129
72	154	20656	0	-57.7	-59.9	282	99.9	0.0	-5.1	1544.1	322.6	0.1	18	0	129
73	156	20948	0	-57.7	-59.9	282	99.9	0.0	-5.1	1577.2	322.6	0.1	18	0	129
74	158	21240	0	-57.7	-59.9	282	99.9	0.0	-5.1	1610.3	322.6	0.1	18	0	129
75	160	21532	0	-57.7	-59.9	282	99.9	0.0	-5.1	1643.4	322.6	0.1	18	0	129
76	162	21824	0	-57.7	-59.9	282	99.9	0.0	-5.1	1676.5	322.6	0.1	18	0	129
77	164	22116	0	-57.7	-59.9	282	99.9	0.0	-5.1	1709.6	322.6	0.1	18	0	129
78	166	22408	0	-57.7	-59.9	282	99.9	0.0	-5.1	1742.7	322.6	0.1	18	0	129
79	168	22700	0	-57.7	-59.9	282	99.9	0.0	-5.1	1775.8	322.6	0.1	18	0	129
80	170	23092	0	-57.7	-59.9	282	99.9	0.0	-5.1	1808.9	322.6	0.1	18	0	129
81	172	23384	0	-57.7	-59.9	282	99.9	0.0	-5.1	1842.0	322.6	0.1	18	0	129
82	174	23676	0	-57.7	-59.9	282	99.9	0.0	-5.1	1875.1	322.6	0.1	18	0	129
83	176	23968	0	-57.7	-59.9	282	99.9	0.0	-5.1	1908.2	322.6	0.1	18	0	129
84	178	24260	0	-57.7	-59.9	282	99.9	0.0	-5.1	1941.3	322.6	0.1	18	0	129
85	180	24552	0	-57.7	-59.9	282	99.9	0.0	-5.1	1974.4	322.6	0.1	18	0	129
86	182	24844	0	-57.7	-59.9	282	99.9	0.0	-5.1	2007.5	322.6	0.1	18	0	129
87	184	25136	0	-57.7	-59.9	282									

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 433  
SALEM, ILLINOIS

1 MAY 1982  
1715 GMT

TIME MIN	CNTCT	HEIGHT QPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V 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 8	98 8	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	99 9	99 9	99 9	99 9	291 8	999 9	99 9	999 9	0 0	0
0 7	10 0	415 5	992 9	17 0	7 6	992 9	99 9	99 9	99 9	292 2	310 2	6 7	54 0	999 9	999
1 3	12 8	836 2	950 0	14 9	6 4	358 7	0 0	0 0	-1 1	292 3	309 2	6 6	50 9	0 2	198
2 1	15 7	881 2	925 0	12 3	6 4	282 8	0 6	0 6	-0 2	291 8	309 2	6 5	67 1	0 2	190
2 8	18 4	1080 3	900 0	10 0	5 0	195 4	0 4	0 1	0 3	292 1	309 2	6 5	76 1	0 2	185
3 8	21 2	1322 8	875 0	7 9	5 4	262 6	0 3	0 3	0 0	292 0	309 2	6 5	84 4	0 2	183
4 7	24 0	1562 6	850 0	6 0	5 4	47 7	-2 1	-0 8	-0 8	292 4	310 1	6 7	96 3	0 3	207
5 7	26 9	1807 6	825 0	5 0	3 8	48 7	2 7	0 9	-1 8	293 9	310 4	6 1	92 4	0 4	203
6 5	29 7	2057 8	800 0	3 8	3 8	347 5	4 3	0 9	-4 2	295 2	308 9	5 0	78 4	0 6	183
7 4	32 5	2316 2	775 0	2 8	-3 5	312 3	5 7	3 7	-2 8	287 8	307 1	3 8	59 3	0 8	162
8 3	35 5	2581 9	750 0	2 0	-7 5	284 4	8 5	6 1	-2 9	305 4	310 8	3 1	49 1	1 2	145
9 3	38 4	2855 0	725 0	0 9	-5 1	280 8	8 0	7 7	-2 0	302 2	311 3	3 1	58 7	1 6	133
10 3	41 4	3136 7	700 0	-0 3	-7 4	280 8	8 0	7 7	-2 0	302 2	311 3	3 1	58 7	1 6	127
11 3	44 4	3427 1	650 0	-1 4	-23 0	280 5	5 9	5 4	-1 1	308 0	308 9	0 7	17 3	2 0	124
12 3	47 4	3726 8	625 0	-2 7	-24 9	306 1	6 6	5 3	-3 9	309 4	312 0	0 8	18 0	2 6	124
13 5	50 5	4038 1	600 0	-5 1	-26 5	309 5	9 6	7 4	-6 1	310 3	312 0	0 7	16 6	3 2	124
14 8	53 8	4360 3	575 0	-8 3	-28 9	312 5	11 2	8 3	-7 8	310 6	312 3	0 5	17 0	3 9	128
15 8	56 8	4692 6	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
17 1	60 0	5035 2	525 0	-13 4	-33 7	299 1	11 0	9 7	-5 3	312 4	313 8	0 4	16 1	5 8	127
18 4	63 3	5390 6	500 0	-15 1	-35 5	283 9	10 0	9 6	-2 4	314 6	315 9	0 4	15 5	6 6	125
19 8	66 6	5781 1	475 0	-18 6	-38 4	286 0	9 4	9 1	-2 3	314 9	316 0	0 3	15 6	7 4	123
21 2	70 0	6145 8	450 0	-22 1	-40 9	302 8	10 9	9 8	-4 8	315 5	318 3	0 2	16 2	8 3	121
22 8	73 6	6546 3	425 0	-25 0	-43 2	308 6	12 8	10 7	-7 1	317 8	317 7	0 2	16 4	9 4	121
24 4	77 1	6961 2	400 0	-28 8	-46 3	302 2	14 8	10 8	-6 7	317 8	318 2	0 1	16 5	10 7	122
26 0	80 8	7366 4	375 0	-32 0	-48 8	301 2	17 3	12 8	-7 7	319 3	319 7	0 1	16 8	12 2	122
27 8	84 8	7860 2	350 0	-35 4	-51 7	295 8	19 3	15 6	-7 5	321 0	321 3	0 1	16 8	14 0	122
29 5	88 5	8345 3	325 0	-38 6	-54 8	280 4	18 2	16 6	-8 0	322 1	321 3	0 1	16 8	16 0	122
31 7	92 6	8855 7	300 0	-41 1	-57 8	280 4	18 2	16 6	-8 0	322 1	321 3	0 1	16 8	18 0	122
33 8	96 6	9398 1	275 0	-44 7	-60 9	280 4	19 4	18 6	-7 5	323 3	321 3	0 1	16 8	20 0	120
36 0	101 2	9978 0	250 0	-48 7	-64 0	280 4	20 3	19 4	-5 8	324 7	324 7	0 1	16 8	22 0	119
38 1	105 7	10597 1	225 0	-52 9	-67 1	281 0	24 3	24 3	-5 7	327 4	327 4	0 1	16 8	24 0	115
40 6	110 4	11270 3	200 0	-57 1	-70 2	281 0	30 8	30 2	-5 9	331 1	331 1	0 1	16 8	26 0	115
43 4	115 8	12008 4	175 0	-61 6	-73 3	283 5	31 9	31 9	-6 2	335 3	335 3	0 1	16 8	28 0	113
46 3	121 0	12830 8	150 0	-66 2	-76 4	283 9	25 7	25 0	-6 2	347 1	347 1	0 1	16 8	30 0	112
48 8	126 8	13782 7	125 0	-70 1	-79 5	281 4	19 3	19 0	-6 2	366 4	366 4	0 1	16 8	32 0	110
50 8	133 2	14830 6	100 0	-74 1	-82 6	281 4	13 9	16 2	-6 2	386 2	386 2	0 1	16 8	34 0	110
53 8	140 7	16335 7	75 0	-78 1	-85 7	280 9	7 4	12 0	-6 2	413 0	413 0	0 1	16 8	36 0	109
56 5	147 2	18138 7	50 0	-81 9	-88 8	280 9	4 1	10 8	-6 2	455 4	455 4	0 1	16 8	38 0	111
62 7	156 0	20726 7	25 0	-85 9	-91 9	280 9	0 9	9 9	-4 1	514 8	514 8	0 1	16 8	40 0	111
65 4	164 7	23218 9	25 0	-90 2	-95 9	280 9	0 9	9 9	0 9	640 8	640 8	0 1	16 8	42 0	112

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

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 433  
SALEM, ILLINOIS

1 MAY 2015 GMT 1982

160 10 0

TIME MIN	GMTCT	HEIGHT GPM	PRES MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/NG	RH PCT	RANGE MM	AZ DG
0.0	0.0	175.0	1001.3	21.1	7.0	345.0	2.8	0.7	-2.5	294.2	311.1	6.2	40.0	0.0	0.0
0.1	0.0	185.2	1000.0	20.9	9.9	283.2	1.5	1.5	0.2	294.0	310.0	99.9	999.9	0.0	92.0
0.8	0.0	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	142.0
1.7	0.0	625.6	956.0	16.3	5.0	273.8	1.4	1.4	-0.1	293.8	310.2	6.1	48.6	0.0	111.0
3.7	14.8	851.7	925.0	14.2	5.7	284.3	2.3	2.2	0.8	293.8	310.7	6.2	56.4	0.0	91.0
5.8	17.0	1082.3	900.0	11.9	5.1	281.3	1.7	1.6	-0.3	293.8	310.7	6.1	63.0	0.0	85.0
8.0	20.2	1317.4	875.0	9.7	4.6	342.8	3.3	0.7	-2.2	293.9	310.3	6.1	70.2	0.0	95.0
9.6	22.2	1557.6	850.0	7.8	2.8	355.6	4.4	2.2	-3.6	294.8	309.3	5.5	70.5	0.0	129.0
11.3	25.7	1803.2	825.0	5.8	2.8	330.2	5.1	3.6	-3.3	295.1	310.3	5.7	81.0	0.0	132.0
13.0	28.4	2054.6	800.0	3.7	2.8	308.6	5.1	5.2	-2.5	295.1	309.6	5.8	92.7	0.0	132.0
14.7	31.2	2312.8	775.0	2.2	0.3	288.7	5.8	5.6	-2.0	298.2	309.6	3.6	84.1	1.4	135.0
16.4	34.0	2577.6	750.0	0.5	-4.1	288.7	6.7	6.6	-2.7	300.0	311.6	3.7	66.3	1.8	121.0
18.1	36.9	2850.8	725.0	-1.1	-3.0	288.9	6.7	6.3	-2.9	300.0	311.6	3.7	66.3	2.5	118.0
19.8	39.8	3132.6	700.0	-1.4	-2.4	286.4	7.2	7.2	-0.2	301.2	308.1	3.8	73.2	3.1	115.0
21.5	42.6	3422.2	675.0	-2.2	-2.4	276.4	6.2	6.2	-0.3	307.4	310.2	3.8	73.2	3.8	112.0
23.2	45.4	3723.2	650.0	-2.7	-2.4	279.9	6.4	6.3	-1.1	307.4	312.0	3.8	73.2	4.4	110.0
24.9	48.2	4035.1	625.0	-3.4	-2.6	293.2	6.2	7.5	-1.2	311.0	313.0	3.8	73.2	5.0	111.0
26.6	51.0	4357.3	600.0	-4.0	-2.6	308.8	10.4	8.9	-5.3	310.9	312.6	3.8	73.2	5.5	113.0
28.3	53.8	4689.1	575.0	-4.7	-3.0	308.2	11.1	9.0	-6.7	310.9	313.9	3.8	73.2	6.0	115.0
30.0	56.6	5033.2	550.0	-5.4	-3.2	308.5	10.7	8.4	-6.4	312.3	315.5	3.8	73.2	6.5	116.0
31.7	59.4	5389.2	525.0	-6.1	-3.5	308.6	12.0	10.2	-7.9	313.0	316.1	3.8	73.2	7.0	117.0
33.4	62.2	5758.8	500.0	-6.8	-3.7	288.6	12.2	11.8	-4.2	315.0	317.5	3.8	73.2	7.5	118.0
35.1	65.0	6142.8	475.0	-7.5	-4.0	281.5	11.5	10.7	-4.3	316.6	317.5	3.8	73.2	8.0	119.0
36.8	67.7	6543.8	450.0	-8.2	-4.2	281.5	11.5	10.7	-4.3	318.4	318.0	3.8	73.2	8.5	120.0
38.5	70.5	6951.8	425.0	-8.9	-4.4	282.5	12.1	10.1	-4.7	318.4	318.0	3.8	73.2	9.0	121.0
40.2	73.2	7389.1	400.0	-9.6	-4.6	282.5	12.1	10.1	-4.7	318.4	318.0	3.8	73.2	9.5	122.0
41.9	76.0	7856.6	375.0	-10.3	-4.8	282.0	15.0	12.7	-7.3	321.3	321.7	3.8	73.2	10.0	123.0
43.6	78.8	8343.6	350.0	-11.0	-5.0	282.0	16.1	14.4	-7.3	322.3	321.7	3.8	73.2	10.5	124.0
45.3	81.6	8855.2	325.0	-11.7	-5.2	284.1	17.5	16.0	-6.7	323.1	321.7	3.8	73.2	11.0	125.0
47.0	84.4	9376.1	300.0	-12.4	-5.4	284.8	18.3	17.7	-4.8	324.8	321.7	3.8	73.2	11.5	126.0
48.7	87.2	9978.1	275.0	-13.1	-5.6	284.8	21.0	21.2	-3.4	327.4	321.7	3.8	73.2	12.0	127.0
50.4	90.0	10588.0	250.0	-13.8	-5.8	284.8	26.4	26.0	-2.4	330.6	321.7	3.8	73.2	12.5	128.0
52.1	92.8	11209.6	225.0	-14.5	-6.0	278.4	28.4	28.7	-1.8	334.6	321.7	3.8	73.2	13.0	129.0
53.8	95.6	11864.8	200.0	-15.2	-6.2	283.3	23.8	23.3	-1.5	338.3	321.7	3.8	73.2	13.5	130.0
55.5	98.4	12604.8	175.0	-15.9	-6.4	283.3	20.2	18.5	-1.4	345.8	321.7	3.8	73.2	14.0	131.0
57.2	101.2	13378.4	150.0	-16.6	-6.6	283.3	18.3	17.8	-1.4	345.8	321.7	3.8	73.2	14.5	132.0
58.9	104.0	14239.4	125.0	-17.3	-6.8	283.3	16.3	16.3	-1.4	345.8	321.7	3.8	73.2	15.0	133.0
60.6	106.8	15178.4	100.0	-18.0	-7.0	283.3	14.4	14.4	-1.4	345.8	321.7	3.8	73.2	15.5	134.0
62.3	109.6	16239.4	75.0	-18.7	-7.2	283.3	12.5	12.5	-1.4	345.8	321.7	3.8	73.2	16.0	135.0
64.0	112.4	17477.2	50.0	-19.4	-7.4	283.3	10.6	10.6	-1.4	345.8	321.7	3.8	73.2	16.5	136.0
65.7	115.2	18947.2	25.0	-20.1	-7.6	283.3	8.7	8.7	-1.4	345.8	321.7	3.8	73.2	17.0	137.0
67.4	118.0	20730.2	0.0	-20.8	-7.8	283.3	6.8	6.8	-1.4	345.8	321.7	3.8	73.2	17.5	138.0
69.1	120.8	22922.2	0.0	-21.5	-8.0	283.3	4.9	4.9	-1.4	345.8	321.7	3.8	73.2	18.0	139.0
70.8	123.6	25522.2	0.0	-22.2	-8.2	283.3	3.0	3.0	-1.4	345.8	321.7	3.8	73.2	18.5	140.0
72.5	126.4	28532.2	0.0	-22.9	-8.4	283.3	1.1	1.1	-1.4	345.8	321.7	3.8	73.2	19.0	141.0
74.2	129.2	31952.2	0.0	-23.6	-8.6	283.3	0.2	0.2	-1.4	345.8	321.7	3.8	73.2	19.5	142.0
75.9	132.0	35782.2	0.0	-24.3	-8.8	283.3	0.3	0.3	-1.4	345.8	321.7	3.8	73.2	20.0	143.0
77.6	134.8	40032.2	0.0	-25.0	-9.0	283.3	0.4	0.4	-1.4	345.8	321.7	3.8	73.2	20.5	144.0
79.3	137.6	44782.2	0.0	-25.7	-9.2	283.3	0.5	0.5	-1.4	345.8	321.7	3.8	73.2	21.0	145.0
81.0	140.4	50032.2	0.0	-26.4	-9.4	283.3	0.6	0.6	-1.4	345.8	321.7	3.8	73.2	21.5	146.0
82.7	143.2	55782.2	0.0	-27.1	-9.6	283.3	0.7	0.7	-1.4	345.8	321.7	3.8	73.2	22.0	147.0
84.4	146.0	62032.2	0.0	-27.8	-9.8	283.3	0.8	0.8	-1.4	345.8	321.7	3.8	73.2	22.5	148.0
86.1	148.8	68782.2	0.0	-28.5	-10.0	283.3	0.9	0.9	-1.4	345.8	321.7	3.8	73.2	23.0	149.0
87.8	151.6	76032.2	0.0	-29.2	-10.2	283.3	1.0	1.0	-1.4	345.8	321.7	3.8	73.2	23.5	150.0
89.5	154.4	83782.2	0.0	-29.9	-10.4	283.3	1.1	1.1	-1.4	345.8	321.7	3.8	73.2	24.0	151.0
91.2	157.2	92032.2	0.0	-30.6	-10.6	283.3	1.2	1.2	-1.4	345.8	321.7	3.8	73.2	24.5	152.0
92.9	160.0	100782.2	0.0	-31.3	-10.8	283.3	1.3	1.3	-1.4	345.8	321.7	3.8	73.2	25.0	153.0
94.6	162.8	110032.2	0.0	-32.0	-11.0	283.3	1.4	1.4	-1.4	345.8	321.7	3.8	73.2	25.5	154.0
96.3	165.6	120782.2	0.0	-32.7	-11.2	283.3	1.5	1.5	-1.4	345.8	321.7	3.8	73.2	26.0	155.0
98.0	168.4	133032.2	0.0	-33.4	-11.4	283.3	1.6	1.6	-1.4	345.8	321.7	3.8	73.2	26.5	156.0
99.7	171.2	146782.2	0.0	-34.1	-11.6	283.3	1.7	1.7	-1.4	345.8	321.7	3.8	73.2	27.0	157.0
101.4	174.0	162032.2	0.0	-34.8	-11.8	283.3	1.8	1.8	-1.4	345.8	321.7	3.8	73.2	27.5	158.0
103.1	176.8	178782.2	0.0	-35.5	-12.0	283.3	1.9	1.9	-1.4	345.8	321.7	3.8	73.2	28.0	159.0
104.8	179.6	197032.2	0.0	-36.2	-12.2	283.3	2.0	2.0	-1.4	345.8	321.7	3.8	73.2	28.5	160.0
106.5	182.4	217782.2	0.0	-36.9	-12.4	283.3	2.1	2.1	-1.4	345.8	321.7	3.8	73.2	29.0	161.0
108.2	185.2	240032.2	0.0	-37.6	-12.6	283.3	2.2	2.2	-1.4	345.8	321.7	3.8	73.2	29.5	162.0
110.0	188.0	264782.2	0.0	-38.3	-12.8	283.3	2.3	2.3	-1.4	345.8	321.7	3.8	73.2	30.0	163.0
111.7	190.8	292032.2	0.0	-39.0	-13.0	283.3	2.4	2.4	-1.4	345.8	321.7	3.8	73.2	30.5	164.0
113.4	193.6	321782.2	0.0	-39.7	-13.2	283.3	2.5	2.5	-1.4	345.8	321.7	3.8	73.2	31.0	165.0
115.1	196.4	354032.2	0.0	-40.4	-13.4	283.3	2.6	2.6	-1.4	345.8	321.7	3.8	73.2	31.5	166.0
116.8	199.2	388782.2	0.0	-41.1	-13.6	283.3	2.7	2.7	-1.4	345.8	321.7	3.8	73.2	32.0	167.0
118.5	202.0	426032.2	0.0	-41.8	-13.8	283.3	2.8	2.8	-1.4	345.8	321.7	3.8	73.2	32.5	168.0
120.2	204.8	466782.2	0.0	-42.5	-14.0	283.3	2.9	2.9	-1.4	345.8	321.7	3.8	73.2	33.0	169.0
121.9	207.6	510032.2	0.0	-43.2	-14.2	283.3	3.0	3.0	-1.4	345.8	321.7	3.8	73.2	33.5	170.0
123.6	210.4	556782.2	0.0	-43.9	-14.4	283.3	3.1	3.1	-1.4	345.8	321.7	3.8	73.2	34.0	171.0
125.3	213.2	606032.2	0.0	-44.6	-14.6	283.3	3.2	3.2	-1.4	345.8	321.7	3.8	73.2	34.5	172.0
127.0	216.0	658782.2	0.0	-45.3	-14.8	283.3	3.3	3.3	-1.4	345.8	321.7	3.8	73.2	35.0	173.0
128.7	218.8	715032.2	0.0	-46.0	-15.0	283.3	3.4	3.4	-1.4	345.8	321.7	3.8	73.2	35.5	174.0
130.4	221.6	774782.2	0.0	-46.7	-15.2	283.3	3.5	3.5	-1.4	345.8	321.7	3.8			

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 433  
SALEM, ILLINOIS  
1 MAY 1982  
2300 GMT

TIME MIN	CNTCT	WELGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCY	RANGE NM	AZ DG
00	71	175.0	1000.0	22.0	10.2	340.0	2.8	0.9	-2.4	295.2	318.1	7.8	47.0	0.0	0.0
01	71	175.0	1000.0	22.0	10.2	339.0	2.8	0.9	-2.4	295.1	318.1	7.8	48.9	0.0	0.0
02	71	304.7	875.0	19.0	6.5	319.4	2.3	1.5	-1.7	294.9	311.8	6.3	42.8	0.2	141
03	11.8	017.5	850.0	17.5	5.8	315.5	2.3	1.6	-1.6	294.9	311.5	6.3	46.4	0.3	140
04	14.3	84.4	825.0	15.8	5.8	310.7	1.8	1.3	-1.2	295.1	311.9	6.2	52.2	0.4	138
05	18.2	1075.8	825.0	12.8	4.8	321.5	1.4	0.2	-1.1	294.7	311.0	6.0	58.6	0.4	137
06	18.2	1311.8	875.0	10.6	4.6	353.4	1.7	0.2	-1.1	294.8	311.3	6.1	60.4	0.5	140
07	21.7	1582.8	850.0	8.4	3.6	353.4	2.7	0.1	-1.3	294.9	310.8	5.9	71.9	0.6	147
08	24.3	1788.7	825.0	6.3	3.5	358.9	2.7	0.0	-1.3	295.7	309.5	5.7	71.4	0.7	152
09	28.8	2050.4	807.0	4.3	1.5	343.6	3.4	0.1	-1.6	295.7	309.7	5.7	71.4	0.8	157
10	31.8	2308.3	775.0	2.3	0.8	307.5	3.4	1.2	-1.6	296.3	308.9	6.0	78.0	1.0	155
11	34.5	2573.1	750.0	1.8	-1.1	283.0	6.0	4.2	-1.8	298.6	310.4	6.4	74.7	1.4	142
12	37.0	2848.1	725.0	0.1	-2.4	284.2	8.8	7.5	-1.8	299.6	310.4	6.4	71.6	1.6	132
13	39.9	3126.8	700.0	0.1	-4.4	294.8	8.3	7.5	-2.2	299.6	310.4	6.4	71.6	1.6	132
14	42.6	3418.8	675.0	-1.2	-15.0	298.0	7.7	6.7	-2.5	304.0	305.1	6.5	27.0	2.2	127
15	45.3	3717.3	650.0	-2.0	-23.5	291.4	8.2	6.3	-3.0	308.2	309.5	6.8	18.0	3.2	124
16	48.1	4028.1	625.0	-3.7	-24.8	293.4	8.5	6.3	-3.0	308.2	309.5	6.8	17.4	3.2	124
17	50.9	4348.5	600.0	-5.2	-26.0	292.6	8.1	6.4	-3.5	310.7	312.6	6.7	17.5	4.2	119
18	53.6	4682.5	575.0	-7.0	-27.4	292.6	8.1	6.4	-3.5	310.7	312.6	6.7	19.2	4.9	119
19	56.3	5025.5	550.0	-11.1	-29.1	308.3	10.5	8.8	-5.7	312.0	313.0	6.6	23.5	5.7	120
20	59.0	5380.7	525.0	-14.3	-30.6	311.4	11.4	8.7	-7.7	312.0	313.1	6.4	21.9	7.3	123
21	61.7	5748.6	500.0	-17.2	-32.9	313.1	11.6	8.5	-8.8	312.0	313.1	6.4	21.4	8.1	124
22	64.4	6131.2	475.0	-20.0	-34.4	307.8	11.1	8.1	-8.8	312.7	314.5	6.3	19.0	8.0	124
23	67.1	6530.4	450.0	-22.0	-38.2	302.4	10.8	8.1	-8.8	317.1	316.6	6.2	19.5	9.8	124
24	69.8	6948.8	425.0	-24.9	-41.5	302.9	11.4	8.5	-8.2	317.1	317.9	6.2	19.5	10.7	124
25	72.5	7388.7	400.0	-28.4	-44.4	303.8	11.7	9.7	-6.5	318.1	319.7	6.2	19.7	11.6	124
26	75.2	7845.6	375.0	-32.0	-47.4	304.4	12.7	10.7	-6.7	319.2	319.7	6.1	19.8	13.1	124
27	77.9	8329.3	350.0	-36.0	-50.3	299.4	14.8	13.4	-5.1	320.6	320.6	6.0	21.0	14.8	122
28	80.6	8839.2	325.0	-40.1	-58.9	297.8	15.4	14.6	-4.8	321.5	320.6	5.9	21.0	14.8	122
29	83.3	9380.2	300.0	-44.6	-68.0	295.0	17.8	15.0	-4.8	322.5	320.6	5.9	21.0	16.1	119
30	86.0	9957.8	275.0	-48.9	-78.0	294.0	17.8	17.2	-4.8	324.8	320.6	5.9	21.0	16.1	119
31	88.7	10578.4	250.0	-54.0	-88.0	294.0	20.4	19.8	-5.0	325.8	320.6	5.9	21.0	20.4	115
32	91.4	11248.7	225.0	-59.1	-98.0	298.7	23.1	22.7	-4.7	328.0	320.6	5.9	21.0	23.1	113
33	94.1	11978.6	200.0	-64.1	-108.0	297.1	25.5	22.5	-4.7	330.1	320.6	5.9	21.0	27.1	113
34	96.8	12688.2	175.0	-69.1	-118.0	297.1	27.1	20.4	-4.7	330.1	320.6	5.9	21.0	31.1	113
35	99.5	13467.2	150.0	-74.1	-128.0	297.1	29.4	18.3	-4.7	330.1	320.6	5.9	21.0	35.1	112
40	114.7	14967.5	125.0	-80.0	-158.0	288.5	19.5	17.5	-4.7	330.1	320.6	5.9	21.0	45.1	112
45	127.7	16308.1	100.0	-86.0	-188.0	288.5	12.1	10.8	-5.6	415.4	320.6	5.9	21.0	45.1	112
50	135.5	18129.3	75.0	-92.0	-218.0	288.5	7.1	6.2	-3.4	450.4	320.6	5.9	21.0	48.6	113
55	145.7	20009.8	50.0	-98.0	-248.0	288.5	4.4	-0.3	-4.4	512.7	320.6	5.9	21.0	51.7	118
60	155.7	28183.7	25.0	-105.7	-288.0	288.5	4.4	-0.7	-4.4	639.3	320.6	5.9	21.0	51.7	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	WEIGHT GPM	PRES MM	TEMP DG C	DEM PT DG C	DIA DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG	MX RTD CM/KG	RH PCT	RANGE KM	AZ DG
00	00	175	1000	20.5	00	000	00	00	00	232	000	00	000	0	0
00	00	177	1000	21.5	00	000	00	00	00	232	000	00	000	0	0
00	00	305	075	18.7	00	000	00	00	00	232	000	00	000	0	0
01	00	617	025	14.9	00	320	00	00	00	232	000	00	000	0	0
02	00	043	000	12.2	00	348	00	00	00	232	000	00	000	0	0
03	00	1074	075	10.4	00	000	00	00	00	232	000	00	000	0	0
04	00	1510	000	08.2	00	000	00	00	00	232	000	00	000	0	0
05	00	1850	025	06.1	00	000	00	00	00	232	000	00	000	0	0
06	00	2047	000	03.7	00	137	00	00	00	232	000	00	000	0	0
07	00	2200	075	01.5	00	344	00	00	00	232	000	00	000	0	0
08	00	2300	000	-0.2	00	288	00	00	00	232	000	00	000	0	0
09	00	2350	075	-1.1	00	287	00	00	00	232	000	00	000	0	0
10	00	2400	000	-2.1	00	296	00	00	00	232	000	00	000	0	0
11	00	2400	075	-3.1	00	301	00	00	00	232	000	00	000	0	0
12	00	2400	000	-4.1	00	301	00	00	00	232	000	00	000	0	0
13	00	2400	075	-5.1	00	303	00	00	00	232	000	00	000	0	0
14	00	2400	000	-6.1	00	303	00	00	00	232	000	00	000	0	0
15	00	2400	075	-7.1	00	304	00	00	00	232	000	00	000	0	0
16	00	2400	000	-8.1	00	305	00	00	00	232	000	00	000	0	0
17	00	2400	075	-9.1	00	305	00	00	00	232	000	00	000	0	0
18	00	2400	000	-10.1	00	306	00	00	00	232	000	00	000	0	0
19	00	2400	075	-11.1	00	306	00	00	00	232	000	00	000	0	0
20	00	2400	000	-12.1	00	307	00	00	00	232	000	00	000	0	0
21	00	2400	075	-13.1	00	307	00	00	00	232	000	00	000	0	0
22	00	2400	000	-14.1	00	308	00	00	00	232	000	00	000	0	0
23	00	2400	075	-15.1	00	308	00	00	00	232	000	00	000	0	0
24	00	2400	000	-16.1	00	309	00	00	00	232	000	00	000	0	0
25	00	2400	075	-17.1	00	309	00	00	00	232	000	00	000	0	0
26	00	2400	000	-18.1	00	309	00	00	00	232	000	00	000	0	0
27	00	2400	075	-19.1	00	309	00	00	00	232	000	00	000	0	0
28	00	2400	000	-20.1	00	309	00	00	00	232	000	00	000	0	0
29	00	2400	075	-21.1	00	309	00	00	00	232	000	00	000	0	0
30	00	2400	000	-22.1	00	309	00	00	00	232	000	00	000	0	0
31	00	2400	075	-23.1	00	309	00	00	00	232	000	00	000	0	0
32	00	2400	000	-24.1	00	309	00	00	00	232	000	00	000	0	0
33	00	2400	075	-25.1	00	309	00	00	00	232	000	00	000	0	0
34	00	2400	000	-26.1	00	309	00	00	00	232	000	00	000	0	0
35	00	2400	075	-27.1	00	309	00	00	00	232	000	00	000	0	0
36	00	2400	000	-28.1	00	309	00	00	00	232	000	00	000	0	0
37	00	2400	075	-29.1	00	309	00	00	00	232	000	00	000	0	0
38	00	2400	000	-30.1	00	309	00	00	00	232	000	00	000	0	0
39	00	2400	075	-31.1	00	309	00	00	00	232	000	00	000	0	0
40	00	2400	000	-32.1	00	309	00	00	00	232	000	00	000	0	0
41	00	2400	075	-33.1	00	309	00	00	00	232	000	00	000	0	0
42	00	2400	000	-34.1	00	309	00	00	00	232	000	00	000	0	0
43	00	2400	075	-35.1	00	309	00	00	00	232	000	00	000	0	0
44	00	2400	000	-36.1	00	309	00	00	00	232	000	00	000	0	0
45	00	2400	075	-37.1	00	309	00	00	00	232	000	00	000	0	0
46	00	2400	000	-38.1	00	309	00	00	00	232	000	00	000	0	0
47	00	2400	075	-39.1	00	309	00	00	00	232	000	00	000	0	0
48	00	2400	000	-40.1	00	309	00	00	00	232	000	00	000	0	0
49	00	2400	075	-41.1	00	309	00	00	00	232	000	00	000	0	0
50	00	2400	000	-42.1	00	309	00	00	00	232	000	00	000	0	0
51	00	2400	075	-43.1	00	309	00	00	00	232	000	00	000	0	0
52	00	2400	000	-44.1	00	309	00	00	00	232	000	00	000	0	0
53	00	2400	075	-45.1	00	309	00	00	00	232	000	00	000	0	0
54	00	2400	000	-46.1	00	309	00	00	00	232	000	00	000	0	0
55	00	2400	075	-47.1	00	309	00	00	00	232	000	00	000	0	0
56	00	2400	000	-48.1	00	309	00	00	00	232	000	00	000	0	0
57	00	2400	075	-49.1	00	309	00	00	00	232	000	00	000	0	0
58	00	2400	000	-50.1	00	309	00	00	00	232	000	00	000	0	0
59	00	2400	075	-51.1	00	309	00	00	00	232	000	00	000	0	0
60	00	2400	000	-52.1	00	309	00	00	00	232	000	00	000	0	0

\* 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 STRATHUM EXCEEDS 5 CONTACTS

49

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 433  
SALEM, ILLINOIS  
2 MAY 1982  
5:15 GMT

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	POI T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00	07	175.0	1000.0	19.4	99.9	999.9	99.9	99.9	99.9	292.5	999.9	99.9	99.9	0	0
00	08	180.2	1000.0	19.4	99.9	999.9	99.9	99.9	99.9	292.5	999.9	99.9	99.9	0	0
00	09	397.7	975.0	16.6	67.7	999.9	99.9	2.7	99.9	293.0	310.3	6.0	48.0	0	114
01	10	619.7	950.0	16.6	56.0	311.7	3.6	2.7	99.9	294.0	310.3	6.0	48.0	0	124
02	11	846.2	925.0	14.7	49.3	320.4	2.4	1.6	99.9	294.9	310.3	5.9	52.0	0	126
03	12	1577.3	900.0	13.0	43.9	7.3	1.9	-0.2	99.9	294.9	310.3	5.9	52.0	0	131
04	13	1313.2	875.0	10.8	36.0	25.9	3.0	-1.4	99.9	295.0	308.8	5.0	54.1	0	143
05	14	1554.0	850.0	8.3	28.0	23.1	4.0	-1.6	99.9	295.1	307.6	4.5	55.0	0	158
06	15	1800.1	825.0	6.3	21.5	32.0	4.7	-2.4	99.9	295.5	306.5	4.4	57.2	0	170
07	16	2051.5	800.0	4.0	15.5	32.0	4.7	-2.4	99.9	295.5	306.5	4.4	62.4	1	179
08	17	2308.6	775.0	1.5	9.7	29.1	4.3	-2.1	99.9	295.4	304.0	4.0	62.4	1	188
09	18	2572.0	750.0	-0.7	3.6	34.8	2.2	0.7	99.9	295.4	304.0	2.9	59.3	1	188
10	19	2842.3	725.0	-2.2	-2.2	295.2	4.2	3.8	99.9	297.1	304.3	2.5	55.6	1	183
11	20	3121.6	700.0	-0.5	-3.7	292.0	5.6	5.2	99.9	301.9	304.3	2.0	55.3	1	172
12	21	3411.6	675.0	-1.4	-4.5	304.7	6.9	5.7	99.9	304.0	306.5	0.7	55.3	1	163
13	22	3711.6	650.0	-3.7	-8.0	309.0	8.4	7.5	99.9	305.9	308.6	0.7	55.0	2	151
14	23	4022.1	625.0	-6.2	-11.7	300.1	8.6	8.2	99.9	308.2	310.6	0.7	55.0	3	145
15	24	4342.9	600.0	-8.9	-14.4	301.8	9.7	8.7	99.9	309.0	311.3	0.6	55.0	4	141
16	25	4674.3	575.0	-11.7	-17.4	302.9	10.9	9.1	99.9	309.0	311.3	0.6	55.0	4	138
17	26	5017.0	550.0	-14.3	-20.2	309.6	10.1	7.8	99.9	310.3	312.7	0.4	55.0	5	136
18	27	5371.5	525.0	-17.5	-23.1	318.5	10.6	6.8	99.9	312.5	313.5	0.3	55.0	6	136
19	28	5739.3	500.0	-20.6	-26.0	318.1	10.3	5.1	99.9	312.5	313.5	0.3	55.0	6	136
20	29	6121.2	475.0	-23.8	-28.8	317.9	9.9	4.6	99.9	314.6	316.0	0.2	55.0	7	136
21	30	6519.5	450.0	-26.8	-31.3	310.3	9.9	4.6	99.9	316.7	316.0	0.2	55.0	8	136
22	31	6936.3	425.0	-29.5	-34.0	301.2	10.8	4.9	99.9	316.7	317.2	0.1	55.0	9	135
23	32	7372.4	400.0	-32.3	-36.6	295.0	11.7	4.9	99.9	316.7	317.2	0.1	55.0	9	133
24	33	7829.5	375.0	-35.4	-39.6	301.0	14.2	10.6	99.9	318.3	317.9	0.1	55.0	10	130
25	34	8310.2	350.0	-37.4	-42.4	300.0	14.2	12.2	99.9	318.3	318.0	0.1	55.0	12	130
26	35	8818.0	325.0	-41.4	-46.9	285.5	18.7	14.4	99.9	319.8	318.0	99.9	99.9	14	129
27	36	9358.0	300.0	-45.7	-50.9	283.3	18.7	15.3	99.9	321.0	318.0	99.9	99.9	16	129
28	37	9929.9	275.0	-50.2	-55.9	285.5	20.9	18.3	99.9	322.5	318.0	99.9	99.9	19	126
29	38	10545.3	250.0	-55.1	-59.9	288.0	23.6	21.1	99.9	324.2	318.0	99.9	99.9	22	125
30	39	11211.5	225.0	-59.6	-64.5	288.0	24.8	23.6	99.9	324.2	318.0	99.9	99.9	26	123
40	40	11942.5	200.0	-61.5	-69.9	285.5	24.9	24.4	99.9	327.1	318.0	99.9	99.9	30	120
41	41	12769.4	175.0	-65.0	-74.9	285.5	21.5	20.7	99.9	335.4	318.0	99.9	99.9	34	118
42	42	13728.4	150.0	-69.9	-79.9	297.4	15.4	19.2	99.9	348.7	318.0	99.9	99.9	39	117
43	43	14865.9	125.0	-74.9	-84.9	295.6	13.7	17.7	99.9	385.2	318.0	99.9	99.9	44	118
44	44	16253.1	100.0	-80.0	-89.9	295.6	15.4	13.7	99.9	410.6	318.0	99.9	99.9	48	117
45	45	18047.6	75.0	-87.6	-95.9	305.7	18.6	12.4	99.9	447.1	318.0	99.9	99.9	53	117
46	46	20043.8	50.0	-95.6	-99.9	358.8	3.1	7.0	99.9	507.8	318.0	99.9	99.9	55	118
47	47	25019.9	25.0	-99.9	-99.9	35.7	3.9	0.1	99.9	630.4	318.0	99.9	99.9	55	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. 433  
SALEM, ILLINOIS  
2 MAY 1982  
1100 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES INB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT I DC K	E FOT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0 0	7 0	175.0	1001.2	9.9	8.5	270.0	1.6	0.0	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	2.0	-0.2	0.0	293.8	301.5	6.9	87.0	0.0	23
0 6	9 7	400.1	975.0	17.9	4.9	273.3	3.1	-3.5	0.0	293.2	308.2	5.6	42.3	0.4	163
1 6	12 3	622.0	950.0	10.9	3.1	298.7	3.4	-1.7	0.0	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	3.1	-1.9	0.0	294.8	307.3	4.8	41.9	0.5	132
3 3	17 7	1078.4	900.0	12.7	1.3	318.8	2.0	-3.2	0.0	294.6	307.4	4.3	45.3	0.7	134
4 1	20 3	1212.0	875.0	10.3	-0.3	324.4	2.3	-3.2	0.0	294.5	306.3	4.1	47.6	0.9	135
4 9	23 0	1555.2	850.0	8.1	-1.4	325.3	1.7	-3.7	0.0	294.6	305.9	3.9	51.4	1.1	138
5 6	25 8	1800.7	825.0	5.8	-2.3	333.2	2.2	-4.3	0.0	294.7	305.6	3.8	56.0	1.3	141
6 6	31 3	2051.6	800.0	3.3	-3.3	338.4	1.6	-4.7	0.0	294.7	305.2	3.6	61.9	1.6	146
7 7	34 1	2308.1	775.0	0.9	-3.7	341.6	1.0	-4.7	0.0	294.7	305.0	3.6	67.3	1.9	148
8 8	38 9	2570.7	750.0	-1.5	-3.4	344.4	1.0	-4.6	0.0	294.9	305.7	3.7	71.7	2.2	150
9 8	39 8	2840.0	725.0	-4.0	-4.9	344.4	1.0	-4.6	0.0	295.5	305.7	3.7	76.8	2.4	150
10 6	42 7	3118.7	700.0	-3.0	-4.9	344.4	1.0	-4.6	0.0	295.5	305.7	3.7	81.9	2.6	150
11 6	45 6	3404.7	675.0	-4.0	-4.9	344.4	1.0	-4.6	0.0	298.1	303.7	3.9	87.0	2.9	148
12 7	48 6	3702.9	650.0	-3.9	-22.3	300.3	5.9	-3.5	0.0	302.3	305.2	3.9	92.0	3.4	143
13 8	51 6	4011.2	625.0	-5.5	-22.8	297.2	9.0	-4.1	0.0	304.5	307.5	3.9	97.1	4.0	139
14 4	54 8	4330.5	600.0	-7.4	-22.4	304.2	12.0	-6.8	0.0	306.2	309.4	3.9	102.0	5.1	137
15 1	57 8	4661.4	575.0	-8.8	-26.8	309.7	15.3	-9.8	0.0	309.9	312.3	3.7	107.0	6.3	135
16 9	61 0	5004.3	550.0	-11.4	-30.4	310.0	17.7	-10.8	0.0	309.9	312.3	3.7	112.0	7.4	133
17 6	64 3	5358.9	525.0	-14.4	-34.1	304.1	19.8	-11.6	0.0	311.2	312.3	3.7	117.0	8.7	132
18 9	67 6	5727.1	500.0	-17.1	-31.5	307.0	14.1	-7.6	0.0	312.6	314.4	3.7	122.0	11.7	131
20 1	71 0	6108.4	475.0	-20.5	-32.7	310.7	13.0	-8.5	0.0	313.4	315.3	3.7	127.0	13.0	131
23 3	74 6	6921.6	450.0	-23.7	-36.6	310.2	11.1	-9.4	0.0	314.4	315.3	3.7	132.0	14.5	131
24 7	78 1	7355.3	400.0	-27.3	-38.5	312.8	12.3	-11.3	0.0	315.5	316.0	3.3	140.0	16.5	131
26 1	81 8	7811.4	375.0	-30.4	-43.1	307.3	15.4	-11.1	0.0	317.2	318.0	3.3	145.0	18.5	131
28 9	85 7	8291.2	350.0	-33.5	-45.7	305.8	19.0	-11.1	0.0	317.5	318.1	3.3	150.0	20.7	130
31 8	89 6	8797.1	325.0	-38.0	-49.9	313.7	21.4	-14.8	0.0	318.7	319.9	3.3	155.0	23.4	131
33 7	93 7	9334.5	300.0	-42.0	-59.9	314.4	14.7	-18.4	0.0	320.5	319.9	3.3	160.0	26.3	133
35 9	98 0	9806.8	275.0	-51.1	-66.9	324.8	13.3	-18.9	0.0	321.2	319.9	3.3	165.0	29.0	133
38 4	102 5	10518.5	250.0	-56.4	-69.9	322.2	16.1	-19.9	0.0	322.2	319.9	3.3	170.0	31.6	133
40 7	107 3	11182.4	225.0	-61.7	-69.9	310.4	18.5	-19.9	0.0	326.2	319.9	3.3	175.0	34.3	135
43 1	112 0	11815.2	200.0	-68.0	-69.9	310.4	15.8	-14.0	0.0	335.2	319.9	3.3	180.0	38.5	134
46 5	117 4	12750.5	175.0	-58.0	-69.9	309.6	11.1	-11.2	0.0	354.2	319.9	3.3	185.0	41.8	134
50 0	123 0	13721.4	150.0	-58.3	-69.9	307.8	18.1	-8.8	0.0	369.7	319.9	3.3	190.0	46.0	133
54 2	129 2	14870.7	125.0	-58.2	-69.9	303.0	13.6	-8.6	0.0	414.1	319.9	3.3	195.0	51.7	132
58 1	136 0	16272.4	100.0	-58.8	-69.9	307.1	14.2	-8.6	0.0	454.0	319.9	3.3	200.0	57.2	132
62 4	143 7	18084.5	75.0	-58.8	-69.9	313.2	9.1	-8.2	0.0	515.0	319.9	3.3	205.0	64.3	133
65 7	152 0	20659.5	50.0	-54.3	-69.9	357.1	4.3	-4.3	0.0	632.4	319.9	3.3	210.0	72.3	135
68 9	161 0	25114.4	25.0	-53.0	-69.9	90.6	-4.3	-4.3	0.0						

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

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 451  
DODGE CITY, KANSAS  
1 MAY 1115 GMT 1982

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RYO 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 0
0 0	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 0	99 9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 0	99 9	99 9	950 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 3	15 7	855 0	925 0	11 0	8 7	218 6	1 4	1 4	1 4	280 6	310 7	7 7	85 6	0 2	25
1 1	18 4	1082 6	900 0	9 7	7 9	198 7	2 1	0 6	2 0	281 6	311 2	7 5	81 3	0 3	19
2 9	21 2	1317 2	875 0	7 6	6 2	205 0	2 8	2 3	2 6	292 3	309 0	6 2	91 1	0 5	26
3 5	24 0	1555 6	850 0	5 9	4 5	214 2	3 9	3 5	3 0	292 5	309 0	5 9	97 6	0 8	38
4 3	26 8	1799 6	825 0	3 7	3 4	218 6	3 9	3 2	1 3	283 5	308 7	4 8	85 3	0 8	32
5 1	29 5	2049 5	800 0	2 2	0 1	248 6	3 0	3 0	-0 4	286 3	308 7	4 0	14 5	1 0	52
6 3	32 3	2572 3	775 0	5 3	-20 5	272 2	2 9	2 9	0 6	302 3	305 4	1 0	13 4	1 0	52
7 3	35 2	2848 4	750 0	4 5	-20 4	240 7	1 1	1 1	0 8	304 4	307 7	1 0	14 7	1 1	53
8 4	41 0	3133 1	700 0	3 0	-21 2	172 2	0 3	-0 3	1 9	305 8	309 0	1 0	19 6	1 2	47
8 8	44 0	3427 1	675 0	1 7	-19 1	112 3	2 0	0 6	2 3	307 9	315 2	1 2	43 8	1 1	44
10 8	47 0	3729 6	650 0	-0 9	-20 5	244 2	5 5	5 0	2 4	309 3	313 1	2 3	24 3	1 4	51
11 9	50 1	4041 4	625 0	-2 8	-13 3	250 8	6 6	6 6	2 0	309 2	315 0	2 3	56 0	1 9	51
13 2	53 2	4363 0	600 0	-5 9	-20 8	268 9	6 2	6 6	0 0	310 0	315 0	1 6	45 5	2 4	56
14 4	56 4	4684 6	575 0	-8 5	-33 2	285 2	6 3	5 4	-3 0	314 0	315 5	0 4	11 4	2 7	64
15 6	59 6	5039 7	550 0	-6 5	-33 8	295 2	6 3	7 5	-3 5	315 4	316 8	0 4	13 0	2 7	62
17 1	62 9	5398 6	525 0	-10 9	-35 9	309 5	6 6	8 0	-3 2	316 3	317 5	0 3	12 6	2 7	60
18 5	66 1	5772 0	500 0	-13 7	-38 3	320 5	10 4	10 2	-2 6	318 1	318 1	0 3	12 6	2 7	60
19 8	69 5	6160 1	475 0	-16 1	-40 0	330 5	9 6	9 4	-2 0	318 6	318 6	0 3	12 6	2 7	60
21 4	73 1	6584 9	450 0	-18 6	-40 0	340 5	9 4	9 4	-2 0	318 6	318 6	0 3	12 6	2 7	60
22 9	76 6	6986 5	425 0	-23 2	-38 9	350 3	10 0	9 1	-4 2	319 3	320 6	0 3	22 3	2 7	60
24 6	80 3	7428 6	400 0	-27 3	-37 5	363 3	11 1	9 3	-6 1	319 5	320 6	0 4	36 6	2 7	60
26 2	84 1	7887 5	375 0	-31 5	-40 4	379 0	14 4	12 8	-8 5	319 9	321 0	0 3	40 9	2 7	60
28 0	88 0	8373 6	350 0	-34 3	-52 2	396 6	18 1	16 1	-8 1	322 5	322 8	0 1	14 2	2 9	104
29 9	92 0	8887 5	325 0	-38 7	-56 1	414 9	15 9	14 5	-6 7	323 3	323 6	0 1	13 6	11 9	104
32 0	96 0	9432 2	300 0	-42 7	-59 9	438 1	14 2	13 5	-3 9	325 2	323 6	0 1	13 6	13 7	105
34 1	100 5	10013 5	275 0	-47 6	-66 9	479 6	13 7	13 5	-2 3	328 3	323 6	0 1	13 6	15 5	104
36 5	105 0	10638 3	250 0	-52 5	-69 9	511 0	14 6	14 6	-0 3	328 3	323 6	0 1	13 6	17 4	104
39 8	109 7	11310 9	225 0	-57 0	-76 9	559 9	16 2	15 9	2 8	331 1	323 6	0 1	13 6	19 5	101
41 4	114 6	12046 6	200 0	-62 2	-82 2	607 4	18 0	18 0	0 8	334 2	323 6	0 1	13 6	22 0	98
44 5	120 0	12865 3	175 0	-63 8	-88 8	663 7	17 1	18 7	-4 0	334 4	323 6	0 1	13 6	25 0	98
48 0	125 8	13614 9	150 0	-61 0	-96 8	721 7	15 6	14 7	-5 6	344 9	323 6	0 1	13 6	28 0	100
51 6	132 2	14845 4	125 0	-60 6	-99 8	784 9	15 3	13 9	-6 4	364 9	323 6	0 1	13 6	32 1	101
56 6	139 3	16332 1	100 0	-60 1	-99 9	856 8	12 1	11 7	-5 3	415 9	323 6	0 1	13 6	35 9	102
62 5	147 3	18119 3	75 0	-60 6	-99 9	936 8	9 9	7 2	-5 4	445 9	323 6	0 1	13 6	39 9	103
70 1	156 7	20674 2	50 0	-56 9	-99 9	1021 1	5 6	1 3	-5 5	509 9	323 6	0 1	13 6	42 7	105
82 0	167 3	25113 8	25 0	-52 2	-99 9	1113 9	99 9	99 9	99 9	634 9	323 6	0 1	13 6	40 7	108

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



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 451  
DODGE CITY, KANSAS  
1 MAY 1982  
1415 GMT

TIME MIN	CHTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT LG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MY RTD 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
00 9	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	999
00 9	99 9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	999
00 9	99 9	99 9	950 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	999
0 2	13 4	863 1	925 0	10 5	8 1	180 9	5 2	0 0	5 2	290 7	309 3	7 4	85 5	0	2 344
0 6	15 5	1091 0	900 0	8 9	7 4	180 9	5 2	0 1	5 2	290 7	309 3	7 4	85 5	0	2 350
1 8	17 6	1324 0	875 0	7 2	5 6	190 1	4 0	1 2	3 9	291 3	308 6	6 5	89 6	0	3 356
2 8	20 1	1562 1	850 0	5 6	3 8	199 9	3 7	1 4	3 5	292 0	307 8	5 9	88 1	0	3 356
3 5	22 5	1805 8	825 0	3 4	2 7	202 5	3 3	2 5	3 5	292 2	307 5	5 7	95 2	0	3 356
4 3	24 9	2055 1	800 0	2 1	-2 5	202 5	3 3	2 5	3 5	292 2	307 5	5 7	95 2	0	3 356
5 2	27 3	2312 5	775 0	4 7	-15 2	252 0	3 3	1 1	2 1	293 4	304 5	4 0	25 1	1	1 1 23
6 0	29 7	2578 7	750 0	4 7	-8 4	235 2	3 3	1 1	2 1	293 4	304 5	4 0	25 1	1	1 1 23
7 0	32 2	2835 8	725 0	4 2	-19 7	228 7	3 3	1 2	2 2	305 7	311 5	3 2	35 5	1	1 5 26
8 8	34 6	3140 6	700 0	2 9	-20 2	208 0	2 5	1 2	2 2	305 7	311 5	3 2	35 5	1	1 5 26
10 0	40 1	3737 0	675 0	1 8	-19 7	143 4	1 5	0 4	1 0	307 8	314 2	2 1	42 6	1	1 7 27
11 3	42 9	4049 0	650 0	-2 9	-13 7	170 0	0 4	0 4	1 3	309 4	316 6	2 1	38 0	2	2 3 25
12 4	45 8	4371 0	625 0	-5 8	-13 3	250 8	0 8	0 1	1 3	309 4	316 6	2 1	38 0	2	2 3 25
13 6	48 7	4703 3	600 0	-7 3	-13 3	279 6	0 5	0 8	-1 0	311 4	318 2	1 1	55 4	2	2 3 44
14 7	51 0	5048 5	575 0	-6 2	-33 3	298 5	0 4	0 4	-3 8	314 3	315 8	0 4	11 1	2	2 8 66
16 0	54 9	5408 5	550 0	-6 2	-33 3	298 5	0 4	0 4	-3 8	314 3	315 8	0 4	11 1	2	2 8 66
17 3	57 9	5781 3	525 0	-10 9	-35 8	284 2	0 3	0 3	-3 2	316 4	317 5	0 4	17 0	2	3 2 82
18 8	61 1	6168 0	500 0	-17 4	-35 8	284 2	0 3	0 3	-3 2	316 4	317 5	0 4	17 0	2	3 2 82
20 1	64 0	6571 9	475 0	-23 2	-38 5	266 3	0 3	0 3	-2 7	318 2	319 6	0 3	20 2	2	3 4 78
21 7	67 2	6983 1	450 0	-27 2	-38 5	266 3	0 3	0 3	-2 7	318 2	319 6	0 3	20 2	2	3 4 78
23 2	71 8	7433 5	425 0	-30 6	-37 1	301 7	0 1	0 0	-4 8	318 2	321 1	0 4	38 1	2	3 5 95
24 8	75 8	7885 0	400 0	-36 1	-37 1	293 1	0 2	0 0	-7 4	318 2	321 1	0 4	38 1	2	3 5 95
26 5	79 9	8332 8	375 0	-42 7	-43 2	292 3	0 2	0 0	-6 2	320 8	322 2	0 2	43 9	2	3 7 100
28 4	84 2	8782 9	350 0	-48 7	-43 2	292 3	0 2	0 0	-5 5	321 5	323 7	0 1	43 9	2	3 7 100
30 1	88 5	9232 2	325 0	-53 6	-53 6	287 5	0 2	0 0	-4 3	323 2	323 7	0 1	43 9	2	3 7 100
32 2	93 2	9682 6	300 0	-58 7	-53 6	287 5	0 2	0 0	-3 7	323 2	323 7	0 1	43 9	2	3 7 100
34 3	98 2	10132 2	275 0	-64 4	-53 6	287 5	0 2	0 0	-3 7	323 2	323 7	0 1	43 9	2	3 7 100
36 5	103 5	11317 0	250 0	-71 5	-53 6	275 0	0 2	0 0	-3 7	323 2	323 7	0 1	43 9	2	3 7 100
38 8	109 0	12055 6	225 0	-80 4	-53 6	268 3	0 6	0 6	-0 9	330 4	333 2	0 3	88 8	2	4 2 102
41 5	115 0	12881 1	200 0	-83 5	-53 6	292 5	0 6	0 6	-0 9	330 4	333 2	0 3	88 8	2	4 2 102
44 6	121 5	13631 1	175 0	-80 7	-53 6	301 5	0 6	0 6	-7 1	335 4	335 4	0 3	88 8	2	4 2 102
48 3	128 3	14363 3	150 0	-80 7	-53 6	301 5	0 6	0 6	-7 1	335 4	335 4	0 3	88 8	2	4 2 102
52 5	135 3	15055 7	125 0	-59 6	-53 6	296 6	0 6	0 6	-6 3	342 5	342 5	0 3	88 8	2	4 2 102
58 2	143 3	16345 9	100 0	-59 6	-53 6	300 3	0 6	0 6	-5 8	412 5	412 5	0 3	88 8	2	4 2 102
65 2	151 3	18145 9	75 0	-57 0	-53 6	316 3	0 6	0 6	-3 5	508 2	508 2	0 3	88 8	2	4 2 102
76 0	159 7	25155 8	25 0	-51 2	-53 6	96 3	0 6	0 6	-0 3	637 8	637 8	0 3	88 8	2	4 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 8 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL FROM  
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 RTG GM/KG	RH PCT	RAFCG MM	AZ DG
0 0	12 3	781 0	932 0	14 4	9 4	170 0	4 1	-0 7	4 0	293 3	314 5	8 0	72 0	0 0	0 0
00 9	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
00 9	99 9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
00 9	99 9	99 9	950 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 3	12 9	883 7	925 0	12 9	99 9	153 1	4 2	-1 9	3 7	282 5	312 2	7 4	72 0	0 0	3 35
1 1	15 2	1083 5	900 0	10 8	8 5	152 8	4 4	-2 0	3 9	282 6	313 2	7 8	85 7	0 0	3 34
1 9	17 5	1327 9	875 0	8 5	6 7	175 6	4 1	-0 3	4 1	292 6	311 4	7 1	88 5	0 0	3 31
2 8	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 0	3 3
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	88 8	0 0	3 3
4 7	24 5	2082 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	100 4	1 2	17
6 7	28 4	2568 3	750 0	3 6	-5 1	189 2	3 6	0 6	3 6	300 5	310 5	3 0	53 1	1 7	27
7 7	31 9	2803 4	725 0	3 4	-7 7	168 1	2 7	0 8	2 6	303 2	311 9	3 0	44 4	1 9	25
8 7	34 5	3046 6	700 0	3 2	-2 1	188 7	2 1	0 5	2 1	302 8	311 2	1 8	13 1	2 0	22
9 7	37 1	3240 0	675 0	2 0	-2 1	174 5	4 2	-0 4	4 2	307 9	311 2	1 8	13 1	2 0	22
10 9	39 9	3443 1	650 0	-0 6	-15 4	189 3	4 1	3 5	4 0	306 1	312 6	2 0	31 6	2 5	18
12 1	42 6	4055 3	625 0	-2 9	-20 2	237 3	5 0	5 0	2 2	309 2	315 3	2 0	31 6	2 5	18
13 4	45 4	4377 7	600 0	-5 1	-26 2	277 1	4 1	3 5	2 2	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	1 0	30 3	3 0	27
16 3	51 4	5060 1	550 0	-7 0	-38 9	300 0	4 1	5 0	2 2	315 8	317 4	0 4	11 6	3 1	34
17 6	54 5	5420 7	525 0	-10 1	-45 7	292 0	7 2	6 6	2 3	318 3	317 7	0 4	12 4	3 3	50
19 0	57 7	5784 0	500 0	-13 7	-53 1	285 1	6 9	8 2	2 4	318 9	318 5	0 4	12 4	3 3	50
20 3	61 0	6181 4	475 0	-17 0	-61 6	274 5	9 5	9 2	0 8	318 4	319 9	0 5	12 4	3 3	50
22 3	64 4	6565 3	450 0	-19 8	-69 7	271 9	11 2	11 2	0 4	319 0	321 1	0 6	12 4	3 3	50
24 0	68 0	7006 4	425 0	-23 4	-77 6	278 0	10 8	10 7	0 1	319 1	321 1	0 6	12 4	3 3	50
25 8	71 7	7448 5	400 0	-27 6	-85 7	292 6	13 5	12 4	5 2	321 1	321 1	0 2	14 7	3 4	79
27 6	75 7	7897 0	375 0	-30 6	-93 7	292 6	13 5	12 4	5 2	321 1	321 1	0 2	14 7	3 4	79
29 3	78 7	8394 0	350 0	-34 2	-101 6	301 6	14 4	14 4	5 0	322 6	322 7	0 1	14 9	3 4	79
31 2	83 8	8897 3	325 0	-38 6	-109 6	289 2	15 2	14 4	3 0	323 6	323 7	0 1	14 9	3 4	79
33 2	88 4	9453 5	300 0	-42 4	-117 6	281 6	14 7	14 4	3 0	325 7	325 7	0 1	14 9	3 4	79
35 4	93 2	10036 5	275 0	-46 2	-125 6	264 9	11 9	9 8	6 8	328 3	328 3	0 1	14 9	3 4	79
37 4	98 0	10663 8	250 0	-50 8	-133 6	319 7	11 8	7 5	9 9	330 8	330 8	0 1	14 9	3 4	79
38 6	103 4	11241 0	225 0	-55 8	-141 6	317 0	13 0	6 9	9 9	331 5	331 5	0 1	14 9	3 4	79
42 2	109 0	12080 4	200 0	-60 7	-149 6	311 3	15 0	11 2	9 9	332 7	332 7	0 1	14 9	3 4	79
44 9	115 0	12804 3	175 0	-64 7	-157 6	307 5	15 6	12 4	9 9	343 2	343 2	0 1	14 9	3 4	79
47 9	121 5	1357 4	150 0	-68 1	-165 6	294 9	13 1	14 2	4 8	368 8	368 8	0 1	14 9	3 4	79
51 1	128 5	14390 6	125 0	-61 1	-173 6	291 7	15 7	14 2	6 6	384 4	384 4	0 1	14 9	3 4	79
55 0	135 7	15283 0	100 0	-60 7	-181 6	305 2	10 4	8 5	6 0	410 4	410 4	0 1	14 9	3 4	79
60 3	143 7	16180 8	75 0	-57 7	-189 6	304 6	7 1	5 8	4 1	420 0	420 0	0 1	14 9	3 4	79
67 2	151 7	17073 2	50 0	-57 3	-197 6	276 8	3 0	3 0	4 0	468 6	468 6	0 1	14 9	3 4	79
99 9	99 9	99 9	25 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9

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Y 9

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 451  
DODGE CITY, KANSAS  
1 MAY 1982  
2015 GMT

TIME MIN	CRTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	WIND 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
00	127	791.0	932.0	18.1	8.3	180.0	4.1	-1.4	3.9	295.1	315.0	7.4	80.0	0.0	0.0
01	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	59.9	999.9	999.9	999.9
02	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
03	133	855.1	950.0	14.9	8.1	178.6	6.7	-0.2	6.7	294.6	314.3	7.4	999.9	999.9	999.9
04	157	1086.2	900.0	12.0	8.0	176.6	6.2	-0.4	6.2	293.7	315.3	8.0	81.8	0.4	355
05	181	1321.7	875.0	9.5	7.9	176.6	6.1	-0.4	6.0	293.7	315.0	8.1	94.2	0.7	355
06	205	1582.1	825.0	7.9	7.4	193.7	6.1	3.5	5.3	284.4	314.7	7.6	97.8	1.0	357
07	229	1806.2	800.0	6.2	5.9	213.6	6.3	5.2	5.3	285.2	313.9	7.1	97.8	1.3	5
08	254	2006.5	800.0	4.7	4.7	227.5	7.5	5.6	5.1	289.2	318.2	6.6	97.8	1.5	12
09	279	2318.8	775.0	3.1	4.3	224.0	6.2	4.3	4.5	301.2	315.3	4.8	97.8	2.2	27
10	303	2587.5	750.0	1.6	4.3	224.0	4.4	3.4	4.4	302.8	314.0	4.4	98.2	2.7	29
11	328	2863.2	700.0	0.5	3.1	224.6	4.4	2.9	3.1	305.4	312.1	2.0	98.2	3.0	30
12	353	3147.5	675.0	0.5	2.5	212.9	4.4	2.3	3.7	309.5	315.8	2.6	98.2	3.4	30
13	378	3441.9	650.0	0.5	1.9	212.9	4.4	3.8	3.8	311.6	313.7	0.8	98.2	3.8	31
14	403	3745.7	625.0	-2.1	1.1	242.1	4.2	3.0	-0.6	315.4	317.5	0.8	98.2	4.2	31
15	428	4059.1	600.0	-3.9	0.4	315.0	4.2	2.0	-3.5	316.6	317.9	0.5	98.2	4.6	31
16	453	4372.4	575.0	-6.8	0.0	323.8	4.4	2.8	-3.7	317.8	318.3	0.6	98.2	5.0	31
17	478	4685.4	550.0	-9.8	0.0	314.2	5.3	3.2	-4.0	317.8	319.8	0.8	98.2	5.4	31
18	503	5000.4	525.0	-12.7	0.0	302.5	7.4	4.0	-4.1	318.3	320.9	0.8	98.2	5.8	31
19	528	5315.4	500.0	-15.6	0.0	284.7	9.5	8.6	-2.8	318.4	321.7	0.4	98.2	6.2	31
20	553	5630.4	475.0	-18.3	0.0	280.6	11.0	10.6	-2.4	318.4	322.5	0.2	98.2	6.6	31
21	578	5945.4	450.0	-21.1	0.0	282.6	12.0	13.0	-5.4	321.8	322.5	0.1	98.2	7.0	31
22	603	6260.4	425.0	-23.8	0.0	292.6	14.0	13.0	-5.0	322.3	322.8	0.1	98.2	7.4	31
23	628	6575.4	400.0	-26.5	0.0	290.6	14.0	9.8	-7.3	324.5	324.9	0.1	98.2	7.8	31
24	653	6890.4	375.0	-29.2	0.0	294.0	10.7	7.0	-7.0	326.7	327.0	0.1	98.2	8.2	31
25	678	7205.4	350.0	-31.9	0.0	317.2	10.3	8.7	-8.3	327.9	329.9	99.9	999.9	8.6	103
26	703	7520.4	325.0	-34.6	0.0	311.7	12.5	9.8	-8.3	329.2	330.2	99.9	999.9	9.0	103
27	728	7835.4	300.0	-37.3	0.0	308.2	12.5	9.8	-7.7	330.2	330.2	99.9	999.9	9.4	103
28	753	8150.4	275.0	-40.0	0.0	308.2	14.2	11.2	-7.7	333.1	333.1	99.9	999.9	9.8	103
29	778	8465.4	250.0	-42.7	0.0	307.5	16.7	12.6	-10.9	337.0	337.0	99.9	999.9	10.2	103
30	803	8780.4	225.0	-45.4	0.0	307.5	15.2	14.0	-9.6	345.2	339.9	99.9	999.9	10.6	103
31	828	9095.4	200.0	-48.1	0.0	285.8	15.2	14.5	-8.4	388.3	339.9	99.9	999.9	11.0	103
32	853	9410.4	175.0	-50.8	0.0	293.8	12.3	10.4	-6.4	387.3	339.9	99.9	999.9	11.4	103
33	878	9725.4	150.0	-53.5	0.0	302.4	10.4	7.8	-6.8	411.5	339.9	99.9	999.9	11.8	103
34	903	10040.4	125.0	-56.2	0.0	311.1	8.8	5.2	-3.0	440.8	339.9	99.9	999.9	12.2	103
35	928	10355.4	100.0	-58.9	0.0	324.2	3.8	2.2	-3.0	510.8	339.9	99.9	999.9	12.6	103
36	953	10670.4	75.0	-61.6	0.0	324.2	3.8	2.2	-3.0	510.8	339.9	99.9	999.9	13.0	103
37	978	10985.4	50.0	-64.3	0.0	324.2	3.8	2.2	-3.0	510.8	339.9	99.9	999.9	13.4	103
38	1003	11300.4	25.0	-67.0	0.0	324.2	3.8	2.2	-3.0	510.8	339.9	99.9	999.9	13.8	103
39	1028	11615.4	0.0	-69.7	0.0	324.2	3.8	2.2	-3.0	510.8	339.9	99.9	999.9	14.2	103
40	1053	11930.4	0.0	-72.4	0.0	324.2	3.8	2.2	-3.0	510.8	339.9	99.9	999.9	14.6	103
41	1078	12245.4	0.0	-75.1	0.0	324.2	3.8	2.2	-3.0	510.8	339.9	99.9	999.9	15.0	103
42	1103	12560.4	0.0	-77.8	0.0	324.2	3.8	2.2	-3.0	510.8	339.9	99.9	999.9	15.4	103
43	1128	12875.4	0.0	-80.5	0.0	324.2	3.8	2.2	-3.0	510.8	339.9	99.9	999.9	15.8	103
44	1153	13190.4	0.0	-83.2	0.0	324.2	3.8	2.2	-3.0	510.8	339.9	99.9	999.9	16.2	103
45	1178	13505.4	0.0	-85.9	0.0	324.2	3.8	2.2	-3.0	510.8	339.9	99.9	999.9	16.6	103
46	1203	13820.4	0.0	-88.6	0.0	324.2	3.8	2.2	-3.0	510.8	339.9	99.9	999.9	17.0	103
47	1228	14135.4	0.0	-91.3	0.0	324.2	3.8	2.2	-3.0	510.8	339.9	99.9	999.9	17.4	103
48	1253	14450.4	0.0	-94.0	0.0	324.2	3.8	2.2	-3.0	510.8	339.9	99.9	999.9	17.8	103
49	1278	14765.4	0.0	-96.7	0.0	324.2	3.8	2.2	-3.0	510.8	339.9	99.9	999.9	18.2	103
50	1303	15080.4	0.0	-99.4	0.0	324.2	3.8	2.2	-3.0	510.8	339.9	99.9	999.9	18.6	103
51	1328	15395.4	0.0	-102.1	0.0	324.2	3.8	2.2	-3.0	510.8	339.9	99.9	999.9	19.0	103
52	1353	15710.4	0.0	-104.8	0.0	324.2	3.8	2.2	-3.0	510.8	339.9	99.9	999.9	19.4	103
53	1378	16025.4	0.0	-107.5	0.0	324.2	3.8	2.2	-3.0	510.8	339.9	99.9	999.9	19.8	103
54	1403	16340.4	0.0	-110.2	0.0	324.2	3.8	2.2	-3.0	510.8	339.9	99.9	999.9	20.2	103
55	1428	16655.4	0.0	-112.9	0.0	324.2	3.8	2.2	-3.0	510.8	339.9	99.9	999.9	20.6	103
56	1453	16970.4	0.0	-115.6	0.0	324.2	3.8	2.2	-3.0	510.8	339.9	99.9	999.9	21.0	103
57	1478	17285.4	0.0	-118.3	0.0	324.2	3.8	2.2	-3.0	510.8	339.9	99.9	999.9	21.4	103
58	1503	17600.4	0.0	-121.0	0.0	324.2	3.8	2.2	-3.0	510.8	339.9	99.9	999.9	21.8	103
59	1528	17915.4	0.0	-123.7	0.0	324.2	3.8	2.2	-3.0	510.8	339.9	99.9	999.9	22.2	103
60	1553	18230.4	0.0	-126.4	0.0	324.2	3.8	2.2	-3.0	510.8	339.9	99.9	999.9	22.6	103

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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 451  
DODGE CITY, KANSAS  
1 MAY 23 15 GMT 1982

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DC C	DEM PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0 0	13 8	781 0	930 0	16 1	6 3	180 0	6 2	0 0	6 2	295 3	315 3	7 4	60 0	0 0	0 0
00 9	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
00 9	99 9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
00 9	99 9	99 9	950 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
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 6	7 7	294 0	316 5	8 5	85 9	0 5	4 4
1 9	18 2	1303 7	875 0	9 9	9 4	184 0	6 3	0 6	6 3	294 1	316 0	8 5	85 9	0 9	3 4
2 7	24 2	1544 5	850 0	8 1	7 8	194 6	6 1	2 7	7 8	294 6	315 5	7 8	98 0	1 3	4 4
3 4	26 6	1780 8	825 0	6 6	6 3	209 0	7 4	3 0	6 1	295 3	315 5	6 9	98 0	1 7	9 9
4 5	28 4	2043 8	800 0	5 3	5 0	214 4	7 4	4 2	6 1	300 1	315 5	6 2	98 0	2 1	14 7
5 4	28 4	2323 6	775 0	5 9	2 9	231 0	6 3	4 8	4 0	300 1	315 5	4 7	98 0	2 4	17 2
6 3	32 1	2572 2	750 0	4 0	1 2	236 3	5 5	4 6	3 0	302 1	315 5	3 8	98 0	2 4	17 2
7 3	34 8	2848 6	725 0	2 2	-4 6	242 7	4 3	4 2	2 2	303 9	314 7	3 3	98 0	2 6	22 5
8 3	37 4	3133 2	700 0	2 2	-6 6	242 7	4 3	4 3	2 2	304 9	314 7	3 3	98 0	2 6	22 5
9 3	40 1	3426 5	675 0	1 9	-8 7	230 9	4 9	4 0	3 1	309 9	316 6	2 5	98 0	3 3	33 1
10 3	42 9	3730 4	650 0	0 9	-11 1	232 2	4 9	3 8	3 1	310 2	316 9	2 2	98 0	3 6	33 3
11 4	45 8	4044 0	625 0	-2 8	-13 3	248 3	3 6	3 3	1 3	312 9	314 7	2 5	98 0	3 9	34 4
12 5	48 6	4367 6	600 0	-2 8	-30 1	286 6	2 9	2 8	-1 3	312 9	314 7	2 5	98 0	4 1	4 0
13 7	51 5	4704 5	575 0	-4 0	-30 7	324 3	4 0	2 9	-4 1	315 4	318 0	0 5	98 0	4 0	4 0
14 9	54 3	5053 3	550 0	-6 7	-30 7	324 3	5 0	2 9	-4 1	315 4	318 0	0 5	98 0	4 0	4 0
16 2	57 6	5414 3	525 0	-10 0	-30 8	321 2	7 5	4 4	-6 7	318 4	318 3	0 6	98 0	4 0	4 5
17 5	60 6	5786 3	500 0	-13 2	-30 8	321 2	9 9	4 6	-7 7	318 4	318 3	0 7	98 0	4 0	4 5
18 8	63 9	6178 7	475 0	-16 3	-31 3	296 6	6 6	6 2	-6 4	318 3	319 8	0 5	98 0	4 0	4 5
20 1	67 1	6560 6	450 0	-19 8	-31 2	296 6	10 8	6 6	-6 4	318 3	319 8	0 5	98 0	4 0	4 5
21 5	70 4	6944 1	425 0	-22 9	-31 2	296 6	13 8	6 6	-6 4	318 3	319 8	0 5	98 0	4 0	4 5
23 0	73 9	7444 1	400 0	-26 1	-31 2	296 6	17 7	16 2	-7 1	318 3	323 1	1 0	98 0	4 0	4 5
24 6	77 3	7808 0	375 0	-29 1	-31 2	296 6	17 7	16 2	-7 1	318 3	323 1	1 0	98 0	4 0	4 5
26 3	81 0	8398 0	350 0	-32 6	-31 2	303 2	13 2	11 0	-7 2	323 1	323 5	0 1	98 0	4 0	4 5
28 2	84 7	8915 8	325 0	-37 0	-31 2	314 6	11 1	7 9	-7 2	323 1	323 5	0 1	98 0	4 0	4 5
30 1	88 6	9484 1	300 0	-41 6	-31 2	314 6	10 5	7 4	-7 4	323 7	325 9	0 1	98 0	4 0	4 5
32 1	92 7	10047 8	275 0	-45 6	-31 2	314 6	9 9	9 9	-9 9	325 8	325 9	0 1	98 0	4 0	4 5
34 9	96 9	99 9	250 0	-49 9	-31 2	314 6	9 9	9 9	-9 9	327 8	327 8	99 9	99 9	12 0	107 9
36 8	99 9	99 9	225 0	-54 9	-31 2	314 6	9 9	9 9	-9 9	99 9	99 9	99 9	99 9	99 9	99 9
38 8	99 9	99 9	200 0	-59 9	-31 2	314 6	9 9	9 9	-9 9	99 9	99 9	99 9	99 9	99 9	99 9
40 8	99 9	99 9	175 0	-64 9	-31 2	314 6	9 9	9 9	-9 9	99 9	99 9	99 9	99 9	99 9	99 9
42 8	99 9	99 9	150 0	-69 9	-31 2	314 6	9 9	9 9	-9 9	99 9	99 9	99 9	99 9	99 9	99 9
44 8	99 9	99 9	125 0	-74 9	-31 2	314 6	9 9	9 9	-9 9	99 9	99 9	99 9	99 9	99 9	99 9
46 8	99 9	99 9	100 0	-79 9	-31 2	314 6	9 9	9 9	-9 9	99 9	99 9	99 9	99 9	99 9	99 9
48 8	99 9	99 9	75 0	-84 9	-31 2	314 6	9 9	9 9	-9 9	99 9	99 9	99 9	99 9	99 9	99 9
50 8	99 9	99 9	50 0	-89 9	-31 2	314 6	9 9	9 9	-9 9	99 9	99 9	99 9	99 9	99 9	99 9
52 8	99 9	99 9	25 0	-94 9	-31 2	314 6	9 9	9 9	-9 9	99 9	99 9	99 9	99 9	99 9	99 9
54 8	99 9	99 9	0 0	-99 9	-31 2	314 6	9 9	9 9	-9 9	99 9	99 9	99 9	99 9	99 9	99 9

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

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 451  
DODGE CITY, KANSAS  
2 MAY 1982  
215 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0	0	791	929	14.4	9.0	185	5.1	-1.3	4.9	293	314	7.8	70	0	0
00	59	1000	929	9.0	9.0	99	9.9	3.9	9.9	99	99	9.9	99	0	99
00	59	975	925	9.0	9.0	99	9.9	9.9	9.9	99	99	9.9	99	0	99
00	59	950	925	9.0	9.0	99	9.9	9.9	9.9	99	99	9.9	99	0	99
01	14	832	925	13.4	9.5	188	6.5	-1.2	6.4	293	314	8.1	77	4	0
01	14	800	925	11.5	9.6	170	8.2	-1.4	8.1	293	315	8.5	80	4	0
01	17	1063	900	10.2	7.3	177	9.0	-0.4	8.9	294	315	8.1	87	9	0
01	18	1298	875	9.2	7.3	196	9.9	3.8	8.8	295	316	7.2	87	9	1
02	24	1540	850	8.0	6.1	212	9.9	3.8	8.8	297	317	7.6	87	9	1
02	25	1787	825	6.0	5.7	217	8.8	4.8	8.6	299	317	7.2	87	9	1
04	28	2041	800	6.0	5.7	238	7.8	4.8	8.6	304	317	5.6	87	9	1
04	30	2301	775	5.0	5.0	242	7.0	6.3	8.0	305	317	4.4	87	9	1
05	33	2570	750	5.0	5.0	248	5.5	5.1	7.8	307	317	3.5	87	9	1
05	36	2848	725	2.9	-3.8	257	5.4	5.1	7.8	308	318	2.5	87	9	1
05	39	3134	700	2.9	-3.8	257	5.4	5.1	7.8	311	318	2.5	87	9	1
05	42	3426	675	0.2	-11.0	287	3.6	5.1	7.8	313	318	2.5	87	9	1
05	45	3721	650	-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	48	4014	625	-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	51	4308	600	-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	54	4602	575	-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	57	4896	550	-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	60	5190	525	-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	63	5484	500	-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	66	5778	475	-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	69	6072	450	-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	72	6366	425	-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	75	6660	400	-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	78	6954	375	-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	81	7248	350	-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	84	7542	325	-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	87	7836	300	-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	90	8130	275	-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	93	8424	250	-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	96	8718	225	-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	99	9012	200	-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	102	9306	175	-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	105	9600	150	-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	108	9894	125	-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	111	10188	100	-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	114	10382	75	-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	117	10576	50	-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	120	10770	25	-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	123	10964	0	-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	126	11158		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	129	11352		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	132	11546		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	135	11740		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	138	11934		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	141	12128		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	144	12322		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	147	12516		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	150	12710		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	153	12904		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	156	13098		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	159	13292		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	162	13486		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	165	13680		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	168	13874		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	171	14068		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	174	14262		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	177	14456		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	180	14650		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	183	14844		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	186	15038		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	189	15232		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	192	15426		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	195	15620		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	198	15814		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	201	16008		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	204	16202		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	207	16396		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	210	16590		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	213	16784		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	216	16978		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	219	17172		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	222	17366		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	225	17560		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	228	17754		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	231	17948		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	234	18142		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	237	18336		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	240	18530		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	243	18724		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	246	18918		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	249	19112		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	252	19306		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	255	19500		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	258	19694		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	261	19888		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	264	20082		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	267	20276		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	270	20470		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	273	20664		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	276	20858		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	1
05	279	21052		-0.2	-11.0	287	3.6	5.1	7.8	314	318	2.5	87	9	

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 451  
DODGE CITY, KANSAS  
2 MAY 1982  
515 GMT

TIME MIN	CRTGT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V 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	927 2	11 7	6 4	150 0	3 1	-1 6	2 7	290 8	310 4	7 5	80 0	0 0	0
00 9	99 9	99 9	101 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999
00 9	99 9	99 9	97 3	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999
00 9	99 9	99 9	95 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999
00 9	99 9	99 9	92 5	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999
00 9	99 9	99 9	90 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999
00 9	99 9	99 9	87 5	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999
00 9	99 9	99 9	85 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999
00 9	99 9	99 9	82 5	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999
00 9	99 9	99 9	80 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999
00 9	99 9	99 9	77 5	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999
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00 9	99 9	99 9	7 5	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999
00 9	99 9	99 9	5 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999
00 9	99 9	99 9	2 5	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999
00 9	99 9	99 9	0 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	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



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 456  
TOPEKA, KANSAS  
1 MAY 1982  
1105 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00	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
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999
0.5	9.0	416.5	975.0	12.4	10.5	100.2	3.9	-3.8	0.7	287.8	308.9	8.2	88.6	0.0	205
1.3	11.3	634.9	950.0	12.6	17.3	99.1	1.7	-1.7	0.3	290.0	307.9	6.8	70.6	0.0	263
2.0	13.6	856.5	925.0	11.1	4.4	211.5	0.4	0.2	0.3	290.0	305.8	5.7	63.7	0.2	265
4.2	16.4	1086.3	900.0	8.7	3.2	274.6	0.9	0.8	-0.1	290.4	304.8	5.4	68.3	0.2	262
5.8	18.4	1318.6	875.0	6.4	3.1	262.4	0.6	0.8	0.1	290.5	305.1	5.5	79.2	0.1	254
7.3	20.3	1555.9	850.0	4.1	3.0	262.4	0.6	0.8	0.1	290.5	305.1	5.5	92.6	999.9	999
8.4	22.3	1799.1	825.0	2.0	3.0	262.4	0.6	0.8	0.1	290.5	305.1	5.5	97.3	999.9	999
9.2	23.6	2042.2	800.0	0.7	3.3	273.4	2.0	2.0	-0.1	281.9	305.2	4.9	97.1	999.9	999
10.2	25.0	2285.6	775.0	1.0	3.3	273.4	1.4	1.3	0.0	284.9	305.2	3.7	70.2	0.4	60
11.1	31.0	2528.2	750.0	-1.4	3.1	273.4	0.6	-0.6	0.3	285.0	296.0	0.3	6.8	0.4	77
12.2	33.7	2771.6	725.0	-1.9	3.1	273.4	0.6	-0.6	0.3	301.6	302.9	0.4	6.5	0.3	84
13.2	36.4	3118.6	700.0	1.2	3.0	315.9	2.9	3.0	-2.1	303.8	305.3	0.4	7.5	0.4	104
14.1	39.2	3410.3	675.0	-0.3	3.1	285.7	3.2	3.1	-0.9	305.3	306.8	0.5	6.4	0.6	107
15.3	42.1	3711.1	650.0	-1.7	3.0	301.9	3.0	3.0	-1.6	307.0	308.3	0.4	7.2	0.7	107
16.3	45.0	4021.5	625.0	-3.0	3.1	318.3	5.6	4.2	-4.2	308.1	309.3	0.3	7.3	1.0	115
17.5	48.0	4342.9	600.0	-5.3	3.1	310.1	6.0	4.5	-3.0	310.9	311.8	0.3	7.1	1.4	122
18.6	51.1	4675.4	575.0	-7.6	3.2	303.3	4.4	2.9	-3.2	311.5	312.4	0.2	7.0	2.1	123
19.8	54.3	5019.1	550.0	-9.8	3.1	318.3	4.4	1.6	-3.4	312.1	312.9	0.2	8.6	2.4	126
21.1	57.6	5374.0	525.0	-12.0	3.0	332.0	3.2	1.5	-2.6	312.1	312.9	0.2	8.6	2.4	126
22.4	61.0	5743.8	500.0	-14.2	3.0	332.0	3.2	1.5	-2.6	312.1	312.9	0.2	8.6	2.4	126
23.7	64.5	6127.5	475.0	-16.4	3.0	332.0	3.2	1.5	-2.6	312.1	312.9	0.2	8.6	2.4	126
25.0	68.1	6527.8	450.0	-18.6	3.0	332.0	3.2	1.5	-2.6	312.1	312.9	0.2	8.6	2.4	126
26.2	71.9	6940.2	425.0	-20.8	3.0	332.0	3.2	1.5	-2.6	312.1	312.9	0.2	8.6	2.4	126
27.5	75.6	7364.1	400.0	-22.9	3.0	332.0	3.2	1.5	-2.6	312.1	312.9	0.2	8.6	2.4	126
28.8	79.4	7802.9	375.0	-24.9	3.0	332.0	3.2	1.5	-2.6	312.1	312.9	0.2	8.6	2.4	126
30.3	84.2	8246.1	350.0	-26.8	3.0	332.0	3.2	1.5	-2.6	312.1	312.9	0.2	8.6	2.4	126
32.2	89.7	8693.6	325.0	-28.6	3.0	332.0	3.2	1.5	-2.6	312.1	312.9	0.2	8.6	2.4	126
34.4	93.4	9138.1	300.0	-29.2	3.0	332.0	3.2	1.5	-2.6	312.1	312.9	0.2	8.6	2.4	126
36.7	98.3	9580.5	275.0	-29.8	3.0	332.0	3.2	1.5	-2.6	312.1	312.9	0.2	8.6	2.4	126
39.1	103.5	10003.5	250.0	-29.8	3.0	332.0	3.2	1.5	-2.6	312.1	312.9	0.2	8.6	2.4	126
41.7	109.0	11257.0	225.0	-29.8	3.0	332.0	3.2	1.5	-2.6	312.1	312.9	0.2	8.6	2.4	126
44.0	114.7	11591.5	200.0	-29.8	3.0	332.0	3.2	1.5	-2.6	312.1	312.9	0.2	8.6	2.4	126
47.0	121.0	12810.6	175.0	-29.8	3.0	332.0	3.2	1.5	-2.6	312.1	312.9	0.2	8.6	2.4	126
51.7	127.7	13760.0	150.0	-29.8	3.0	332.0	3.2	1.5	-2.6	312.1	312.9	0.2	8.6	2.4	126
56.3	134.2	14800.7	125.0	-29.8	3.0	332.0	3.2	1.5	-2.6	312.1	312.9	0.2	8.6	2.4	126
61.0	142.2	16225.1	100.0	-29.8	3.0	332.0	3.2	1.5	-2.6	312.1	312.9	0.2	8.6	2.4	126
66.4	149.7	18077.1	75.0	-29.8	3.0	332.0	3.2	1.5	-2.6	312.1	312.9	0.2	8.6	2.4	126
71.5	157.5	20050.6	50.0	-29.8	3.0	332.0	3.2	1.5	-2.6	312.1	312.9	0.2	8.6	2.4	126
81.3	166.0	25062.5	25.0	-29.8	3.0	332.0	3.2	1.5	-2.6	312.1	312.9	0.2	8.6	2.4	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 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  
1500 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DC K	E POT T DEG K	MX RTC GM/KG	RH PLT	RANGE KM	AZ DEG
00	7	288	993.2	12.6	11.2	50.0	1.0	-1.2	-1.0	288.5	308.2	8.5	90.0	0.0	0.0
01	9	1000.0	993.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02	8	423.3	995.0	11.5	8.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03	11	649.7	995.0	11.4	8.8	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04	13	883.6	995.0	10.5	4.3	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05	17	1041.2	995.0	6.6	3.1	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
06	18	1323.4	995.0	6.1	2.3	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
07	21	1580.4	995.0	4.2	2.0	53.7	0.9	0.7	-0.5	280.6	304.0	5.3	98.2	0.5	259
08	23	1802.8	825.0	2.1	1.7	347.8	0.9	0.2	0.9	292.8	304.9	5.3	98.9	0.5	255
09	26	2080.9	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
10	28	2357.3	775.0	1.3	0.4	202.5	1.9	0.7	1.8	292.2	306.0	4.1	98.0	0.5	263
11	31	2570.2	750.0	2.0	2.0	285.2	2.2	0.8	0.4	292.2	306.0	4.1	98.0	0.5	274
12	34	2782.8	725.0	1.4	2.3	285.2	2.2	0.4	-0.4	304.3	304.5	0.7	11.7	0.4	262
13	37	3013.3	700.0	2.0	2.1	321.9	2.9	1.8	-2.2	304.3	304.5	0.7	12.4	0.5	241
14	39	3248.3	675.0	0.2	2.8	289.4	4.7	4.1	-3.4	305.5	307.6	0.7	12.0	0.5	204
15	42	3479.6	650.0	-1.5	2.7	289.4	4.2	3.8	-2.3	307.2	309.3	0.6	11.8	0.5	163
16	44	3710.6	625.0	-3.9	2.4	321.6	4.0	2.0	-1.0	309.0	311.0	0.6	11.0	0.7	155
17	47	3941.6	600.0	-5.1	2.7	326.7	3.9	2.0	-3.3	310.2	313.0	0.5	12.0	1.0	152
18	50	4172.6	575.0	-7.4	3.1	311.3	2.6	1.9	-3.3	310.2	313.0	0.5	12.1	1.2	153
19	53	4403.7	550.0	-10.4	3.5	283.9	2.6	2.2	-0.6	311.8	313.1	0.4	12.2	1.3	149
20	56	4634.7	525.0	-13.1	3.8	278.3	2.6	2.0	-0.4	312.7	313.9	0.3	12.6	1.4	143
21	59	4865.7	500.0	-15.8	4.0	999.9	99.9	99.9	99.9	313.7	314.7	0.2	12.7	1.6	138
22	02	5096.7	475.0	-18.2	4.0	999.9	99.9	99.9	99.9	313.7	315.1	0.2	12.8	1.8	138
23	05	5327.0	450.0	-21.5	4.0	999.9	99.9	99.9	99.9	316.2	315.1	0.2	12.9	1.9	138
24	08	5558.0	425.0	-24.1	4.0	999.9	99.9	99.9	99.9	316.2	316.7	0.2	14.8	2.0	138
25	11	5789.0	400.0	-26.8	4.0	999.9	99.9	99.9	99.9	316.2	318.7	0.2	14.8	2.0	138
26	14	6020.0	375.0	-29.5	4.0	999.9	99.9	99.9	99.9	316.2	318.7	0.2	14.8	2.0	138
27	17	6251.0	350.0	-32.2	4.0	999.9	99.9	99.9	99.9	316.2	318.7	0.2	14.8	2.0	138
28	20	6482.0	325.0	-35.0	4.0	999.9	99.9	99.9	99.9	316.2	318.7	0.2	14.8	2.0	138
29	23	6713.0	300.0	-37.7	4.0	999.9	99.9	99.9	99.9	316.2	318.7	0.2	14.8	2.0	138
30	26	6944.0	275.0	-40.5	4.0	999.9	99.9	99.9	99.9	316.2	318.7	0.2	14.8	2.0	138
31	29	7175.0	250.0	-43.2	4.0	999.9	99.9	99.9	99.9	316.2	318.7	0.2	14.8	2.0	138
32	32	7406.0	225.0	-46.0	4.0	999.9	99.9	99.9	99.9	316.2	318.7	0.2	14.8	2.0	138
33	35	7637.0	200.0	-48.7	4.0	999.9	99.9	99.9	99.9	316.2	318.7	0.2	14.8	2.0	138
34	38	7868.0	175.0	-51.5	4.0	999.9	99.9	99.9	99.9	316.2	318.7	0.2	14.8	2.0	138
35	41	8099.0	150.0	-54.2	4.0	999.9	99.9	99.9	99.9	316.2	318.7	0.2	14.8	2.0	138
36	44	8330.0	125.0	-57.0	4.0	999.9	99.9	99.9	99.9	316.2	318.7	0.2	14.8	2.0	138
37	47	8561.0	100.0	-59.7	4.0	999.9	99.9	99.9	99.9	316.2	318.7	0.2	14.8	2.0	138
38	50	8792.0	75.0	-62.5	4.0	999.9	99.9	99.9	99.9	316.2	318.7	0.2	14.8	2.0	138
39	53	9023.0	50.0	-65.2	4.0	999.9	99.9	99.9	99.9	316.2	318.7	0.2	14.8	2.0	138
40	56	9254.0	25.0	-68.0	4.0	999.9	99.9	99.9	99.9	316.2	318.7	0.2	14.8	2.0	138
41	59	9485.0	0.0	-70.7	4.0	999.9	99.9	99.9	99.9	316.2	318.7	0.2	14.8	2.0	138
42	02	9716.0	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9
43	05	9947.0	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9
44	08	10108.0	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9
45	11	10719.0	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9
46	14	11330.0	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9
47	17	11941.0	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9
48	20	12552.0	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9
49	23	13163.0	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9
50	26	13774.0	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9
51	29	14385.0	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9
52	32	14996.0	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9
53	35	15607.0	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9
54	38	16218.0	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9
55	41	16829.0	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9
56	44	17440.0	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9
57	47	18051.0	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9
58	50	18662.0	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9
59	53	19273.0	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9
60	56	19884.0	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9

\* 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 FACTORY  
OF POOR QUALITY

STATION NO. 458  
TOPEKA, KANSAS

1 MAY 1982  
1700 GMT

TIME MM	CRCTG	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	W SPEED M/SEC	W COMP M/SEC	POT T DG K	E POT T DG K	MX RTG GM/KG	RH PCT	RANGE KM
00	7.5	200.0	993.4	16.7	11.0	140.0	1.8	-1.0	280.4	312.1	8.3	89.0	0.0
01	9.0	99.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02	9.4	430.7	975.0	14.1	10.1	999.9	99.9	99.9	289.3	310.2	8.0	77.0	99.9
03	11.0	645.4	950.0	12.2	6.4	999.9	99.9	99.9	289.6	308.8	7.3	77.7	99.9
04	14.4	600.0	925.0	11.2	4.0	999.9	99.9	99.9	289.6	308.5	5.9	64.9	99.9
05	16.8	1097.2	900.0	9.3	3.5	135.5	0.8	0.8	281.2	305.8	5.5	67.4	99.9
06	18.5	1250.2	875.0	7.1	2.7	181.1	1.0	0.3	281.2	305.6	5.4	74.5	99.9
07	19.5	1500.1	850.0	5.2	2.3	183.0	1.4	0.4	281.6	308.3	5.5	84.2	99.9
08	22.1	1811.4	825.0	3.0	2.3	223.2	1.7	1.2	282.8	308.6	5.2	95.0	99.9
09	27.3	2000.0	800.0	1.5	2.2	223.9	2.2	0.7	283.9	286.6	4.6	97.2	99.9
10	30.0	2310.7	775.0	0.1	1.5	331.5	2.3	-1.3	302.7	286.6	4.1	97.2	99.9
11	32.0	2502.0	750.0	0.1	0.9	331.5	0.9	-0.9	304.2	307.6	4.1	14.7	99.9
12	33.0	2850.3	725.0	4.3	-1.9	999.9	99.9	99.9	305.6	308.8	4.0	15.1	99.9
13	37.0	3142.0	700.0	2.0	-2.0	999.9	99.9	99.9	307.1	999.9	4.0	15.3	99.9
14	40.4	3436.3	675.0	1.3	-2.0	999.9	99.9	99.9	309.3	311.1	3.9	15.5	99.9
15	43.7	3728.7	650.0	-0.8	-2.5	999.9	99.9	99.9	309.3	312.5	3.8	15.5	99.9
16	46.2	4020.8	625.0	-2.2	-2.8	999.9	2.2	1.1	311.3	313.6	3.7	15.4	99.9
17	48.7	4312.8	600.0	-4.2	-2.8	253.2	1.4	1.3	311.9	313.9	3.6	15.5	99.9
18	51.1	4604.8	575.0	-6.7	-3.0	253.2	2.4	2.4	312.6	314.2	3.5	15.6	99.9
19	53.1	4896.8	550.0	-9.7	-3.0	280.0	3.3	3.2	313.8	315.4	3.4	15.7	99.9
20	55.1	5188.8	525.0	-12.1	-3.2	280.0	4.4	4.3	315.0	316.4	3.3	15.8	99.9
21	57.1	5480.8	500.0	-15.0	-3.2	279.4	5.4	5.3	316.5	317.7	3.2	15.9	99.9
22	59.1	5772.8	475.0	-17.3	-3.1	281.5	6.4	6.1	317.5	318.4	3.1	16.0	99.9
23	61.1	6064.8	450.0	-20.5	-3.4	285.0	8.4	8.1	318.5	319.5	3.0	16.1	99.9
24	63.1	6356.8	425.0	-23.0	-3.6	288.5	10.4	10.1	319.7	320.6	2.9	16.2	99.9
25	65.1	6648.8	400.0	-25.7	-4.0	295.0	11.0	10.9	319.7	320.4	2.8	16.3	99.9
26	67.1	6940.8	375.0	-28.3	-4.3	296.0	11.4	11.2	321.0	321.7	2.7	16.4	99.9
27	69.1	7232.8	350.0	-30.5	-4.5	288.3	12.4	12.3	322.7	323.1	2.6	16.5	99.9
28	71.1	7524.8	325.0	-32.8	-4.8	285.0	13.9	13.7	324.0	999.9	2.5	16.6	99.9
29	73.1	7816.8	300.0	-34.8	-4.9	285.0	15.1	14.5	325.2	999.9	2.4	16.7	99.9
30	75.1	8108.8	275.0	-36.8	-5.0	288.3	16.4	15.6	326.2	999.9	2.3	16.8	99.9
31	77.1	8400.8	250.0	-38.4	-5.0	288.3	18.0	16.8	327.0	999.9	2.2	16.9	99.9
32	79.1	8692.8	225.0	-40.4	-5.0	288.3	19.2	17.0	328.0	999.9	2.1	17.0	99.9
33	81.1	8984.8	200.0	-42.5	-5.0	289.7	20.2	17.0	328.6	999.9	2.0	17.1	99.9
34	83.1	9276.8	175.0	-44.5	-5.0	288.3	21.8	18.4	329.6	999.9	1.9	17.2	99.9
35	85.1	9568.8	150.0	-46.5	-5.0	285.0	23.4	19.2	330.6	999.9	1.8	17.3	99.9
36	87.1	9860.8	125.0	-48.5	-5.0	283.4	25.0	20.0	331.6	999.9	1.7	17.4	99.9
37	89.1	10152.8	100.0	-50.5	-5.0	311.0	27.0	21.1	434.9	999.9	1.6	17.5	99.9
38	91.1	10444.8	75.0	-52.5	-5.0	310.7	29.0	22.1	516.3	999.9	1.5	17.6	99.9
39	93.1	10736.8	50.0	-54.0	-5.0	999.9	31.0	23.1	642.8	999.9	1.4	17.7	99.9
40	95.1	11028.8	25.0	-55.5	-5.0	999.9	99.9	99.9	999.9	999.9	1.3	17.8	99.9

\* 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  
 \*\*\* BY TEMP MEANS MISSING DATA STATION EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 456  
TOPEKA, KANSAS  
1 MAY 2000 GMT 1982

TIME MIN	CRCT	WIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIA DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT T DG K	WIND CM/SEC	RH PCT	RANGE KM	AZ DG
00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
01	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
02	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
03	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
04	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
05	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
06	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
07	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
08	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
09	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
10	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
11	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
12	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
13	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
14	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
15	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
16	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
17	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
18	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
19	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
20	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
21	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
22	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
23	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
24	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
25	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
26	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
27	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
28	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
29	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
30	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
31	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
32	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
33	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
34	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
35	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
36	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
37	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
38	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
39	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
40	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
41	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
42	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
43	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
44	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
45	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
46	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
47	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
48	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
49	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
50	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
51	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
52	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
53	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
54	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
55	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
56	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
57	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
58	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
59	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
60	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00

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

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 456  
TOPEKA, KANSAS  
1 MAY 1982  
2305 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED K/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MK RTO GM/KG	RH PCT	RANGE KM	153	13	0
00	7.9	268.0	990.4	17.8	9.9	130.0	4.1	-3.1	2.6	291.8	312.3	7.8	80.0	0.0	0.0	0.0	0.0
05	99.3	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
10	9.3	402.0	975.0	17.0	7.2	134.1	3.0	-1.4	2.7	292.3	309.8	6.5	82.5	0.3	0.3	0.3	0.3
14	11.7	622.9	950.0	14.6	6.8	140.8	2.7	-1.0	1.2	292.5	309.3	6.3	82.4	0.4	0.4	0.4	0.4
23	14.2	847.9	925.0	12.9	5.9	147.2	1.6	0.7	0.6	292.7	308.9	6.1	82.3	0.4	0.4	0.4	0.4
30	16.7	1077.8	900.0	10.8	5.0	153.6	0.9	0.6	0.5	293.1	308.5	5.8	82.3	0.4	0.4	0.4	0.4
38	19.2	1311.8	875.0	8.9	3.8	159.2	1.2	0.6	0.5	293.2	308.5	5.0	82.3	0.4	0.4	0.4	0.4
48	21.7	1551.3	850.0	6.8	1.5	165.4	2.2	0.2	0.3	293.5	307.6	5.2	82.3	0.4	0.4	0.4	0.4
56	24.2	1795.9	825.0	4.7	1.2	171.5	3.0	0.0	0.3	293.5	307.6	5.2	82.3	0.4	0.4	0.4	0.4
66	26.6	2045.9	800.0	2.2	1.2	177.5	3.0	0.0	0.3	293.5	307.6	5.2	82.3	0.4	0.4	0.4	0.4
75	29.4	2303.5	775.0	5.7	0.9	183.0	1.8	1.6	0.9	302.4	308.8	1.4	19.2	0.0	0.0	0.0	0.0
85	32.1	2571.3	750.0	5.4	0.7	188.2	1.5	0.7	1.4	302.4	308.8	1.4	20.0	0.0	0.0	0.0	0.0
95	34.7	2847.4	725.0	3.8	0.9	193.5	1.5	0.9	3.4	305.1	309.3	1.4	21.0	0.0	0.0	0.0	0.0
105	37.3	3131.6	700.0	2.3	1.7	198.8	4.8	2.4	4.2	307.7	311.7	1.3	21.0	0.0	0.0	0.0	0.0
115	40.1	3424.9	675.0	1.7	2.3	204.1	4.8	2.4	2.3	308.7	312.4	1.2	20.3	0.0	0.0	0.0	0.0
126	42.9	3728.1	650.0	0.2	2.3	209.4	3.9	3.5	1.8	308.6	312.4	0.9	20.3	0.0	0.0	0.0	0.0
137	45.7	4040.5	625.0	-2.5	2.4	214.7	3.7	3.1	2.1	310.5	313.4	0.8	20.3	0.0	0.0	0.0	0.0
148	48.4	4363.0	600.0	-4.9	2.4	219.9	3.7	3.0	2.3	311.2	313.4	0.6	20.3	0.0	0.0	0.0	0.0
159	51.3	4695.8	575.0	-7.5	2.4	225.2	4.4	3.6	2.3	312.5	314.7	0.5	20.1	0.0	0.0	0.0	0.0
171	54.3	5040.4	550.0	-9.8	2.5	230.4	4.4	4.1	2.3	312.5	314.7	0.5	20.1	0.0	0.0	0.0	0.0
184	57.3	5397.4	525.0	-12.9	2.5	235.7	4.4	4.1	2.3	312.5	314.7	0.5	20.1	0.0	0.0	0.0	0.0
198	60.4	5767.2	500.0	-15.9	2.5	240.9	4.9	4.9	2.3	313.7	316.4	0.5	21.5	0.0	0.0	0.0	0.0
211	63.5	6151.8	475.0	-18.7	2.5	246.1	5.2	5.2	2.3	313.7	316.4	0.5	21.5	0.0	0.0	0.0	0.0
224	66.6	6552.6	450.0	-21.3	2.5	251.3	5.5	5.2	2.3	314.8	317.9	0.4	21.5	0.0	0.0	0.0	0.0
237	69.8	6971.6	425.0	-24.7	2.5	256.5	5.5	5.2	2.3	316.5	319.8	0.4	21.5	0.0	0.0	0.0	0.0
250	73.3	7410.5	400.0	-28.0	2.5	261.7	10.7	10.8	2.3	318.6	321.4	0.3	21.5	0.0	0.0	0.0	0.0
263	76.7	7870.6	375.0	-31.0	2.5	266.9	12.5	10.8	2.3	318.6	321.4	0.2	21.5	0.0	0.0	0.0	0.0
276	80.1	8357.0	350.0	-34.0	2.5	272.1	11.9	8.6	2.3	320.6	323.5	0.2	21.5	0.0	0.0	0.0	0.0
289	83.6	8871.5	325.0	-36.7	2.5	277.3	11.9	8.6	2.3	323.3	323.5	0.1	21.5	0.0	0.0	0.0	0.0
302	87.7	9415.5	300.0	-43.4	2.5	282.5	12.6	9.7	2.3	324.2	323.5	0.1	21.5	0.0	0.0	0.0	0.0
315	91.7	9994.3	275.0	-48.0	2.5	287.7	12.6	9.7	2.3	324.2	323.5	0.1	21.5	0.0	0.0	0.0	0.0
328	95.8	10615.7	250.0	-53.5	2.5	292.9	15.6	11.0	2.3	325.7	323.5	0.1	21.5	0.0	0.0	0.0	0.0
341	100.2	11285.0	225.0	-58.0	2.5	298.1	16.7	11.4	2.3	326.5	323.5	0.1	21.5	0.0	0.0	0.0	0.0
354	105.0	12021.0	200.0	-60.8	2.5	303.5	20.2	12.9	2.3	328.7	323.5	0.1	21.5	0.0	0.0	0.0	0.0
367	109.8	12848.5	175.0	-62.5	2.5	308.9	20.6	16.5	2.3	328.8	323.5	0.1	21.5	0.0	0.0	0.0	0.0
380	115.2	13808.0	150.0	-62.5	2.5	314.2	20.6	16.5	2.3	328.8	323.5	0.1	21.5	0.0	0.0	0.0	0.0
393	121.0	14943.6	125.0	-62.0	2.5	319.5	17.9	14.4	2.3	327.4	323.5	0.1	21.5	0.0	0.0	0.0	0.0
406	127.7	16334.6	100.0	-59.6	2.5	324.8	13.0	10.1	2.3	327.4	323.5	0.1	21.5	0.0	0.0	0.0	0.0
419	135.2	18138.7	75.0	-59.6	2.5	330.1	8.6	6.4	2.3	412.6	323.5	0.1	21.5	0.0	0.0	0.0	0.0
432	143.7	20110.9	50.0	-57.3	2.5	335.4	5.0	4.6	2.3	447.6	323.5	0.1	21.5	0.0	0.0	0.0	0.0
445	154.0	25152.2	25.0	-51.4	2.5	340.7	2.0	0.9	2.3	508.5	323.5	0.1	21.5	0.0	0.0	0.0	0.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE ONLY TIME HAS 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  
2 MAY 1982  
205 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 DU K	E POT T D3 K	MK RTO GM/KG	PCI	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
0 5	9 9	99 9	1000 0	99 9	99 9	199 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	0
1 2	9 2	400 5	875 0	16 3	8 1	125 5	2 3	-2 4	0 6	281 3	309 8	7 0	58 7	0 1	316
2 0	14 4	845 6	825 0	14 8	7 0	105 5	2 0	-2 2	0 6	292 5	308 9	6 5	57 9	0 2	296
2 8	17 0	1075 1	800 0	11 0	3 5	17 0	3 1	-0 9	-1 2	282 5	307 7	5 5	59 5	0 3	275
3 6	19 7	1309 6	875 0	8 8	2 3	325 8	3 7	-0 1	-3 2	292 8	306 9	5 2	54 2	0 4	248
4 4	22 3	1548 8	850 0	6 8	1 1	301 7	4 8	2 2	-3 7	293 3	307 0	5 1	70 1	0 5	225
5 2	25 0	1793 2	825 0	4 4	1 0	288 5	4 2	4 0	-2 5	293 3	307 3	5 0	79 2	0 6	171
6 0	27 8	2300 6	800 0	2 0	1 0	290 6	4 4	4 1	-1 3	299 5	307 6	2 8	39 9	0 7	154
7 0	30 6	2868 4	775 0	5 4	-10 0	251 7	1 4	1 3	-0 4	302 4	308 4	1 3	17 3	0 7	147
8 8	38 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	148
9 8	38 9	3129 3	700 0	2 9	-19 3	337 2	2 2	0 9	-2 1	305 7	309 4	1 1	17 6	0 7	148
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 8	44 2	3724 8	650 0	-1 2	-22 4	323 2	4 5	2 7	-3 8	307 6	310 7	1 0	17 8	0 9	150
12 9	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	146
14 1	50 5	4388 1	600 0	-5 4	-26 2	319 7	3 1	2 0	-2 4	308 9	312 3	0 7	17 5	1 7	146
15 3	53 0	4880 2	575 0	-8 1	-28 3	342 1	3 0	0 9	-2 6	310 5	312 8	0 6	17 7	1 9	146
16 6	56 7	5333 5	550 0	-11 0	-30 3	340 3	3 3	0 9	-3 1	311 7	312 8	0 6	18 4	2 1	146
17 8	59 9	5758 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	148
19 1	63 0	6141 9	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	6541 4	475 0	-19 4	-33 9	326 6	7 5	4 1	-6 3	314 0	315 6	0 4	20 2	3 4	147
22 0	69 7	6958 7	450 0	-22 3	-35 4	318 4	9 5	6 3	-7 1	315 3	316 7	0 4	20 8	4 0	144
23 4	73 1	6958 7	425 0	-25 0	-38 8	313 6	11 2	8 1	-7 7	316 1	317 2	0 3	21 6	4 6	141
24 9	76 7	7396 1	400 0	-27 7	-41 5	318 4	12 1	8 0	-9 0	318 0	319 9	0 2	24 8	5 0	143
26 4	80 3	7857 1	375 0	-30 8	-44 3	312 2	12 4	9 2	-8 3	320 9	321 6	0 1	26 1	5 7	140
28 0	84 1	8343 1	350 0	-34 2	-47 3	317 2	13 3	8 3	-9 7	322 0	322 6	0 1	26 7	6 4	141
29 8	88 0	8855 8	325 0	-38 2	-51 1	328 1	15 7	6 3	-13 4	322 7	323 1	0 1	26 9	7 1	140
32 4	96 4	9398 8	300 0	-43 4	-55 1	328 2	17 6	9 3	-15 0	324 2	324 7	99 9	999 9	12 2	142
34 1	99 8	10598 2	275 0	-48 7	-59 9	325 7	18 3	10 3	-15 1	324 7	324 7	99 9	999 9	14 6	143
36 8	105 6	11288 2	250 0	-54 0	-64 7	333 6	20 1	8 6	-18 0	325 9	325 9	99 9	999 9	17 3	144
39 4	109 8	11994 5	225 0	-59 4	-69 9	329 3	23 2	8 5	-21 6	327 5	327 5	99 9	999 9	20 3	146
42 0	110 6	12814 2	200 0	-63 7	-73 9	325 3	24 0	12 3	-20 8	321 9	321 9	99 9	999 9	24 2	147
44 1	116 2	13788 9	175 0	-67 3	-78 9	312 6	22 6	10 6	-15 4	325 5	325 5	99 9	999 9	28 2	147
48 1	122 0	14899 7	150 0	-71 7	-83 9	311 9	22 0	10 4	-14 7	364 5	364 5	99 9	999 9	32 7	145
52 1	128 5	16286 7	125 0	-81 0	-89 9	314 9	16 5	11 7	-11 6	383 3	383 3	99 9	999 9	36 7	143
56 9	135 3	18286 7	100 0	-91 7	-95 9	322 5	13 9	10 3	-9 4	409 9	409 9	99 9	999 9	40 9	142
63 0	143 2	18067 3	75 0	-91 1	-99 9	327 2	9 4	5 1	-7 9	504 1	504 1	99 9	999 9	45 2	142
71 3	151 7	20811 0	50 0	-99 2	-99 9	328 7	5 3	-0 5	-5 2	625 8	625 8	99 9	999 9	48 5	146
84 2	180 3	25018 3	25 0	-99 4	-99 9	328 7	4 7	-0 2	-4 0	625 8	625 8	99 9	999 9	48 4	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

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00	8.2	268.0	990.5	10.0	8.3	60.0	1.0	-0.9	-0.5	283.9	301.7	7.0	88.0	0.0	0.0
00	99.9	1000.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05	9.5	401.2	950.0	15.7	8.9	138.6	3.6	-2.5	2.6	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	290.9	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	293.0	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	1795.6	825.0	4.6	2.6	289.7	3.6	3.4	-1.2	293.7	308.8	5.6	85.6	0.3	322
6.5	25.8	2045.6	800.0	2.3	-15.2	297.7	2.2	2.0	-1.0	293.6	308.2	1.9	27.8	0.1	356
7.3	28.3	2305.4	800.0	6.8	-12.7	299.6	1.9	1.6	-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	278.9	3.5	3.5	-0.3	303.5	306.3	1.8	24.0	0.1	65
9.3	33.4	2851.5	725.0	4.7	-14.1	286.1	3.1	2.6	-0.3	304.6	310.5	1.8	24.0	0.1	83
10.2	36.0	3136.2	700.0	2.8	-15.7	308.7	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	2.2	1.3	-1.6	307.0	311.6	1.5	24.2	0.8	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	1.1	25.1	0.9	115
14.6	47.1	4366.0	600.0	-5.2	-21.7	354.0	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	-3.2	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	-2.2	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	348.7	8.8	0.9	-7.8	313.5	316.1	0.6	29.6	1.9	149
20.7	62.8	6154.5	475.0	-19.2	-31.6	338.1	8.8	3.2	-8.3	314.2	316.1	0.5	32.4	2.3	153
22.0	66.1	6554.5	450.0	-22.2	-34.1	331.3	10.9	4.9	-9.0	315.4	317.0	0.5	32.8	2.8	153
23.5	69.7	6972.6	425.0	-24.0	-37.4	323.9	10.9	8.4	-9.6	316.2	319.5	0.4	27.5	3.2	152
25.0	73.4	7413.0	400.0	-26.8	-40.3	317.5	14.2	9.6	-10.5	320.4	321.4	0.3	25.9	4.2	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	5.3	148
28.4	81.3	8363.3	350.0	-34.1	-45.7	322.4	18.3	10.0	-12.9	322.8	323.5	0.2	29.4	6.8	148
30.3	85.5	8877.9	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	-49.9	320.8	19.1	12.0	-14.6	324.9	323.9	0.1	32.8	12.6	144
34.5	94.6	10021.1	275.0	-48.1	-49.9	324.9	20.8	12.0	-17.0	325.6	323.9	0.1	32.8	15.3	144
36.7	99.4	10623.7	250.0	-53.0	-49.9	330.7	23.7	11.6	-20.7	327.3	323.9	0.1	32.8	18.1	144
38.2	104.8	11293.9	225.0	-58.9	-49.9	331.6	26.2	12.5	-23.1	328.3	323.9	0.1	32.8	21.9	145
41.7	110.8	12023.7	200.0	-64.2	-49.9	335.3	26.4	11.0	-23.9	331.2	323.9	0.1	32.8	26.0	147
44.8	116.2	12840.1	175.0	-64.0	-49.9	323.2	24.6	14.9	-19.8	334.4	323.9	0.1	32.8	30.5	147
48.0	122.3	13794.1	150.0	-61.4	-49.9	322.9	22.2	13.4	-17.7	334.3	323.9	0.1	32.8	35.2	147
52.2	128.0	14924.1	125.0	-61.6	-49.9	316.6	16.4	11.3	-11.9	333.4	323.9	0.1	32.8	39.7	146
57.2	136.2	16305.4	100.0	-62.2	-49.9	314.2	14.5	10.4	-10.1	407.7	323.9	0.1	32.8	44.2	144
63.4	143.7	18089.9	75.0	-59.2	-49.9	326.2	9.4	5.3	-7.7	448.9	323.9	0.1	32.8	48.9	144
72.0	151.7	20639.5	50.0	-58.7	-49.9	288.5	5.3	5.0	-1.7	505.4	323.9	0.1	32.8	51.5	144
85.7	160.0	25044.9	25.0	-53.8	-49.9	137.6	3.9	-2.6	-1.9	670.0	323.9	0.1	32.8	51.4	148

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

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 MTH	CNTCT	HEIGHT GPM	PRES MB	TEMP CG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	DI T DG K	E PDI T DC K	MX RTD 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
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	8.1	495.0	975.0	14.1	8.1	99.9	99.9	99.9	99.9	289.4	307.7	9.7	97.8	99.9	99.9
1.2	10.6	825.0	950.0	15.1	6.0	99.9	99.9	99.9	99.9	292.5	308.6	6.2	54.7	99.9	99.9
1.9	12.7	850.2	925.0	13.3	4.8	99.9	99.9	99.9	99.9	292.9	308.8	5.8	58.2	99.9	99.9
2.8	14.9	1080.1	900.0	11.5	4.1	99.9	99.9	99.9	99.9	293.4	308.3	5.7	60.2	99.9	99.9
3.6	17.1	1314.8	875.0	9.3	3.1	99.9	99.9	99.9	99.9	293.0	308.0	5.5	65.2	99.9	99.9
4.5	19.3	1554.4	850.0	7.1	2.3	99.9	99.9	99.9	99.9	293.0	307.7	5.2	71.0	99.9	99.9
5.2	21.5	1799.2	825.0	4.7	1.6	99.9	99.9	99.9	99.9	293.7	307.7	4.6	80.6	99.9	99.9
6.1	23.9	2048.2	800.0	2.4	0.6	99.9	99.9	99.9	99.9	294.1	306.2	4.1	81.1	99.9	99.9
7.0	26.2	2305.0	775.0	0.3	-0.5	99.9	99.9	99.9	99.9	294.1	304.7	3.5	81.1	99.9	99.9
7.9	28.6	2569.7	750.0	4.7	-2.1	99.9	99.9	99.9	99.9	301.7	304.7	3.0	13.4	99.9	99.9
8.8	31.0	2845.2	725.0	3.9	-18.1	99.9	99.9	99.9	99.9	303.6	308.4	1.5	21.5	99.9	99.9
9.0	33.6	3128.9	700.0	1.5	-19.4	99.9	99.9	99.9	99.9	307.6	307.6	1.0	18.2	99.9	99.9
10.0	36.1	3426.9	675.0	0.6	-22.1	257.6	4.4	4.3	0.3	308.3	309.4	0.8	14.6	3.2	75
11.2	38.8	3722.9	650.0	-0.8	-24.3	286.0	4.1	4.1	0.4	309.2	311.5	0.6	14.9	3.0	76
12.3	41.4	4034.9	625.0	-2.9	-27.7	281.2	4.2	4.2	-0.8	310.2	312.4	0.6	15.4	3.6	80
13.4	44.3	4358.9	600.0	-5.1	-29.1	286.6	5.5	5.5	-1.7	311.5	313.5	0.6	15.6	3.9	84
14.5	47.1	4689.5	575.0	-7.3	-31.1	297.7	6.4	6.4	-3.0	312.4	314.2	0.5	16.0	4.4	88
15.9	50.1	5034.7	550.0	-9.8	-33.3	300.4	7.4	7.2	-3.4	313.0	314.5	0.4	16.0	4.9	92
18.2	53.1	5391.5	525.0	-12.9	-34.5	295.2	8.0	7.0	-5.1	314.6	315.8	0.3	16.3	5.6	95
19.6	56.3	5761.2	500.0	-16.3	-37.0	306.1	8.7	8.0	-7.8	315.2	315.8	0.3	16.3	6.0	99
21.1	59.5	6145.0	475.0	-19.9	-38.9	321.8	10.0	8.2	-10.7	318.3	319.1	0.2	17.3	6.9	108
22.8	62.9	6545.0	450.0	-22.3	-41.8	338.7	11.3	8.3	-16.8	318.5	319.2	0.2	17.3	7.6	114
24.1	66.3	6963.9	425.0	-24.0	-43.9	338.7	11.7	8.3	-18.0	320.7	321.3	0.1	18.3	8.0	120
25.8	70.0	7402.4	400.0	-28.1	-47.1	338.7	12.9	8.3	-18.0	320.7	321.3	0.1	18.3	8.0	125
27.8	73.8	7862.3	375.0	-30.9	-49.0	338.7	14.2	8.3	-18.0	324.2	324.6	0.1	18.4	10.0	129
29.5	77.7	8348.4	350.0	-33.1	-52.8	329.4	16.0	9.3	-15.7	324.4	324.6	0.1	18.4	11.9	129
31.5	81.8	8864.9	325.0	-37.9	-55.9	330.8	18.2	10.5	-18.9	325.9	324.6	0.1	18.4	14.1	133
33.5	86.2	9411.5	300.0	-42.2	-59.9	332.6	21.6	11.0	-21.2	327.5	324.6	0.1	18.4	17.1	136
35.8	90.6	9994.3	275.0	-46.8	-63.9	334.4	23.9	11.7	-22.8	327.5	324.6	0.1	18.4	20.5	139
38.2	95.0	10618.9	250.0	-52.1	-67.9	334.4	25.3	11.7	-22.8	330.5	324.6	0.1	18.4	24.8	142
40.8	101.0	11292.3	225.0	-57.4	-71.9	332.9	25.7	11.7	-22.8	333.8	324.6	0.1	18.4	28.2	145
43.7	106.8	12026.9	200.0	-62.5	-75.9	332.9	27.4	12.8	-24.2	343.9	324.6	0.1	18.4	34.0	145
46.9	113.0	12843.3	175.0	-64.2	-79.9	328.2	28.1	13.8	-25.3	364.9	324.6	0.1	18.4	43.0	145
50.6	118.5	13784.5	150.0	-61.4	-83.9	317.3	18.6	12.3	-15.3	385.7	324.6	0.1	18.4	49.5	143
55.0	126.5	14930.8	125.0	-60.4	-87.9	317.3	15.4	10.6	-12.2	410.8	324.6	0.1	18.4	54.5	143
60.3	134.0	16320.8	100.0	-5.5	-91.9	322.9	11.4	8.7	-6.6	446.8	324.6	0.1	18.4	59.5	145
66.5	141.7	18116.4	75.0	2.2	-95.9	322.9	6.2	6.2	-5.8	511.8	324.6	0.1	18.4	59.5	145
75.1	150.0	20604.9	50.0	11.9	-99.9	21.1	3.9	3.9	-5.8	537.7	324.6	0.1	18.4	59.5	145
88.4	158.7	25118.1	25.0	31.3	-99.9	103.5	3.9	3.9	0.9	637.7	324.6	0.1	18.4	59.5	145

\* BY SPEED MEANS ELEVATION 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 19  
OF POOR QUALITY

STATION NO. 489  
DENVER, COLORADO

1 MAY 1962  
1115 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTG GM/KG	RH PCT	RANGE KM	AZ DG
0 0	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
00 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	0
01 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	0
02 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	0
03 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	0
04 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	0
05 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	0
06 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	0
07 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	0
08 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	0
09 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	0
10 0	49 1	489 3	800 0	-7 9	-13 6	296 2	7 1	6 8	-2 9	310 7	317 5	2 2	59 5	3 8	118
11 2	52 1	530 2	825 0	-10 6	-17 2	282 0	7 1	6 5	-1 4	311 2	316 2	1 2	44 3	4 2	114
12 5	55 3	530 8	850 0	-13 3	-23 3	275 0	7 1	7 3	-0 7	312 5	315 8	0 7	18 6	5 3	110
13 6	58 5	570 8	875 0	-15 4	-28 3	275 1	7 4	8 4	-0 7	314 3	315 8	0 7	16 6	5 9	109
14 9	61 9	615 9	900 0	-18 6	-33 3	275 1	8 4	8 4	-0 5	315 7	317 6	0 7	15 3	6 7	107
16 1	65 3	651 6	925 0	-22 0	-38 3	260 0	9 2	9 1	-0 5	315 7	317 6	0 5	14 5	7 6	107
17 5	68 9	683 9	950 0	-26 0	-43 2	260 0	11 5	11 7	-1 2	315 7	317 6	0 2	13 5	8 9	106
18 0	72 6	720 8	975 0	-29 5	-48 2	260 0	14 1	13 7	-2 7	316 6	319 2	0 1	12 1	10 5	106
20 7	80 5	805 8	1000 0	-31 5	-52 1	263 4	14 1	13 2	-3 3	320 0	322 1	0 1	11 3	12 1	107
22 6	84 8	845 8	1025 0	-34 9	-55 1	268 8	13 7	12 0	-4 6	321 7	323 9	0 1	10 5	13 5	109
24 4	89 2	895 3	1050 0	-38 5	-59 9	268 8	11 7	10 6	-6 7	325 8	327 9	99 9	99 9	15 0	111
26 3	94 0	940 1	1075 0	-42 3	-64 7	268 8	13 5	11 8	-7 6	329 0	331 2	99 9	99 9	17 0	111
28 2	98 8	988 2	1100 0	-46 9	-69 9	268 8	16 4	14 1	-8 4	332 0	334 2	99 9	99 9	19 2	113
30 2	104 2	1042 2	1125 0	-51 9	-74 7	268 8	14 5	11 8	-8 2	335 4	337 6	99 9	99 9	22 2	114
32 9	110 0	1100 0	1150 0	-57 0	-80 9	268 8	12 4	10 6	-7 2	343 1	345 3	99 9	99 9	24 9	115
35 7	116 0	1160 4	1175 0	-61 7	-84 7	268 8	13 2	12 3	-4 9	348 4	350 6	99 9	99 9	27 1	115
38 7	122 5	1225 2	1200 0	-63 4	-86 4	268 8	11 1	10 3	-2 9	348 4	350 6	99 9	99 9	30 0	114
41 6	128 5	1285 8	1225 0	-61 3	-84 7	268 8	15 4	13 5	-7 3	348 4	350 6	99 9	99 9	32 2	114
45 7	135 5	1355 2	1250 0	-61 8	-84 7	268 8	13 5	12 3	-4 9	348 4	350 6	99 9	99 9	34 2	114
50 3	144 7	1447 6	1275 0	-61 8	-84 7	268 8	11 1	10 3	-2 9	348 4	350 6	99 9	99 9	36 6	116
55 8	153 3	1533 6	1300 0	-57 2	-80 9	268 8	9 8	7 4	-4 9	348 4	350 6	99 9	99 9	38 8	117
58 9	162 0	1620 0	1325 0	-52 1	-75 9	268 8	3 9	-3 3	-4 2	348 4	350 6	99 9	99 9	41 3	121
78 9	182 0	1820 0	1350 0	-52 1	-75 9	268 8	3 9	-3 3	-4 2	348 4	350 6	99 9	99 9	40 5	121

\* 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 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS



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 MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T US K	E POT T DG K	MX RTO GM/KG	RH FCT	RANGE KM	AZ DG
00	21.4	1611.0	840.8	10.6	2.2	190.0	1.6	0.3	1.6	298.2	313.0	5.1	56.0	0.0	0
01	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
06	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
07	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
08	22.8	1768.4	825.0	6.3	2.2	283.3	2.0	2.0	-0.6	297.3	312.3	5.5	65.6	0.1	23
09	25.2	2022.0	800.0	12.5	1.4	318.6	2.0	2.3	-2.7	300.9	315.8	5.3	59.5	0.3	85
10	27.6	2288.0	775.0	11.2	-4.8	343.8	1.1	1.1	-2.9	307.3	317.5	3.5	29.6	0.4	120
11	30.2	2592.2	750.0	8.9	-6.5	369.0	4.6	1.4	-4.4	308.8	318.2	3.2	28.4	0.4	137
12	32.7	2844.1	725.0	6.2	-6.5	394.2	6.5	2.2	-5.1	309.4	319.3	3.3	29.4	0.8	145
13	35.3	3133.2	700.0	8.2	-6.6	419.4	8.5	2.7	-5.7	309.8	319.2	3.2	29.4	0.8	145
14	37.9	3430.0	675.0	3.7	-9.2	444.6	10.3	2.1	-5.7	309.8	319.2	2.9	42.4	1.6	149
15	40.7	3735.2	650.0	1.0	-10.4	469.8	12.1	1.7	-4.5	310.3	318.7	2.8	52.3	1.6	150
16	43.4	4049.0	625.0	-1.9	-12.1	495.0	14.0	1.2	-4.6	310.3	318.7	2.5	57.3	2.2	153
17	46.3	4371.9	600.0	-5.0	-15.0	520.2	15.9	1.9	-4.9	311.2	317.6	2.1	61.5	2.9	154
18	49.3	4705.1	575.0	-10.5	-18.4	545.4	17.8	4.1	-4.0	311.6	317.6	1.9	61.9	2.9	154
19	52.4	5049.4	550.0	-14.9	-21.4	570.8	19.7	5.1	-2.1	313.5	317.7	1.3	47.0	3.3	151
20	55.8	5408.2	525.0	-18.4	-24.8	596.2	21.6	7.1	-0.1	314.9	318.3	1.0	42.3	3.3	146
21	59.4	5863.7	475.0	-22.1	-26.9	621.6	23.5	8.6	1.4	315.3	318.2	0.9	46.6	3.8	138
22	63.0	6321.4	425.0	-25.2	-27.6	647.0	25.4	10.1	-2.1	315.4	318.4	0.9	63.7	4.2	130
23	66.7	6780.1	400.0	-28.9	-43.2	672.4	27.3	11.8	-2.1	316.7	319.8	0.9	80.0	5.0	123
24	70.7	7240.1	375.0	-32.9	-48.3	697.8	29.2	13.5	-5.6	320.1	320.9	0.2	17.5	6.9	122
25	74.7	7700.1	350.0	-37.2	-51.4	723.2	31.1	15.2	-6.4	324.7	323.3	0.1	17.9	7.7	124
26	78.7	8160.1	325.0	-42.0	-54.4	748.6	33.0	16.9	-6.3	325.5	325.9	0.1	20.6	8.8	124
27	82.7	8620.1	300.0	-47.1	-59.9	774.0	34.9	18.6	-6.8	326.2	326.9	0.1	20.6	10.0	124
28	86.7	9080.1	275.0	-52.2	-64.9	799.4	36.8	20.3	-8.2	327.1	327.9	0.1	20.6	11.6	124
29	90.7	9540.1	250.0	-57.3	-69.9	824.8	38.7	22.0	-7.1	328.5	328.5	0.1	20.6	13.2	123
30	94.7	10000.1	225.0	-62.4	-74.9	850.2	40.6	23.7	-9.5	332.5	329.9	0.1	20.6	15.3	123
31	98.7	10460.1	200.0	-67.5	-79.9	875.6	42.5	25.4	-8.8	336.0	329.9	0.1	20.6	17.4	124
32	102.7	10920.1	175.0	-72.6	-84.9	901.0	44.4	27.1	-8.7	343.8	329.9	0.1	20.6	19.8	124
33	106.7	11380.1	150.0	-77.7	-89.9	926.4	46.3	28.8	-4.5	365.4	329.9	0.1	20.6	22.3	123
34	110.7	11840.1	125.0	-82.8	-94.9	951.8	48.2	30.5	-5.7	382.3	329.9	0.1	20.6	24.9	122
35	114.7	12300.1	100.0	-87.9	-99.9	977.2	50.1	32.2	-6.0	413.4	329.9	0.1	20.6	30.3	123
36	118.7	12760.1	75.0	-93.0	-104.9	1002.6	52.0	33.9	-6.5	450.0	329.9	0.1	20.6	33.3	123
37	122.7	13220.1	50.0	-98.1	-109.9	1028.0	53.9	35.6	-4.1	487.6	329.9	0.1	20.6	35.8	125
38	126.7	13680.1	25.0	-103.2	-114.9	1053.4	55.8	37.3	-4.1	525.2	329.9	0.1	20.6	35.8	125
39	130.7	14140.1	25.0	-108.3	-119.9	1078.8	57.7	39.0	-4.1	562.8	329.9	0.1	20.6	35.8	125
40	134.7	14600.1	25.0	-113.4	-124.9	1104.2	59.6	40.7	-4.1	600.4	329.9	0.1	20.6	35.8	125
41	138.7	15060.1	25.0	-118.5	-129.9	1129.6	61.5	42.4	-4.1	638.0	329.9	0.1	20.6	35.8	125
42	142.7	15520.1	25.0	-123.6	-134.9	1155.0	63.4	44.1	-4.1	675.6	329.9	0.1	20.6	35.8	125
43	146.7	15980.1	25.0	-128.7	-139.9	1180.4	65.3	45.8	-4.1	713.2	329.9	0.1	20.6	35.8	125
44	150.7	16440.1	25.0	-133.8	-144.9	1205.8	67.2	47.5	-4.1	750.8	329.9	0.1	20.6	35.8	125
45	154.7	16900.1	25.0	-138.9	-149.9	1231.2	69.1	49.2	-4.1	788.4	329.9	0.1	20.6	35.8	125
46	158.7	17360.1	25.0	-144.0	-154.9	1256.6	71.0	50.9	-4.1	826.0	329.9	0.1	20.6	35.8	125
47	162.7	17820.1	25.0	-149.1	-159.9	1282.0	72.9	52.6	-4.1	863.6	329.9	0.1	20.6	35.8	125
48	166.7	18280.1	25.0	-154.2	-164.9	1307.4	74.8	54.3	-4.1	901.2	329.9	0.1	20.6	35.8	125
49	170.7	18740.1	25.0	-159.3	-169.9	1332.8	76.7	56.0	-4.1	938.8	329.9	0.1	20.6	35.8	125
50	174.7	19200.1	25.0	-164.4	-174.9	1358.2	78.6	57.7	-4.1	976.4	329.9	0.1	20.6	35.8	125
51	178.7	19660.1	25.0	-169.5	-179.9	1383.6	80.5	59.4	-4.1	1014.0	329.9	0.1	20.6	35.8	125
52	182.7	20120.1	25.0	-174.6	-184.9	1409.0	82.4	61.1	-4.1	1051.6	329.9	0.1	20.6	35.8	125
53	186.7	20580.1	25.0	-179.7	-189.9	1434.4	84.3	62.8	-4.1	1089.2	329.9	0.1	20.6	35.8	125
54	190.7	21040.1	25.0	-184.8	-194.9	1459.8	86.2	64.5	-4.1	1126.8	329.9	0.1	20.6	35.8	125
55	194.7	21500.1	25.0	-189.9	-199.9	1485.2	88.1	66.2	-4.1	1164.4	329.9	0.1	20.6	35.8	125
56	198.7	21960.1	25.0	-195.0	-204.9	1510.6	90.0	67.9	-4.1	1202.0	329.9	0.1	20.6	35.8	125
57	202.7	22420.1	25.0	-200.1	-209.9	1536.0	91.9	69.6	-4.1	1239.6	329.9	0.1	20.6	35.8	125
58	206.7	22880.1	25.0	-205.2	-214.9	1561.4	93.8	71.3	-4.1	1277.2	329.9	0.1	20.6	35.8	125
59	210.7	23340.1	25.0	-210.3	-219.9	1586.8	95.7	73.0	-4.1	1314.8	329.9	0.1	20.6	35.8	125
60	214.7	23800.1	25.0	-215.4	-224.9	1612.2	97.6	74.7	-4.1	1352.4	329.9	0.1	20.6	35.8	125

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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 489  
DENVER, COLORADO  
1 MAY 1982  
150 13 0

TIME MIN	CNTCT	HEIGHT GFW	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP K/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX_RTC UM/RG	RH PCT	RANGE NM	AZ DG
00	21.8	1611.0	828.7	23.3	-2.3	100.0	2.8	-0.9	2.4	311.8	323.2	3.8	18.0	0.0	0.0
01	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
06	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
07	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
08	23.1	1723.7	825.0	21.3	-4.6	99.9	99.9	99.9	99.9	311.1	321.0	3.3	17.2	0.0	0.0
09	25.6	2018.7	800.0	19.1	-4.9	99.9	99.9	99.9	99.9	311.5	321.4	3.3	19.2	0.0	0.0
10	28.1	2288.7	775.0	16.4	-5.4	99.9	99.9	99.9	99.9	311.5	321.4	3.3	21.8	0.0	0.0
11	30.7	2587.1	750.0	13.7	-5.4	200.4	3.2	0.6	3.0	311.5	321.4	3.3	23.4	0.0	0.0
12	33.3	2851.3	725.0	11.1	-5.5	197.7	1.8	-0.7	1.8	311.7	322.2	3.5	26.2	0.0	0.0
13	36.0	3142.4	700.0	8.0	-5.2	148.6	1.3	-0.7	1.1	311.3	322.4	3.7	28.8	0.0	0.0
14	38.7	3441.1	675.0	5.1	-5.6	120.7	1.0	-0.9	0.5	311.3	322.5	3.7	30.8	0.0	0.0
15	41.5	3747.6	650.0	1.8	-6.0	98.0	0.9	-0.3	0.8	311.0	321.5	3.6	32.9	0.0	0.0
16	44.4	4062.3	625.0	-1.5	-7.1	212.4	1.4	-0.8	1.2	310.8	321.5	3.6	35.4	0.0	0.0
17	47.3	4386.1	600.0	-4.7	-8.9	141.8	0.7	-0.5	0.6	310.7	321.5	3.6	38.4	0.0	0.0
18	50.4	4719.7	575.0	-7.9	-9.6	99.0	1.1	-0.7	0.9	312.9	322.0	3.6	41.8	0.0	0.0
19	53.5	5064.8	550.0	-9.4	-9.6	293.3	2.3	-2.1	2.1	312.4	323.1	3.4	45.2	0.0	0.0
20	56.0	5423.4	525.0	-11.6	-11.9	265.0	6.0	8.0	0.7	314.4	323.4	2.9	48.8	0.0	0.0
21	58.4	5785.3	500.0	-14.4	-16.5	271.3	10.5	10.5	0.2	315.4	322.0	2.1	52.2	0.0	0.0
22	61.7	6162.7	475.0	-17.4	-20.3	267.8	10.4	10.2	0.4	316.5	322.6	1.6	55.8	0.0	0.0
23	65.0	6565.8	450.0	-19.7	-23.0	258.3	10.4	10.0	2.1	318.7	319.7	0.3	59.5	0.0	0.0
24	68.6	7006.5	425.0	-23.6	-26.4	262.9	10.0	7.8	1.2	318.7	322.7	0.2	63.2	0.0	0.0
25	72.3	7488.1	400.0	-25.5	-28.8	278.7	8.0	7.0	-1.6	321.9	324.2	0.2	67.0	0.0	0.0
26	76.3	7993.1	375.0	-28.8	-32.5	291.1	6.7	6.1	-3.1	323.5	325.4	0.2	70.8	0.0	0.0
27	80.5	8493.3	350.0	-32.6	-36.7	300.2	5.7	5.5	-4.2	326.2	326.8	0.2	74.6	0.0	0.0
28	84.8	8970.4	325.0	-36.6	-41.3	303.0	4.6	4.4	-3.9	329.5	328.8	0.2	78.4	0.0	0.0
29	89.2	9470.4	300.0	-40.8	-45.9	303.0	3.6	3.4	-4.4	330.7	329.9	0.2	82.2	0.0	0.0
30	93.4	10085.7	275.0	-45.4	-49.8	298.1	2.6	2.4	-3.9	333.9	329.9	0.2	86.0	0.0	0.0
31	97.8	10885.2	250.0	-50.7	-53.8	301.7	1.6	1.4	-4.4	336.7	329.9	0.2	89.8	0.0	0.0
32	101.4	11364.6	225.0	-55.2	-57.8	296.0	0.8	0.9	-3.9	341.0	329.9	0.2	93.6	0.0	0.0
33	105.8	12107.1	200.0	-60.7	-61.7	292.0	11.7	10.9	-4.4	341.0	329.9	0.2	97.4	0.0	0.0
34	110.7	12928.6	175.0	-66.0	-66.0	293.4	13.6	12.5	-5.4	341.0	329.9	0.2	101.2	0.0	0.0
35	115.7	13825.6	150.0	-68.0	-68.0	290.5	15.9	14.9	-6.0	341.0	329.9	0.2	105.0	0.0	0.0
36	120.5	15008.0	125.0	-61.0	-61.0	294.9	14.5	13.2	-6.1	384.6	329.9	0.2	108.8	0.0	0.0
37	125.5	16401.8	100.0	-58.3	-58.3	300.6	12.0	10.3	-6.1	448.1	329.9	0.2	112.6	0.0	0.0
38	130.5	18264.5	75.0	-59.6	-59.6	298.1	7.3	6.5	-3.5	507.0	329.9	0.2	116.4	0.0	0.0
39	135.5	20729.6	50.0	-57.9	-57.9	315.8	3.6	2.5	-2.6	638.0	329.9	0.2	120.2	0.0	0.0
40	140.3	23217.7	25.0	-51.2	-51.2	99.9	99.9	99.9	99.9	638.0	329.9	0.2	124.0	0.0	0.0

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 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
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STATION NO. 489  
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1 MAY 1962  
2300 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/1G	RH PCT	RANGE KM	AZ DG
0 0	21 8	1811 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
00 0	00 0	1000 0	975.0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0
00 0	00 0	975 0	950 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0
00 0	00 0	950 0	925 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0
00 0	00 0	925 0	900 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0
00 0	00 0	900 0	875 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0
00 0	00 0	875 0	850 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0
00 0	00 0	850 0	825 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0
0 5	23 0	1739 2	800 0	18 3	-4 3	93 1	6 5	-6 4	0 4	310 9	321 0	3 4	17 8	0 2 267	0
1 4	25 0	2003 6	775 0	15 6	-5 8	105 6	4 9	-4 7	1 0	310 7	320 2	3 3	19 7	0 6 272	0
2 2	28 0	2274 0	750 0	13 0	-6 1	118 0	4 9	-4 3	2 3	310 6	320 4	3 3	22 3	0 9 275	0
3 0	30 5	2550 7	725 0	10 3	-6 1	134 0	5 3	-3 8	3 7	310 8	320 5	3 3	26 1	1 1 278	0
3 8	33 1	2834 0	700 0	7 6	-6 5	154 8	4 9	-2 1	4 5	311 0	321 0	3 4	30 8	1 3 283	0
4 5	35 7	3124 7	675 0	4 7	-6 9	175 8	4 0	-0 3	4 6	310 9	321 0	3 4	36 0	1 5 289	0
5 2	38 4	3422 6	650 0	2 0	-7 2	198 6	3 9	-0 7	3 8	311 2	321 5	3 4	42 6	1 7 302	0
6 2	41 2	3728 0	625 0	-1 1	-7 3	228 2	3 2	0 0	3 2	311 2	321 7	3 5	50 6	1 9 306	0
7 1	44 0	4043 7	600 0	-4 1	-7 6	258 7	2 8	0 8	2 6	311 3	322 1	3 6	76 6	1 9 311	0
8 2	46 8	4387 7	575 0	-7 4	-8 6	284 7	2 6	1 5	2 1	311 3	322 1	3 6	89 8	2 0 315	0
9 1	49 8	4761 7	550 0	-10 1	-10 8	309 9	2 1	2 1	0 5	312 1	321 3	3 0	94 7	2 0 320	0
10 2	53 0	5043 5	525 0	-12 8	-13 3	335 3	1 9	3 7	-1 3	313 1	321 3	2 6	96 1	1 8 324	0
11 6	56 1	5403 6	500 0	-14 6	-15 0	361 6	1 7	7 0	-1 8	315 2	322 7	2 4	97 2	1 5 335	0
13 1	58 4	5775 0	475 0	-17 0	-17 4	388 0	8 6	6 2	-2 7	317 0	323 5	2 1	96 7	1 2 357	0
14 2	62 8	6162 1	450 0	-20 5	-20 5	415 8	9 0	6 5	-3 1	317 5	321 1	1 1	96 1	1 1 25	0
15 3	66 3	6565 9	425 0	-24 0	-25 3	443 5	8 8	6 5	-2 0	318 2	320 9	0 3	28 0	1 4 60	0
16 8	70 0	6986 0	400 0	-28 6	-30 0	472 9	7 3	7 1	-1 6	320 2	320 9	0 2	18 6	2 5 78	0
18 1	73 7	7426 4	375 0	-33 4	-35 5	502 0	5 9	4 5	-4 7	322 3	323 0	0 2	21 9	3 2 86	0
21 5	77 7	7889 5	350 0	-37 9	-40 0	531 1	4 4	5 4	-4 1	323 8	324 4	0 1	27 7	3 8 96	0
23 8	81 6	8377 7	325 0	-42 2	-45 6	560 9	3 1	7 2	-4 1	325 9	325 0	0 1	29 6	4 8 104	0
26 6	85 4	8893 3	300 0	-46 1	-49 8	590 9	2 6	6 9	-2 1	328 5	325 9	0 1	00 0	6 0 104	0
31 4	95 4	10023 5	275 0	-50 9	-54 9	620 8	6 6	6 7	-1 6	330 3	325 9	0 1	00 0	7 1 104	0
33 8	100 4	10648 9	250 0	-54 9	-58 9	650 6	6 3	7 8	-2 8	330 3	325 9	0 1	00 0	8 3 104	0
36 5	105 8	11326 7	225 0	-58 7	-62 7	680 6	6 2	6 2	-3 4	331 7	325 9	0 1	00 0	9 5 106	0
39 6	111 5	12064 6	200 0	-62 0	-66 0	710 6	6 0	6 0	-4 0	334 5	325 9	0 1	00 0	10 9 110	0
42 9	117 5	12882 4	175 0	-64 6	-68 9	740 3	10 0	8 0	-5 0	337 3	325 9	0 1	00 0	13 3 111	0
47 7	124 0	13836 1	150 0	-68 6	-72 4	770 4	15 2	14 5	-4 5	343 6	325 9	0 1	00 0	16 1 111	0
52 8	131 0	14975 2	125 0	-60 4	-64 9	800 8	15 6	13 9	-7 0	385 7	325 9	0 1	00 0	22 8 110	0
60 8	138 7	16367 4	100 0	-58 7	-58 9	830 6	10 8	8 6	-6 4	414 3	325 9	0 1	00 0	28 8 114	0
68 9	00 0	00 0	75 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0
69 9	00 0	00 0	50 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0
69 9	00 0	00 0	25 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0	00 0

\* BY SPEED MEANS ELEVATION 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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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 489  
DENVER, COLORADO  
2 MAY 1982  
215 GMT

TIME MIN	CHTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WAT PTO CM/KG	RH PCT	RANGE KM	AZ DG
0	21 5	1811.0	837.8	18.4	1.8	170.0	6.7	-1.2	6.8	307.8	322.9	5.2	31.0	0.6	0
00.9	21 6	99.9	1000.0	98.9	98.9	99.9	98.9	98.9	98.9	83.9	98.9	98.9	98.9	98.9	99.9
01.9	21 7	99.9	975.0	98.9	98.9	55.9	98.9	98.9	98.9	83.9	98.9	98.9	98.9	98.9	99.9
02.9	21 8	99.9	950.0	98.9	98.9	99.9	98.9	98.9	98.9	83.9	98.9	98.9	98.9	98.9	99.9
03.9	21 9	99.9	925.0	98.9	98.9	99.9	98.9	98.9	98.9	83.9	98.9	98.9	98.9	98.9	99.9
04.9	21 0	99.9	900.0	98.9	98.9	99.9	98.9	98.9	98.9	83.9	98.9	98.9	98.9	98.9	99.9
05.9	21 1	99.9	875.0	98.9	98.9	99.9	98.9	98.9	98.9	83.9	98.9	98.9	98.9	98.9	99.9
06.9	21 2	99.9	850.0	98.9	98.9	99.9	98.9	98.9	98.9	83.9	98.9	98.9	98.9	98.9	99.9
07.9	21 3	99.9	825.0	98.9	98.9	99.9	98.9	98.9	98.9	83.9	98.9	98.9	98.9	98.9	99.9
08.9	21 4	1740.8	800.0	98.9	98.9	99.9	98.9	98.9	98.9	83.9	98.9	98.9	98.9	98.9	99.9
09.9	21 5	2271.2	775.0	98.9	98.9	99.9	98.9	98.9	98.9	83.9	98.9	98.9	98.9	98.9	99.9
10.9	21 6	2271.2	750.0	98.9	98.9	174.6	5.7	-0.6	8.9	308.3	321.8	4.8	34.4	99.9	99.9
11.9	21 7	2271.2	725.0	98.9	98.9	174.6	5.7	-0.6	8.9	308.3	321.8	4.8	34.4	99.9	99.9
12.9	21 8	2271.2	700.0	98.9	98.9	174.6	5.7	-0.6	8.9	308.3	321.8	4.8	34.4	99.9	99.9
13.9	21 9	3118.4	675.0	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
14.9	22 0	3118.4	650.0	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
15.9	22 1	3118.4	625.0	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
16.9	22 2	3118.4	600.0	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
17.9	22 3	3118.4	575.0	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
18.9	22 4	3118.4	550.0	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
19.9	22 5	3118.4	525.0	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
20.9	22 6	3118.4	500.0	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
21.9	22 7	3118.4	475.0	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
22.9	22 8	3118.4	450.0	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
23.9	22 9	3118.4	425.0	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
24.9	23 0	3118.4	400.0	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
25.9	23 1	3118.4	375.0	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
26.9	23 2	3118.4	350.0	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
27.9	23 3	3118.4	325.0	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
28.9	23 4	3118.4	300.0	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
29.9	23 5	3118.4	275.0	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
30.9	23 6	3118.4	250.0	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
31.9	23 7	3118.4	225.0	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
32.9	23 8	3118.4	200.0	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
33.9	23 9	3118.4	175.0	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
34.9	24 0	3118.4	150.0	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
35.9	24 1	3118.4	125.0	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
36.9	24 2	3118.4	100.0	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
37.9	24 3	3118.4	75.0	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
38.9	24 4	3118.4	50.0	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
39.9	24 5	3118.4	25.0	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
40.9	24 6	3118.4	0.0	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
41.9	24 7	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
42.9	24 8	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
43.9	24 9	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
44.9	25 0	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
45.9	25 1	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
46.9	25 2	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
47.9	25 3	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
48.9	25 4	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
49.9	25 5	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
50.9	25 6	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
51.9	25 7	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
52.9	25 8	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
53.9	25 9	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
54.9	26 0	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
55.9	26 1	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
56.9	26 2	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
57.9	26 3	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
58.9	26 4	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
59.9	26 5	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
60.9	26 6	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
61.9	26 7	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
62.9	26 8	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
63.9	26 9	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
64.9	27 0	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
65.9	27 1	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
66.9	27 2	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
67.9	27 3	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
68.9	27 4	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
69.9	27 5	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
70.9	27 6	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
71.9	27 7	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
72.9	27 8	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
73.9	27 9	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
74.9	28 0	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
75.9	28 1	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
76.9	28 2	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
77.9	28 3	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
78.9	28 4	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359
79.9	28 5	3118.4	98.9	98.9	98.9	161.0	1.7	-0.4	4.3	309.5	322.6	4.4	44.6	2.0	359

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STATION NO. 489  
DENVER, COLORADO  
2 MAY 1962  
515 GMT

TIME MIN	CNTGT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/MG	RH PCT	RANGE NM	AZ DG
00	21.3	1611.0	638.4	15.0	1.9	170.0	4.1	-0.7	4.0	303.1	317.9	5.2	41.0	0.0	0
00	22.0	1000.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0
00	22.0	975.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0
00	22.0	950.0	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0
00	22.0	925.0	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0
00	22.0	900.0	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0
00	22.0	875.0	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0
00	22.0	850.0	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0
00	22.0	825.0	825.0	16.2	2.3	210.9	7.4	3.8	6.3	305.7	323.0	5.5	39.2	0.3	21
00	22.0	800.0	800.0	16.4	0.4	220.1	7.5	4.8	5.7	308.7	323.0	4.3	33.7	0.6	32
00	22.0	775.0	775.0	14.3	-1.8	205.0	7.5	3.2	6.8	309.1	321.0	4.9	32.8	1.0	34
00	22.0	750.0	750.0	11.9	-3.8	187.5	7.2	0.9	7.1	310.2	321.0	3.9	33.0	1.4	27
00	22.0	725.0	725.0	9.8	-4.5	185.6	5.2	0.5	7.1	310.2	321.0	3.8	33.0	1.7	23
00	22.0	700.0	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
00	22.0	675.0	675.0	4.4	-5.4	171.5	3.6	-0.5	3.6	310.6	322.0	3.3	48.7	2.3	19
00	22.0	650.0	650.0	1.8	-7.7	134.9	1.7	-1.2	1.2	311.0	320.3	3.3	48.9	2.4	17
00	22.0	625.0	625.0	-0.7	-8.4	117.5	0.9	-0.3	-0.6	311.7	320.3	3.0	51.7	2.4	16
00	22.0	600.0	600.0	-3.6	-11.0	324.9	1.7	1.0	-1.4	311.7	320.3	2.8	56.5	2.3	17
00	22.0	575.0	575.0	-6.2	-12.7	278.3	2.6	2.6	-1.4	312.7	320.4	2.5	60.1	2.3	21
00	22.0	550.0	550.0	-9.3	-13.5	284.1	4.3	4.3	0.4	313.1	320.6	2.5	71.4	2.7	26
00	22.0	525.0	525.0	-11.2	-16.4	284.1	4.5	4.5	0.5	316.5	321.5	2.0	65.6	2.6	39
00	22.0	500.0	500.0	-13.6	-19.9	278.1	4.5	4.5	-1.5	316.5	321.5	1.2	58.0	3.0	44
00	22.0	475.0	475.0	-16.2	-23.9	288.6	4.6	4.3	-0.8	319.7	321.0	0.4	18.9	3.2	51
00	22.0	450.0	450.0	-18.7	-36.6	280.6	4.6	4.5	0.5	320.8	321.7	0.2	15.7	3.5	55
00	22.0	425.0	425.0	-21.0	-41.1	257.0	2.6	3.9	0.6	322.9	323.7	0.2	15.3	3.9	57
00	22.0	400.0	400.0	-24.7	-43.5	202.6	0.6	2.6	0.6	323.8	323.8	0.1	16.8	4.0	59
00	22.0	375.0	375.0	-29.0	-46.3	193.5	0.1	1.9	0.6	323.8	324.3	0.1	20.3	4.0	57
00	22.0	350.0	350.0	-33.3	-49.1	322.8	5.3	3.2	-2.8	323.8	324.3	0.1	18.5	4.1	68
00	22.0	325.0	325.0	-37.6	-52.2	298.0	6.7	5.9	-4.2	324.6	325.0	0.1	20.3	4.1	68
00	22.0	300.0	300.0	-42.4	-55.9	292.2	8.7	8.1	-3.3	325.7	325.9	0.9	99.9	4.5	77
00	22.0	275.0	275.0	-46.5	-59.9	281.3	8.7	8.7	-1.7	325.7	325.9	0.9	99.9	5.0	85
00	22.0	250.0	250.0	-51.9	-63.5	278.2	6.7	6.7	-1.7	326.9	326.9	0.9	99.9	5.0	85
00	22.0	225.0	225.0	-57.4	-67.4	278.2	10.5	10.4	-2.6	328.5	328.5	0.9	99.9	6.0	89
00	22.0	200.0	200.0	-62.6	-71.4	282.4	13.3	13.0	-4.6	333.6	333.6	0.9	99.9	8.4	91
00	22.0	175.0	175.0	-68.0	-75.4	282.4	16.7	16.7	-6.2	334.7	334.7	0.9	99.9	10.4	93
00	22.0	150.0	150.0	-73.8	-79.9	293.5	12.3	12.4	-5.4	344.7	344.7	0.9	99.9	12.6	95
00	22.0	125.0	125.0	-81.5	-86.9	300.1	13.5	13.5	-6.2	385.0	385.0	0.9	99.9	15.2	99
00	22.0	100.0	100.0	-89.8	-93.8	311.2	9.8	7.4	-6.5	409.7	409.7	0.9	99.9	18.5	101
00	22.0	75.0	75.0	-93.3	-99.9	99.9	99.9	99.9	-6.5	440.3	440.3	0.9	99.9	21.2	108
00	22.0	50.0	50.0	-99.9	-99.9	99.9	99.9	99.9	-6.5	499.9	499.9	0.9	99.9	23.6	108
00	22.0	25.0	25.0	-99.9	-99.9	99.9	99.9	99.9	-6.5	99.9	99.9	0.9	99.9	99.9	99.9

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 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
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ORIGINAL PRINT IS  
OF POOR QUALITY

STATION NO. 478  
GRAND JUNCTION, COLORADO  
1 MAY 1982  
1105 GMT

TIME MIN	CHGT	HE	Y	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T D: K	E POT T DG K	MX R TO GM/KG	RH PCT	RANGE KM	AZ DG
00	22.3	147.4	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
00	00.0	00.0	00.0	1000.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	875.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	850.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	825.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	800.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	775.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	750.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	725.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	700.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	675.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	650.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	625.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	600.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	575.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	550.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	525.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	500.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	475.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	450.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	425.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	400.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	375.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	350.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	325.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	300.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	275.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	250.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	225.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	200.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	175.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	150.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	125.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	100.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	75.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	50.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	25.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0

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

STATION NO. 476  
GRAND JUNCTION, COLORADO  
1 MAY 1982  
1705 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT K DG K	MX RTC GN/KG	RH PCT	RANGE KM	AZ CG
00	22.1	1472.0	855.0	21.7	3.9	98.9	99.9	99.9	99.9	308.4	325.4	5.9	31.0	999.9	999.9
01	22.2	99.9	1000.0	29.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
02	22.3	99.9	975.0	39.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
03	22.4	99.9	950.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
04	22.5	99.9	925.0	79.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
05	22.6	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
06	22.7	99.9	875.0	119.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
07	22.8	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	999.9
08	22.9	1778.4	825.0	17.1	1.7	999.9	99.9	99.9	99.9	308.7	321.7	5.3	35.4	999.9	999.9
09	23.0	2039.5	800.0	14.4	0.4	999.9	99.9	99.9	99.9	308.5	320.7	5.0	38.5	999.9	999.9
10	23.1	2306.6	775.0	11.7	0.4	999.9	99.9	99.9	99.9	308.4	320.7	5.1	40.4	999.9	999.9
11	23.2	2580.0	750.0	9.5	-0.0	999.9	99.9	99.9	99.9	308.4	321.0	4.9	45.9	999.9	999.9
12	23.3	99.9	725.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
13	23.4	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
14	23.5	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
15	23.6	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
16	23.7	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
17	23.8	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
18	23.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
19	24.0	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
20	24.1	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
21	24.2	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
22	24.3	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
23	24.4	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
24	24.5	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
25	24.6	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
26	24.7	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
27	24.8	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
28	24.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
29	25.0	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
30	25.1	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
31	25.2	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
32	25.3	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
33	25.4	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
34	25.5	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
35	25.6	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
36	25.7	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
37	25.8	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
38	25.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
39	26.0	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
40	26.1	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 478  
GRAND JUNCTION, COLORADO

1 MAY 1982  
2005 GMT

107 116 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEM PT DG C	DIR DS	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KC	RH PCT	RANGE KM	AZ DG
00	00	1472.0	853.1	24.4	4.2	180.0	5.2	0.0	5.2	311.4	329.1	5.1	27.0	0.0	0.0
01	00	999.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
02	00	999.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
03	00	999.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
04	00	999.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
05	00	999.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
06	00	999.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
07	01	1503.8	850.0	23.6	2.5	187.8	6.3	-1.3	6.4	310.9	327.1	5.6	25.9	0.1	358
08	01	1781.8	825.0	19.1	0.5	180.9	6.6	-2.2	6.4	308.8	322.8	4.8	28.6	0.3	358
09	01	2029.8	800.0	15.3	-0.1	181.7	7.0	-1.7	6.2	308.6	322.4	4.8	32.5	0.5	351
10	01	2283.5	775.0	11.1	-0.6	183.9	7.3	-1.3	5.2	308.6	323.0	5.0	39.1	0.7	348
11	02	2588.5	750.0	7.7	-0.8	175.4	7.6	-0.7	4.6	308.7	322.9	4.9	44.2	0.8	348
12	03	2850.3	725.0	6.6	-1.5	209.8	7.7	1.7	0.6	308.9	322.7	4.6	48.8	0.7	349
13	04	3139.7	700.0	6.7	-4.2	239.5	2.9	2.8	0.6	309.3	321.7	3.9	45.8	0.9	10
14	04	3437.2	675.0	4.3	-5.0	248.1	3.5	3.2	1.3	310.8	322.0	3.9	50.9	1.0	19
15	04	3743.1	650.0	1.7	-6.5	255.5	4.4	4.4	1.3	311.5	320.1	2.9	50.1	1.1	29
16	04	4058.0	625.0	-0.9	-9.9	256.7	5.3	5.1	1.2	311.9	320.2	2.7	55.6	1.3	37
17	04	4717.1	600.0	-3.7	-11.2	263.4	5.7	5.6	0.7	312.3	320.0	2.5	62.4	1.5	44
18	04	5083.1	575.0	-6.6	-12.6	274.4	6.0	6.0	-0.5	313.1	320.5	2.4	69.5	1.8	53
19	04	5421.7	550.0	-9.3	-13.8	275.1	6.0	6.0	0.7	314.7	319.8	2.4	72.0	2.2	64
20	04	5795.1	525.0	-11.4	-19.3	287.6	2.3	2.3	0.7	316.8	320.7	1.2	72.0	2.4	64
21	04	6184.4	500.0	-13.3	-23.0	290.7	2.2	2.2	0.4	318.3	321.5	1.0	72.0	2.7	64
22	04	6589.2	475.0	-15.6	-28.7	296.1	2.0	2.0	1.5	319.9	321.5	0.8	72.0	3.0	63
23	04	7013.1	450.0	-18.6	-35.4	299.3	1.9	1.9	3.4	321.5	323.0	0.4	72.0	3.3	57
24	04	7456.6	425.0	-21.5	-38.7	299.3	1.8	1.8	4.0	322.1	323.8	0.4	72.0	3.6	51
25	04	7912.2	400.0	-25.3	-39.1	299.3	1.7	1.7	5.1	322.6	325.9	0.7	72.0	4.0	47
26	04	8412.9	375.0	-28.7	-39.1	299.3	1.6	1.6	6.1	323.6	325.9	0.7	72.0	4.4	45
27	04	8931.3	350.0	-32.3	-46.2	198.5	4.8	4.8	4.5	325.2	327.3	0.2	72.0	5.2	45
28	04	9481.4	325.0	-36.2	-48.7	218.0	4.4	4.4	4.0	326.8	327.3	0.1	72.0	5.8	45
29	04	10088.4	300.0	-40.8	-49.9	232.4	4.4	4.4	2.7	327.9	327.9	99.9	999.9	6.3	46
30	04	10696.7	275.0	-45.3	-49.9	241.0	5.9	5.9	2.5	329.6	327.9	99.9	999.9	7.0	48
31	04	11378.2	250.0	-50.9	-49.9	246.5	7.7	7.7	2.3	330.3	327.9	99.9	999.9	7.7	50
32	04	12112.1	225.0	-58.7	-49.9	247.7	10.5	10.5	3.7	331.7	327.9	99.9	999.9	8.8	51
33	04	12935.2	200.0	-61.4	-49.9	250.1	12.3	12.3	4.0	335.5	327.9	99.9	999.9	10.5	55
34	04	13804.2	175.0	-62.3	-49.9	256.1	13.8	13.8	-1.1	347.2	327.9	99.9	999.9	12.5	60
35	04	15032.9	150.0	-60.7	-49.9	274.5	99.9	99.9	99.9	385.2	327.9	99.9	999.9	99.9	999.9
36	04	999.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	99.9	999.9
37	04	999.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	99.9	999.9
38	04	999.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	99.9	999.9
39	04	999.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	99.9	999.9
40	04	999.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	99.9	999.9

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

ORIGINAL PART 3  
OF FOOTNOTED

STATION NO. 478  
GRAND JUNCTION, COLORADO  
MAY 1982  
2305 GMT

TIME MIN	CNTGT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/RG	RH PCT	RANGE KM	AZ DG
0.0	21.8	1472.0	851.0	23.9	2.1	180.0	2.0	0.0	2.0	311.1	328.5	5.3	24.0	0.0	0.0
0.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	22.0	1482.2	825.0	23.2	-0.5	208.2	2.4	1.2	2.2	310.4	323.3	4.3	20.7	0.1	33.3
1.0	24.7	1740.9	800.0	20.7	-0.6	208.0	2.5	1.2	2.2	310.4	323.3	4.4	23.7	0.1	31.1
1.7	27.3	2005.4	775.0	18.3	-1.6	209.0	2.7	1.3	2.2	310.7	323.2	4.3	25.6	0.2	29.2
2.4	30.0	2275.7	750.0	15.3	-2.7	220.7	3.0	1.6	2.6	310.3	322.3	4.1	28.8	0.4	32.2
3.1	32.8	2552.3	725.0	12.8	-3.2	211.7	3.3	1.8	2.8	310.6	322.9	4.1	33.5	0.5	35.5
3.9	35.5	2835.6	700.0	10.1	-4.1	176.8	2.8	1.6	2.3	310.6	322.9	4.2	39.0	0.6	39.0
4.8	38.3	3128.1	675.0	7.4	-4.1	200.8	2.8	1.6	2.4	310.7	322.7	4.1	44.1	0.9	28.2
5.6	41.1	3424.4	650.0	5.2	-4.7	248.6	3.1	1.9	2.4	311.5	321.3	3.2	39.4	0.9	31.1
6.2	44.0	3731.3	625.0	3.0	-5.7	256.3	3.3	2.1	2.9	312.3	320.9	2.8	38.8	1.1	39.4
6.9	46.9	4047.5	600.0	0.1	-6.8	268.3	3.6	2.4	3.5	312.8	320.5	2.9	47.1	1.3	45.6
7.3	48.9	4373.0	575.0	-2.8	-7.8	283.6	4.0	2.7	4.7	312.9	320.2	2.2	51.5	1.6	54.0
8.4	52.8	4708.6	550.0	-5.7	-8.8	293.6	4.4	3.0	6.0	313.3	320.2	2.2	55.5	1.8	54.0
10.4	58.8	5055.5	525.0	-8.5	-11.1	305.2	4.8	3.3	9.7	314.0	320.2	2.4	66.1	2.2	65.0
11.6	59.8	5414.5	500.0	-11.3	-13.7	324.5	5.2	3.7	13.1	314.0	320.2	2.4	66.1	2.2	65.0
13.0	62.1	5787.1	475.0	-13.3	-16.3	345.2	5.6	4.0	16.6	314.9	319.2	1.3	66.1	2.2	65.0
14.7	65.1	6175.1	450.0	-15.3	-18.9	365.0	6.0	4.4	20.1	315.8	319.2	1.0	66.1	2.2	65.0
16.4	68.8	6578.9	425.0	-18.7	-21.3	385.0	6.4	4.8	23.6	316.8	319.2	1.0	66.1	2.2	65.0
17.8	72.1	7003.6	400.0	-22.0	-24.3	428.6	6.8	5.2	27.1	317.8	322.5	1.0	66.1	2.2	65.0
19.5	75.7	7447.6	375.0	-24.3	-25.9	472.7	7.2	5.6	30.6	318.7	322.5	1.0	66.1	2.2	65.0
21.1	79.3	7915.2	350.0	-27.6	-32.0	521.3	7.6	6.0	34.1	320.9	322.5	0.5	66.1	2.2	65.0
23.0	83.0	8407.1	325.0	-31.5	-37.6	577.7	8.0	6.4	37.6	323.4	322.5	0.5	66.1	2.2	65.0
25.3	86.6	8927.1	300.0	-36.2	-45.0	642.4	8.4	6.8	41.1	326.3	327.0	0.2	66.1	2.2	65.0
27.2	90.8	9477.6	275.0	-40.4	-48.4	729.1	8.8	7.2	44.6	328.4	327.4	0.1	66.1	2.2	65.0
31.7	95.0	10064.2	250.0	-45.4	-50.9	838.1	9.2	7.6	48.1	328.4	327.4	0.1	66.1	2.2	65.0
34.3	98.5	10693.0	225.0	-50.7	-53.8	968.5	9.6	8.0	51.6	329.4	327.4	0.1	66.1	2.2	65.0
37.2	104.2	11371.5	200.0	-56.7	-56.7	1121.5	10.0	8.4	55.1	330.7	327.4	0.1	66.1	2.2	65.0
40.0	109.2	12111.7	175.0	-60.3	-59.9	1305.5	10.4	8.8	58.6	332.4	327.4	0.1	66.1	2.2	65.0
42.8	114.5	12835.0	150.0	-63.3	-63.3	1455.5	10.8	9.2	62.1	334.7	327.4	0.1	66.1	2.2	65.0
46.5	120.4	13695.6	125.0	-66.2	-66.2	1611.8	11.2	9.6	65.6	336.7	327.4	0.1	66.1	2.2	65.0
50.2	126.7	15038.1	100.0	-69.9	-69.9	1811.8	11.6	10.0	69.1	338.8	327.4	0.1	66.1	2.2	65.0
55.3	134.0	16426.6	75.0	-73.8	-73.8	2080.0	12.0	10.4	72.6	340.8	327.4	0.1	66.1	2.2	65.0
61.2	142.3	18226.9	50.0	-77.7	-77.7	2420.0	12.4	10.8	76.1	342.8	327.4	0.1	66.1	2.2	65.0
68.6	152.0	20789.8	25.0	-81.7	-81.7	2830.0	12.8	11.2	79.6	344.8	327.4	0.1	66.1	2.2	65.0
81.8	162.0	25203.4	25.0	-89.7	-89.7	3320.0	13.2	11.6	83.1	346.8	327.4	0.1	66.1	2.2	65.0

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

STATION NO 476  
 GRAND JUNCTION, COLORADO  
 2 MAY 1982  
 215 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES NB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	R1 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	98.0	0.0
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.8	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02.7	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03.6	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04.5	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05.4	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
06.3	22.5	1487.2	850.0	19.1	3.2	348.8	6.1	1.1	-6.0	308.2	322.4	5.7	34.7	99.9	0.0
07.2	25.1	1742.3	825.0	16.7	3.8	334.7	5.7	1.9	-8.0	306.3	323.6	6.1	42.1	99.9	1.73
08.1	27.8	2003.6	800.0	14.4	3.0	300.9	4.3	2.4	-2.7	306.5	323.5	6.0	46.2	99.9	0.8168
09.0	30.6	2270.6	775.0	12.1	1.4	306.6	3.6	3.7	-2.2	306.5	323.5	5.5	47.9	99.9	1.0162
09.9	33.3	2544.9	750.0	10.5	0.4	306.6	3.6	2.9	-1.8	308.7	323.3	5.3	49.5	99.9	1.2152
10.8	36.0	2826.4	725.0	8.4	0.0	10.9	1.9	-0.4	-1.7	308.7	324.1	5.3	51.3	99.9	1.3152
11.7	38.7	3115.4	700.0	6.3	-1.0	148.8	2.2	-1.4	1.7	308.5	323.8	5.0	51.4	99.9	1.1152
12.6	41.4	3412.4	675.0	4.2	-1.8	148.3	2.4	-1.8	2.8	310.4	323.8	4.6	51.4	99.9	0.9158
13.5	44.1	3717.6	650.0	2.1	-2.5	117.6	3.0	-2.4	1.4	310.8	322.4	3.8	51.4	99.9	0.8177
14.4	46.8	4022.3	625.0	0.0	-3.2	126.8	3.0	-2.4	1.4	311.3	322.4	3.7	51.4	99.9	0.6177
15.3	49.5	4327.0	600.0	-1.5	-4.0	150.5	2.9	-1.4	2.6	312.7	322.4	3.2	51.4	99.9	0.4182
16.2	52.2	4631.7	575.0	-3.0	-4.7	150.9	3.0	-1.2	2.6	312.1	321.7	2.2	51.4	99.9	0.2182
17.1	54.9	4936.4	550.0	-4.5	-5.4	141.8	3.4	-2.1	2.7	313.2	319.5	2.0	51.4	99.9	0.0182
18.0	57.6	5241.1	525.0	-6.0	-6.1	186.3	4.2	-1.0	4.1	313.9	318.7	1.5	51.4	99.9	0.0182
18.9	60.3	5545.8	500.0	-7.5	-6.8	196.8	5.9	-1.7	5.7	318.1	323.6	1.5	51.4	99.9	0.0182
19.8	63.0	5850.5	475.0	-9.0	-7.5	211.9	4.0	2.1	3.4	318.8	324.2	1.3	51.4	99.9	0.0182
20.7	65.7	6155.2	450.0	-10.5	-8.2	222.6	2.7	1.9	2.0	320.4	324.6	1.3	51.4	99.9	0.0182
21.6	68.4	6460.0	425.0	-12.0	-9.0	274.9	3.7	1.3	1.5	321.8	325.7	1.0	51.4	99.9	0.0182
22.5	71.1	6764.7	400.0	-13.5	-9.7	274.9	5.7	3.7	-0.8	323.4	325.7	0.7	51.4	99.9	0.0182
23.4	73.8	7069.4	375.0	-15.0	-10.5	245.1	5.2	4.8	-2.1	325.2	326.6	0.2	51.4	99.9	0.0182
24.3	76.5	7374.1	350.0	-16.5	-11.3	245.1	5.2	4.8	-2.1	325.2	326.6	0.2	51.4	99.9	0.0182
25.2	79.2	7678.8	325.0	-18.0	-12.1	223.7	6.6	7.1	-4.9	327.2	327.8	0.2	51.4	99.9	0.0182
26.1	81.9	7983.5	300.0	-19.5	-12.9	223.7	6.6	7.1	-4.9	327.2	327.8	0.2	51.4	99.9	0.0182
27.0	84.6	8288.2	275.0	-21.0	-13.7	232.8	11.0	8.6	-6.7	329.1	329.9	0.2	51.4	99.9	0.0182
27.9	87.3	8592.9	250.0	-22.5	-14.5	232.8	11.0	8.6	-6.7	329.1	329.9	0.2	51.4	99.9	0.0182
28.8	90.0	8897.6	225.0	-24.0	-15.3	237.1	12.8	10.0	-8.9	330.6	330.6	0.2	51.4	99.9	0.0182
29.7	92.7	9202.3	200.0	-25.5	-16.1	237.1	12.8	10.0	-8.9	330.6	330.6	0.2	51.4	99.9	0.0182
30.6	95.4	9507.0	175.0	-27.0	-16.9	245.8	11.1	5.0	-7.0	331.9	331.9	0.2	51.4	99.9	0.0182
31.5	98.1	9811.7	150.0	-28.5	-17.7	245.8	10.2	3.0	-5.0	336.2	336.2	0.2	51.4	99.9	0.0182
32.4	100.8	10116.4	125.0	-30.0	-18.5	253.3	10.8	1.8	-3.0	361.7	361.7	0.2	51.4	99.9	0.0182
33.3	103.5	10421.1	100.0	-31.5	-19.3	281.0	11.8	1.5	-2.2	381.5	381.5	0.2	51.4	99.9	0.0182
34.2	106.2	10725.8	75.0	-33.0	-20.1	291.8	6.8	1.7	-2.7	411.7	411.7	0.2	51.4	99.9	0.0182
35.1	108.9	11030.5	50.0	-34.5	-20.9	337.7	4.4	-0.7	-4.1	501.1	501.1	0.2	51.4	99.9	0.0182
36.0	111.6	11335.2	25.0	-36.0	-21.7	98.5	4.1	-0.7	-4.1	630.2	630.2	0.2	51.4	99.9	0.0182
36.9	114.3	11639.9	0.0	-37.5	-22.5	98.5	4.1	-0.7	-4.1	630.2	630.2	0.2	51.4	99.9	0.0182

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

ORIGINAL FACETS  
 OF POOR QUALITY

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 476  
GRAND JUNCTION, COLORADO  
2 MAY 1982  
515 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	13	0
0 0	21 5	1472 0	853 0	15 6	3 7	126 0	2 1	-1 8	1 0	302 2	318 7	5 9	45 0	0	0	0
0 0	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 0	99 9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 0	99 9	99 9	950 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 0	99 9	99 9	925 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 0	99 9	99 9	900 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 0	99 9	99 9	875 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 1	21 6	1502 0	850 0	15 9	3 6	99 9	99 9	99 9	99 9	302 8	319 5	6 0	44 5	99 9	99 9	99 9
0 1	24 4	1756 3	825 0	16 3	2 6	99 9	99 9	99 9	99 9	305 8	321 9	5 6	39 8	99 9	99 9	99 9
1 7	27 0	2016 9	800 0	14 1	1 6	99 9	99 9	99 9	99 9	306 2	321 6	5 4	42 6	99 9	99 9	99 9
2 5	29 7	2284 5	775 0	12 8	0 7	125 5	2 4	-2 1	1 5	307 6	323 2	5 2	43 5	99 9	99 9	99 9
3 5	32 4	2556 0	750 0	10 6	0 1	125 5	2 6	-1 7	1 5	308 3	323 2	5 2	47 7	99 9	99 9	99 9
4 3	35 1	2840 6	725 0	8 7	-0 4	185 5	4 2	-1 7	3 6	309 1	324 0	5 1	52 6	99 9	99 9	99 9
5 4	37 9	3129 9	700 0	6 1	-2 2	185 5	5 2	0 5	5 2	309 3	322 9	4 6	54 5	99 9	99 9	99 9
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	99 9	99 9	99 9
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	99 9	99 9	99 9
8 3	46 4	4047 7	625 0	-1 0	-8 7	179 9	6 0	-0 9	5 9	311 4	320 9	3 2	55 7	99 9	99 9	99 9
9 4	49 3	4372 0	600 0	-4 0	-10 2	181 1	5 6	0 1	4 2	311 5	320 4	2 9	62 2	99 9	99 9	99 9
10 5	52 3	4706 4	575 0	-6 7	-11 9	191 1	4 3	0 8	4 5	312 2	320 3	2 7	66 0	99 9	99 9	99 9
11 7	55 3	5051 8	550 0	-9 7	-12 1	190 8	4 6	0 9	4 5	314 0	320 9	2 2	82 9	99 9	99 9	99 9
12 8	58 4	5409 7	525 0	-12 0	-15 2	199 1	3 5	1 4	4 1	314 0	320 9	2 2	77 2	99 9	99 9	99 9
14 0	61 5	5781 8	500 0	-14 4	-16 4	197 9	3 5	1 1	3 3	315 5	322 1	1 7	84 8	99 9	99 9	99 9
15 1	64 7	6169 5	475 0	-16 6	-18 6	202 1	4 6	0 6	4 6	317 5	322 9	1 3	87 2	99 9	99 9	99 9
16 3	68 0	6574 9	450 0	-18 3	-23 1	211 1	5 9	3 0	5 0	319 0	323 3	1 3	77 2	99 9	99 9	99 9
17 7	71 4	6997 3	425 0	-21 1	-23 6	211 6	4 4	2 3	3 8	320 6	323 3	1 3	87 7	99 9	99 9	99 9
19 4	74 9	7440 6	400 0	-25 1	-23 6	203 6	4 4	1 8	3 6	322 3	325 0	0 8	84 5	99 9	99 9	99 9
21 1	78 3	7907 0	375 0	-28 4	-33 8	203 6	6 3	3 5	5 3	324 0	328 0	0 6	59 6	99 9	99 9	99 9
22 8	82 0	8398 2	350 0	-31 8	-42 4	224 9	7 0	5 0	4 4	325 9	328 0	0 3	33 6	99 9	99 9	99 9
24 5	85 8	8918 1	325 0	-35 9	-49 1	231 5	7 1	6 3	4 4	327 1	327 6	0 1	24 2	99 9	99 9	99 9
26 5	89 8	9468 3	300 0	-41 0	-59 9	239 3	7 4	6 3	3 8	327 6	99 9	99 9	99 9	99 9	99 9	99 9
28 6	94 0	10053 4	275 0	-46 1	-69 9	251 7	7 1	7 1	2 4	328 4	99 9	99 9	99 9	99 9	99 9	99 9
30 8	98 3	10680 4	250 0	-51 1	-77 5	258 2	7 7	7 5	1 8	330 1	99 9	99 9	99 9	99 9	99 9	99 9
33 5	103 0	11357 2	225 0	-56 3	-89 9	267 0	9 3	9 3	0 5	332 2	99 9	99 9	99 9	99 9	99 9	99 9
36 1	107 8	12098 1	200 0	-60 3	-99 9	283 4	10 1	10 1	3 0	337 3	99 9	99 9	99 9	99 9	99 9	99 9
39 1	113 2	13023 7	175 0	-64 2	-99 9	245 5	11 0	10 0	4 0	343 9	99 9	99 9	99 9	99 9	99 9	99 9
42 4	118 6	13972 6	150 0	-58 6	-99 9	281 0	11 2	11 1	1 7	367 8	99 9	99 9	99 9	99 9	99 9	99 9
46 5	125 2	14709 2	126 0	-58 2	-99 9	285 8	10 6	10 5	0 8	387 8	99 9	99 9	99 9	99 9	99 9	99 9
51 4	132 7	16409 2	100 0	-60 7	-99 9	314 2	3 2	2 3	-2 2	410 6	99 9	99 9	99 9	99 9	99 9	99 9
57 3	141 0	18183 4	75 0	-63 1	-99 9	319 2	3 1	2 0	-2 4	440 7	99 9	99 9	99 9	99 9	99 9	99 9
65 3	151 0	20886 6	50 0	-66 8	-99 9	127 9	4 8	3 8	-2 9	500 2	99 9	99 9	99 9	99 9	99 9	99 9
76 4	161 0	25099 3	25 0	-54 8	-99 9	99 9	99 9	-9 9	99 9	627 0	99 9	99 9	99 9	99 9	99 9	99 9

\* 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. 476  
GRAND JUNCTION, COLORADO  
2 MAY 1982  
1105 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 DC K	MX RTO CM/RG	RH PCT	RANGE NM	AZ DG
00	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	0.0
01	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
06	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
07	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	3.4
08	21.7	1757.2	825.0	13.0	1.6	154.3	6.1	-2.7	5.6	302.3	317.3	5.3	48.0	0.3	3.4
09	28.9	2016.2	800.0	13.2	1.8	152.0	6.1	-1.7	5.6	305.6	320.7	5.4	50.1	0.6	3.3
10	28.5	2282.4	775.0	11.3	1.2	171.2	3.3	-0.6	3.1	305.6	321.4	5.4	50.1	0.6	3.3
11	32.2	2535.4	750.0	8.7	1.2	324.0	2.9	-0.7	-2.3	306.0	322.0	5.5	50.1	0.6	3.3
12	34.9	2835.1	725.0	6.5	0.5	282.1	3.2	3.2	-0.7	306.0	322.3	5.5	50.1	0.6	3.3
13	37.7	3122.6	700.0	4.7	0.5	237.8	3.5	3.0	1.9	307.7	322.3	5.5	50.1	0.6	3.3
14	40.4	3418.2	675.0	2.4	-1.5	209.7	3.8	1.9	3.3	308.4	322.3	5.5	50.1	0.6	3.3
15	43.1	3722.5	650.0	0.2	-2.4	179.2	4.6	-0.1	4.8	309.8	321.8	5.5	50.1	0.6	3.3
16	45.1	4035.9	625.0	-2.3	-5.5	149.6	5.1	0.0	5.1	309.8	321.9	5.5	50.1	0.6	3.3
17	48.0	4359.0	600.0	-4.5	-8.7	184.8	5.0	0.4	4.7	310.9	320.9	5.5	50.1	0.6	3.3
18	52.0	4693.4	575.0	-6.4	-13.3	197.5	4.9	1.5	4.0	312.4	319.8	5.5	50.1	0.6	3.3
19	55.0	5040.2	550.0	-7.8	-16.3	200.6	4.5	1.9	5.0	314.9	320.1	5.5	50.1	0.6	3.3
20	58.0	5400.7	525.0	-10.0	-18.6	207.7	4.5	3.0	5.7	316.5	321.4	5.5	50.1	0.6	3.3
21	61.3	5725.1	500.0	-13.0	-23.3	226.6	4.5	5.0	4.7	317.2	321.0	5.5	50.1	0.6	3.3
22	64.4	6164.2	475.0	-15.9	-27.6	238.2	4.5	5.6	3.3	318.4	322.6	5.5	50.1	0.6	3.3
23	67.7	6598.5	450.0	-18.6	-31.7	229.3	4.5	4.0	3.1	319.6	324.0	5.5	50.1	0.6	3.3
24	71.0	6993.5	425.0	-21.2	-34.7	227.6	4.5	3.5	2.1	321.3	325.3	5.5	50.1	0.6	3.3
25	74.4	7438.3	400.0	-24.4	-37.7	252.0	4.5	5.2	1.8	323.3	326.5	5.5	50.1	0.6	3.3
26	78.0	7904.8	375.0	-28.2	-42.6	257.7	4.5	5.7	1.4	325.6	327.0	5.5	50.1	0.6	3.3
27	81.7	8398.3	350.0	-31.9	-45.6	253.6	4.6	6.4	2.1	326.6	327.4	5.5	50.1	0.6	3.3
28	85.5	8915.6	325.0	-36.3	-49.9	234.0	6.8	6.4	4.6	328.6	328.6	5.5	50.1	0.6	3.3
29	89.7	9465.1	300.0	-41.3	-55.8	258.9	7.9	9.8	4.6	328.6	329.9	5.5	50.1	0.6	3.3
30	93.7	10077.7	275.0	-45.9	-59.9	255.8	10.0	9.8	1.9	328.6	329.9	5.5	50.1	0.6	3.3
31	98.0	10677.7	250.0	-50.7	-64.4	268.4	17.8	7.6	0.9	330.8	329.9	5.5	50.1	0.6	3.3
32	102.7	11356.3	225.0	-55.6	-69.9	268.4	8.5	6.2	0.2	333.0	329.9	5.5	50.1	0.6	3.3
33	107.6	12098.1	200.0	-61.7	-75.8	268.4	8.2	6.2	0.2	335.1	329.9	5.5	50.1	0.6	3.3
34	113.0	12914.2	175.0	-68.2	-82.9	249.2	8.7	8.1	3.1	340.7	329.9	5.5	50.1	0.6	3.3
35	118.7	13861.4	150.0	-75.4	-90.9	252.2	11.1	10.6	3.4	346.0	329.9	5.5	50.1	0.6	3.3
36	125.2	15000.5	125.0	-82.9	-98.9	250.4	10.4	9.7	3.5	347.4	329.9	5.5	50.1	0.6	3.3
37	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
38	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
39	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
40	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* 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 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 532  
PEORIA, ILLINOIS  
1 MAY 1982  
1100 GMT

TIME MIN	CNTCT	HEIGHT SPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE NM	AZ DG
00.0	6	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
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	399.9	399.9	99.9	999.9	999.9	999.9
00.8	9	408.5	975.0	15.5	6.3	99.9	99.9	99.9	99.9	290.8	307.1	6.2	54.2	999.9	999.9
1.6	12.0	628.7	850.0	14.8	3.0	99.9	99.9	99.9	99.9	292.2	306.6	5.4	48.1	999.9	999.9
2.3	11.6	623.7	825.0	12.9	2.5	339.0	3.7	3.5	3.5	292.5	305.9	5.0	49.2	0.4	143
3.0	17.2	1083.1	820.0	11.1	1.5	327.9	4.3	4.1	4.1	292.9	305.5	4.7	51.5	0.6	149
3.4	19.9	1317.3	875.0	8.8	0.7	322.9	4.8	4.6	4.6	292.9	305.5	4.6	57.0	0.8	153
4.4	22.6	1596.2	850.0	6.2	0.6	320.3	4.1	4.0	4.0	292.7	304.5	4.3	61.8	1.0	155
5.2	25.3	1800.1	825.0	4.0	-1.0	341.4	4.1	3.3	3.7	292.6	304.3	4.3	70.0	1.1	156
5.8	28.1	2049.4	800.0	4.0	-1.4	345.3	4.1	1.0	3.6	292.7	304.3	4.3	80.3	1.3	157
6.6	30.8	2304.5	775.0	-0.6	-1.4	348.9	3.7	0.9	3.7	292.8	305.4	4.5	84.2	1.5	158
7.4	33.4	2585.6	750.0	-3.5	-1.4	348.9	3.7	3.5	3.7	292.8	305.4	4.5	94.2	1.7	158
8.3	36.3	2838.6	725.0	-1.4	-1.9	299.3	7.0	6.1	3.4	301.1	304.6	4.2	19.9	2.0	146
9.3	39.2	3118.0	700.0	-0.3	-2.0	299.8	7.4	6.4	3.8	302.2	305.6	4.1	20.9	2.3	146
10.3	42.1	3407.7	675.0	-2.4	-2.1	303.3	6.9	5.7	3.8	302.9	306.0	4.1	20.9	2.7	142
11.3	45.1	3706.3	650.0	-3.9	-2.3	303.5	7.3	5.3	3.8	304.5	307.4	4.0	21.0	3.1	140
12.4	48.0	4014.8	625.0	-5.6	-2.4	305.5	6.3	5.3	3.6	306.1	308.9	4.0	21.1	3.6	140
13.4	51.0	4323.7	600.0	-7.5	-2.5	307.5	6.3	5.3	3.6	307.4	309.9	4.0	21.1	4.2	140
14.5	54.0	4632.2	575.0	-10.4	-2.6	311.4	7.0	7.0	7.0	307.8	310.3	4.0	26.1	4.9	139
15.6	57.1	4940.7	550.0	-13.6	-2.8	314.6	7.5	6.5	7.5	308.0	310.3	4.0	26.1	5.7	138
16.9	60.3	5249.1	525.0	-14.9	-3.1	323.6	11.3	10.6	7.0	308.0	310.3	4.0	26.1	6.7	135
18.3	63.4	5723.9	500.0	-17.3	-3.3	287.7	12.2	13.1	5.5	310.6	312.4	4.0	23.2	7.7	131
19.5	66.6	6106.4	475.0	-20.0	-3.6	290.6	15.2	14.5	4.6	312.0	313.6	4.0	23.2	8.9	128
21.1	70.0	6504.9	450.0	-23.1	-3.8	297.6	18.8	16.6	5.9	313.3	314.5	4.0	22.3	10.5	126
22.6	73.4	6921.1	425.0	-26.8	-4.0	303.8	19.2	16.9	8.7	314.3	315.6	4.0	22.3	12.3	125
24.1	76.8	7355.0	400.0	-30.7	-4.3	308.1	18.4	15.8	10.7	314.7	315.8	4.0	26.7	14.9	125
25.9	80.6	7809.6	375.0	-34.5	-4.5	305.1	19.3	15.8	11.3	315.9	316.5	4.0	30.8	18.1	125
27.7	84.3	8274.1	350.0	-38.5	-4.8	303.1	20.4	17.1	11.2	316.8	317.2	4.0	30.8	20.5	125
29.6	88.1	8749.1	325.0	-42.3	-4.9	308.9	22.1	18.7	13.3	318.4	319.9	4.0	999.9	23.5	126
31.7	92.0	9224.1	300.0	-46.3	-4.9	309.9	25.1	18.7	16.9	320.4	319.9	4.0	999.9	27.0	126
33.0	96.3	9709.0	275.0	-47.3	-4.9	309.1	28.8	21.9	16.9	326.8	319.9	4.0	999.9	30.7	127
34.2	100.7	10222.1	250.0	-55.1	-4.9	323.7	28.4	21.9	14.6	324.2	319.9	4.0	999.9	34.6	126
36.7	105.3	11186.0	225.0	-58.4	-4.9	284.2	30.3	27.7	12.4	327.5	319.9	4.0	999.9	38.8	124
38.1	110.2	11922.1	200.0	-60.7	-4.9	284.2	32.2	30.4	10.7	328.0	319.9	4.0	999.9	45.2	122
40.5	115.5	12756.6	175.0	-58.9	-4.9	290.9	32.2	25.1	9.3	352.0	319.9	4.0	999.9	50.6	121
43.1	121.4	13728.0	150.0	-57.7	-4.9	294.5	22.5	20.4	7.4	388.1	319.9	4.0	999.9	55.3	121
46.1	128.0	14874.7	125.0	-59.0	-4.9	290.3	16.8	15.1	5.0	410.8	319.9	4.0	999.9	63.0	120
49.2	135.3	16280.3	100.0	-57.5	-4.9	294.7	11.9	10.9	4.0	454.4	319.9	4.0	999.9	68.8	121
52.4	143.7	18093.7	75.0	-56.5	-4.9	310.3	7.2	5.5	2.0	513.9	319.9	4.0	999.9	83.6	121
55.1	154.0	20672.5	50.0	-55.0	-4.9	298.7	4.1	3.6	0.9	599.9	319.9	4.0	999.9	83.6	121
57.1	165.0	25137.8	25.0	-52.0	-4.9	999.9	99.9	99.9	99.9	635.1	319.9	4.0	999.9	83.6	121

\* 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  
1 MAY 1982  
1415 GMT

155 25 C

TIME MIN	CRCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DJ K	E POT DJ K	MX RTO GM/KG	RH PC	RANGE NM	IZ DG
00	0.0	200	1000	15.0	8.3	300.0	1.8	1.4	-0.8	288.2	306.1	6.9	64.0	0.0	C
01	0.0	201	1000	15.0	8.2	999.9	99.9	99.9	99.9	288.2	306.1	6.9	64.0	0.0	999
02	0.0	196	975	15.2	4.5	999.9	99.9	99.9	99.9	290.4	305.0	5.4	48.9	0.0	999
03	11.2	636	950	14.8	0.3	999.9	99.9	99.9	99.9	292.2	303.5	4.1	37.0	0.0	999
04	14.0	661	925	13.0	-0.7	999.9	99.9	99.9	99.9	292.6	302.5	3.8	38.8	0.0	999
05	16.5	1000	900	10.9	-1.2	28.0	2.6	-1.2	-2.3	282.8	303.2	3.9	41.7	0.0	202
06	18.0	1324	875	8.7	-2.3	7.8	2.1	-0.3	-2.1	282.8	303.0	3.7	46.0	0.0	202
07	21.6	1583	850	6.6	-2.4	352.8	2.3	0.3	-2.3	283.3	304.0	3.9	52.8	0.0	199
08	24.2	1808	825	4.7	-2.4	346.2	2.6	0.6	-2.5	283.6	304.3	3.9	60.0	0.0	194
09	26.8	2057	800	2.2	-2.4	348.5	2.8	0.7	-2.7	283.6	304.6	4.0	71.3	0.0	190
10	29.4	2313	775	-0.4	-3.0	320.8	2.7	1.7	-2.1	283.4	304.4	4.0	82.6	1.1	185
11	32.1	2574	750	-3.0	-3.6	322.8	3.9	2.3	-3.1	293.3	304.1	3.9	95.3	1.2	179
12	34.8	2845	725	-1.4	-15.3	315.3	3.8	4.8	-4.8	301.0	305.8	1.6	107.2	1.4	172
13	37.6	3126	700	0.0	-18.6	306.9	8.8	7.0	-5.3	302.5	307.0	1.5	127.3	1.9	161
14	40.3	3418	675	-0.0	-18.4	286.9	8.2	7.4	-3.7	303.5	307.6	1.3	141.5	2.3	152
15	43.2	3718	650	-3.1	-19.6	285.9	7.9	6.5	-3.9	305.5	309.3	1.2	145.5	2.7	145
16	46.0	4025	625	-4.6	-20.9	285.2	7.2	7.2	-3.4	307.2	310.8	1.2	141.5	3.2	141
17	48.8	4348	600	-6.2	-21.3	289.1	9.7	8.4	-4.7	308.9	312.6	1.1	137.3	3.7	137
18	51.6	4678	575	-8.3	-22.7	309.0	11.6	9.3	-7.3	309.1	312.5	1.1	135.5	4.5	135
19	54.4	5018	550	-12.6	-25.1	311.9	15.5	11.5	-10.3	309.2	312.1	0.9	133.9	5.7	134
20	57.2	5372	525	-14.4	-27.0	308.0	16.6	13.1	-10.2	311.1	313.7	0.6	132.2	7.1	133
21	60.0	5740	500	-16.4	-29.6	302.3	17.1	14.5	-9.2	313.0	315.2	0.6	130.3	8.5	132
22	62.8	6125	475	-18.7	-32.9	294.9	18.8	17.1	-7.9	314.8	316.5	0.5	127.2	10.2	130
23	65.6	6525	450	-21.9	-35.3	292.4	19.2	18.0	-6.7	315.8	317.2	0.4	125.3	11.9	127
24	68.4	6943	425	-25.4	-37.7	292.6	19.1	17.6	-7.4	316.5	317.7	0.3	124.4	13.6	125
25	71.2	7379	400	-29.6	-41.4	295.0	19.9	18.0	-8.4	316.5	317.4	0.2	124.4	15.6	124
26	74.0	7837	375	-33.2	-43.4	297.1	21.9	19.5	-10.0	317.7	318.5	0.2	123.3	17.7	123
27	76.8	8317	350	-37.3	-46.6	303.4	23.7	18.3	-12.0	318.4	319.0	0.2	122.3	20.1	122
28	79.6	8825	325	-41.4	-49.8	304.3	25.2	19.5	-13.4	319.6	319.9	0.9	123.3	22.8	123
29	82.4	9384	300	-45.8	-53.0	304.3	25.7	20.8	-14.2	321.1	319.9	0.9	123.3	25.9	123
30	85.2	9958	275	-48.8	-56.8	302.9	25.7	21.5	-14.0	324.6	319.9	0.9	123.3	29.3	123
31	88.0	10559	250	-53.0	-59.9	298.7	26.1	22.9	-12.5	326.4	319.9	0.9	123.3	33.1	123
32	90.8	11228	225	-59.3	-61.9	295.4	27.4	24.8	-11.8	326.4	319.9	0.9	123.3	37.0	121
33	93.6	11982	200	-61.9	-61.9	290.1	28.9	28.1	-10.3	334.8	319.9	0.9	123.3	41.2	121
34	96.4	12793	175	-58.0	-61.9	292.7	28.6	24.5	-10.3	354.2	319.9	0.9	123.3	46.4	120
35	99.2	13764	150	-56.6	-61.9	300.3	21.1	18.2	-10.6	372.7	319.9	0.9	123.3	51.3	120
36	102.0	14815	125	-57.9	-61.9	293.7	15.6	14.3	-6.3	390.3	319.9	0.9	123.3	55.4	120
37	104.8	15928	100	-55.7	-61.9	298.2	11.3	10.0	-5.4	425.1	319.9	0.9	123.3	59.3	119
38	107.6	18148	75	-56.0	-61.9	310.6	7.1	5.4	-4.8	451.5	319.9	0.9	123.3	62.4	119
39	110.4	20748	50	-53.1	-61.9	27.9	3.4	-1.6	-3.0	518.5	319.9	0.9	123.3	64.6	120
40	113.2	25228	25	-51.3	-61.9	98.9	98.9	98.9	98.9	637.2	319.9	0.9	123.3	98.9	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. 532  
PEORIA, ILLINOIS  
1 MAY 1962  
1715 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEM PT 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
00	0	200	1000	21	4.6	220	1.8	1.0	1.2	294	308	5	34	0	0
00	0	1000	1000	09	09	09	09	09	09	09	09	09	09	09	09
00	0	417	975	18	7.9	09	09	09	09	09	09	09	09	09	09
00	0	638	950	15	1.2	09	09	09	09	09	09	09	09	09	09
00	0	884	925	13	0.3	280	1.2	1.2	0	293	304	4	38	0	0
00	0	1093	900	11	0.6	342	1.0	0.9	-0.5	293	304	4	42	0	0
00	0	1328	875	9	0.4	20.1	0.8	0.2	-0.8	293	305	4	50	0	0
00	0	1568	850	7	0.1	329	0.7	-0.2	-0.7	293	306	4	59	0	0
00	0	1812	825	5	0.1	318	1.4	0.7	-1.2	293	305	4	69	0	0
00	0	2062	800	2	0.8	318	2.4	1.6	-1.8	293	305	4	82	0	0
00	0	2318	775	0	1.5	325	2.8	1.6	-2.3	294	305	4	91	0	0
00	0	2578	750	0	3.0	327	3.8	2.1	-3.2	294	305	4	94	0	0
00	0	2849	725	0	15.7	320	6.5	4.1	-5.0	299	304	1	96	0	0
00	0	3130	700	0	20.2	306	7.5	4.1	-5.0	302	306	1	96	0	0
00	0	3420	675	0	22.7	288	8.1	7.7	-4.5	305	305	0	99	0	0
00	0	3720	650	0	23.7	280	8.5	7.7	-4.5	305	305	0	99	0	0
00	0	4020	625	0	23.8	282	9.2	9.0	-4.6	305	305	0	99	0	0
00	0	4320	600	0	23.7	287	9.6	9.3	-4.6	307	310	0	99	0	0
00	0	4620	575	0	23.0	287	10.7	9.3	-4.2	309	311	0	99	0	0
00	0	4920	550	0	23.1	293	10.7	9.3	-4.2	309	311	0	99	0	0
00	0	5220	525	0	23.1	293	13.2	12.1	-7.4	310	312	0	99	0	0
00	0	5520	500	0	23.5	298	15.6	13.7	-7.4	310	313	0	99	0	0
00	0	5820	475	0	23.5	300	18.8	14.4	-8.6	311	313	0	99	0	0
00	0	6120	450	0	23.8	301	17.7	15.1	-9.3	311	315	0	99	0	0
00	0	6420	425	0	23.8	299	18.8	16.3	-9.3	316	317	0	99	0	0
00	0	6720	400	0	24.0	293	20.4	18.8	-8.1	317	318	0	99	0	0
00	0	7020	375	0	24.3	293	21.1	19.4	-8.3	317	318	0	99	0	0
00	0	7320	350	0	24.5	298	21.8	19.4	-10.5	318	318	0	99	0	0
00	0	7620	325	0	24.8	303	22.9	18.4	-12.6	319	320	0	99	0	0
00	0	7920	300	0	25.0	308	22.9	18.4	-13.6	320	320	0	99	0	0
00	0	8220	275	0	25.4	304	23.0	18.4	-13.6	320	320	0	99	0	0
00	0	8520	250	0	25.9	305	24.5	18.6	-14.1	321	321	0	99	0	0
00	0	8820	225	0	26.1	305	26.1	20.1	-14.1	321	321	0	99	0	0
00	0	9120	200	0	26.5	301	28.5	22.3	-14.1	321	321	0	99	0	0
00	0	9420	175	0	27.0	296	28.1	22.3	-12.6	326	326	0	99	0	0
00	0	9720	150	0	27.8	289	26.6	25.0	-12.2	328	328	0	99	0	0
00	0	10020	125	0	28.1	293	24.8	22.8	-9.8	335	335	0	99	0	0
00	0	10320	100	0	28.3	290	24.8	22.8	-9.8	335	335	0	99	0	0
00	0	10620	75	0	28.4	283	15.3	17.1	-8.4	371	371	0	99	0	0
00	0	10920	50	0	28.7	295	11.9	14.7	-3.5	390	390	0	99	0	0
00	0	11220	25	0	28.9	311	8.3	10.7	-5.1	414	414	0	99	0	0
00	0	11520	0	0	29.0	311	8.3	10.7	-5.1	414	414	0	99	0	0
00	0	11820	0	0	29.0	355	2.8	0.2	-5.5	456	456	0	99	0	0
00	0	12120	0	0	29.0	433	4.1	-3.0	-2.3	517	517	0	99	0	0
00	0	12420	0	0	29.0	433	4.1	-3.0	-2.3	517	517	0	99	0	0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* 0! SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATON EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 532  
PEORIA, ILLINOIS  
1 MAY 2015 GMT 1962

TIME MIN	CMTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	TOT T DU K	E POT DU K	MX RTD GM/KG	RH PCT	RANGE M	Z DG
0.0	0.0	200.0	998.0	21.7	5.2	230.0	1.0	0.6	0.6	295.0	310.1	5.6	34.0	0.0	0.0
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0
0.9	99.9	99.9	998.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0
1.5	11.5	629.4	950.0	16.7	-1.1	999.9	99.9	99.9	99.9	294.2	304.4	3.7	26.7	0.0	999.0
2.2	14.5	855.6	925.0	14.6	-0.9	280.4	3.2	3.2	-0.6	294.3	304.5	3.9	29.7	0.0	999.0
2.7	17.1	1006.3	900.0	12.6	-0.5	281.8	3.2	3.0	-1.2	294.5	305.8	4.1	34.4	0.3	77.7
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	0.4	65.5
4.2	22.3	1562.1	850.0	7.8	-1.2	290.5	3.6	3.2	-1.5	294.4	305.8	4.4	48.4	0.5	91.4
5.1	25.0	1807.6	825.0	5.7	-1.2	290.5	3.6	3.2	-1.0	294.6	305.8	4.4	52.7	0.7	97.4
6.0	27.7	2058.6	800.0	3.7	-1.6	298.9	3.7	3.2	-1.8	295.1	306.7	4.4	61.0	0.9	100.0
6.8	30.4	2315.5	775.0	1.9	-2.0	314.1	4.2	3.0	-2.8	294.8	306.6	4.4	67.1	1.0	103.0
7.6	33.1	2578.2	750.0	0.9	-2.2	331.1	4.3	3.0	-3.0	295.2	307.2	4.4	80.7	1.2	105.0
8.4	35.8	2847.5	725.0	-1.3	-2.4	348.1	4.3	1.8	-3.8	295.4	307.4	4.4	93.9	1.4	114.0
9.1	38.0	3126.1	700.0	-2.7	-2.4	365.1	4.3	1.8	-4.6	295.4	307.4	4.4	107.1	1.6	121.0
10.2	41.6	3410.1	675.0	-4.1	-1.8	382.1	4.3	1.8	-5.4	301.7	305.6	4.4	120.3	1.8	124.0
11.1	44.4	3715.6	650.0	-5.5	-1.9	399.1	4.3	1.8	-6.2	307.4	307.4	4.4	133.5	2.0	127.0
12.1	47.3	4025.4	625.0	-7.0	-2.3	416.1	4.3	1.8	-7.0	307.4	307.4	4.4	146.7	2.2	130.0
13.1	50.2	4345.4	600.0	-8.4	-2.3	433.1	4.3	1.8	-7.8	307.4	307.4	4.4	160.0	2.4	133.0
14.2	53.3	4675.6	575.0	-9.8	-2.4	450.1	4.3	1.8	-8.6	307.4	307.4	4.4	173.3	2.6	136.0
15.4	56.4	5017.6	550.0	-11.2	-2.4	467.1	4.3	1.8	-9.4	307.4	307.4	4.4	186.6	2.8	139.0
16.7	59.4	5372.0	525.0	-12.6	-2.4	484.1	4.3	1.8	-10.2	307.4	307.4	4.4	200.0	3.0	142.0
18.1	62.5	5739.7	500.0	-14.0	-2.4	501.1	4.3	1.8	-11.0	307.4	307.4	4.4	213.3	3.2	145.0
19.4	65.5	6122.1	475.0	-15.4	-2.4	518.1	4.3	1.8	-11.8	307.4	307.4	4.4	226.6	3.4	148.0
21.0	68.1	6522.1	450.0	-16.8	-2.4	535.1	4.3	1.8	-12.6	307.4	307.4	4.4	240.0	3.6	151.0
22.4	70.4	6939.6	425.0	-18.2	-2.4	552.1	4.3	1.8	-13.4	307.4	307.4	4.4	253.3	3.8	154.0
24.0	72.4	7375.9	400.0	-19.6	-2.4	569.1	4.3	1.8	-14.2	307.4	307.4	4.4	266.6	4.0	157.0
25.6	74.9	7833.5	375.0	-21.0	-2.4	586.1	4.3	1.8	-15.0	307.4	307.4	4.4	280.0	4.2	160.0
27.4	77.4	8314.6	350.0	-22.4	-2.4	603.1	4.3	1.8	-15.8	307.4	307.4	4.4	293.3	4.4	163.0
29.2	80.0	8821.6	325.0	-23.8	-2.4	620.1	4.3	1.8	-16.6	307.4	307.4	4.4	306.6	4.6	166.0
30.9	82.1	9359.7	300.0	-25.2	-2.4	637.1	4.3	1.8	-17.4	307.4	307.4	4.4	320.0	4.8	169.0
32.6	84.8	9934.8	275.0	-26.6	-2.4	654.1	4.3	1.8	-18.2	307.4	307.4	4.4	333.3	5.0	172.0
34.4	87.3	10553.8	250.0	-28.0	-2.4	671.1	4.3	1.8	-19.0	307.4	307.4	4.4	346.6	5.2	175.0
36.0	90.2	11221.7	225.0	-29.4	-2.4	688.1	4.3	1.8	-19.8	307.4	307.4	4.4	360.0	5.4	178.0
37.6	93.8	11951.6	200.0	-30.8	-2.4	705.1	4.3	1.8	-20.6	307.4	307.4	4.4	373.3	5.6	181.0
42.4	100.0	13763.3	175.0	-32.2	-2.4	722.1	4.3	1.8	-21.4	307.4	307.4	4.4	386.6	5.8	184.0
45.2	113.0	15751.3	150.0	-33.6	-2.4	739.1	4.3	1.8	-22.2	307.4	307.4	4.4	400.0	6.0	187.0
48.0	125.7	17906.0	125.0	-35.0	-2.4	756.1	4.3	1.8	-23.0	307.4	307.4	4.4	413.3	6.2	190.0
52.5	143.4	20234.4	100.0	-36.4	-2.4	773.1	4.3	1.8	-23.8	307.4	307.4	4.4	426.6	6.4	193.0
57.3	161.2	22748.8	75.0	-37.8	-2.4	790.1	4.3	1.8	-24.6	307.4	307.4	4.4	440.0	6.6	196.0
63.5	181.2	25452.8	50.0	-39.2	-2.4	807.1	4.3	1.8	-25.4	307.4	307.4	4.4	453.3	6.8	199.0
71.7	203.3	28352.3	25.0	-40.6	-2.4	824.1	4.3	1.8	-26.2	307.4	307.4	4.4	466.6	7.0	202.0
84.4	251.3	35482.3	0.0	-42.0	-2.4	841.1	4.3	1.8	-27.0	307.4	307.4	4.4	480.0	7.2	205.0

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

ORIGINAL PAGE IS  
OF POOR QUALITY

TIME MIN	CNTCT	WEIGHT GPM	PRES INB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KR	RH PCT	RANGE KM	AZ DC
00	7	200.0	988.0	21.1	7.0	250.0	1.6	1.5	0.5	294.4	311.4	6.3	40.0	0	0
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	9.5	400.0	975.0	18.8	-1.4	999.9	99.9	99.9	99.9	294.1	303.9	3.5	25.4	0	0
1.4	12.1	622.7	950.0	16.7	-0.9	999.9	99.9	99.9	99.9	294.2	303.7	3.8	30.2	0	0
2.3	14.6	848.0	925.0	14.6	-1.2	315.6	1.8	1.4	1.4	294.3	304.8	3.8	33.7	0	2
3.2	17.5	1079.8	900.0	12.5	-2.1	315.6	1.8	1.3	1.3	294.4	304.6	3.6	38.1	0	2
4.1	20.2	1314.0	875.0	10.5	-2.3	316.7	2.5	1.2	1.2	294.7	304.9	3.7	40.9	0	4
4.9	22.9	1555.2	850.0	8.5	-2.7	316.3	3.2	1.7	1.3	294.7	305.0	3.7	45.7	0	4
5.8	25.5	1800.0	825.0	6.7	-3.0	322.2	3.7	2.0	2.6	295.2	306.3	4.0	55.7	0	5
6.7	28.2	2052.1	800.0	5.2	-3.3	325.3	3.7	2.6	2.6	295.2	306.3	4.0	60.2	0	5
7.6	31.0	2306.0	775.0	3.7	-3.6	328.5	3.8	3.0	2.8	295.3	305.5	4.0	67.2	0	6
8.5	33.6	2572.3	750.0	2.0	-4.0	336.6	3.8	3.6	2.8	295.3	305.5	4.0	75.5	1	5
9.4	36.0	2841.9	725.0	0.9	-4.6	342.2	4.6	3.4	2.6	295.6	305.6	3.6	88.5	1	5
10.4	38.4	3120.7	700.0	-1.6	-5.2	347.9	6.6	5.7	3.1	295.6	305.6	3.6	100.0	1	5
11.3	42.3	3409.2	675.0	-3.2	-17.6	351.4	6.6	7.9	3.5	300.7	304.8	1.3	118.1	1	5
12.0	45.1	3706.9	650.0	-4.9	-19.1	293.6	10.4	9.0	3.4	302.0	304.8	1.2	134.4	2	9
13.7	48.1	4015.0	625.0	-7.0	-20.5	293.3	12.8	9.6	3.9	307.0	307.0	1.2	150.0	2	9
14.0	51.1	4334.0	600.0	-10.1	-21.2	295.7	14.0	11.5	5.5	305.9	309.6	1.2	166.0	3	6
15.0	54.1	4663.5	575.0	-12.1	-22.1	295.8	13.7	12.3	6.3	307.1	311.8	1.2	182.0	4	5
16.4	57.3	5005.2	550.0	-14.0	-22.1	296.1	13.0	11.5	6.0	308.2	311.8	1.1	200.0	5	4
17.1	60.6	5358.5	525.0	-16.0	-23.0	300.7	18.2	13.0	8.7	309.6	313.2	0.8	218.0	6	3
18.7	63.5	5727.5	500.0	-17.1	-23.1	307.0	18.5	14.2	9.7	310.8	313.7	0.8	237.1	7	5
19.7	66.8	6119.6	475.0	-18.1	-23.0	307.1	18.5	14.2	11.9	312.2	314.7	0.8	257.0	8	8
21.1	69.9	6507.9	450.0	-20.2	-33.0	307.1	18.4	15.2	11.9	312.9	315.0	0.8	277.6	10	4
22.5	73.3	6924.4	425.0	-23.1	-33.9	302.6	18.5	15.6	11.5	314.3	316.0	0.5	294.4	12	0
24.3	76.7	7388.5	400.0	-26.0	-35.9	302.6	18.7	15.8	10.0	315.4	316.8	0.4	318.3	15	6
26.0	80.3	7815.7	375.0	-30.0	-38.4	301.8	18.7	15.8	8.9	318.0	317.1	0.3	339.3	15	6
28.0	84.0	8295.1	350.0	-33.7	-42.5	301.8	18.8	16.8	10.4	317.1	317.9	0.2	360.0	19	0
30.4	87.9	8801.2	325.0	-37.9	-45.9	301.8	19.7	18.7	10.4	317.6	318.2	0.2	382.0	24	7
32.4	91.6	9337.1	300.0	-42.2	-49.8	301.8	20.3	17.2	10.7	319.3	319.3	99.9	400.0	30	9
34.4	95.0	9906.1	275.0	-46.6	-53.0	293.0	20.8	17.2	10.7	319.3	319.3	99.9	427.7	37	1
36.5	100.3	10522.6	250.0	-51.5	-56.9	293.0	23.3	21.5	10.1	320.0	319.3	99.9	450.0	45	2
38.7	104.8	11187.0	225.0	-55.2	-60.8	293.0	25.7	25.7	8.3	324.0	319.3	99.9	477.6	53	2
41.2	109.8	11817.0	200.0	-59.8	-64.8	293.0	30.3	28.6	7.7	328.9	319.3	99.9	500.0	61	1
44.0	115.0	12743.0	175.0	-64.8	-68.8	293.0	33.3	31.7	7.7	334.9	319.3	99.9	527.6	71	1
47.2	120.7	13716.7	150.0	-69.8	-72.8	293.0	37.7	35.1	7.7	351.1	319.3	99.9	550.0	81	1
50.0	127.0	14862.6	125.0	-74.8	-76.8	293.0	42.7	38.5	7.8	370.2	319.3	99.9	577.6	91	1
53.0	134.2	16206.2	100.0	-79.8	-80.8	293.0	47.7	41.9	7.8	388.5	319.3	99.9	600.0	101	1
56.0	142.5	18000.8	75.0	-84.8	-84.8	293.0	52.7	45.3	7.8	415.4	319.3	99.9	627.6	111	1
59.4	152.5	20004.7	50.0	-89.8	-88.8	293.0	57.7	48.7	7.8	453.1	319.3	99.9	650.0	121	1
60.4	163.3	25125.4	25.0	-94.8	-92.8	293.0	62.7	52.1	7.8	514.3	319.3	99.9	677.6	131	1
60.4	163.3	25125.4	25.0	-94.8	-92.8	293.0	62.7	52.1	7.8	514.3	319.3	99.9	677.6	131	1

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ORIGINAL PAGE IS  
OF POCR QUALITY

STATION NO. 532  
PEORIA, ILLINOIS  
2 MAY 1982  
215 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DU C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PO <sup>2</sup> DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE FM	AZ DG
00	00	200.0	999.0	15.0	5.8	170.0	1.6	-0.3	1.8	288.3	303.8	5.8	54.0	0.0	0.0
00	00	99.9	1000.0	19.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00	04	400.0	975.0	17.0	0.3	99.9	5.9	99.9	99.9	294.4	305.5	4.0	28.1	99.9	99.9
01	08	822.3	950.0	15.0	0.7	99.9	99.9	99.9	99.9	294.4	305.0	3.8	33.5	99.9	99.9
01	14	648.8	925.0	15.1	0.6	99.9	99.9	99.9	99.9	294.4	305.0	3.8	37.1	99.9	99.9
02	18	475.3	900.0	12.8	1.4	288.8	1.8	1.8	0.0	284.7	305.4	3.8	43.7	0.3	4.0
03	22	301.8	875.0	10.6	2.2	287.0	2.3	2.0	1.0	285.1	306.2	4.1	48.5	0.3	7.0
04	26	128.3	850.0	8.7	3.0	308.7	3.1	2.4	2.0	285.2	306.7	4.1	53.4	0.3	10.1
05	30	6.2	825.0	6.2	3.8	306.0	3.6	3.0	2.0	285.2	306.5	4.0	58.4	0.6	13.1
06	34	208.3	800.0	3.8	4.6	319.2	4.0	3.0	2.0	285.2	306.4	4.0	63.4	0.6	16.1
07	38	775.0	775.0	1.3	5.4	312.4	4.3	3.1	2.0	285.2	306.2	4.0	68.4	0.6	19.1
08	42	251.7	750.0	1.1	6.2	317.1	4.1	2.8	3.0	285.3	306.6	4.1	73.4	0.6	22.1
09	46	284.3	725.0	4.0	7.0	320.8	4.9	3.1	3.0	285.3	305.3	3.8	78.4	1.2	25.1
10	50	311.8	700.0	4.5	7.8	320.8	6.2	3.8	4.8	285.7	303.8	0.9	83.4	1.5	28.1
11	54	340.9	675.0	4.3	8.6	317.0	8.2	5.8	6.8	300.9	303.8	0.9	88.4	2.0	31.1
12	58	370.8	650.0	5.0	9.4	311.7	10.4	7.8	7.8	302.0	305.4	1.0	93.4	2.0	34.1
13	02	401.0	625.0	6.4	10.2	309.4	11.7	9.0	7.0	305.1	308.3	1.0	98.4	2.0	37.1
14	06	432.8	600.0	7.8	11.0	303.0	12.8	10.0	7.0	307.1	310.6	1.0	103.4	2.0	40.1
15	10	465.0	575.0	9.4	11.8	300.2	14.8	11.8	8.5	308.9	312.3	1.0	108.4	2.0	43.1
16	14	498.1	550.0	11.1	12.6	305.6	16.8	11.8	10.5	310.5	314.1	0.7	113.4	2.0	46.1
17	18	531.4	525.0	12.6	13.4	312.0	18.8	13.4	12.4	312.2	315.7	0.5	118.4	2.0	49.1
18	22	564.7	500.0	14.1	14.2	318.6	20.8	15.5	14.2	314.2	317.0	0.5	123.4	2.0	52.1
19	26	598.0	475.0	15.6	15.0	304.8	22.8	17.0	16.7	315.1	318.3	0.5	128.4	2.0	55.1
20	30	631.3	450.0	17.1	15.8	302.9	24.8	18.1	18.1	316.2	317.5	0.4	133.4	2.0	58.1
21	34	664.6	425.0	18.6	16.6	298.4	26.8	19.1	19.4	317.4	318.3	0.3	138.4	2.0	61.1
22	38	697.9	400.0	20.1	17.4	300.0	28.8	20.8	20.8	317.5	318.2	0.2	143.4	2.0	64.1
23	42	731.2	375.0	21.6	18.2	301.1	30.8	21.8	21.8	317.5	318.2	0.2	148.4	2.0	67.1
24	46	764.5	350.0	23.1	19.0	302.5	32.8	22.8	22.8	317.5	318.2	0.2	153.4	2.0	70.1
25	50	797.8	325.0	24.6	19.8	303.5	34.8	23.8	23.8	317.5	318.2	0.2	158.4	2.0	73.1
26	54	831.1	300.0	26.1	20.6	302.5	36.8	24.8	24.8	317.5	318.2	0.2	163.4	2.0	76.1
27	58	864.4	275.0	27.6	21.4	303.5	38.8	25.8	25.8	317.5	318.2	0.2	168.4	2.0	79.1
28	02	897.7	250.0	29.1	22.2	301.0	40.8	26.8	26.8	317.5	318.2	0.2	173.4	2.0	82.1
29	06	931.0	225.0	30.6	23.0	302.5	42.8	27.8	27.8	317.5	318.2	0.2	178.4	2.0	85.1
30	10	964.3	200.0	32.1	23.8	303.5	44.8	28.8	28.8	317.5	318.2	0.2	183.4	2.0	88.1
31	14	997.6	175.0	33.6	24.6	301.0	46.8	29.8	29.8	317.5	318.2	0.2	188.4	2.0	91.1
32	18	1030.9	150.0	35.1	25.4	302.5	48.8	30.8	30.8	317.5	318.2	0.2	193.4	2.0	94.1
33	22	1064.2	125.0	36.6	26.2	303.5	50.8	31.8	31.8	317.5	318.2	0.2	198.4	2.0	97.1
34	26	1097.5	100.0	38.1	27.0	301.0	52.8	32.8	32.8	317.5	318.2	0.2	203.4	2.0	100.1
35	30	1130.8	75.0	39.6	27.8	302.5	54.8	33.8	33.8	317.5	318.2	0.2	208.4	2.0	103.1
36	34	1164.1	50.0	41.1	28.6	303.5	56.8	34.8	34.8	317.5	318.2	0.2	213.4	2.0	106.1
37	38	1197.4	25.0	42.6	29.4	301.0	58.8	35.8	35.8	317.5	318.2	0.2	218.4	2.0	109.1
38	42	1230.7	0.0	44.1	30.2	302.5	60.8	36.8	36.8	317.5	318.2	0.2	223.4	2.0	112.1
39	46	1264.0	0.0	45.6	31.0	303.5	62.8	37.8	37.8	317.5	318.2	0.2	228.4	2.0	115.1
40	50	1297.3	0.0	47.1	31.8	301.0	64.8	38.8	38.8	317.5	318.2	0.2	233.4	2.0	118.1
41	54	1330.6	0.0	48.6	32.6	302.5	66.8	39.8	39.8	317.5	318.2	0.2	238.4	2.0	121.1
42	58	1363.9	0.0	50.1	33.4	303.5	68.8	40.8	40.8	317.5	318.2	0.2	243.4	2.0	124.1
43	02	1397.2	0.0	51.6	34.2	301.0	70.8	41.8	41.8	317.5	318.2	0.2	248.4	2.0	127.1
44	06	1430.5	0.0	53.1	35.0	302.5	72.8	42.8	42.8	317.5	318.2	0.2	253.4	2.0	130.1
45	10	1463.8	0.0	54.6	35.8	303.5	74.8	43.8	43.8	317.5	318.2	0.2	258.4	2.0	133.1
46	14	1497.1	0.0	56.1	36.6	301.0	76.8	44.8	44.8	317.5	318.2	0.2	263.4	2.0	136.1
47	18	1530.4	0.0	57.6	37.4	302.5	78.8	45.8	45.8	317.5	318.2	0.2	268.4	2.0	139.1
48	22	1563.7	0.0	59.1	38.2	303.5	80.8	46.8	46.8	317.5	318.2	0.2	273.4	2.0	142.1
49	26	1597.0	0.0	60.6	39.0	301.0	82.8	47.8	47.8	317.5	318.2	0.2	278.4	2.0	145.1
50	30	1630.3	0.0	62.1	39.8	302.5	84.8	48.8	48.8	317.5	318.2	0.2	283.4	2.0	148.1
51	34	1663.6	0.0	63.6	40.6	303.5	86.8	49.8	49.8	317.5	318.2	0.2	288.4	2.0	151.1
52	38	1696.9	0.0	65.1	41.4	301.0	88.8	50.8	50.8	317.5	318.2	0.2	293.4	2.0	154.1
53	42	1730.2	0.0	66.6	42.2	302.5	90.8	51.8	51.8	317.5	318.2	0.2	298.4	2.0	157.1
54	46	1763.5	0.0	68.1	43.0	303.5	92.8	52.8	52.8	317.5	318.2	0.2	303.4	2.0	160.1
55	50	1796.8	0.0	69.6	43.8	301.0	94.8	53.8	53.8	317.5	318.2	0.2	308.4	2.0	163.1
56	54	1830.1	0.0	71.1	44.6	302.5	96.8	54.8	54.8	317.5	318.2	0.2	313.4	2.0	166.1
57	58	1863.4	0.0	72.6	45.4	303.5	98.8	55.8	55.8	317.5	318.2	0.2	318.4	2.0	169.1
58	02	1896.7	0.0	74.1	46.2	301.0	100.8	56.8	56.8	317.5	318.2	0.2	323.4	2.0	172.1
59	06	1930.0	0.0	75.6	47.0	302.5	102.8	57.8	57.8	317.5	318.2	0.2	328.4	2.0	175.1
60	10	1963.3	0.0	77.1	47.8	303.5	104.8	58.8	58.8	317.5	318.2	0.2	333.4	2.0	178.1
61	14	1996.6	0.0	78.6	48.6	301.0	106.8	59.8	59.8	317.5	318.2	0.2	338.4	2.0	181.1
62	18	2029.9	0.0	80.1	49.4	302.5	108.8	60.8	60.8	317.5	318.2	0.2	343.4	2.0	184.1
63	22	2063.2	0.0	81.6	50.2	303.5	110.8	61.8	61.8	317.5	318.2	0.2	348.4	2.0	187.1

• BY SPEED MEANS ELEVATION AT 5 MIN IN 8 AND 10 DEG  
 • BY TEMP MEANS TEMP AT 5 MIN IN 8 AND 10 DEG  
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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 532  
PEORIA, ILLINOIS  
2 MAY 1962  
515 GMT

TIME MIN	CALCYT	HEIGHT GPM	PRES PB	TEMP DG C	DEW PT DG C	DIR DG	WIND M/SEC	U WIND M/SEC	V WIND M/SEC	POT T DG I.	POT I DG K	E POT T DG K	ML WIND CM/AC	RH PCT	RANGE NM	AZ DG
00.0	0.5	300.0	998.2	13.9	5.5	205.0	0.4	0.4	0.8	287.2	302.2	302.2	5.7	0.0	0.0	0.0
00.7	0.6	300.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.3	0.6	491.0	975.0	18.4	2.1	999.0	99.9	99.9	99.9	293.7	306.3	306.3	4.6	0.0	0.0	0.0
2.7	1.0	822.0	950.0	16.8	1.3	999.0	99.9	99.9	99.9	294.3	306.3	306.3	4.4	0.0	0.0	0.0
3.7	1.3	248.5	925.0	15.0	0.6	253.0	2.3	2.3	0.7	294.7	306.3	306.3	4.3	0.0	0.0	0.0
4.0	1.5	1000.4	890.0	12.6	-0.2	203.0	2.4	2.4	-0.1	294.7	306.3	306.3	4.3	0.0	0.0	0.0
4.6	1.8	1218.0	875.0	10.2	-0.8	271.8	2.1	2.1	-0.3	294.8	306.3	306.3	4.3	0.0	0.0	0.0
5.0	2.0	1250.5	855.0	8.2	-1.4	277.5	2.1	2.1	-0.1	294.8	306.3	306.3	4.3	0.0	0.0	0.0
5.6	2.3	1802.1	825.0	5.7	-1.5	274.4	1.7	1.7	-0.1	295.2	306.3	306.3	4.3	0.0	0.0	0.0
6.7	2.8	2053.2	800.0	3.7	-1.4	273.1	1.7	1.7	-0.1	294.9	306.3	306.3	4.3	0.0	0.0	0.0
7.0	2.9	2310.2	775.0	1.0	-2.5	252.0	1.7	1.7	-0.1	294.9	306.3	306.3	4.3	0.0	0.0	0.0
8.0	3.1	2572.9	750.0	-1.2	-3.1	289.3	1.5	1.5	-0.5	295.3	306.3	306.3	4.3	0.0	0.0	0.0
9.4	3.5	2842.3	725.0	-3.8	-5.4	305.5	2.4	2.4	-0.9	295.3	306.3	306.3	4.3	0.0	0.0	0.0
10.5	3.8	3116.4	700.0	-6.2	-7.9	306.5	3.0	3.0	-1.6	295.3	306.3	306.3	4.3	0.0	0.0	0.0
11.4	3.9	3403.8	675.0	-5.3	-20.1	303.4	6.5	5.4	-3.6	299.8	306.3	306.3	4.3	0.0	0.0	0.0
12.3	4.1	3690.8	650.0	-5.9	-19.6	301.9	7.8	7.8	-4.9	302.3	306.3	306.3	4.3	0.0	0.0	0.0
13.2	4.3	4000.0	625.0	-6.7	-19.3	299.7	11.5	10.0	-5.7	304.8	306.3	306.3	4.3	0.0	0.0	0.0
14.5	4.7	4328.1	600.0	-7.5	-20.4	303.5	13.3	11.1	-7.3	307.5	306.3	306.3	4.3	0.0	0.0	0.0
15.5	5.0	4655.2	575.0	-7.7	-21.4	302.8	14.1	11.9	-7.7	309.8	306.3	306.3	4.3	0.0	0.0	0.0
16.8	5.3	4987.4	550.0	-11.3	-24.3	303.2	15.5	13.0	-8.5	310.7	306.3	306.3	4.3	0.0	0.0	0.0
17.8	5.5	5323.4	525.0	-12.6	-27.6	303.7	17.5	14.5	-8.7	312.4	306.3	306.3	4.3	0.0	0.0	0.0
18.9	5.8	5672.0	500.0	-16.6	-30.1	304.3	18.4	16.0	-10.8	313.2	306.3	306.3	4.3	0.0	0.0	0.0
19.9	6.1	6020.6	475.0	-20.0	-31.8	307.3	18.6	16.6	-11.8	313.2	306.3	306.3	4.3	0.0	0.0	0.0
20.7	6.3	6369.2	450.0	-23.6	-31.8	309.3	18.3	16.3	-12.7	313.2	306.3	306.3	4.3	0.0	0.0	0.0
21.7	6.5	6717.8	425.0	-27.1	-35.6	310.3	19.7	15.0	-12.7	313.2	306.3	306.3	4.3	0.0	0.0	0.0
22.6	6.8	7066.4	400.0	-30.6	-38.5	305.6	21.1	17.2	-12.3	315.7	306.3	306.3	4.3	0.0	0.0	0.0
23.5	7.1	7415.0	375.0	-34.4	-38.5	302.8	22.1	18.6	-12.0	315.7	306.3	306.3	4.3	0.0	0.0	0.0
24.3	7.4	7763.6	350.0	-37.9	-46.0	308.8	22.4	17.9	-12.4	316.1	306.3	306.3	4.3	0.0	0.0	0.0
25.7	7.7	8112.2	325.0	-42.7	-46.0	305.0	22.0	18.0	-12.6	317.8	306.3	306.3	4.3	0.0	0.0	0.0
26.4	8.2	8460.8	300.0	-46.9	-46.0	287.0	21.3	19.0	-12.7	319.2	306.3	306.3	4.3	0.0	0.0	0.0
27.3	8.4	8809.4	275.0	-51.1	-46.0	292.0	22.7	21.0	-12.8	321.2	306.3	306.3	4.3	0.0	0.0	0.0
28.2	8.7	9158.0	250.0	-55.5	-46.0	284.1	24.0	21.9	-13.0	322.1	306.3	306.3	4.3	0.0	0.0	0.0
29.1	9.0	9506.6	225.0	-61.0	-46.0	295.3	22.4	22.4	-13.0	323.6	306.3	306.3	4.3	0.0	0.0	0.0
30.0	9.3	9855.2	200.0	-63.1	-46.0	303.3	23.1	22.4	-13.1	323.6	306.3	306.3	4.3	0.0	0.0	0.0
31.0	9.6	10203.8	175.0	-68.5	-46.0	308.1	21.2	20.7	-13.1	323.6	306.3	306.3	4.3	0.0	0.0	0.0
32.0	10.0	10552.4	150.0	-70.8	-46.0	307.2	17.0	18.7	-13.1	323.6	306.3	306.3	4.3	0.0	0.0	0.0
33.0	10.3	10901.0	125.0	-75.2	-46.0	308.4	15.8	17.6	-13.1	323.6	306.3	306.3	4.3	0.0	0.0	0.0
34.0	10.6	11249.6	100.0	-79.6	-46.0	308.4	14.0	16.7	-13.1	323.6	306.3	306.3	4.3	0.0	0.0	0.0
35.0	10.9	11598.2	75.0	-84.0	-46.0	322.1	11.7	15.3	-13.1	323.6	306.3	306.3	4.3	0.0	0.0	0.0
36.0	11.2	11946.8	50.0	-88.4	-46.0	321.1	9.3	14.1	-13.1	323.6	306.3	306.3	4.3	0.0	0.0	0.0
37.0	11.5	12295.4	25.0	-92.8	-46.0	320.2	7.1	13.7	-13.1	323.6	306.3	306.3	4.3	0.0	0.0	0.0
38.0	11.8	12644.0	0.0	-97.2	-46.0	307.2	5.1	12.7	-13.1	323.6	306.3	306.3	4.3	0.0	0.0	0.0
39.0	12.1	12992.6	0.0	-101.6	-46.0	308.4	3.2	11.7	-13.1	323.6	306.3	306.3	4.3	0.0	0.0	0.0
40.0	12.4	13341.2	0.0	-106.0	-46.0	321.1	1.6	10.7	-13.1	323.6	306.3	306.3	4.3	0.0	0.0	0.0
41.0	12.7	13689.8	0.0	-110.4	-46.0	320.2	0.3	9.7	-13.1	323.6	306.3	306.3	4.3	0.0	0.0	0.0
42.0	13.0	14038.4	0.0	-114.8	-46.0	321.1	0.0	8.7	-13.1	323.6	306.3	306.3	4.3	0.0	0.0	0.0
43.0	13.3	14387.0	0.0	-119.2	-46.0	320.2	0.0	7.7	-13.1	323.6	306.3	306.3	4.3	0.0	0.0	0.0
44.0	13.6	14735.6	0.0	-123.6	-46.0	321.1	0.0	6.7	-13.1	323.6	306.3	306.3	4.3	0.0	0.0	0.0
45.0	13.9	15084.2	0.0	-128.0	-46.0	320.2	0.0	5.7	-13.1	323.6	306.3	306.3	4.3	0.0	0.0	0.0
46.0	14.2	15432.8	0.0	-132.4	-46.0	321.1	0.0	4.7	-13.1	323.6	306.3	306.3	4.3	0.0	0.0	0.0
47.0	14.5	15781.4	0.0	-136.8	-46.0	320.2	0.0	3.7	-13.1	323.6	306.3	306.3	4.3	0.0	0.0	0.0
48.0	14.8	16130.0	0.0	-141.2	-46.0	321.1	0.0	2.7	-13.1	323.6	306.3	306.3	4.3	0.0	0.0	0.0
49.0	15.1	16478.6	0.0	-145.6	-46.0	320.2	0.0	1.7	-13.1	323.6	306.3	306.3	4.3	0.0	0.0	0.0
50.0	15.4	16827.2	0.0	-150.0	-46.0	321.1	0.0	0.7	-13.1	323.6	306.3	306.3	4.3	0.0	0.0	0.0

\* 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 POOP 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	CHCT	HEIGHT GM	PRFS MB	TEMP DG C	DIR OF DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG M	E POT DG K	MX R <sup>2</sup> U CM/KG	RH PCT	R <sup>2</sup> U M	R <sup>2</sup> U DG
00	0	200	000	13	3	130	3	-2	2	285	255	4	49	0	0
01	50	199	1000	09	9	150	9	99	9	289	289	9	999	9	999
02	4	410	072	14	0	241	0	2	1	290	290	0	33	1	314
03	11	029	950	14	5	150	1	-1	4	291	291	1	41	3	07
04	14	054	925	13	6	191	2	-1	6	293	305	1	41	2	08
05	18	100	900	12	3	202	2	-2	4	294	305	1	43	0	09
06	21	120	875	10	0	202	2	-1	2	294	305	1	43	0	09
07	24	150	850	7	7	202	2	-1	1	294	305	1	43	0	09
08	27	180	825	5	0	202	2	-1	1	294	305	1	43	0	09
09	30	210	800	3	3	202	2	-1	1	294	305	1	43	0	09
10	33	240	775	0	0	202	2	-1	1	294	305	1	43	0	09
11	36	270	750	-1	9	202	2	-1	1	294	305	1	43	0	09
12	39	300	725	-4	1	202	2	-1	1	294	305	1	43	0	09
13	42	330	700	-8	0	202	2	-1	1	294	305	1	43	0	09
14	45	360	675	-12	0	202	2	-1	1	294	305	1	43	0	09
15	48	390	650	-16	0	202	2	-1	1	294	305	1	43	0	09
16	51	420	625	-19	0	202	2	-1	1	294	305	1	43	0	09
17	54	450	600	-22	0	202	2	-1	1	294	305	1	43	0	09
18	57	480	575	-25	0	202	2	-1	1	294	305	1	43	0	09
19	00	510	550	-27	0	202	2	-1	1	294	305	1	43	0	09
20	03	540	525	-29	0	202	2	-1	1	294	305	1	43	0	09
21	06	570	500	-30	0	202	2	-1	1	294	305	1	43	0	09
22	09	600	475	-31	0	202	2	-1	1	294	305	1	43	0	09
23	12	630	450	-32	0	202	2	-1	1	294	305	1	43	0	09
24	15	660	425	-32	0	202	2	-1	1	294	305	1	43	0	09
25	18	690	400	-32	0	202	2	-1	1	294	305	1	43	0	09
26	21	720	375	-31	0	202	2	-1	1	294	305	1	43	0	09
27	24	750	350	-29	0	202	2	-1	1	294	305	1	43	0	09
28	27	780	325	-26	0	202	2	-1	1	294	305	1	43	0	09
29	30	810	300	-22	0	202	2	-1	1	294	305	1	43	0	09
30	33	840	275	-18	0	202	2	-1	1	294	305	1	43	0	09
31	36	870	250	-13	0	202	2	-1	1	294	305	1	43	0	09
32	39	900	225	-7	0	202	2	-1	1	294	305	1	43	0	09
33	42	930	200	0	0	202	2	-1	1	294	305	1	43	0	09
34	45	960	175	5	0	202	2	-1	1	294	305	1	43	0	09
35	48	990	150	10	0	202	2	-1	1	294	305	1	43	0	09
36	51	1020	125	15	0	202	2	-1	1	294	305	1	43	0	09
37	54	1050	100	20	0	202	2	-1	1	294	305	1	43	0	09
38	57	1080	75	25	0	202	2	-1	1	294	305	1	43	0	09
39	00	1110	50	30	0	202	2	-1	1	294	305	1	43	0	09
40	03	1140	25	35	0	202	2	-1	1	294	305	1	43	0	09
41	06	1170	0	40	0	202	2	-1	1	294	305	1	43	0	09
42	09	1200	0	45	0	202	2	-1	1	294	305	1	43	0	09
43	12	1230	0	50	0	202	2	-1	1	294	305	1	43	0	09
44	15	1260	0	55	0	202	2	-1	1	294	305	1	43	0	09
45	18	1290	0	60	0	202	2	-1	1	294	305	1	43	0	09
46	21	1320	0	65	0	202	2	-1	1	294	305	1	43	0	09
47	24	1350	0	70	0	202	2	-1	1	294	305	1	43	0	09
48	27	1380	0	75	0	202	2	-1	1	294	305	1	43	0	09
49	30	1410	0	80	0	202	2	-1	1	294	305	1	43	0	09
50	33	1440	0	85	0	202	2	-1	1	294	305	1	43	0	09
51	36	1470	0	90	0	202	2	-1	1	294	305	1	43	0	09
52	39	1500	0	95	0	202	2	-1	1	294	305	1	43	0	09
53	42	1530	0	100	0	202	2	-1	1	294	305	1	43	0	09
54	45	1560	0	105	0	202	2	-1	1	294	305	1	43	0	09
55	48	1590	0	110	0	202	2	-1	1	294	305	1	43	0	09
56	51	1620	0	115	0	202	2	-1	1	294	305	1	43	0	09
57	54	1650	0	120	0	202	2	-1	1	294	305	1	43	0	09
58	57	1680	0	125	0	202	2	-1	1	294	305	1	43	0	09
59	00	1710	0	130	0	202	2	-1	1	294	305	1	43	0	09
60	03	1740	0	135	0	202	2	-1	1	294	305	1	43	0	09

\* 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 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUS EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 553  
OMAHA, NEBRASKA  
1 MAY 1982  
1115 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 Y 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	197.5	6.0	91.0	0.0	0.0
0.9	9.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	199.9	99.9	99.9	999.9	999.9
0.9	9.5	412.7	975.0	7.7	5.6	99.9	99.9	99.9	99.9	282.0	198.1	5.9	99.9	999.9	999.9
0.9	12.2	629.6	950.0	12.1	5.7	99.9	99.9	99.9	99.9	285.5	305.5	5.9	99.9	999.9	999.9
1.7	14.9	852.7	925.0	10.8	3.8	99.9	99.9	99.9	99.9	290.3	304.9	5.5	99.9	999.9	999.9
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	99.9	999.9	999.9
3.5	20.3	1312.6	875.0	6.8	1.4	99.9	99.9	99.9	99.9	290.9	304.0	4.9	99.9	999.9	999.9
4.4	23.0	1550.3	850.0	4.8	-0.3	99.9	99.9	99.9	99.9	291.2	303.2	4.4	99.9	999.9	999.9
5.4	25.8	1793.2	825.0	3.0	-2.5	99.9	99.9	99.9	99.9	291.7	302.4	3.9	99.9	999.9	999.9
6.4	28.6	99.9	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
7.4	31.4	99.9	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
8.4	34.2	99.9	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.5	37.1	99.9	725.0	3.2	-17.7	99.9	99.9	99.9	99.9	300.0	303.9	1.3	99.9	999.9	999.9
10.6	40.0	99.9	700.0	0.0	-18.7	99.9	99.9	99.9	99.9	302.5	306.1	1.2	99.9	999.9	999.9
11.7	43.0	99.9	675.0	-0.4	-20.1	99.9	99.9	99.9	99.9	305.2	308.7	1.1	99.9	999.9	999.9
12.8	46.0	99.9	650.0	-2.0	-22.0	99.9	99.9	99.9	99.9	305.8	309.8	1.0	99.9	999.9	999.9
14.0	49.0	99.9	625.0	-4.9	-23.0	99.9	99.9	99.9	99.9	308.8	309.8	1.0	99.9	999.9	999.9
15.3	52.1	99.9	600.0	-6.2	-23.1	99.9	99.9	99.9	99.9	311.0	312.1	0.9	99.9	999.9	999.9
16.7	55.2	99.9	575.0	-10.7	-26.5	99.9	99.9	99.9	99.9	311.4	312.9	0.8	99.9	999.9	999.9
18.4	61.4	99.9	550.0	-13.7	-29.2	99.9	99.9	99.9	99.9	312.0	314.0	0.8	99.9	999.9	999.9
20.9	64.8	99.9	525.0	-17.0	-31.7	99.9	99.9	99.9	99.9	312.3	314.2	0.6	99.9	999.9	999.9
22.4	68.1	99.9	500.0	-19.6	-34.6	99.9	99.9	99.9	99.9	312.5	314.9	0.5	99.9	999.9	999.9
24.0	71.6	99.9	475.0	-22.4	-36.4	99.9	99.9	99.9	99.9	315.0	316.3	0.4	99.9	999.9	999.9
25.5	75.0	99.9	450.0	-25.0	-39.3	99.9	99.9	99.9	99.9	316.9	318.0	0.3	99.9	999.9	999.9
27.4	78.7	99.9	425.0	-28.6	-42.8	99.9	99.9	99.9	99.9	317.8	318.6	0.2	99.9	999.9	999.9
28.1	82.4	99.9	400.0	-32.4	-45.6	99.9	99.9	99.9	99.9	318.8	319.4	0.2	99.9	999.9	999.9
30.9	86.3	99.9	375.0	-35.9	-48.4	99.9	99.9	99.9	99.9	320.3	320.8	0.1	99.9	999.9	999.9
32.9	90.3	99.9	350.0	-40.1	-49.9	99.9	99.9	99.9	99.9	321.4	999.9	99.9	99.9	999.9	999.9
35.1	94.5	99.9	325.0	-44.6	99.9	99.9	99.9	99.9	99.9	322.3	999.9	99.9	99.9	999.9	999.9
37.3	98.8	99.9	300.0	-48.9	99.9	99.9	99.9	99.9	99.9	324.4	999.9	99.9	99.9	999.9	999.9
39.6	103.2	99.9	275.0	-53.5	99.9	99.9	99.9	99.9	99.9	326.5	999.9	99.9	99.9	999.9	999.9
42.2	108.0	99.9	250.0	-58.7	99.9	99.9	99.9	99.9	99.9	328.6	999.9	99.9	99.9	999.9	999.9
45.0	113.2	99.9	225.0	-63.4	99.9	99.9	99.9	99.9	99.9	332.3	999.9	99.9	99.9	999.9	999.9
47.8	118.5	99.9	200.0	-61.4	99.9	99.9	99.9	99.9	99.9	336.7	999.9	99.9	99.9	999.9	999.9
51.5	124.5	99.9	175.0	-61.4	99.9	99.9	99.9	99.9	99.9	360.8	999.9	99.9	99.9	999.9	999.9
55.7	131.0	99.9	150.0	-59.9	99.9	99.9	99.9	99.9	99.9	366.8	999.9	99.9	99.9	999.9	999.9
60.5	138.2	99.9	125.0	-58.6	99.9	99.9	99.9	99.9	99.9	386.8	999.9	99.9	99.9	999.9	999.9
66.4	146.3	99.9	100.0	-57.3	99.9	99.9	99.9	99.9	99.9	413.8	999.9	99.9	99.9	999.9	999.9
74.1	155.3	99.9	75.0	-57.3	99.9	99.9	99.9	99.9	99.9	452.5	999.9	99.9	99.9	999.9	999.9
85.9	184.7	99.9	25.0	-53.2	99.9	99.9	99.9	99.9	99.9	632.1	999.9	99.9	99.9	999.9	999.9

\* 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 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

C-4



ORIGINAL PAGE 19  
OF POOR QUALITY

STATION NO. 553  
OMAHA, NEBRASKA  
1 MAY 1982  
1415 GMT

TIME MIN	CONTCT	HEIGHT SPH	PRES MB	TEMP DG C	DEW PT DG C	DIR CG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT I DG K	E POT T DG K	MX RTO GM/KC	PH PCT	RANGE KM	157 9 0
00	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	C
09.9	99.9	99.9	1000.0	99.9	39.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	00
09.9	99.9	99.9	975.0	12.6	6.2	99.9	99.9	99.9	99.9	267.9	303.9	6.1	99.9	0.0	00
09.9	99.9	99.9	950.0	11.9	4.5	99.9	99.9	99.9	99.9	289.3	304.1	5.0	99.9	0.0	00
09.9	99.9	99.9	925.0	10.6	2.9	99.9	99.9	99.9	99.9	290.2	303.8	5.1	99.9	0.0	00
09.9	99.9	99.9	900.0	8.4	2.0	99.9	99.9	99.9	99.9	290.7	303.4	4.9	99.9	0.0	00
09.9	99.9	99.9	875.0	6.6	0.6	99.9	99.9	99.9	99.9	291.1	302.8	4.3	99.9	0.0	00
09.9	99.9	99.9	850.0	4.7	-3.4	99.9	99.9	99.9	99.9	291.5	301.4	3.6	99.9	0.0	00
09.9	99.9	99.9	825.0	2.0	-11.4	99.9	99.9	99.9	99.9	293.3	299.0	2.0	99.9	0.0	00
09.9	99.9	99.9	800.0	0.0	-18.9	99.9	99.9	99.9	99.9	300.1	301.5	1.1	99.9	0.0	00
09.9	99.9	99.9	775.0	3.2	-18.6	99.9	99.9	99.9	99.9	300.1	303.4	1.0	99.9	0.0	00
09.9	99.9	99.9	750.0	1.5	-20.7	99.9	99.9	99.9	99.9	302.9	305.9	1.0	99.9	0.0	00
09.9	99.9	99.9	725.0	0.7	-21.6	99.9	99.9	99.9	99.9	304.9	307.8	0.9	99.9	0.0	00
09.9	99.9	99.9	700.0	0.0	-22.5	99.9	99.9	99.9	99.9	306.7	309.5	0.8	99.9	0.0	00
09.9	99.9	99.9	675.0	-0.7	-23.6	99.9	99.9	99.9	99.9	307.7	309.5	0.8	99.9	0.0	00
09.9	99.9	99.9	650.0	-1.4	-24.3	99.9	99.9	99.9	99.9	307.7	310.4	0.8	99.9	0.0	00
09.9	99.9	99.9	625.0	-2.2	-25.7	99.9	99.9	99.9	99.9	309.3	311.9	0.8	99.9	0.0	00
09.9	99.9	99.9	600.0	-3.0	-26.0	99.9	99.9	99.9	99.9	310.8	313.4	0.8	99.9	0.0	00
09.9	99.9	99.9	575.0	-3.8	-27.9	99.9	99.9	99.9	99.9	311.1	313.2	0.6	99.9	0.0	00
09.9	99.9	99.9	550.0	-4.6	-28.7	99.9	99.9	99.9	99.9	311.9	313.2	0.5	99.9	0.0	00
09.9	99.9	99.9	525.0	-5.4	-31.4	99.9	99.9	99.9	99.9	313.2	314.6	0.4	99.9	0.0	00
09.9	99.9	99.9	500.0	-6.2	-34.5	99.9	99.9	99.9	99.9	313.2	314.6	0.3	99.9	0.0	00
09.9	99.9	99.9	475.0	-7.0	-37.4	99.9	99.9	99.9	99.9	313.2	316.6	0.3	99.9	0.0	00
09.9	99.9	99.9	450.0	-7.8	-39.8	99.9	99.9	99.9	99.9	315.6	316.6	0.2	99.9	0.0	00
09.9	99.9	99.9	425.0	-8.6	-42.4	99.9	99.9	99.9	99.9	316.6	317.5	0.2	99.9	0.0	00
09.9	99.9	99.9	400.0	-9.4	-45.4	99.9	99.9	99.9	99.9	317.6	318.1	0.1	99.9	0.0	00
09.9	99.9	99.9	375.0	-10.2	-48.4	99.9	99.9	99.9	99.9	318.7	319.1	0.1	99.9	0.0	00
09.9	99.9	99.9	350.0	-11.0	-51.0	99.9	99.9	99.9	99.9	320.1	320.4	0.1	99.9	0.0	00
09.9	99.9	99.9	325.0	-11.8	-54.0	99.9	99.9	99.9	99.9	321.0	321.0	0.0	99.9	0.0	00
09.9	99.9	99.9	300.0	-12.6	-57.0	99.9	99.9	99.9	99.9	322.0	322.0	0.0	99.9	0.0	00
09.9	99.9	99.9	275.0	-13.4	-60.0	99.9	99.9	99.9	99.9	325.1	325.1	0.0	99.9	0.0	00
09.9	99.9	99.9	250.0	-14.2	-63.0	99.9	99.9	99.9	99.9	326.5	326.5	0.0	99.9	0.0	00
09.9	99.9	99.9	225.0	-15.0	-66.0	99.9	99.9	99.9	99.9	327.3	327.3	0.0	99.9	0.0	00
09.9	99.9	99.9	200.0	-15.8	-69.0	99.9	99.9	99.9	99.9	328.6	328.6	0.0	99.9	0.0	00
09.9	99.9	99.9	175.0	-16.6	-72.0	99.9	99.9	99.9	99.9	332.7	332.7	0.0	99.9	0.0	00
09.9	99.9	99.9	150.0	-17.4	-75.0	99.9	99.9	99.9	99.9	345.1	345.1	0.0	99.9	0.0	00
09.9	99.9	99.9	125.0	-18.2	-78.0	99.9	99.9	99.9	99.9	367.5	367.5	0.0	99.9	0.0	00
09.9	99.9	99.9	100.0	-19.0	-81.0	99.9	99.9	99.9	99.9	390.4	390.4	0.0	99.9	0.0	00
09.9	99.9	99.9	75.0	-19.8	-84.0	99.9	99.9	99.9	99.9	415.0	415.0	0.0	99.9	0.0	00
09.9	99.9	99.9	50.0	-20.6	-87.0	99.9	99.9	99.9	99.9	451.5	451.5	0.0	99.9	0.0	00
09.9	99.9	99.9	25.0	-21.4	-90.0	99.9	99.9	99.9	99.9	517.5	517.5	0.0	99.9	0.0	00

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN G 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  
1715 GMT

TIME MIN	GMTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	POT T DG K	POT T DG K	MX RTO CM/KG	RH PCT	RANGE NM	AZ DG
00	0	400	977.0	18.4	8.7	180.0	2.8	0.5	2.6	293.5	312.8	312.8	7.2	53.0	0	0
00.9	98.9	417.6	1000.0	99.9	99.9	189.9	99.9	99.9	99.9	293.5	999.9	999.9	99.9	99.9	0	0
01	9.3	417.6	975.0	17.6	7.9	185.7	2.7	0.3	2.7	293.1	311.5	311.5	6.9	52.0	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	305.6	5.0	44.8	0	300
1.8	14.5	862.8	925.0	12.4	2.2	175.9	4.0	-0.3	4.0	292.0	305.2	305.2	4.9	49.8	0	359
2.5	17.1	1091.8	900.0	10.1	2.8	164.0	4.5	-1.2	4.3	291.9	308.0	308.0	4.9	60.6	0	357
3.3	19.7	1325.5	875.0	8.1	2.3	138.1	4.9	-3.3	3.6	292.2	308.2	308.2	5.2	67.0	0	339
4.1	22.4	1563.8	850.0	5.4	0.2	128.4	4.9	-4.7	3.7	291.8	304.2	304.2	4.6	69.4	0	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	305.3	4.9	69.4	0	331
6.0	27.8	2056.4	800.0	1.9	-0.6	95.7	5.5	-5.4	0.5	293.2	301.6	301.6	3.0	54.4	1	4
7.1	30.4	2313.1	775.0	0.0	-1.4	304.7	2.1	1.7	-1.1	293.1	303.1	303.1	1.7	54.4	1	4
8.2	33.2	2579.8	750.0	3.6	-1.8	267.5	2.3	2.3	0.1	293.7	305.5	305.5	1.6	24.1	1	6
9.3	36.0	2854.0	725.0	1.8	-1.9	282.2	2.9	2.9	0.6	301.5	306.1	306.1	1.5	25.4	1	4
10.4	38.6	3138.5	700.0	0.9	-1.4	286.0	3.3	2.9	-1.0	302.2	308.2	308.2	1.4	25.4	1	2
11.6	41.7	3428.4	675.0	0.0	-1.7	286.9	5.8	5.7	-1.7	307.0	310.2	310.2	1.3	25.4	1	0
12.9	44.5	3728.6	650.0	-1.1	-1.6	284.7	6.4	6.4	-2.2	308.9	312.9	312.9	1.3	25.5	0	8
14.1	47.4	4040.9	625.0	-4.5	-2.1	294.3	9.5	9.8	-4.4	311.0	315.0	315.0	1.1	28.2	1	6
15.5	50.4	4383.4	600.0	-6.9	-2.2	301.0	10.7	9.8	-5.4	311.9	315.5	315.5	1.1	28.2	2	4
16.8	53.4	4697.1	575.0	-9.9	-2.5	311.9	9.8	7.1	-6.4	312.4	315.2	315.2	0.9	26.2	3	8
18.3	56.5	5042.1	550.0	-13.0	-2.6	323.4	10.0	6.0	-8.0	312.9	315.5	315.5	0.8	30.0	1	102
19.7	59.6	5398.7	525.0	-16.0	-2.9	325.4	10.4	5.9	-8.6	313.6	316.0	316.0	0.7	31.3	3	8
21.2	62.8	5766.7	500.0	-19.3	-3.1	321.7	8.5	5.4	-8.6	314.1	316.0	316.0	0.6	31.3	1	116
22.9	66.0	6152.6	475.0	-22.1	-3.9	307.7	7.7	6.1	-4.7	315.4	317.1	317.1	0.5	31.3	4	1
24.5	69.4	6570.6	450.0	-24.7	-3.8	298.5	7.7	7.6	-4.1	317.4	318.5	318.5	0.3	26.1	7	0
26.2	72.7	6978.5	425.0	-27.1	-4.1	296.7	8.0	8.0	-4.5	317.8	318.5	318.5	0.2	26.8	1	8
28.0	76.3	7478.5	400.0	-28.6	-4.9	301.7	10.1	9.0	-6.3	318.8	319.5	319.5	0.2	27.1	8	2
29.6	79.9	7867.3	375.0	-32.3	-4.7	288.3	13.4	12.7	-4.2	321.1	321.6	321.6	0.1	27.1	1	10
31.8	83.7	8351.4	350.0	-35.4	-4.6	293.2	13.4	12.7	-5.3	322.0	321.6	321.6	0.1	27.1	1	10
33.8	87.5	8882.6	325.0	-38.7	-4.6	293.2	13.4	12.7	-5.3	322.0	321.6	321.6	0.1	27.1	1	10
35.9	91.5	9468.5	300.0	-43.6	-4.6	293.2	13.4	12.7	-5.3	322.0	321.6	321.6	0.1	27.1	1	10
37.8	95.7	9864.4	275.0	-48.5	-4.6	293.2	13.4	12.7	-5.3	322.0	321.6	321.6	0.1	27.1	1	10
40.1	100.2	10804.6	250.0	-53.5	-4.6	293.2	13.4	12.7	-5.3	322.0	321.6	321.6	0.1	27.1	1	10
42.4	104.8	11273.8	225.0	-58.1	-4.6	293.2	13.4	12.7	-5.3	322.0	321.6	321.6	0.1	27.1	1	10
44.8	109.8	12003.8	200.0	-62.5	-4.6	293.2	13.4	12.7	-5.3	322.0	321.6	321.6	0.1	27.1	1	10
47.5	115.2	12827.0	175.0	-67.0	-4.6	293.2	13.4	12.7	-5.3	322.0	321.6	321.6	0.1	27.1	1	10
50.5	121.0	13785.4	150.0	-69.8	-4.6	293.2	13.4	12.7	-5.3	322.0	321.6	321.6	0.1	27.1	1	10
53.9	127.2	14930.2	125.0	-68.7	-4.6	293.2	13.4	12.7	-5.3	322.0	321.6	321.6	0.1	27.1	1	10
58.2	134.3	16329.6	100.0	-60.4	-4.6	293.2	13.4	12.7	-5.3	322.0	321.6	321.6	0.1	27.1	1	10
63.8	142.7	18140.5	75.0	-55.7	-4.6	317.7	11.9	10.3	-5.8	411.0	321.6	321.6	0.1	27.1	1	10
71.0	151.7	20737.8	50.0	-54.0	-4.6	339.1	4.4	1.6	-6.4	458.2	321.6	321.6	0.1	27.1	1	10
82.7	161.3	25210.1	25.0	-50.4	-4.6	240.6	4.4	3.8	-4.2	610.0	321.6	321.6	0.1	27.1	1	10

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG.  
\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\*\* BY TEMP 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 2015 GMT 1982

TIME MIN	CRCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR UG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T JG A	E POT T DG K	MX RTO GM/KG	RH F31	RANGE MP	AZ DG
00	0	400	975.2	19.5	10.8	160.0	3.6	-1.2	3.4	294.8	317.0	8.4	57	0	0
01	0	1000	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0
02	0	401.8	975.0	16.4	10.4	160.0	3.6	-1.2	3.4	294.7	316.6	8.2	56	1	359
03	0	823.2	975.0	15.8	10.4	159.0	3.6	-1.4	3.6	294.1	308.7	5.0	42	8	345
04	0	848.8	925.0	13.6	7.0	153.6	4.4	-2.0	3.9	293.2	307.2	5.1	48	5	341
05	0	1078.6	900.0	11.2	1.5	146.7	4.0	-2.2	3.4	293.1	306.0	4.8	51	3	337
06	0	1313.0	875.0	8.9	0.7	141.4	4.4	-2.8	3.5	293.0	305.8	4.6	56	5	332
07	0	1552.3	850.0	6.9	-1.6	141.4	4.5	-2.8	3.5	293.4	304.3	4.0	53	8	328
08	0	1798.6	825.0	4.7	-1.9	138.4	4.5	-3.0	3.4	293.5	304.6	4.0	52	3	328
09	0	2048.7	800.0	3.0	-10.8	155.4	3.2	-1.3	3.4	294.3	301.2	2.5	41	5	327
10	0	2305.1	775.0	5.2	-16.0	252.1	2.0	1.9	0.6	299.4	303.8	1.4	19	8	328
11	0	2571.8	750.0	3.5	-17.4	272.3	2.9	2.9	0.6	304.3	304.3	1.3	19	9	340
12	0	2846.0	725.0	1.7	-18.3	249.0	3.2	3.0	1.1	301.3	305.1	1.2	21	0	342
13	0	3128.6	700.0	0.0	-18.7	273.9	4.3	4.2	-0.3	304.0	307.8	1.2	20	9	348
14	0	3420.6	675.0	0.0	-19.7	298.1	6.1	6.1	-3.3	305.7	309.4	1.2	20	9	348
15	0	3721.8	650.0	-1.7	-21.2	304.5	9.1	7.5	-5.2	307.0	310.4	1.1	21	5	350
16	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	350
17	0	4356.3	600.0	-4.5	-23.5	315.1	11.7	8.2	-8.3	310.9	314.5	1.0	21	2	348
18	0	4699.7	575.0	-7.0	-25.5	312.0	10.6	7.6	-7.1	311.8	314.5	0.8	21	2	348
19	0	5034.6	550.0	-9.9	-27.3	310.6	8.3	7.1	-6.1	312.7	315.8	0.7	22	2	348
20	0	5391.4	525.0	-13.1	-28.4	310.6	8.4	6.4	-5.5	312.7	315.8	0.7	22	2	348
21	0	5761.0	500.0	-16.1	-30.2	308.1	8.5	6.8	-5.0	313.4	315.0	0.6	22	2	348
22	0	6144.8	475.0	-19.6	-31.5	303.3	8.2	6.9	-4.5	313.7	315.7	0.6	22	2	348
23	0	6543.9	450.0	-22.4	-33.1	301.8	9.5	8.0	-5.0	313.7	315.7	0.6	22	2	348
24	0	6961.4	425.0	-25.4	-34.5	296.9	10.6	9.5	-4.8	316.4	317.4	0.4	27	5	348
25	0	7398.6	400.0	-28.8	-40.2	300.5	13.3	9.7	-5.7	317.6	318.3	0.3	23	3	348
26	0	7857.1	375.0	-32.2	-43.2	307.1	13.1	10.5	-7.9	319.0	319.6	0.2	24	4	348
27	0	8340.8	350.0	-35.6	-47.7	308.9	15.9	12.3	-10.0	321.3	321.3	0.1	27	4	348
28	0	8851.5	325.0	-40.0	-50.9	307.6	15.1	12.0	-9.2	321.5	321.5	0.1	27	4	348
29	0	9392.6	300.0	-44.6	-55.9	302.2	15.4	12.9	-8.5	322.5	322.5	0.1	27	4	348
30	0	9970.0	275.0	-48.3	-59.9	307.6	17.3	13.1	-10.6	325.2	325.2	0.1	27	4	348
31	0	10590.4	250.0	-52.7	-63.9	310.5	17.3	13.1	-11.2	326.3	326.3	0.1	27	4	348
32	0	11258.5	225.0	-57.2	-69.9	308.8	18.6	14.5	-12.1	327.8	327.8	0.1	27	4	348
33	0	11968.6	200.0	-63.1	-75.9	306.4	20.3	16.4	-12.1	327.8	327.8	0.1	27	4	348
34	0	12812.6	175.0	-61.9	-81.9	300.4	21.4	18.5	-10.8	347.9	347.9	0.1	27	4	348
35	0	13774.9	150.0	-59.8	-89.9	295.2	19.4	17.6	-8.3	369.2	369.2	0.1	27	4	348
36	0	14820.0	125.0	-58.5	-99.9	305.0	18.7	13.7	-6.0	389.0	389.0	0.1	27	4	348
37	0	16326.3	100.0	-56.6	-99.9	307.6	13.2	10.4	-5.9	414.8	414.8	0.1	27	4	348
38	0	18140.7	75.0	-55.6	-99.9	309.4	9.3	7.2	-5.9	456.4	456.4	0.1	27	4	348
39	0	20729.7	50.0	-55.6	-99.9	339.1	5.6	2.0	-5.2	512.5	512.5	0.1	27	4	348
40	0	25183.9	25.0	-51.2	-99.9	37.6	4	-2.9	-3.8	637.4	637.4	0.1	27	4	348

\* BY SPEED MEANS ELEVATION 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

TIME MIN	QNTCT	HEIGHT GPM	PRES MB	TEMP LG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E "GT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00	97	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
01	99	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
02	99	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999
03	12	618.5	950.0	15.9	3.4	99.9	99.9	99.9	99.9	293.3	307.3	5.1	43.2	999	999
04	14	842.2	925.0	13.6	3.0	99.9	99.9	-0.1	99.9	293.5	307.5	5.2	48.1	999	999
05	17	1072.2	900.0	11.6	1.9	99.9	3.1	0.8	3.3	293.4	308.8	4.9	51.5	0.5	346
06	20	1307.1	875.0	9.5	2.8	194.3	3.4	1.3	3.3	293.7	308.2	5.3	62.7	0.7	351
07	23	1546.6	850.0	7.2	2.2	210.2	2.5	0.4	2.2	293.2	307.6	5.3	73.0	0.8	357
08	26	1791.4	825.0	4.8	2.7	190.2	1.3	0.7	1.2	293.5	308.8	5.8	87.3	0.9	361
09	28	2042.0	800.0	4.2	2.7	247.9	0.7	1.5	0.3	295.0	303.7	2.8	95.1	0.9	366
10	31	2301.2	775.0	5.2	-7.9	318.8	2.3	3.1	-1.1	299.4	304.4	1.7	103.4	0.9	370
11	34	2567.9	750.0	3.3	-15.4	268.8	3.2	4.4	0.1	300.1	304.7	1.5	111.5	0.8	374
12	36	2842.3	725.0	2.8	-15.3	268.1	4.4	5.1	0.4	302.6	307.4	1.6	123.9	0.9	378
13	39	3125.9	700.0	1.9	-16.1	265.7	5.3	5.1	1.4	304.2	309.2	1.5	135.0	0.9	382
14	42	3418.2	675.0	0.4	-16.9	314.9	7.2	5.5	-5.1	308.1	310.8	1.2	146.4	1.2	386
15	45	3720.6	650.0	-0.4	-18.8	331.1	8.7	6.1	-6.8	308.5	312.7	1.2	158.1	1.4	390
16	48	4033.2	625.0	-2.5	-20.1	318.4	9.1	7.2	-6.4	308.7	313.6	1.1	170.1	1.6	394
17	51	4355.6	600.0	-5.0	-22.2	311.8	9.7	7.2	-6.4	310.3	313.6	1.1	182.1	1.8	398
18	54	4698.6	575.0	-7.5	-24.4	300.8	9.7	8.4	-5.0	311.2	313.6	0.8	194.1	2.0	402
19	57	5032.8	550.0	-10.1	-26.6	295.8	9.7	8.7	-4.2	312.1	314.2	0.8	206.1	2.2	406
20	61	5386.8	525.0	-12.7	-28.0	285.0	9.6	8.7	-4.2	312.1	314.2	0.7	218.1	2.4	410
21	64	5760.1	500.0	-15.6	-29.1	299.2	9.6	9.4	-5.3	313.2	315.6	0.7	230.1	2.6	414
22	67	6144.5	475.0	-18.1	-31.0	310.7	11.2	9.4	-7.3	313.7	316.0	0.6	242.1	2.8	418
23	71	6544.1	450.0	-22.8	-33.0	318.0	10.9	7.6	-7.9	314.4	316.4	0.5	254.1	3.0	422
24	74	6980.6	425.0	-26.3	-33.9	313.3	10.2	7.4	-7.0	315.3	317.0	0.5	266.1	3.2	426
25	78	7398.7	400.0	-28.6	-41.1	305.6	11.6	9.5	-6.8	315.3	318.8	0.3	278.1	3.4	430
26	81	7856.7	375.0	-31.5	-41.9	302.0	12.0	10.2	-6.4	319.9	320.9	0.2	290.1	3.6	434
27	85	8341.2	350.0	-35.5	-44.4	303.1	12.8	10.8	-7.0	320.9	321.6	0.2	302.1	3.8	438
28	89	8853.3	325.0	-39.1	-49.1	307.9	16.2	12.6	-9.9	322.8	323.3	0.1	314.1	4.0	442
29	93	9396.6	300.0	-43.6	-59.9	311.1	19.1	14.4	-12.5	323.6	323.3	0.1	326.1	4.2	446
30	97	9975.0	275.0	-48.6	-69.9	313.9	19.9	14.3	-13.8	324.6	323.6	0.1	338.1	4.4	450
31	102	10594.9	250.0	-53.9	-79.9	318.7	20.9	13.8	-15.7	326.0	323.6	0.1	350.1	4.6	454
32	107	11263.4	225.0	-59.4	-89.9	320.7	22.8	14.3	-17.5	327.5	323.6	0.1	362.1	4.8	458
33	112	11927.7	200.0	-63.3	-99.9	321.1	25.0	15.7	-19.4	327.5	323.6	0.1	374.1	5.0	462
34	117	12615.6	175.0	-61.8	-99.9	310.6	22.8	17.4	-14.3	328.0	323.6	0.1	386.1	5.2	466
35	123	13781.9	150.0	-58.2	-99.9	323.0	20.8	17.4	-11.3	328.0	323.6	0.1	398.1	5.4	470
36	129	14931.0	125.0	-54.4	-99.9	321.4	18.0	12.0	-10.6	329.1	323.6	0.1	410.1	5.6	474
37	137	16330.2	100.0	-5.4	-99.9	311.4	16.0	9.4	-8.0	331.1	323.6	0.1	422.1	5.8	478
38	145	18143.3	75.0	-5.4	-99.9	316.4	9.7	6.7	-7.0	413.0	323.6	0.1	434.1	6.0	482
39	154	20723.4	50.0	-56.8	-99.9	342.4	6.6	2.0	-6.3	455.5	323.6	0.1	446.1	6.2	486
40	163	25195.1	25.0	-52.7	-99.9	25.7	4.1	-1.8	-3.7	633.5	323.6	0.1	458.1	6.4	490

\* 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 6 DEG  
 \*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE NO  
OF FOUR QUALITY

STATION NO. 553  
OMAHA, NEBRASKA  
2 MAY 1982  
215 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP CG C	DEW PT CG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E FOT T DG N	MX RTG GM/KG	RH PCT	RANGE KM	AZ DG
00	10	400	973	15	7	170	3	-0	3	251	308	6	57	0	0
01	09	388	1000	15	9	99	9	9	9	252	999	9	99	9	999
02	08	375	950	15	9	27	9	9	9	253	999	9	99	9	999
03	12	611	925	15	4	207	2	2	2	282	307	1	48	3	18
04	15	838	900	12	9	203	3	2	5	292	307	3	54	2	22
05	18	1085	875	10	9	189	2	2	4	292	307	6	60	6	24
06	20	1300	850	8	7	131	1	3	4	292	308	0	64	6	23
07	23	1539	825	6	9	97	1	-3	0	294	307	3	68	6	18
08	26	1784	800	4	3	93	2	-6	0	295	305	6	68	6	16
09	29	2035	775	3	4	153	7	-0	1	297	301	4	20	4	34
10	31	2283	750	2	9	157	9	-0	1	299	303	3	18	5	34
11	34	2559	725	2	2	269	8	4	-0	301	305	3	18	4	35
12	37	2833	700	1	5	269	8	4	-0	304	307	3	19	9	11
13	40	3118	675	1	2	327	5	3	-0	307	310	9	19	8	11
14	43	3408	650	0	7	320	4	2	-0	308	312	8	20	9	11
15	46	3711	625	0	7	320	4	2	-0	309	313	8	20	9	11
16	49	4023	600	0	7	306	6	0	-0	309	313	8	20	9	11
17	52	4345	575	0	4	301	2	8	-0	309	313	8	20	9	11
18	55	4678	550	0	5	294	5	3	-0	310	312	8	24	3	98
19	58	5019	525	0	4	286	6	1	-0	310	313	9	24	3	98
20	61	5374	500	0	6	287	9	1	-0	312	313	9	25	9	103
21	64	5743	475	0	7	289	1	1	-0	312	314	7	25	9	104
22	68	6126	450	0	7	283	3	1	-0	313	315	1	27	5	105
23	71	6525	425	0	2	288	8	1	-0	314	315	0	35	0	105
24	75	6942	400	0	2	300	4	1	-0	315	316	8	35	0	105
25	78	7378	375	0	6	312	5	0	-0	317	318	0	34	4	109
26	82	7837	350	0	4	314	2	1	-0	317	318	0	34	4	109
27	86	8319	325	0	8	315	6	1	-0	317	319	3	34	4	109
28	90	8830	300	0	4	315	6	1	-0	318	319	3	34	4	109
29	94	9372	275	0	4	312	0	1	-0	318	319	3	34	4	109
30	98	9946	250	0	4	316	1	1	-0	320	321	1	32	3	113
31	103	10567	225	0	3	320	5	1	-0	321	321	1	32	3	113
32	108	11233	200	0	3	320	5	1	-0	322	321	1	32	3	113
33	113	11959	175	0	2	320	5	1	-0	323	321	1	32	3	113
34	118	12778	150	0	2	323	4	1	-0	323	321	1	32	3	113
35	124	13739	125	0	2	319	1	1	-0	326	321	1	32	3	113
36	130	14876	100	0	2	317	9	1	-0	327	321	1	32	3	113
37	137	16264	75	0	2	317	9	1	-0	327	321	1	32	3	113
38	145	18058	50	0	2	326	5	1	-0	328	321	1	32	3	113
39	153	20009	25	0	2	326	5	1	-0	328	321	1	32	3	113
40	162	25024	0	0	2	326	5	1	-0	328	321	1	32	3	113

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN S AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE ON 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 1962  
515 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES ME	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/AG	RH PCT	RANGE NM	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	1000.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	12.3	812.3	950.0	15.1	4.8	233.9	5.2	3.9	3.2	282.8	307.8	5.7	99.9	0.3	18
1.5	14.9	637.4	925.0	13.2	3.7	230.9	6.4	5.2	3.2	282.8	307.8	5.4	52.6	0.5	36
2.4	17.6	1067.1	900.0	11.2	1.9	211.1	2.4	4.1	4.1	283.7	306.4	4.9	52.6	0.8	40
3.2	20.2	1301.7	875.0	9.5	0.0	169.9	4.7	1.0	5.4	293.1	305.7	4.4	51.6	1.0	33
4.1	22.9	1541.4	850.0	7.8	0.0	132.8	7.4	-4.8	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	308.9	4.5	59.4	1.5	347
5.8	28.3	2036.4	800.0	4.2	-4.1	110.7	6.6	-6.1	2.3	285.7	305.7	3.6	55.0	1.5	347
6.6	31.0	2286.4	775.0	2.9	-18.8	160.9	2.4	-0.8	2.3	288.0	301.4	1.1	17.1	1.7	341
7.6	33.6	2536.6	750.0	3.9	-16.9	294.7	2.4	2.9	-1.3	299.8	303.3	1.1	18.0	1.6	342
8.6	36.7	2786.8	725.0	2.7	-17.6	312.3	3.0	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
10.8	42.3	3472.9	675.0	0.8	-20.3	309.3	3.2	2.5	-2.0	306.6	310.1	1.1	18.6	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	289
12.9	48.2	4028.0	625.0	-3.8	-20.1	286.8	5.8	5.6	-1.7	308.1	312.1	1.3	27.4	1.0	289
14.0	51.3	4348.9	600.0	-6.1	-24.2	282.8	6.4	6.2	-1.9	309.0	311.9	1.0	22.2	1.2	281
15.3	54.3	4678.5	575.0	-8.5	-23.2	284.1	6.2	6.8	-2.5	310.1	313.4	1.0	22.2	1.2	281
16.6	57.4	5021.3	550.0	-11.7	-22.8	288.9	10.2	9.8	-3.7	310.2	313.4	1.0	22.2	1.2	281
17.9	60.5	5375.7	525.0	-14.6	-21.6	287.0	12.0	10.6	-4.7	310.9	314.6	1.2	25.7	2.5	82
19.4	63.7	5743.7	500.0	-18.6	-20.2	280.7	13.2	12.4	-3.7	312.9	314.6	1.2	25.7	2.5	82
20.9	67.0	6127.6	475.0	-18.2	-33.5	289.6	11.9	12.4	-5.9	314.2	314.3	0.4	20.2	4.5	94
22.5	70.4	6527.5	450.0	-22.5	-36.5	307.7	10.3	10.3	-7.7	314.9	315.8	0.4	20.8	5.5	98
24.0	73.9	6945.9	425.0	-24.6	-40.1	309.5	14.5	11.2	-9.2	317.9	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	9.5	-9.2	317.9	318.5	0.2	23.1	9.2	111
27.6	81.1	7842.3	375.0	-32.5	-46.4	316.8	13.9	9.5	-10.1	319.3	319.3	0.2	32.6	10.5	113
29.5	85.0	8325.8	350.0	-35.7	-46.8	322.4	18.9	10.3	-13.4	320.6	321.2	0.2	30.5	12.1	117
31.4	88.8	8838.9	325.0	-39.9	-49.9	319.2	18.7	12.2	-14.2	321.7	321.7	0.2	30.5	14.1	121
33.5	93.0	9378.0	300.0	-44.8	-49.9	323.4	20.3	12.1	-18.9	322.3	322.3	0.2	30.5	16.3	124
35.6	97.2	9954.5	275.0	-49.3	-49.9	326.4	22.7	12.6	-18.9	323.9	323.9	0.2	30.5	18.3	127
38.1	101.7	10572.4	250.0	-53.3	-49.9	325.3	24.5	13.6	-20.1	324.8	324.8	0.2	30.5	22.3	130
40.7	106.3	11238.5	225.0	-58.3	-49.9	328.3	27.7	14.6	-23.6	327.7	327.7	0.2	30.5	26.1	132
43.7	111.4	11988.4	200.0	-63.6	-49.9	330.0	29.0	14.5	-25.2	332.1	327.7	0.2	30.5	31.1	135
46.8	116.7	12787.3	175.0	-68.2	-49.9	322.6	24.6	15.1	-19.7	345.9	327.7	0.2	30.5	36.1	137
50.3	122.5	13742.3	150.0	-62.2	-49.9	320.3	20.2	12.9	-15.5	363.0	327.7	0.2	30.5	40.9	137
54.9	128.0	14873.5	125.0	-60.4	-49.9	317.4	14.8	10.0	-10.9	385.5	327.7	0.2	30.5	45.3	137
60.1	136.0	16260.0	100.0	-61.9	-49.9	316.2	14.5	10.0	-10.4	408.1	327.7	0.2	30.5	49.6	137
66.7	144.0	18047.5	75.0	-60.6	-49.9	323.6	9.6	5.7	-7.8	445.8	327.7	0.2	30.5	54.7	138
76.0	153.0	20802.7	50.0	-58.7	-49.9	353.5	5.1	0.3	-5.1	510.0	327.7	0.2	30.5	58.5	139
89.5	182.5	25011.6	25.0	-55.0	-49.9	67.1	3.7	-3.4	-1.5	626.7	327.7	0.2	30.5	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

STATION NO 553  
OMAHA, NEBRASKA

2 MAY 1104 GMT 1962

157 10 1

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

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEM PT JG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT DG K	E POT DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	0 4	400 0	974 2	11 2	6 7	170 0	2 6	-0 5	2 6	286 5	303 0	99 9	74 0	0 0	0
0 1	0 5	399 0	1000 0	99 9	94 0	99 9	99 9	94 5	99 9	99 9	999 9	99 9	999 9	999 9	999
0 2	0 6	398 0	975 0	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	0 7	397 0	950 0	14 2	7 0	285 8	6 8	5 1	-3 0	281 8	308 3	6 7	61 9	0 6	19
0 4	0 8	396 0	925 0	12 6	5 5	227 4	3 9	2 9	-2 6	282 4	308 8	6 1	61 2	0 7	32
0 5	0 9	395 0	900 0	10 7	3 4	207 1	3 4	1 6	3 1	282 5	307 2	5 5	61 0	0 9	30
0 6	1 0	394 0	875 0	8 5	2 9	216 3	3 6	2 1	2 9	282 6	307 2	5 4	61 0	0 9	30
0 7	1 1	393 0	850 0	6 5	1 7	201 2	3 7	1 3	3 4	282 6	306 8	5 1	61 0	1 1	30
0 8	1 2	392 0	825 0	4 4	-1 1	184 7	5 3	-1 4	5 7	293 3	305 1	4 3	67 5	1 2	31
0 9	1 3	391 0	800 0	2 8	-5 4	151 9	6 5	-3 1	5 7	293 3	303 3	3 2	55 4	1 4	26
1 0	1 4	390 0	775 0	0 3	-17 0	120 1	3 8	0 7	3 7	298 0	301 9	1 3	20 0	1 8	12
1 1	1 5	389 0	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
1 2	1 6	388 0	725 0	2 4	-14 2	281 2	3 3	3 1	-1 3	302 7	307 3	1 8	28 1	1 9	19
1 3	1 7	387 0	700 0	1 1	-18 6	288 1	4 6	4 4	-1 3	303 1	307 6	1 6	21 1	1 9	25
1 4	1 8	386 0	675 0	0 7	-15 8	294 8	6 0	5 5	-2 5	308 5	311 5	1 9	27 6	2 0	34
1 5	1 9	385 0	650 0	-1 7	-14 7	301 0	6 4	5 5	-3 3	308 5	311 5	1 9	27 6	2 0	34
1 6	2 0	384 0	625 0	-4 4	-12 3	308 7	7 5	5 5	-3 6	307 4	312 8	1 2	27 9	2 2	45
1 7	2 1	383 0	600 0	-6 9	-10 6	285 8	9 8	8 6	-4 3	308 2	314 0	1 2	27 9	2 2	45
1 8	2 2	382 0	575 0	-9 4	-8 4	289 1	10 3	9 0	-5 0	309 0	312 7	1 2	27 9	2 2	45
1 9	2 3	381 0	550 0	-10 0	-6 3	307 8	9 4	7 4	-5 8	312 3	314 4	0 6	20 0	3 0	78
2 0	2 4	380 0	525 0	-13 1	-3 8	314 0	9 3	6 7	-6 4	312 3	314 8	0 6	20 0	3 0	78
2 1	2 5	379 0	500 0	-15 9	-1 0	320 0	10 1	6 5	-7 8	313 7	315 7	0 5	26 9	4 5	99
2 2	2 6	378 0	475 0	-18 6	3 0	327 2	11 0	6 0	-9 3	314 9	316 6	0 4	26 9	4 5	99
2 3	2 7	377 0	450 0	-21 9	-3 5	335 5	11 4	4 5	-10 5	315 8	317 2	0 4	27 8	5 8	112
2 4	2 8	376 0	425 0	-25 1	-3 5	337 5	11 0	4 2	-10 1	318 9	317 9	0 3	24 4	6 5	118
2 5	2 9	375 0	400 0	-27 8	-4 7	328 8	11 3	5 8	-9 7	318 9	319 6	0 2	22 3	7 3	122
2 6	3 0	374 0	375 0	-31 4	-45 0	328 8	11 2	5 8	-8 5	320 0	319 6	0 2	22 3	7 3	122
2 7	3 1	373 0	350 0	-35 3	-48 8	327 4	11 2	7 4	-9 5	321 2	320 7	0 1	23 1	8 4	126
2 8	3 2	372 0	325 0	-39 3	-51 9	326 5	11 2	7 4	-11 2	322 5	322 9	0 1	23 1	9 4	128
2 9	3 3	371 0	300 0	-43 4	-59 9	326 6	13 4	6 3	-14 4	322 5	322 9	99 9	24 5	10 6	131
3 0	3 4	370 0	275 0	-47 6	-69 9	340 0	20 4	7 0	-19 2	324 2	322 9	99 9	24 5	12 3	133
3 1	3 5	369 0	250 0	-52 6	-81 9	337 0	23 4	9 2	-21 6	327 9	322 9	99 9	24 5	14 6	138
3 2	3 6	368 0	225 0	-57 5	-99 9	333 5	26 1	11 6	-23 4	330 4	322 9	99 9	24 5	17 5	141
3 3	3 7	367 0	200 0	-62 7	-123 8	330 5	26 9	13 2	-23 4	333 5	322 9	99 9	24 5	21 2	144
3 4	3 8	366 0	175 0	-68 0	-153 8	327 1	27 7	15 0	-23 3	334 0	322 9	99 9	24 5	25 5	145
3 5	3 9	365 0	150 0	-74 9	-189 9	324 4	21 7	12 6	-17 7	336 4	322 9	99 9	24 5	30 6	146
3 6	4 0	364 0	125 0	-81 8	-232 6	322 6	17 1	10 4	-13 6	336 4	322 9	99 9	24 5	35 6	146
3 7	4 1	363 0	100 0	-88 8	-283 6	322 6	15 1	9 0	-12 1	336 4	322 9	99 9	24 5	40 2	148
3 8	4 2	362 0	75 0	-96 3	-343 6	322 6	11 8	7 4	-10 8	336 4	322 9	99 9	24 5	44 4	148
3 9	4 3	361 0	50 0	-103 3	-413 6	322 6	8 9	6 0	-10 8	336 4	322 9	99 9	24 5	48 3	148
4 0	4 4	360 0	25 0	-111 7	-493 6	322 6	5 7	-3 9	-10 9	336 4	322 9	99 9	24 5	52 4	147
4 1	4 5	359 0	0 0	-120 7	-583 6	322 6	2 9	-3 9	-10 9	336 4	322 9	99 9	24 5	56 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  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL RECORDING  
OF POOR QUALITY

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 592  
NORTH PLATE, NEBRASKA  
1 MAY 1982  
1115 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP C/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 RTD GM/KG	PCT PCT	RCH AM	RANGE AZ DG
0.0	14.3	847.0	924.6	1.4	0.2	100.0	2.6	-2.6	0.5	280.8	281.7	4.2	92.0	0.0	0.0
00.9	98.9	99.9	1000.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	16.8	1070.7	900.0	0.1	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	0.6	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	0.0	182.0	5.5	-1.7	5.2	296.7	303.0	2.2	27.7	1.2	343
3.7	27.2	2040.5	800.0	6.6	-7.3	147.4	7.3	-3.9	5.2	298.5	306.4	2.2	35.6	1.5	341
4.5	29.8	2300.4	775.0	5.0	-10.5	158.7	6.2	-2.2	5.9	299.2	305.7	2.2	31.5	1.9	338
5.3	32.4	2567.4	750.0	4.0	-13.6	188.7	4.8	0.8	4.9	301.0	309.3	2.2	26.2	2.2	344
6.4	35.1	2842.7	725.0	2.6	-8.9	218.2	3.0	1.9	2.4	302.4	309.7	2.5	39.2	2.3	348
7.4	37.8	3125.1	700.0	1.1	-6.4	250.6	5.5	5.2	1.8	303.7	313.6	3.4	57.2	2.4	358
8.5	40.6	3416.9	675.0	0.3	-15.2	242.2	2.4	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	0.6	309.6	312.0	1.2	19.6	2.6	2.5
10.7	46.1	4031.8	625.0	-2.5	-22.0	258.0	2.9	2.8	0.6	310.5	313.5	1.0	20.6	2.7	10
11.0	48.1	4354.2	600.0	-4.9	-23.7	289.5	3.9	4.1	-2.3	312.1	315.3	0.9	21.2	2.6	18
13.0	52.0	4687.6	575.0	-6.8	-25.2	354.4	4.5	4.5	-3.1	311.9	314.8	0.7	28.7	2.5	35
14.3	55.0	5032.4	550.0	-10.3	-27.6	364.1	6.1	5.1	-3.4	312.7	315.1	0.6	27.7	2.5	35
15.6	58.0	5388.7	525.0	-13.1	-30.2	372.4	7.3	6.2	-3.9	313.5	315.6	0.6	26.0	2.6	47
17.0	61.1	5758.5	500.0	-16.0	-31.4	388.6	7.9	6.9	-3.7	314.0	315.6	0.5	33.3	2.6	60
18.4	64.4	6142.5	475.0	-19.4	-34.1	428.7	7.9	7.3	-2.9	314.7	316.3	0.4	37.4	3.3	71
20.0	67.6	6542.0	450.0	-22.7	-34.1	459.0	6.6	7.3	-2.6	315.5	316.9	0.4	37.4	4.0	82
21.6	71.0	6958.1	425.0	-26.1	-36.3	487.4	6.6	8.5	-1.6	317.2	318.4	0.3	36.7	4.9	86
23.3	74.3	7384.3	400.0	-29.1	-38.7	528.7	10.7	10.6	-2.3	317.8	318.7	0.3	42.8	6.2	86
25.3	77.9	7852.0	375.0	-33.1	-41.4	583.4	10.9	10.9	-3.0	319.6	320.3	0.2	37.2	7.5	89
27.4	81.5	8333.4	350.0	-36.4	-45.7	638.8	10.5	9.1	-5.2	321.9	323.7	0.2	99.9	8.7	93
28.5	85.3	8843.6	325.0	-39.8	-49.9	698.2	10.8	8.7	-6.4	323.7	325.9	0.2	99.9	10.0	97
31.8	89.3	9368.3	300.0	-43.7	-53.9	758.0	11.7	9.6	-7.7	326.2	328.7	0.2	99.9	11.5	101
34.1	93.4	9868.6	275.0	-47.3	-58.0	817.0	12.7	10.2	-8.7	328.2	331.9	0.2	99.9	13.3	105
37.3	97.6	10509.9	250.0	-51.4	-62.1	877.0	13.7	10.6	-10.3	330.3	335.9	0.2	99.9	15.5	108
38.8	102.4	11283.1	225.0	-55.6	-66.2	938.4	14.7	10.7	-10.6	332.5	339.9	0.2	99.9	18.0	112
42.8	107.3	11997.6	200.0	-61.4	-70.3	999.3	15.8	10.3	-10.6	334.8	343.8	0.2	99.9	22.8	112
48.3	112.5	12822.8	175.0	-67.0	-74.4	1060.6	16.8	10.3	-10.6	337.2	348.8	0.2	99.9	27.2	112
50.2	118.2	13775.6	150.0	-63.0	-78.5	1123.4	17.3	10.3	-10.6	340.2	354.8	0.2	99.9	31.4	112
54.8	124.5	14913.5	125.0	-60.3	-82.6	1188.1	18.4	10.3	-10.6	342.7	360.8	0.2	99.9	36.0	111
60.0	131.5	16309.5	100.0	-58.2	-86.7	1254.0	19.4	10.3	-10.6	345.1	367.5	0.2	99.9	40.5	113
66.5	138.3	18119.8	75.0	-58.2	-90.8	1321.0	17.5	7.5	-8.2	347.6	374.1	0.2	99.9	45.0	113
75.3	148.5	20099.9	50.0	-54.6	-94.9	1389.6	4.7	1.1	-4.6	351.4	379.9	0.2	99.9	49.6	114
87.9	158.0	25150.7	25.0	-52.3	-99.9	1458.3	3.8	-1.2	-3.1	354.2	384.2	0.2	99.9	43.0	114

\* 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 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS



ORIGINAL FILE IS  
OF POOR QUALITY

STATION NO 562  
NORTH PLATTE, NEBRASKA  
1 MAY 1962  
1415 GMT

TIME MIN	CNTCT	HEIGHT QPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T CG K	E POT T DC K	MX RTD GM/KC	RY PCT	RANGE NM	AZ DC
00	14.7	847.0	925.2	8.4	0.2	180.0	3.1	0.0	3.1	287.9	304.8	6.5	86.0	0.0	0.0
01	09.9	999.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	95.2
02	09.9	999.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03	09.9	999.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04	14.7	848.7	925.0	8.4	0.2	999.9	99.9	99.9	99.9	287.9	304.8	6.4	85.9	99.9	99.9
05	17.3	1075.7	900.0	6.3	5.7	999.9	99.9	99.9	99.9	290.0	307.0	6.4	85.9	99.9	99.9
06	19.9	1308.0	875.0	6.6	4.7	999.9	99.9	99.9	99.9	290.0	307.0	6.2	86.1	99.9	99.9
07	22.4	1545.5	850.0	5.2	0.5	170.8	8.4	-1.4	8.7	281.6	303.5	4.4	86.7	1.5	358.0
08	25.0	1789.9	825.0	7.6	-16.2	151.0	7.4	-1.1	7.3	286.8	300.7	1.3	16.3	1.9	351.0
09	27.7	2043.3	800.0	7.4	-15.9	148.8	5.9	-3.6	6.3	289.0	303.2	1.7	17.3	2.2	348.0
10	30.3	2304.1	775.0	6.5	-14.2	152.9	5.0	-2.3	4.5	300.6	305.7	1.8	21.3	2.5	347.0
11	33.1	2571.7	750.0	4.0	-13.8	166.2	3.2	-0.9	3.6	301.0	308.2	1.6	25.8	2.6	346.0
12	35.8	2846.2	725.0	1.8	-9.5	205.5	3.2	1.4	2.9	301.4	309.0	2.9	43.0	2.6	346.0
13	38.6	3128.1	700.0	1.1	-8.5	243.6	5.4	4.5	2.8	303.7	310.5	1.9	35.5	2.8	353.0
14	41.3	3426.5	675.0	-0.7	-15.5	236.1	3.3	2.8	1.7	308.4	311.3	0.8	14.6	3.0	3.0
15	44.1	3722.3	650.0	-3.1	-24.2	264.8	3.4	3.9	0.3	309.0	311.3	0.7	14.7	3.1	7.0
16	47.1	4023.8	625.0	-5.2	-27.3	276.0	4.7	3.9	-0.4	310.1	312.0	0.6	15.9	3.2	13.0
17	50.0	4358.1	600.0	-7.7	-29.1	276.0	5.9	5.9	-0.5	311.4	312.0	0.5	18.2	3.3	25.0
18	52.8	4698.6	575.0	-10.7	-32.7	273.9	4.7	4.7	-0.4	312.0	312.7	0.5	19.2	3.3	32.0
19	55.6	5027.7	550.0	-13.6	-32.1	268.1	6.2	6.0	0.2	312.6	314.3	0.4	20.7	3.4	41.0
20	58.4	5357.1	525.0	-16.6	-33.0	270.7	6.9	6.8	0.1	313.5	315.3	0.5	22.4	3.4	45.0
21	61.2	5686.5	500.0	-19.6	-32.1	278.3	6.9	6.6	-1.2	314.0	315.3	0.5	24.1	3.5	52.0
22	64.0	6015.9	475.0	-23.2	-33.8	278.3	6.7	6.6	-1.2	314.0	316.2	0.4	25.8	3.5	58.0
23	66.8	6345.3	450.0	-26.7	-35.8	287.8	10.4	10.3	1.6	314.8	316.9	0.4	27.5	3.5	65.0
24	69.6	6674.7	425.0	-30.2	-38.7	292.6	8.8	8.1	3.0	315.7	319.5	0.3	29.2	3.6	71.0
25	72.4	7004.1	400.0	-33.3	-46.3	302.9	6.8	6.6	-5.6	318.9	322.0	0.2	30.9	3.6	78.0
26	75.2	7333.5	375.0	-35.0	-51.7	308.9	10.3	8.6	-8.2	322.9	323.2	0.1	32.6	3.6	84.0
27	78.0	7662.9	350.0	-38.0	-54.8	308.9	13.1	13.4	-8.2	324.5	323.2	0.1	34.3	3.6	91.0
28	80.8	7992.3	325.0	-43.2	-59.9	301.6	15.7	14.7	-8.3	325.5	323.2	0.1	36.0	3.6	96.0
29	83.6	8321.7	300.0	-48.1	-64.9	299.4	18.9	14.8	-9.1	326.8	323.2	0.1	37.7	3.6	103.0
30	86.4	8651.1	275.0	-53.3	-69.9	299.9	17.3	15.6	-9.1	328.0	323.2	0.1	39.4	3.6	108.0
31	89.2	8980.5	250.0	-58.5	-74.9	299.9	16.0	15.3	-9.1	329.7	323.2	0.1	41.1	3.6	110.0
32	92.0	9309.9	225.0	-63.7	-79.9	299.9	15.0	15.0	-8.7	330.6	323.2	0.1	42.8	3.6	113.0
33	94.8	9639.3	200.0	-68.9	-84.9	299.9	13.5	15.2	-8.1	334.3	323.2	0.1	44.5	3.6	116.0
34	97.6	9968.7	175.0	-74.1	-89.9	299.9	11.5	14.6	-8.1	336.2	323.2	0.1	46.2	3.6	119.0
35	100.4	10298.1	150.0	-79.3	-94.9	299.9	9.5	14.6	-8.1	337.9	323.2	0.1	47.9	3.6	122.0
36	103.2	10627.5	125.0	-84.5	-99.9	299.9	7.5	14.6	-8.1	339.6	323.2	0.1	49.6	3.6	125.0
37	106.0	10956.9	100.0	-89.7	-104.9	299.9	5.5	14.6	-8.1	341.3	323.2	0.1	51.3	3.6	128.0
38	108.8	11286.3	75.0	-94.9	-109.9	299.9	3.5	14.6	-8.1	343.0	323.2	0.1	53.0	3.6	131.0
39	111.6	11615.7	50.0	-100.1	-114.9	299.9	1.5	14.6	-8.1	344.7	323.2	0.1	54.7	3.6	134.0
40	114.4	11945.1	25.0	-105.3	-119.9	299.9	0.5	14.6	-8.1	346.4	323.2	0.1	56.4	3.6	137.0
41	117.2	12274.5	0.0	-110.5	-124.9	299.9	0.5	14.6	-8.1	348.1	323.2	0.1	58.1	3.6	140.0
42	120.0	12603.9	0.0	-115.7	-129.9	299.9	0.5	14.6	-8.1	349.8	323.2	0.1	59.8	3.6	143.0
43	122.8	12933.3	0.0	-120.9	-134.9	299.9	0.5	14.6	-8.1	351.5	323.2	0.1	61.5	3.6	146.0
44	125.6	13262.7	0.0	-126.1	-139.9	299.9	0.5	14.6	-8.1	353.2	323.2	0.1	63.2	3.6	149.0
45	128.4	13592.1	0.0	-131.3	-144.9	299.9	0.5	14.6	-8.1	354.9	323.2	0.1	64.9	3.6	152.0
46	131.2	13921.5	0.0	-136.5	-149.9	299.9	0.5	14.6	-8.1	356.6	323.2	0.1	66.6	3.6	155.0
47	134.0	14250.9	0.0	-141.7	-154.9	299.9	0.5	14.6	-8.1	358.3	323.2	0.1	68.3	3.6	158.0
48	136.8	14580.3	0.0	-146.9	-159.9	299.9	0.5	14.6	-8.1	360.0	323.2	0.1	70.0	3.6	161.0
49	139.6	14909.7	0.0	-152.1	-164.9	299.9	0.5	14.6	-8.1	361.7	323.2	0.1	71.7	3.6	164.0
50	142.4	15239.1	0.0	-157.3	-169.9	299.9	0.5	14.6	-8.1	363.4	323.2	0.1	73.4	3.6	167.0
51	145.2	15568.5	0.0	-162.5	-174.9	299.9	0.5	14.6	-8.1	365.1	323.2	0.1	75.1	3.6	170.0
52	148.0	15897.9	0.0	-167.7	-179.9	299.9	0.5	14.6	-8.1	366.8	323.2	0.1	76.8	3.6	173.0
53	150.8	16227.3	0.0	-172.9	-184.9	299.9	0.5	14.6	-8.1	368.5	323.2	0.1	78.5	3.6	176.0
54	153.6	16556.7	0.0	-178.1	-189.9	299.9	0.5	14.6	-8.1	370.2	323.2	0.1	80.2	3.6	179.0
55	156.4	16886.1	0.0	-183.3	-194.9	299.9	0.5	14.6	-8.1	371.9	323.2	0.1	81.9	3.6	182.0
56	159.2	17215.5	0.0	-188.5	-199.9	299.9	0.5	14.6	-8.1	373.6	323.2	0.1	83.6	3.6	185.0
57	162.0	17544.9	0.0	-193.7	-204.9	299.9	0.5	14.6	-8.1	375.3	323.2	0.1	85.3	3.6	188.0
58	164.8	17874.3	0.0	-198.9	-209.9	299.9	0.5	14.6	-8.1	377.0	323.2	0.1	87.0	3.6	191.0
59	167.6	18203.7	0.0	-204.1	-214.9	299.9	0.5	14.6	-8.1	378.7	323.2	0.1	88.7	3.6	194.0
60	170.4	18533.1	0.0	-209.3	-219.9	299.9	0.5	14.6	-8.1	380.4	323.2	0.1	90.4	3.6	197.0
61	173.2	18862.5	0.0	-214.5	-224.9	299.9	0.5	14.6	-8.1	382.1	323.2	0.1	92.1	3.6	200.0
62	176.0	19191.9	0.0	-219.7	-229.9	299.9	0.5	14.6	-8.1	383.8	323.2	0.1	93.8	3.6	203.0
63	178.8	19521.3	0.0	-224.9	-234.9	299.9	0.5	14.6	-8.1	385.5	323.2	0.1	95.5	3.6	206.0
64	181.6	19850.7	0.0	-230.1	-239.9	299.9	0.5	14.6	-8.1	387.2	323.2	0.1	97.2	3.6	209.0
65	184.4	20180.1	0.0	-235.3	-244.9	299.9	0.5	14.6	-8.1	388.9	323.2	0.1	98.9	3.6	212.0
66	187.2	20509.5	0.0	-240.5	-249.9	299.9	0.5	14.6	-8.1	390.6	323.2	0.1	100.6	3.6	215.0
67	190.0	20838.9	0.0	-245.7	-254.9	299.9	0.5	14.6	-8.1	392.3	323.2	0.1	102.3	3.6	218.0
68	192.8	21168.3	0.0	-250.9	-259.9	299.9	0.5	14.6	-8.1	394.0	323.2	0.1	104.0	3.6	221.0
69	195.6	21497.7	0.0	-256.1	-264.9	299.9	0.5	14.6	-8.1	395.7	323.2	0.1	105.7	3.6	224.0
70	198.4	21827.1	0.0	-261.3	-269.9	299.9	0.5	14.6	-8.1	397.4	323.2	0.1	107.4	3.6	227.0
71	201.2	22156.5	0.0	-266.5	-274.9	299.9	0.5	14.6	-8.1	399.1	323.2	0.1	109.1	3.6	230.0
72	204.0	22485.9	0.0	-271.7	-279.9	299.9	0.5	14.6	-8.1	400.8	323.2	0.1	110.8	3.6	233.0
73	206.8	22815.3	0.0	-276.9	-284.9	299.9	0.5	14.6	-8.1	402.5	323.2	0.1	112.5	3.6	236.0
74	209.6	23144.7	0.0	-282.1	-289.9	299.9	0.5	14.6	-8.1	404.2	323.2	0.1	114.2	3.6	239.0
75	212.4	23474.1	0.0	-287.3	-294.9	299.9	0.5	14.6	-8.1	405.9	323.2	0.1	115.9	3.6	242.0
76	215.2	23803.5	0.0	-292.5	-299.9	299.9	0.5	14.6	-8.1	407.6	323.2	0.1	117.6	3.6	245.0
77	218.0	24132.9	0.0	-297.7	-304.9	299.9	0.5	14.6	-8.1	409.3	323.2	0.1	119.3	3.6	248.0
78	220.8	24462.3	0.0	-302.9	-309.9	299.9	0.5	14.6	-8.1	411.0	323.2	0.1	121.0	3.6	251.0
79	223.6	24791.7	0.0	-308.1	-314.9	299.9	0.5	14.6	-8.1	412.7	323.2	0.1	12		

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 562  
NORTH PLATE, NEBRASKA

1 MAY 1982  
1715 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE NM	AZ DG
0.0	14.3	847.0	924.6	15.1	6.7	190.0	7.7	1.3	7.6	284.8	312.7	6.7	57.0	0.0	0.0
00.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	16.8	1073.4	900.0	11.1	4.2	999.9	99.9	99.9	99.9	293.0	308.5	5.8	62.2	999.9	999.9
1.5	18.6	1307.9	875.0	8.7	4.3	999.9	99.9	99.9	99.9	292.9	308.9	5.9	72.9	999.9	999.9
2.2	22.1	1547.3	850.0	6.5	4.3	168.9	9.9	-1.9	9.7	293.2	309.8	6.2	84.5	1.3	353
3.2	24.8	1791.9	825.0	5.0	0.6	160.2	8.3	-3.1	8.7	293.9	307.8	6.2	73.8	1.8	353
4.3	27.5	2045.6	800.0	3.5	-7.4	182.5	7.2	-2.2	8.9	307.6	307.6	2.5	29.0	2.3	359
5.2	30.1	2307.4	775.0	2.4	-4.6	189.7	7.4	-2.4	8.9	307.5	307.6	2.8	34.5	2.7	359
6.4	32.9	2578.2	750.0	1.8	-5.0	189.7	7.4	-2.4	8.9	307.5	307.6	2.8	34.5	3.2	359
7.4	35.7	2852.2	725.0	1.0	-5.0	189.7	7.4	-2.4	8.9	307.5	307.6	2.8	34.5	3.6	359
8.5	38.4	3135.7	700.0	0.8	-1.5	224.1	7.3	5.1	8.7	302.6	313.1	2.7	28.9	4.0	352
9.5	41.3	3428.4	675.0	0.3	-1.5	233.5	7.3	4.6	8.7	304.5	311.8	2.7	28.9	4.2	352
10.6	44.1	3731.8	650.0	0.3	-1.5	241.1	7.3	4.6	8.7	306.5	313.6	1.3	22.4	4.4	0.0
11.8	47.1	4045.0	625.0	-1.9	-20.0	266.0	4.7	5.9	0.3	310.3	314.4	1.1	23.6	4.5	9.9
13.1	50.0	4368.0	600.0	-4.4	-22.1	274.6	5.5	5.5	-0.5	311.8	314.7	1.1	23.6	4.5	9.9
14.4	53.0	4701.5	575.0	-7.0	-24.5	298.6	5.1	5.0	0.1	312.0	314.7	0.8	26.0	4.6	15.0
15.8	56.1	5048.3	550.0	-10.2	-27.4	241.2	5.9	5.2	2.8	313.3	315.9	0.7	29.7	4.7	20.0
17.1	59.3	5403.1	525.0	-12.6	-26.8	250.0	9.2	6.7	3.2	314.7	317.0	0.7	29.7	4.7	20.0
18.4	62.4	5774.0	500.0	-15.1	-27.2	260.6	11.1	10.8	1.8	315.1	317.9	0.7	43.9	4.8	34.0
20.0	65.7	6159.5	475.0	-18.5	-30.5	270.7	11.1	11.1	-0.1	315.2	318.4	0.4	43.9	4.8	34.0
21.4	69.0	6550.3	450.0	-21.5	-33.1	282.6	10.4	10.2	-2.3	317.3	318.6	0.3	35.4	4.7	47.0
23.0	72.4	6979.6	425.0	-24.7	-36.3	288.4	10.3	8.8	-3.3	317.5	318.6	0.3	35.4	4.7	47.0
24.6	76.0	7418.8	400.0	-28.8	-43.8	297.4	10.2	8.0	-4.7	317.5	318.6	0.2	35.4	4.7	47.0
26.3	79.8	7878.0	375.0	-33.8	-47.1	307.7	10.2	8.6	-7.5	322.0	322.7	0.2	35.4	4.7	47.0
28.1	83.3	8385.7	350.0	-37.9	-48.6	314.2	12.6	8.6	-10.8	323.2	323.7	0.1	35.4	4.7	47.0
29.9	87.2	8960.6	325.0	-42.1	-48.6	314.2	12.6	8.1	-14.8	323.2	323.7	0.1	35.4	4.7	47.0
31.8	91.3	9427.2	300.0	-47.3	-48.6	321.9	13.4	8.2	-10.5	328.1	323.7	0.1	35.4	4.7	47.0
33.8	95.5	10008.4	275.0	-51.3	-48.6	315.9	15.1	10.5	-10.9	328.6	323.7	0.1	35.4	4.7	47.0
35.8	100.0	10633.6	250.0	-55.9	-48.6	318.9	16.5	10.8	-12.4	328.9	323.7	0.1	35.4	4.7	47.0
38.4	104.8	11308.0	225.0	-56.7	-48.6	325.3	22.1	12.6	-18.2	331.7	323.7	0.1	35.4	4.7	47.0
40.8	109.8	12047.0	200.0	-61.2	-48.6	317.5	22.1	14.9	-18.3	335.9	323.7	0.1	35.4	4.7	47.0
43.5	115.0	12808.8	175.0	-64.2	-48.6	307.3	19.4	15.4	-11.8	344.0	323.7	0.1	35.4	4.7	47.0
46.6	121.0	13623.2	150.0	-60.4	-48.6	284.0	16.5	15.1	-8.4	365.1	323.7	0.1	35.4	4.7	47.0
50.2	127.7	14801.2	125.0	-58.0	-48.6	292.9	16.5	15.2	-8.4	367.1	323.7	0.1	35.4	4.7	47.0
54.6	135.0	16363.3	100.0	-58.0	-48.6	312.0	13.4	16.0	-9.0	415.7	323.7	0.1	35.4	4.7	47.0
59.4	144.0	18175.8	75.0	-58.0	-48.6	318.3	8.9	16.2	-8.5	454.8	323.7	0.1	35.4	4.7	47.0
66.2	164.0	23767.8	50.0	-54.7	-48.6	3.8	4.1	-0.3	-4.1	514.6	323.7	0.1	35.4	4.7	47.0
80.0	184.5	25245.8	25.0	-50.2	-48.6	99.9	99.9	-0.3	-9.9	610.6	323.7	0.1	35.4	4.7	47.0

\* 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 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 2015 GMT 1982

TIME MIN	GMTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	M* RTO Gm/AG	RH PCT	RANGE KM	AZ DG
00	14	607	922.8	16.5	5	180	8	0	0	298	314	6	41	0	0
00	15	99	1400	99	99	99	99	99	99	99	99	99	99	99	999
00	16	99	975	99	99	97	99	99	99	99	99	99	99	99	999
00	17	99	854	99	99	99	99	99	99	99	99	99	99	99	999
00	18	99	825	99	99	99	99	99	99	99	99	99	99	99	999
00	19	1058	800	14.7	2	178	7	0	0	286	310	3	42	0	0
00	20	1288	878	12.6	2	165	7	0	0	286	311	3	50	0	356
00	21	1538	858	10.5	2	165	8	3	1	287	312	3	58	0	351
00	22	1787	828	8.3	2	177	9	5	1	287	312	3	58	0	352
00	23	2040	800	6.2	2	177	9	5	1	287	312	3	58	0	353
00	24	2301	775	4.2	2	193	8	2	1	308	307	4	21	0	354
00	25	2570	750	2.2	2	193	8	2	1	308	307	4	21	0	355
00	26	2847	725	0.2	2	209	8	0	0	304	313	9	25	8	357
00	27	3132	700	-1.8	2	234	3	4	4	305	313	4	25	8	357
00	28	3428	675	-3.2	2	260	3	4	4	309	313	4	25	8	357
00	29	3731	650	-4.6	2	281	5	4	4	310	314	3	20	0	10
00	30	4045	625	-6.0	2	308	6	4	4	310	314	3	20	0	10
00	31	4368	600	-7.4	2	334	7	4	4	312	315	2	26	3	23
00	32	4702	575	-8.8	2	360	8	4	4	312	315	2	26	3	23
00	33	5048	550	-10.2	2	388	9	4	4	312	315	2	26	3	23
00	34	5408	525	-11.6	2	418	9	4	4	312	315	2	26	3	23
00	35	5778	500	-13.0	2	449	9	4	4	312	315	2	26	3	23
00	36	6158	475	-14.4	2	481	9	4	4	312	315	2	26	3	23
00	37	6548	450	-15.8	2	514	9	4	4	312	315	2	26	3	23
00	38	6948	425	-17.2	2	548	9	4	4	312	315	2	26	3	23
00	39	7358	400	-18.6	2	583	9	4	4	312	315	2	26	3	23
00	40	7778	375	-20.0	2	619	9	4	4	312	315	2	26	3	23
00	41	8208	350	-21.4	2	656	9	4	4	312	315	2	26	3	23
00	42	8648	325	-22.8	2	694	9	4	4	312	315	2	26	3	23
00	43	9098	300	-24.2	2	733	9	4	4	312	315	2	26	3	23
00	44	9558	275	-25.6	2	773	9	4	4	312	315	2	26	3	23
00	45	10028	250	-27.0	2	814	9	4	4	312	315	2	26	3	23
00	46	10508	225	-28.4	2	856	9	4	4	312	315	2	26	3	23
00	47	11000	200	-29.8	2	900	9	4	4	312	315	2	26	3	23
00	48	11500	175	-31.2	2	945	9	4	4	312	315	2	26	3	23
00	49	12000	150	-32.6	2	991	9	4	4	312	315	2	26	3	23
00	50	12500	125	-34.0	2	1038	9	4	4	312	315	2	26	3	23
00	51	13000	100	-35.4	2	1086	9	4	4	312	315	2	26	3	23
00	52	13500	75	-36.8	2	1135	9	4	4	312	315	2	26	3	23
00	53	14000	50	-38.2	2	1185	9	4	4	312	315	2	26	3	23
00	54	14500	25	-39.6	2	1236	9	4	4	312	315	2	26	3	23
00	55	15000	0	-41.0	2	1288	9	4	4	312	315	2	26	3	23
00	56	15500	0	-42.4	2	1341	9	4	4	312	315	2	26	3	23
00	57	16000	0	-43.8	2	1395	9	4	4	312	315	2	26	3	23
00	58	16500	0	-45.2	2	1450	9	4	4	312	315	2	26	3	23
00	59	17000	0	-46.6	2	1506	9	4	4	312	315	2	26	3	23
00	60	17500	0	-48.0	2	1563	9	4	4	312	315	2	26	3	23
00	61	18000	0	-49.4	2	1621	9	4	4	312	315	2	26	3	23
00	62	18500	0	-50.8	2	1680	9	4	4	312	315	2	26	3	23
00	63	19000	0	-52.2	2	1740	9	4	4	312	315	2	26	3	23
00	64	19500	0	-53.6	2	1801	9	4	4	312	315	2	26	3	23
00	65	20000	0	-55.0	2	1863	9	4	4	312	315	2	26	3	23
00	66	20500	0	-56.4	2	1926	9	4	4	312	315	2	26	3	23
00	67	21000	0	-57.8	2	1990	9	4	4	312	315	2	26	3	23
00	68	21500	0	-59.2	2	2055	9	4	4	312	315	2	26	3	23
00	69	22000	0	-60.6	2	2121	9	4	4	312	315	2	26	3	23
00	70	22500	0	-62.0	2	2188	9	4	4	312	315	2	26	3	23

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN G 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  
2 MAY 1982  
200 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP CG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT I DG K	E POT T DG K	MX WTD GM/10G	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	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	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	999.9
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	999.9
2.3	21.7	1521.0	850.0	10.4	6.2	176.2	10.6	-0.7	10.6	297.1	318.1	7.0	74.8	999.9	999.9
3.2	24.3	1766.9	825.0	8.2	5.5	172.1	9.9	-1.4	9.9	297.3	318.0	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	88.6	2.0	358
5.0	29.3	2282.6	775.0	4.0	-3.1	201.2	5.9	2.1	5.5	303.5	314.8	3.8	42.2	3.0	358
5.9	31.9	2534.8	750.0	2.0	-3.8	218.9	5.0	3.1	4.0	304.6	316.0	3.6	44.2	3.0	358
6.9	34.6	2834.8	725.0	0.0	-7.3	278.9	2.2	2.2	-0.3	307.2	316.3	3.1	35.1	3.0	358
7.9	37.1	3122.8	700.0	5.5	-7.1	320.3	3.4	3.2	-2.6	308.6	318.1	3.2	39.7	3.0	358
9.1	39.9	3418.4	675.0	2.8	-8.6	314.2	4.5	4.0	-3.2	308.9	317.7	3.0	42.6	3.0	358
10.1	42.6	3722.6	650.0	-0.1	-10.5	304.7	4.9	4.4	-2.8	308.9	316.9	2.6	45.2	2.7	21
11.2	45.3	4035.2	625.0	-2.7	-13.1	299.0	5.0	5.1	-2.4	309.3	316.2	2.2	44.6	2.7	21
12.4	48.1	4357.3	600.0	-5.2	-16.6	298.1	5.7	5.9	-2.5	310.1	315.5	1.7	40.1	2.7	28
13.4	51.0	4690.0	575.0	-8.6	-19.9	298.5	6.7	6.0	-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	6.1	-3.3	312.2	316.2	1.3	40.2	2.9	47
15.9	56.9	5392.4	525.0	-12.7	-24.3	298.6	5.8	5.1	-2.9	313.2	316.4	1.0	37.0	3.1	55
17.2	60.0	5782.6	500.0	-15.6	-27.1	298.6	4.4	3.9	-2.7	314.0	317.4	0.8	35.5	3.2	67
18.6	63.1	6147.9	475.0	-18.3	-30.8	298.0	4.6	4.9	-2.7	315.3	317.4	0.6	33.8	3.4	82
20.0	66.3	6511.8	450.0	-19.0	-34.7	298.2	10.1	8.8	-7.5	319.4	321.0	0.4	23.2	3.6	75
21.5	69.5	6974.1	425.0	-22.9	-37.6	298.3	12.7	10.2	-9.0	319.7	320.9	0.3	24.5	4.6	84
23.0	72.9	7415.2	400.0	-26.7	-42.2	308.4	14.5	11.3	-7.2	320.3	321.6	0.4	26.9	5.5	93
24.7	76.3	7878.5	375.0	-29.2	-45.4	298.1	15.3	13.5	-8.3	323.0	323.6	0.2	28.1	6.9	99
26.5	79.9	8367.5	350.0	-33.2	-48.9	307.0	16.2	13.0	-9.8	323.9	325.2	0.2	28.1	8.0	103
28.5	83.6	8883.5	325.0	-37.7	-52.9	307.0	16.2	13.0	-12.2	324.7	325.2	0.1	29.4	10.4	107
30.7	87.4	9429.6	300.0	-42.6	-56.9	315.5	17.1	11.9	-13.6	325.4	325.2	0.1	29.4	12.4	111
33.2	91.4	10011.3	275.0	-47.2	-60.9	319.5	17.6	11.6	-14.3	326.8	325.2	0.1	29.4	14.8	116
35.7	95.7	10634.9	250.0	-52.2	-64.9	325.4	17.3	10.5	-16.0	328.5	325.2	0.1	29.4	17.2	120
38.3	100.2	11308.2	225.0	-57.6	-68.9	326.7	19.1	10.5	-16.0	330.2	325.2	0.1	29.4	19.7	123
41.0	104.6	12042.7	200.0	-62.7	-72.9	326.7	20.6	13.0	-16.0	332.5	325.2	0.1	29.4	22.7	126
44.0	110.0	12854.7	175.0	-67.5	-77.1	311.8	22.5	16.6	-15.0	333.6	325.2	0.1	29.4	26.6	128
47.3	115.4	13799.2	150.0	-71.5	-81.5	305.2	20.7	16.9	-11.9	333.6	325.2	0.1	29.4	31.0	128
51.5	121.7	14933.7	125.0	-75.0	-85.9	321.0	16.2	10.2	-12.6	336.9	325.2	0.1	29.4	35.6	128
56.3	128.5	16328.8	100.0	-81.0	-90.9	318.1	12.2	8.2	-9.1	410.0	325.2	0.1	29.4	39.3	129
62.3	136.0	18109.7	75.0	-81.3	-95.9	338.2	11.5	4.3	-10.7	444.3	325.2	0.1	29.4	43.6	131
70.6	144.7	20657.2	50.0	-85.8	-99.9	2.6	5.8	-0.3	-5.8	509.6	325.2	0.1	29.4	46.7	134
83.7	154.0	25066.2	25.0	-93.8	-99.9	323.8	4.7	-2.4	-4.1	630.5	325.2	0.1	29.4	46.5	138

\* BY SPEED MEANS ELEVATION 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 562  
 NORTH PLATTE, NEBRASKA  
 2 MAY 500 GMT 1982

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WY QTO GM/KG	RH PCT	RANGE MM	AZ DG
00	00	847	921.4	10.7	7.4	160	0	-1.2	5.4	290	309	7	80	0	0
00	00	99	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00	00	99	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00	00	99	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00	00	99	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00	00	99	900.0	12.1	6.4	182	6	0.5	10.9	294	314	7	78	0	0
00	00	1044	875.0	11.2	7.3	182	6	0.5	11.7	295	315	7	77	1	0
00	00	1280	850.0	8.8	7.1	182	6	0.5	11.8	295	315	7	75	1	0
00	00	1521	825.0	6.5	6.0	182	3	0.5	11.6	295	314	7	71	1	0
00	00	1768	800.0	6.5	6.0	182	3	0.5	11.6	295	314	7	68	9	0
00	00	2022	775.0	8.2	7.1	182	3	0.9	8.3	302	311	7	66	7	0
00	00	2277	750.0	8.2	7.1	182	3	1.1	5.5	303	311	7	63	0	0
00	00	2532	725.0	7.5	6.4	189	3	1.2	3.5	305	313	7	60	0	0
00	00	2787	700.0	5.3	4.2	221	4	1.5	1.0	307	313	7	57	0	0
00	00	3042	675.0	5.3	4.2	228	0	2.2	-0.5	308	315	7	54	0	0
00	00	3297	650.0	2.7	1.6	261	4	3.5	-1.7	308	316	7	51	0	0
00	00	3552	625.0	0.3	-1.0	295	4	4.5	-3.6	309	315	7	48	0	0
00	00	3807	600.0	-0.3	-1.7	299	0	5.0	-4.4	309	315	7	45	0	0
00	00	4062	575.0	-3.3	-2.7	312	6	6.0	-6.2	309	315	7	42	0	0
00	00	4317	550.0	-5.3	-4.7	323	9	7.0	-7.5	311	315	7	39	0	0
00	00	4572	525.0	-7.2	-6.5	273	1	8.0	-9.2	312	315	7	36	0	0
00	00	4827	500.0	-9.5	-8.8	294	6	9.0	-10.2	313	315	7	33	0	0
00	00	5082	475.0	-12.2	-11.5	316	6	10.0	-11.5	313	315	7	30	0	0
00	00	5337	450.0	-14.9	-14.2	323	6	11.0	-12.5	314	315	7	27	0	0
00	00	5592	425.0	-16.3	-15.6	313	9	12.0	-13.5	314	315	7	24	0	0
00	00	5847	400.0	-19.2	-18.5	312	4	13.0	-14.5	314	315	7	21	0	0
00	00	6102	375.0	-23.0	-22.3	311	5	14.0	-15.5	314	315	7	18	0	0
00	00	6357	350.0	-26.5	-25.8	314	6	15.0	-16.5	314	315	7	15	0	0
00	00	6612	325.0	-31.8	-31.1	318	1	16.0	-17.5	314	315	7	12	0	0
00	00	6867	300.0	-37.6	-36.9	315	6	17.0	-18.5	314	315	7	9	0	0
00	00	7122	275.0	-41.9	-41.2	315	6	18.0	-19.5	314	315	7	6	0	0
00	00	7377	250.0	-46.9	-46.2	315	1	19.0	-20.5	314	315	7	3	0	0
00	00	7632	225.0	-52.2	-51.5	313	7	20.0	-21.5	314	315	7	0	0	0
00	00	7887	200.0	-57.6	-56.9	314	8	21.0	-22.5	314	315	7	0	0	0
00	00	8142	175.0	-63.0	-62.3	310	0	22.0	-23.5	314	315	7	0	0	0
00	00	8397	150.0	-68.0	-67.3	313	0	23.0	-24.5	314	315	7	0	0	0
00	00	8652	125.0	-81.4	-80.7	318	9	24.0	-25.5	314	315	7	0	0	0
00	00	8907	100.0	-91.4	-90.7	317	9	25.0	-26.5	314	315	7	0	0	0
00	00	9162	75.0	-101.4	-100.7	341	0	26.0	-27.5	314	315	7	0	0	0
00	00	9417	50.0	-111.4	-110.7	40	0	27.0	-28.5	314	315	7	0	0	0
00	00	9672	25.0	-121.4	-120.7	62	1	28.0	-29.5	314	315	7	0	0	0
00	00	9927	0	-131.4	-130.7	0	0	29.0	-30.5	314	315	7	0	0	0
00	00	10182	0	-141.4	-140.7	0	0	30.0	-31.5	314	315	7	0	0	0
00	00	10437	0	-151.4	-150.7	0	0	31.0	-32.5	314	315	7	0	0	0
00	00	10692	0	-161.4	-160.7	0	0	32.0	-33.5	314	315	7	0	0	0
00	00	10947	0	-171.4	-170.7	0	0	33.0	-34.5	314	315	7	0	0	0
00	00	11202	0	-181.4	-180.7	0	0	34.0	-35.5	314	315	7	0	0	0
00	00	11457	0	-191.4	-190.7	0	0	35.0	-36.5	314	315	7	0	0	0
00	00	11712	0	-201.4	-200.7	0	0	36.0	-37.5	314	315	7	0	0	0
00	00	11967	0	-211.4	-210.7	0	0	37.0	-38.5	314	315	7	0	0	0
00	00	12222	0	-221.4	-220.7	0	0	38.0	-39.5	314	315	7	0	0	0
00	00	12477	0	-231.4	-230.7	0	0	39.0	-40.5	314	315	7	0	0	0
00	00	12732	0	-241.4	-240.7	0	0	40.0	-41.5	314	315	7	0	0	0
00	00	12987	0	-251.4	-250.7	0	0	41.0	-42.5	314	315	7	0	0	0
00	00	13242	0	-261.4	-260.7	0	0	42.0	-43.5	314	315	7	0	0	0
00	00	13497	0	-271.4	-270.7	0	0	43.0	-44.5	314	315	7	0	0	0
00	00	13752	0	-281.4	-280.7	0	0	44.0	-45.5	314	315	7	0	0	0
00	00	14007	0	-291.4	-290.7	0	0	45.0	-46.5	314	315	7	0	0	0
00	00	14262	0	-301.4	-300.7	0	0	46.0	-47.5	314	315	7	0	0	0
00	00	14517	0	-311.4	-310.7	0	0	47.0	-48.5	314	315	7	0	0	0
00	00	14772	0	-321.4	-320.7	0	0	48.0	-49.5	314	315	7	0	0	0
00	00	15027	0	-331.4	-330.7	0	0	49.0	-50.5	314	315	7	0	0	0
00	00	15282	0	-341.4	-340.7	0	0	50.0	-51.5	314	315	7	0	0	0
00	00	15537	0	-351.4	-350.7	0	0	51.0	-52.5	314	315	7	0	0	0
00	00	15792	0	-361.4	-360.7	0	0	52.0	-53.5	314	315	7	0	0	0
00	00	16047	0	-371.4	-370.7	0	0	53.0	-54.5	314	315	7	0	0	0
00	00	16302	0	-381.4	-380.7	0	0	54.0	-55.5	314	315	7	0	0	0
00	00	16557	0	-391.4	-390.7	0	0	55.0	-56.5	314	315	7	0	0	0
00	00	16812	0	-401.4	-400.7	0	0	56.0	-57.5	314	315	7	0	0	0
00	00	17067	0	-411.4	-410.7	0	0	57.0	-58.5	314	315	7	0	0	0
00	00	17322	0	-421.4	-420.7	0	0	58.0	-59.5	314	315	7	0	0	0
00	00	17577	0	-431.4	-430.7	0	0	59.0	-60.5	314	315	7	0	0	0
00	00	17832	0	-441.4	-440.7	0	0	60.0	-61.5	314	315	7	0	0	0
00	00	18087	0	-451.4	-450.7	0	0	61.0	-62.5	314	315	7	0	0	0
00	00	18342	0	-461.4	-460.7	0	0	62.0	-63.5	314	315	7	0	0	0
00	00	18597	0	-471.4	-470.7	0	0	63.0	-64.5	314	315	7	0	0	0
00	00	18852	0	-481.4	-480.7	0	0	64.0	-65.5	314	315	7	0	0	0
00	00	19107	0	-491.4	-490.7	0	0	65.0	-66.5	314	315	7	0	0	0
00	00	19362	0	-501.4	-500.7	0	0	66.0	-67.5	314	315	7	0	0	0
00	00	19617	0	-511.4	-510.7	0	0	67.0	-68.5	314	315	7	0	0	0
00	00	19872	0	-521.4	-520.7	0	0	68.0	-69.5	314	315	7	0	0	0
00	00	20127	0	-531.4	-530.7	0	0	69.0	-70.5	314	315	7	0	0	0
00	00	20382	0	-541.4	-540.7	0	0	70.0	-71.5	314	315	7	0	0	0
00	00	20637	0	-551.4	-550.7	0	0	71.0	-72.5	314	315	7	0	0	0
00	00	20892	0	-561.4	-560.7	0	0	72.0	-73.5	314	315	7	0	0	0
00	00	21147	0	-571.4	-570.7	0	0	73.0	-74.5	314	315	7	0	0	0
00	00	21402	0	-581.4	-580.7	0	0	74.0	-75.5	314	315	7	0	0	0
00	00	21657	0	-591.4	-590.7	0	0	75.0	-76.5	314	315	7	0	0	0
00	00	21912	0	-601.4	-600.7	0	0	76.0	-77.5	314	315	7	0	0	0
00	00	22167	0	-611.4	-610.7	0	0	77.0	-78.5	314	315	7	0	0	0
00	00	22422	0	-621.4	-620.7	0	0	78.0	-79.5	314	315	7	0	0	0
00	00	22677	0	-631.4	-630.7	0	0	79.0	-80.5	314	315	7	0	0	0
00	00	22932	0	-641.4	-640.7	0	0	80.0	-81.5	314	315	7	0	0	0
00	00	23187	0	-651.4	-650.7	0	0	81.0	-82.5	314	315	7	0	0	0
00	00	23442	0	-661.4	-660.7	0	0	82.0	-83.5	314	315	7	0	0	0
00	00	23697	0	-671.4	-670.7										

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 562  
NORTH PLATTE, NEBRASKA  
2 MAY 1962  
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 DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U M/SEC	V M/SEC	COMP %	POT T DG K	E POT T DG K	MA WTD GM/KG	RI PCT	RANGE KM	AZ DG
0 0	14 6	647 0	920 4	9 9	9 3	105 0	2 1	-2 0	0 5	0 5	289 5	310 8	8 0	0 0	0 0	0 0
0 1	00 9	99 9	1000 0	99 9	99 9	95 4	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 2	00 9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 3	00 9	99 9	950 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 4	00 9	99 9	925 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
0 5	00 9	99 9	900 0	10 0	9 5	217 6	8 1	5 0	6 4	6 4	291 9	313 6	8 2	0 4	334	334
0 6	19 3	1266 6	875 0	9 3	8 8	182 3	11 5	2 4	11 6	11 6	293 4	315 1	8 1	0 8	358	358
0 7	21 6	1508 4	850 0	6 7	8 2	186 6	10 7	1 2	10 6	10 6	295 4	316 9	8 1	0 4	5 3	5 3
0 8	24 4	1756 3	825 0	7 0	8 1	187 1	8 1	1 0	8 1	8 1	296 0	314 0	8 7	2 0	4 5	4 5
0 9	27 0	2011 3	800 0	11 3	-3 4	192 4	5 9	1 3	5 7	5 7	303 2	314 0	3 7	2 6	6 6	6 6
1 0	29 6	2276 1	775 0	11 1	-12 1	233 7	3 4	2 7	2 0	2 0	305 7	311 7	1 9	18 3	2 6	2 6
1 1	32 2	2549 1	750 0	10 0	-10 7	283 3	3 0	2 9	-0 7	-0 7	307 4	314 2	2 3	22 0	2 6	15
1 2	34 9	2829 5	725 0	7 7	-11 1	298 9	4 0	3 5	-1 9	-1 9	307 9	315 3	2 3	24 9	2 6	21
1 3	37 6	3117 2	700 0	5 1	-10 9	305 7	4 6	3 7	-2 7	-2 7	308 1	315 3	2 3	30 2	2 6	22
1 4	40 3	3412 4	675 0	2 2	-11 7	332 3	3 3	1 8	-3 4	-3 4	308 2	315 2	2 3	34 7	2 6	27
1 5	43 1	3715 7	650 0	-0 6	-12 0	346 9	5 3	1 2	-5 1	-5 1	308 3	315 4	2 3	41 8	2 6	32
1 6	45 9	4027 6	625 0	-3 1	-16 8	340 9	8 1	2 7	-7 6	-7 6	308 9	313 3	1 4	2 0	6 0	6 0
1 7	48 8	4349 6	600 0	-5 4	-20 7	342 3	8 1	2 4	-7 7	-7 7	309 9	313 7	1 2	28 8	1 7	77
1 8	51 7	4692 5	575 0	-7 3	-26 9	340 1	5 8	2 0	-5 4	-5 4	311 4	313 5	0 6	15 8	1 9	89
1 9	54 6	5027 6	550 0	-8 8	-30 1	338 5	4 2	2 3	-3 5	-3 5	313 6	313 5	0 6	15 9	1 9	89
2 0	57 6	5385 6	525 0	-11 9	-32 3	333 0	3 0	1 4	-3 7	-3 7	314 6	315 8	0 4	15 3	2 0	103
2 1	60 6	5758 2	500 0	-13 5	-35 8	336 6	3 5	0 9	-3 4	-3 4	316 6	316 6	0 4	17 1	2 4	111
2 2	63 9	6146 1	475 0	-16 6	-38 7	338 7	4 5	1 8	-3 3	-3 3	317 5	319 8	0 4	17 5	2 8	116
2 3	67 1	6550 3	450 0	-19 6	-40 3	308 1	5 2	4 1	-3 0	-3 0	319 3	320 2	0 3	18 9	3 3	117
2 4	70 4	6971 8	425 0	-23 2	-43 6	307 7	5 8	4 6	-3 6	-3 6	321 2	321 9	0 2	17 2	4 7	119
2 5	73 9	7413 4	400 0	-26 0	-46 3	304 4	7 1	5 8	-4 0	-4 0	322 3	322 3	0 2	18 0	4 7	120
2 6	77 3	7877 5	375 0	-29 7	-48 2	300 1	8 1	7 0	-4 1	-4 1	323 4	323 9	0 1	21 3	6 8	120
2 7	80 9	8365 5	350 0	-33 7	-49 5	298 2	11 3	9 9	-5 3	-5 3	324 8	325 3	0 1	27 1	8 5	120
2 8	84 7	8880 9	325 0	-37 6	-49 5	298 9	14 9	13 0	-7 2	-7 2	326 0	326 0	99 9	99 9	10 8	120
2 9	88 5	9427 9	300 0	-42 1	99 9	297 6	15 4	13 7	-7 2	-7 2	327 0	327 0	99 9	99 9	13 3	119
3 0	92 7	10010 0	275 0	-47 1	99 9	297 6	15 4	13 4	-7 2	-7 2	328 5	328 5	99 9	99 9	15 8	119
3 1	96 6	10633 9	250 0	-52 7	99 9	297 5	15 4	13 6	-7 1	-7 1	330 1	330 1	99 9	99 9	18 7	118
3 2	101 4	11307 1	225 0	-57 7	99 9	299 4	15 5	13 5	-7 6	-7 6	331 5	331 5	99 9	99 9	21 9	118
3 3	106 2	12042 9	200 0	-61 4	99 9	303 6	15 9	13 2	-8 8	-8 8	334 0	334 0	99 9	99 9	25 3	120
3 4	111 5	12864 6	175 0	-64 2	99 9	303 6	15 9	11 6	-9 9	-9 9	334 0	334 0	99 9	99 9	28 5	122
3 5	117 2	13812 3	150 0	-60 6	99 9	312 4	16 2	12 0	-10 9	-10 9	335 2	335 2	99 9	99 9	34 6	124
3 6	123 5	14944 6	125 0	-60 4	99 9	319 7	14 6	9 4	-11 1	-11 1	411 0	411 0	99 9	99 9	39 1	126
3 7	130 7	16336 6	100 0	-60 4	99 9	340 5	10 2	3 4	-9 6	-9 6	446 0	446 0	99 9	99 9	41 8	131
3 8	139 0	18132 5	75 0	-60 6	99 9	18 1	5 9	-1 6	-5 7	-5 7	509 8	509 8	99 9	99 9	41 8	131
3 9	148 5	20678 7	50 0	-56 7	99 9	55 0	4 3	-3 6	-2 5	-2 5	635 9	635 9	99 9	99 9	42 0	136
4 0	159 0	25113 2	25 0	-51 8	99 9	55 0	4 3	-3 6	-2 5	-2 5	635 9	635 9	99 9	99 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 CONTACTS

Y 8

APPENDIX II  
AVE/VAS V Sounding Data  
with Abnormal Characteristics  
Presented at 25-mb Intervals



CRIMINAL RECORDS  
OF POOR QUALITY

STATION NO 1  
CROWELL, TEXAS  
1 MAY 2002 GMT 1982

TIME MIN	CNTCT	HEI GPM	PRES INB	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 UG M	MX RTO GM/KG	RH PCT	RANGE NM	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	C
0 6	99 9	90 9	920 0	99 9	90 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	999
0 7	99 9	69 3	975 0	99 9	90 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	999
1 6	11 6	607 9	950 0	16 1*	99 9	105 3	-2 2	-2 2	0 6	293 6	319 7	10 1	99 9	0 1	267
2 5	16 6	833 3	925 0	13 8	99 9	335 2	0 7	0 7	-0 2	293 6	317 7	10 2	94 5	0 2	273
3 6	19 0	1064 1	900 0	11 7	10 9	293 1	1 0	1 0	-0 2	293 6	316 7	8 5	95 3	0 3	289
4 6	21 5	1299 6	875 0	10 1	9 3	142 6	-1 5	-1 5	3 3	296 2	317 9	8 1	90 6	0 5	301
5 8	23 9	1541 1	850 0	8 0	6 2	132 0	-2 4	-2 4	4 5	297 0	317 8	7 7	93 9	0 9	308
6 7	26 4	1788 8	825 0	6 2	5 4	152 4	-2 8	-2 8	3 7	297 8	317 0	7 1	94 3	1 1	315
7 7	29 0	2042 6	800 0	4 9	4 9	143 5	-2 4	-2 4	2 5	299 1	317 1	6 6	93 1	1 4	315
8 8	31 6	2302 5	775 0	4 1	3 9	136 4	-2 7	-2 7	2 2	301 0	317 0	5 4	83 2	1 5	314
9 9	34 2	2570 3	750 0	2 3	1 5	128 3	-2 8	-2 8	2 2	302 0	317 2	5 2	87 0	1 8	314
10 0	36 9	2845 6	725 0	0 7	0 4	128 3	-2 1	-2 1	0 7	303 1	317 7	4 2	90 5	2 0	314
11 0	39 4	3128 6	700 0	-0 7	-4 2	142 9	-1 6	-1 6	0 7	304 9	317 4	3 7	72 3	2 2	312
12 1	42 3	3420 6	675 0	-2 1	-6 7	43 9	3 0	3 0	-0 6	306 7	318 4	3 2	61 8	2 2	317
13 3	45 0	3721 7	650 0	-4 6	-12 2	25 2	2 2	2 2	-2 1	310 6	318 4	2 5	55 6	2 0	321
14 4	47 9	4033 6	600 0	-8 5	-17 6	313 2	0 6	0 6	-3 6	312 4	317 6	1 8	39 8	1 8	318
15 7	50 8	4691 1	575 0	-14 5	-24 4	346 8	1 1	1 1	-3 3	314 1	321 1	1 3	31 8	1 3	313
16 8	53 6	5037 5	550 0	-21 0	-31 8	341 8	0 9	0 9	-2 7	315 2	320 9	1 3	57 4	1 0	301
18 1	56 6	5396 7	525 0	-11 0	-17 6	99 9	99 9	99 9	99 9	317 4	321 5	1 3	44 5	1 3	309
19 4	59 6	5770 5	500 0	-12 9	-22 4	99 9	99 9	99 9	99 9	319 1	321 7	0 7	30 4	1 0	301
20 8	62 8	6160 0	475 0	-15 2	-28 7	99 9	99 9	99 9	99 9	320 0	999 9	99 9	999 9	999 9	999
22 9	66 0	6565 7	450 0	-18 5*	-36 9	99 9	99 9	99 9	99 9	321 9	999 9	99 9	999 9	999 9	999
23 9	69 3	6989 5	425 0	-21 7*	-44 6	99 9	99 9	99 9	99 9	321 9	999 9	99 9	999 9	999 9	999
25 5	72 8	7432 6	400 0	-25 5	-52 4	99 9	99 9	99 9	99 9	322 8	322 8	0 3	21 3	999 9	999
27 2	76 3	7897 4	375 0	-29 4	-60 4	99 9	99 9	99 9	99 9	323 7	323 4	0 2	21 0	999 9	999
28 6	80 0	8385 6	350 0	-33 4	-68 4	99 9	99 9	99 9	99 9	324 5	324 4	0 1	26 1	999 9	999
30 6	83 7	8901 6	325 0	-37 6	-76 4	99 9	99 9	99 9	99 9	325 0	324 9	0 1	25 7	999 9	999
32 4	87 7	9447 4	300 0	-42 8	-84 4	99 9	99 9	99 9	99 9	325 0	999 9	99 9	999 9	999 9	999
34 2	91 8	10029 1	275 0	-47 4	-92 4	99 9	99 9	99 9	99 9	326 6	999 9	99 9	999 9	999 9	999
36 3	96 2	10952 0	250 0	-52 8	-99 9	286 0	13 2	13 2	-4 7	327 5	999 9	99 9	999 9	999 9	999
40 7	100 8	11326 1	225 0	-58 2	-107 4	282 1	14 2	14 2	-4 1	327 5	999 9	99 9	999 9	999 9	999
43 1	105 6	12065 2	200 0	-61 6	-115 4	290 8	14 4	14 4	-3 1	332 4	999 9	99 9	999 9	999 9	999
45 8	111 2	12889 5	175 0	-64 0	-123 4	297 4	16 0	16 0	-6 1	335 2	999 9	99 9	999 9	999 9	999
48 9	117 2	13842 5	150 0	-61 2	-131 4	294 2	12 8	12 8	-6 6	344 3	999 9	99 9	999 9	999 9	999
52 4	123 5	14975 1	125 0	-62 4	-139 4	293 0	15 7	15 7	-7 1	364 7	999 9	99 9	999 9	999 9	999
56 6	130 7	16350 5	100 0	-63 1	-147 4	300 8	12 0	12 0	-4 1	382 1	999 9	99 9	999 9	999 9	999
58 6	139 5	18122 2	75 0	-63 1	-155 4	303 7	6 8	6 8	-7 2	405 8	999 9	99 9	999 9	999 9	999
70 1	149 3	20642 7	50 0	-59 3	-163 4	299 9	4 4	4 4	-3 0	503 6	999 9	99 9	999 9	999 9	999
82 2	160 0	25063 7	25 0	-52 5	-171 4	299 9	99 9	99 9	99 9	633 6	999 9	99 9	999 9	999 9	999

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

ORIGINAL PAGE IS  
OF POOR QUALITY

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.0	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	0.0
0.9	99.9	1000.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	9.3	407.9	975.0	14.5	14.1	999.9	99.9	99.9	99.9	291.9	316.7	10.5	87.0	99.9	99.9
1.6	11.7	828.7	950.0	13.3	12.7	999.9	0.6	0.0	0.0	292.9	317.4	9.6	89.4	99.9	99.9
2.7	14.2	854.3	925.0	11.4	10.5	90.8	0.4	-0.4	0.0	291.9	316.8	9.7	92.4	0.0	298.0
3.6	16.7	1084.6	900.0	9.9	8.5	99.6	1.1	-1.1	0.0	294.3	315.4	8.9	94.3	0.1	284.0
4.7	19.3	1320.0	875.0	9.0	8.5	111.6	1.7	-1.5	0.0	295.6	313.8	8.0	91.1	0.1	284.0
5.9	21.8	1500.9	850.0	7.9	5.6	178.6	0.7	-0.0	0.0	296.6	313.0	6.7	79.1	0.0	289.0
6.9	24.4	1808.3	825.0	7.9	3.2	999.9	99.9	99.9	99.9	296.9	311.7	5.9	72.4	0.0	293.0
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	70.5	0.0	293.0
8.9	29.7	2320.6	775.0	4.2	-0.2	999.9	99.9	99.9	99.9	298.4	311.3	4.6	68.9	99.9	99.9
9.9	32.3	2580.9	750.0	2.4	99.9	99.9	99.9	99.9	99.9	300.2	311.5	4.4	71.9	99.9	99.9
10.9	35.1	2860.1	725.0	0.6	99.9	99.9	99.9	99.9	99.9	301.3	309.9	4.4	99.9	99.9	99.9
12.2	37.8	3140.7	700.0	-1.1	99.9	99.9	99.9	99.9	99.9	302.6	309.9	4.6	99.9	99.9	99.9
13.4	40.7	3428.9	675.0	-2.5	99.9	99.9	99.9	99.9	99.9	305.7	318.9	4.6	99.9	99.9	99.9
14.6	43.5	3728.6	650.0	-3.9	-3.4	999.9	99.9	99.9	99.9	307.0	319.7	4.1	98.0	2.8	499.0
15.8	46.4	4039.8	625.0	-4.8	-5.3	999.9	99.9	99.9	99.9	308.4	319.4	3.8	99.2	3.0	52.0
17.1	49.4	4360.3	600.0	-6.7	-6.8	291.1	3.0	-1.1	-1.8	309.7	319.2	3.2	94.0	3.1	82.0
18.5	52.4	4692.0	575.0	-8.6	-9.5	303.3	3.3	3.2	-0.9	310.7	319.2	2.8	96.6	3.2	82.0
20.0	55.5	5035.1	550.0	-11.3	-13.5	263.0	4.3	4.9	0.5	312.7	320.0	2.6	100.3	3.5	64.0
21.5	58.6	5390.9	525.0	-15.7	-17.4	257.8	5.0	4.9	1.1	313.9	320.0	1.9	86.3	3.9	66.0
22.9	61.9	5760.8	500.0	-18.1	-22.6	268.1	5.4	5.4	0.2	315.6	319.8	1.3	87.3	4.4	67.0
24.6	65.3	6146.1	475.0	-21.0	-27.3	253.2	6.1	5.8	1.8	316.9	319.9	0.9	56.5	5.0	69.0
26.3	68.6	6548.2	450.0	-24.1	-32.7	245.9	5.5	5.0	2.3	318.1	320.4	0.7	53.9	5.6	69.0
27.9	72.1	6968.0	425.0	-27.0	-38.8	276.7	4.4	4.4	0.5	320.0	322.0	0.0	57.3	6.0	70.0
29.7	75.7	7408.0	400.0	-30.1	-42.1	293.7	4.7	4.4	-1.9	321.6	322.0	0.0	43.0	6.4	72.0
31.3	79.3	7870.6	375.0	-33.9	-46.4	305.9	6.2	5.2	-3.3	323.0	324.0	0.3	43.1	6.8	75.0
33.1	83.2	8358.0	350.0	-38.7	-48.4	307.6	6.8	5.5	-4.0	324.2	324.0	0.2	43.8	7.3	80.0
34.9	87.2	8872.1	325.0	-43.4	99.9	307.6	7.5	6.0	-4.6	325.0	324.0	0.0	99.9	7.8	84.0
36.7	91.3	9416.5	300.0	-48.5	99.9	305.2	9.0	7.3	-5.2	326.6	324.0	0.0	99.9	8.5	88.0
38.8	95.5	9995.3	275.0	-53.5	99.9	294.1	9.0	7.3	-4.9	326.6	324.0	0.0	99.9	9.7	93.0
40.8	100.0	10614.9	250.0	-59.1	99.9	290.1	12.0	11.0	-5.2	328.0	324.0	0.0	99.9	11.5	95.0
43.1	104.8	11284.2	225.0	-63.6	99.9	301.9	16.7	14.2	-6.8	332.1	324.0	0.0	99.9	13.7	99.0
45.5	109.8	12013.7	200.0	-64.6	99.9	297.8	14.2	12.5	-6.6	334.4	324.0	0.0	99.9	15.9	103.0
48.2	115.0	12830.2	175.0	-63.2	99.9	283.5	17.3	15.7	-6.0	361.3	324.0	0.0	99.9	18.7	104.0
51.1	120.7	13778.6	150.0	-63.2	99.9	283.5	16.3	15.7	-4.5	380.6	324.0	0.0	99.9	22.0	105.0
54.4	126.7	14697.3	125.0	-63.2	99.9	283.5	15.7	15.7	-3.7	402.9	324.0	0.0	99.9	26.0	105.0
58.6	133.3	16262.7	100.0	-64.6	99.9	283.5	13.6	13.6	-2.3	436.6	324.0	0.0	99.9	29.2	105.0
59.7	140.3	18012.6	75.0	-65.1	99.9	284.5	9.3	9.0	-1.4	468.6	324.0	0.0	99.9	31.2	105.0
71.0	148.0	20504.5	50.0	-62.3	99.9	358.4	4.4	4.4	-4.4	628.7	324.0	0.0	99.9	31.2	109.0
82.5	156.0	24881.3	25.0	-54.2	99.9	45.0	2.0	-1.4	-1.4	628.7	324.0	0.0	99.9	31.2	109.0

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

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 9  
HEWITT, TEXAS  
1 MAY 1982  
1411 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DJ C	DEM PT DJ C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DJ Y	E POT T DJ K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DEG	
0.0	6.6	184.1	998.3	17.8	16.7	50.0	2.7	-2.1	-1.7	281.1	322.1	12.1	93.0	149	13	0
99.9	99.9	1000.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	8.7	385.8	975.0	15.6	14.8	34.0	5.8	-3.3	-4.8	290.8	319.0	11.0	95.2	0	2	216
1.5	17.8	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	251
2.5	13.2	832.1	925.0	14.2	6.1	146.5	5.6	-3.1	4.8	293.9	311.7	6.4	58.1	0	7	292
3.5	15.5	1064.2	900.0	14.0	11.7	146.5	7.0	-3.9	5.8	296.0	321.7	9.7	94.9	1	0	303
4.5	17.8	1301.6	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	8	311
6.6	22.5	1783.7	825.0	9.1	8.3	151.6	6.9	-4.3	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	158.6	7.6	-3.0	7.0	298.3	320.9	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	298.6	318.2	6.3	91.5	2	5	318
9.3	29.9	2575.5	750.0	1.5	-4.6	186.4	8.4	1.2	8.3	298.2	308.6	3.5	63.0	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	3.0	62.4	3	3	333
11.4	34.9	3129.9	700.0	-1.1	-7.8	196.6	9.9	2.8	8.9	301.2	310.1	3.0	60.5	3	7	340
12.6	37.4	3419.4	675.0	-2.5	-9.1	201.1	9.2	3.3	8.6	302.9	314.2	3.0	62.9	4	3	345
13.5	40.1	3718.6	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	4026.6	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	320.2	2.7	94.8	4	5	362
18.8	51.1	5024.8	550.0	-10.1	-12.5	307.8	4.3	3.4	-2.6	312.1	320.2	2.0	82.3	4	4	367
20.3	54.0	5381.9	525.0	-12.6	-16.6	321.1	3.2	-0.1	-2.2	313.3	319.5	1.8	71.9	4	2	371
21.8	56.9	5753.1	500.0	-14.7	-18.1	41.3	3.6	-2.5	-2.9	315.7	320.8	1.8	75.2	4	0	374
23.6	60.0	6139.2	475.0	-18.0	-20.3	33.9	3.0	-1.7	-2.5	315.7	319.7	0.8	47.7	3	5	373
25.1	63.0	6541.4	450.0	-20.3	-22.0	349.9	2.4	0.4	-2.3	317.8	320.6	0.5	34.0	3	2	376
26.9	66.3	6962.5	425.0	-23.5	-34.2	347.1	2.3	0.5	-2.0	318.9	322.9	0.5	36.5	3	2	376
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	3	377
30.7	72.9	7865.6	375.0	-30.4	-36.6	97.8	4.3	-4.3	0.8	321.4	322.9	0.4	54.3	3	3	377
32.8	76.4	8352.3	350.0	-34.2	-42.9	87.2	3.1	-4.3	0.8	322.6	323.5	0.2	40.7	3	3	377
34.9	80.1	8866.4	325.0	-38.4	-48.1	4.0	3.3	-0.2	-3.3	323.6	324.4	0.1	34.6	3	3	377
36.9	84.0	9411.6	300.0	-43.1	-54.9	99.9	99.9	99.9	99.9	324.6	99.9	99.9	99.9	99.9	99.9	99.9
39.1	88.0	9991.7	275.0	-48.0	-62.0	99.9	99.9	99.9	99.9	325.7	99.9	99.9	99.9	99.9	99.9	99.9
41.7	92.3	10513.6	250.0	-52.9	-69.9	99.9	99.9	99.9	99.9	327.4	99.9	99.9	99.9	99.9	99.9	99.9
44.3	96.6	11284.9	225.0	-58.2	-78.9	99.9	15.2	-2.5	-14.9	329.3	99.9	99.9	99.9	99.9	99.9	99.9
47.0	101.6	12027.2	200.0	-57.6	-88.1	325.5	16.2	9.2	-13.4	341.6	99.9	99.9	99.9	99.9	99.9	99.9
50.2	106.6	12864.1	175.0	-59.5	-99.9	309.4	15.6	12.1	-9.9	351.7	99.9	99.9	99.9	99.9	99.9	99.9
53.5	112.2	13829.1	150.0	-60.2	-99.9	292.3	17.5	16.2	-6.6	366.3	99.9	99.9	99.9	99.9	99.9	99.9
57.6	118.5	14966.3	125.0	-62.1	-99.9	279.9	15.1	14.9	-2.6	382.5	99.9	99.9	99.9	99.9	99.9	99.9
62.4	125.2	16336.7	100.0	-63.7	-99.9	267.2	14.0	13.4	-4.2	404.7	99.9	99.9	99.9	99.9	99.9	99.9
66.6	132.7	18097.6	75.0	-63.7	-99.9	263.0	8.6	7.9	-3.4	439.4	99.9	99.9	99.9	99.9	99.9	99.9
76.9	140.7	20914.2	50.0	-59.0	-99.9	287.0	2.1	2.0	-0.6	504.6	99.9	99.9	99.9	99.9	99.9	99.9
90.4	148.7	25026.4	25.0	-51.1	-99.9	99.9	99.9	99.9	99.9	638.1	99.9	99.9	99.9	99.9	99.9	99.9

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

ORIGINAL DATA OF POOR QUALITY

STATION NO 1  
CROWELL, TEXAS  
1 MAY 1982  
2300 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 PTO GM/ΔG	RH PCT	RANGE KM	AZ DG
00	0	449.9	983.8	19.6	13.8	0	0	0	0	295.7	322.9	10.3	69	0	0
00	9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00	9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00	9	99.9	950.0	17.8	12.2	115.5	2.0	-2.3	1.1	285.3	320.2	9.4	69.6	0	1.294
01	3	619.1	925.0	15.8	11.4	127.4	1.7	-1.4	1.1	285.6	320.6	9.5	77.1	0	2.297
2	1	1051.4	900.0	13.7	11.4	150.6	1.6	-0.8	1.4	285.8	320.6	9.4	85.8	0	2.300
2	9	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	1530.7	850.0	10.0	8.7	187.1	4.1	0.5	4.0	296.8	319.0	8.3	91.5	0	5.329
4	3	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	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
6	6	2282.6	775.0	5.2	4.2	175.3	4.3	-0.4	4.3	299.4	317.9	6.7	93.2	0	10.348
7	3	2561.3	750.0	3.6	2.8	174.7	3.7	-0.3	3.7	300.7	318.1	6.3	93.2	1	12.349
7	3	2838.4	725.0	2.3	1.2	183.6	1.9	0.1	1.9	301.9	318.1	5.8	92.4	1	13.350
8	2	3118.6	700.0	0.8	-3.4	172.4	1.8	0.2	1.8	303.4	318.6	4.3	73.4	1	14.351
8	2	3411.7	675.0	0.4	-8.1	120.4	0.9	-0.7	0.4	308.1	318.6	3.6	62.0	1	15.351
9	1	3713.9	650.0	-0.7	-13.8	358.8	0.8	0.0	-0.6	308.2	317.2	3.0	54.2	1	15.350
10	0	4017.1	625.0	-1.5	-18.3	29.1	1.4	0.0	-1.4	310.7	317.2	2.1	38.4	1	14.351
11	8	4351.1	600.0	-3.6	-21.0	28.7	1.5	0.0	-1.4	311.9	316.7	1.5	30.8	1	13.349
12	9	4686.1	575.0	-5.4	-21.0	17.2	2.0	-1.0	-1.8	313.7	319.8	1.9	42.8	1	13.342
13	7	5033.9	550.0	-7.3	-21.0	99.9	2.8	-0.8	-2.7	315.4	319.8	1.3	32.5	1	12.342
14	7	5384.8	525.0	-9.8	-27.5	99.9	99.9	99.9	99.9	316.7	319.7	0.8	21.9	999	9.999
15	8	5789.7	500.0	-12.0	-35.6	99.9	99.9	99.9	99.9	318.4	319.7	0.4	11.8	999	9.999
16	8	6159.8	475.0	-14.8	-44.3	99.9	99.9	99.9	99.9	319.7	320.3	0.2	6.1	999	9.999
17	9	6567.3	450.0	-17.1	-48.0	99.9	99.9	99.9	99.9	321.5	322.2	0.1	6.4	999	9.999
18	0	6933.0	425.0	-20.7	-45.7	99.9	99.9	99.9	99.9	322.5	323.1	0.1	6.4	999	9.999
20	0	723.8	400.0	-24.7	-48.9	99.9	99.9	99.9	99.9	323.9	323.9	0.1	6.4	999	9.999
21	0	7603.5	375.0	-28.7	-48.9	99.9	99.9	99.9	99.9	324.6	324.6	0.2	31.5	999	9.999
22	0	7982.8	350.0	-32.7	-47.2	99.9	99.9	99.9	99.9	324.6	324.6	0.2	31.5	999	9.999
22	7	8310.8	325.0	-37.3	-47.2	99.9	99.9	99.9	99.9	325.2	325.2	0.2	31.5	999	9.999
23	7	8610.8	300.0	-42.4	-46.6	99.9	99.9	99.9	99.9	325.6	325.6	0.2	31.5	999	9.999
25	0	8957.6	275.0	-46.6	-46.6	99.9	99.9	99.9	99.9	326.0	326.0	0.2	31.5	999	9.999
26	4	9340.6	250.0	-51.2	-51.2	99.9	99.9	99.9	99.9	327.7	327.7	0.2	31.5	999	9.999
27	9	9786.6	225.0	-56.7	-56.7	99.9	99.9	99.9	99.9	329.9	329.9	0.2	31.5	999	9.999
29	7	10343.4	200.0	-59.7	-59.7	99.9	99.9	99.9	99.9	331.7	331.7	0.2	31.5	999	9.999
31	8	10913.5	175.0	-63.3	-63.3	157.4	7.1	-2.7	6.0	333.3	333.3	0.2	31.5	999	9.999
33	8	11503.1	150.0	-62.1	-62.1	287.1	11.0	10.0	-3.3	345.4	345.4	0.2	31.5	999	9.999
36	4	12181.6	125.0	-60.4	-60.4	284.9	11.5	11.1	-2.8	365.2	365.2	0.2	31.5	999	9.999
38	8	12891.6	100.0	-63.4	-63.4	274.8	9.2	7.8	-0.7	405.2	405.2	0.2	31.5	999	9.999
42	8	13667.0	75.0	-68.6	-68.6	99.9	99.9	99.9	99.9	99.9	99.9	0.2	31.5	999	9.999
43	8	14500.0	50.0	-75.0	-75.0	99.9	99.9	99.9	99.9	99.9	99.9	0.2	31.5	999	9.999
48	8	15367.0	25.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	0.2	31.5	999	9.999
50	9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 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

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED K/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	Z DG
0.0	0.2	104.6	974.6	23.2	15.3	0.0	0.0	0.0	0.0	298.5	328.6	11.3	61.0	0.0	0.0
0.5	0.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.0	1.5	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.4	14.0	623.9	950.0	16.5	13.1	99.9	99.9	99.9	99.9	293.9	320.3	10.0	80.4	99.9	99.9
2.1	16.4	650.6	925.0	14.1	11.8	99.9	99.9	99.9	99.9	293.8	318.6	9.4	85.7	99.9	99.9
3.0	18.4	1082.0	900.0	12.6	11.0	99.9	99.9	99.9	99.9	294.5	318.9	9.2	90.0	99.9	99.9
4.0	21.3	1316.5	875.0	10.9	9.9	99.9	99.9	99.9	99.9	293.8	318.6	8.8	92.0	99.9	99.9
4.8	23.6	1560.4	850.0	9.8	8.5	99.9	99.9	99.9	99.9	295.1	318.6	8.3	93.8	99.9	99.9
5.8	26.3	1808.4	825.0	8.3	5.9	99.9	99.9	99.9	99.9	296.4	318.6	7.1	84.9	99.9	99.9
7.0	28.9	2081.0	800.0	7.1	99.9	99.9	99.9	99.9	99.9	298.7	318.6	99.9	99.9	99.9	99.9
8.0	31.5	2321.8	775.0	5.8	99.9	99.9	99.9	99.9	99.9	300.1	99.9	99.9	99.9	99.9	99.9
8.1	34.1	2569.2	750.0	4.3	99.9	99.9	99.9	99.9	99.9	301.3	99.9	99.9	99.9	99.9	99.9
10.2	36.7	2864.0	725.0	3.0	99.9	99.9	99.9	99.9	99.9	302.8	99.9	99.9	99.9	99.9	99.9
11.3	38.4	3147.3	700.0	1.8	99.9	99.9	99.9	99.9	99.9	304.5	99.9	99.9	99.9	99.9	99.9
12.4	42.1	3438.6	675.0	0.8	99.9	99.9	99.9	99.9	99.9	307.3	99.9	99.9	99.9	99.9	99.9
13.6	44.9	3741.3	650.0	0.7	99.9	99.9	99.9	99.9	99.9	308.2	99.9	99.9	99.9	99.9	99.9
14.8	47.7	4053.6	625.0	-2.0	99.9	99.9	99.9	99.9	99.9	310.2	99.9	99.9	99.9	99.9	99.9
16.1	50.5	4377.3	600.0	-3.7	-10.7	99.9	99.9	99.9	99.9	311.8	99.9	2.8	58.0	99.9	99.9
17.4	53.4	4712.0	575.0	-6.3	-15.0	99.9	99.9	99.9	99.9	312.6	99.9	2.2	58.2	99.9	99.9
18.9	56.4	5058.2	550.0	-8.3	-18.9	99.9	99.9	99.9	99.9	314.3	99.9	1.9	57.4	99.9	99.9
20.4	59.5	5418.2	525.0	-10.1	-18.6	99.9	99.9	99.9	99.9	316.3	99.9	1.6	55.9	99.9	99.9
22.1	62.6	5793.0	500.0	-12.7	-19.6	99.9	99.9	99.9	99.9	319.4	99.9	1.1	42.8	99.9	99.9
24.0	65.9	6182.7	475.0	-15.0	-24.8	99.9	99.9	99.9	99.9	322.6	99.9	0.8	38.6	99.9	99.9
25.8	69.1	6589.6	450.0	-17.8	-22.3	99.9	99.9	99.9	99.9	322.5	99.9	0.6	34.1	99.9	99.9
28.1	72.6	7015.2	425.0	-20.8	-22.3	99.9	99.9	99.9	99.9	324.3	99.9	0.2	15.8	99.9	99.9
30.3	76.1	7460.6	400.0	-24.2	-22.3	99.9	99.9	99.9	99.9	324.3	99.9	0.1	14.8	99.9	99.9
32.9	79.8	7927.3	375.0	-28.2	-48.8	99.9	99.9	99.9	99.9	324.3	99.9	0.1	11.5	99.9	99.9
35.7	83.6	8418.4	350.0	-31.6	-51.8	99.9	99.9	99.9	99.9	326.2	99.9	0.1	11.5	99.9	99.9
38.8	87.5	8938.5	325.0	-35.9	-54.6	99.9	99.9	99.9	99.9	327.3	99.9	0.1	12.4	99.9	99.9
42.2	91.7	9480.5	300.0	-40.5	-54.6	99.9	99.9	99.9	99.9	328.3	99.9	0.1	12.4	99.9	99.9
46.3	96.2	10076.8	275.0	-45.4	99.9	281.9	10.0	8.5	-2.2	328.5	99.9	99.9	99.9	10.1	95
50.6	100.8	10705.1	250.0	-50.8	99.9	280.3	13.2	13.0	-2.5	330.6	99.9	99.9	99.9	12.9	97
57.0	105.8	11382.7	225.0	-56.4	99.9	287.1	19.3	18.5	-5.7	332.1	99.9	99.9	99.9	16.4	98
60.9	109.8	12124.2	200.0	-60.0	99.9	99.9	99.9	99.9	99.9	337.8	99.9	99.9	99.9	22.9	98
68.8	118.8	13000.0	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
78.8	128.8	14000.0	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
88.8	138.8	15000.0	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
98.8	148.8	16000.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
108.8	158.8	17000.0	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
118.8	168.8	18000.0	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
128.8	178.8	19000.0	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* 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 6 DEG  
 \*\*\*\* BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL RECORDS  
OF POOR QUALITY

STATION NO. 12  
COLLEGE STATION, TEXAS

1 MAY 1962  
1100 GMT

TIME MIN	GMTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH -CT	RANGE KM	AZ DG
00	5.9	79.0	1000.8	18.8	16.6	60.0	2.6	-2.3	-1.3	281.0	321.6	11.9	87.0	0.0	0
01	8.6	162.5	1000.0	18.8	16.6	99.0	99.0	99.0	99.0	282.0	321.6	99.0	99.0	99.0	0
02	9.1	378.9	975.0	13.7	13.7	99.0	94.9	99.0	99.0	284.0	321.6	99.0	99.0	99.0	0
03	11.5	601.0	950.0	18.6	16.6	99.0	99.0	99.0	99.0	288.0	321.6	99.0	99.0	99.0	0
04	13.8	828.2	925.0	17.7	16.6	99.0	99.0	99.0	99.0	287.4	318.3	7.7	56.2	99.0	0
05	16.1	1053.4	900.0	16.9	11.1	107.9	9.9	-8.4	3.2	286.9	323.9	9.3	68.6	1.5	289
06	18.5	1302.8	875.0	14.1	10.1	107.9	7.9	-7.6	2.4	286.4	322.4	8.9	77.1	2.0	289
07	20.9	1547.3	850.0	13.1	8.9	107.4	8.1	-7.7	3.0	289.9	322.8	8.5	75.0	2.4	288
08	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
09	25.6	2054.1	800.0	9.5	3.4	127.8	8.1	-8.4	3.0	301.3	318.4	6.2	65.8	3.3	289
10	28.0	2318.8	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
11	30.8	2586.4	750.0	5.6	-3.0	156.7	7.7	-3.0	7.1	303.7	314.4	4.1	54.0	4.1	297
12	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
13	36.0	3147.0	700.0	1.7	-7.5	165.5	7.9	-2.0	7.3	305.4	313.5	3.1	50.2	4.8	305
14	38.6	3438.5	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
15	41.2	3740.4	650.0	-2.5	-11.6	174.8	6.2	-0.7	6.9	306.1	313.3	2.4	48.8	5.4	312
16	44.0	4050.1	625.0	-5.2	-10.4	181.8	6.9	0.3	6.9	306.5	313.3	2.4	66.8	5.8	315
17	46.7	4388.6	600.0	-8.0	-9.7	187.9	10.4	1.4	10.3	308.2	317.9	3.2	84.7	6.2	319
18	49.6	4752.0	575.0	-8.8	-9.7	189.5	11.2	1.6	11.0	312.1	323.7	3.8	93.9	6.7	324
19	52.4	5048.8	550.0	-8.8	-9.7	189.5	10.4	0.7	11.0	312.1	323.7	3.3	93.9	7.2	328
20	55.3	5408.6	525.0	-11.5	-12.2	204.5	6.8	1.1	10.4	313.6	323.4	2.8	94.0	7.9	330
21	58.3	5781.4	500.0	-14.2	-15.2	204.5	4.7	2.0	10.4	315.7	323.0	2.3	92.3	7.9	332
22	61.4	6168.7	475.0	-16.9	-18.4	181.2	4.3	0.1	10.4	317.0	323.0	1.9	88.5	8.4	334
23	64.5	6572.8	450.0	-19.5	-21.3	166.5	1.9	-0.4	10.4	318.9	323.7	1.5	81.4	8.4	335
24	67.9	6995.1	425.0	-22.7	-25.0	179.6	0.9	0.8	10.4	319.9	323.7	1.2	81.4	8.4	335
25	71.1	7438.8	400.0	-26.1	-29.0	234.6	0.9	0.8	10.4	321.1	324.0	0.9	70.2	8.6	335
26	74.6	7890.6	375.0	-34.2	-33.0	214.3	3.0	1.7	10.4	322.4	324.0	0.6	67.8	8.6	336
27	78.3	8388.4	350.0	-38.7	-38.0	218.1	6.0	3.5	10.4	322.4	324.1	0.4	63.2	8.9	338
28	82.0	8902.7	325.0	-43.0	-43.0	221.4	4.9	4.2	10.4	323.4	324.3	0.3	63.2	9.4	345
29	85.0	9447.1	300.0	-49.0	-49.0	214.7	4.3	2.6	10.4	324.1	324.3	0.3	63.2	9.4	345
30	88.0	10025.5	275.0	-53.4	-53.4	207.5	4.3	2.0	10.4	324.3	324.3	0.3	63.2	9.4	345
31	91.0	10644.9	250.0	-57.4	-57.4	207.5	4.3	1.6	10.4	324.3	324.3	0.3	63.2	9.4	345
32	94.3	11319.9	225.0	-55.0	-55.0	225.2	12.3	6.7	10.4	324.2	324.3	0.3	63.2	10.3	350
33	97.6	12067.1	200.0	-58.6	-58.6	229.6	10.5	6.6	10.4	324.2	324.3	0.3	63.2	11.5	357
34	103.8	12809.1	175.0	-58.7	-58.7	250.5	13.7	9.0	10.4	324.2	324.3	0.3	63.2	12.5	361
35	109.2	13675.6	150.0	-62.6	-62.6	254.2	14.6	13.7	10.4	324.2	324.3	0.3	63.2	14.0	361
36	115.0	14500.4	125.0	-64.4	-64.4	254.4	15.9	17.4	10.4	324.2	324.3	0.3	63.2	15.3	361
37	121.7	15003.4	100.0	-64.4	-64.4	264.5	16.3	16.2	10.4	324.2	324.3	0.3	63.2	16.1	361
38	129.0	16388.6	75.0	-65.7	-65.7	278.1	10.1	10.0	10.4	435.2	324.3	0.3	63.2	21.2	40
39	137.7	18128.3	50.0	-61.5	-61.5	279.1	4.3	4.2	10.4	435.2	324.3	0.3	63.2	25.1	54
40	148.0	20812.8	25.0	-54.7	-54.7	99.9	99.9	99.9	99.9	435.2	324.3	0.3	63.2	25.1	54
41	159.3	25014.0	25.0	-54.7	-54.7	99.9	99.9	99.9	99.9	435.2	324.3	0.3	63.2	25.1	54

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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NC 12  
COLLEGE STATION, TEXAS

MAY 20 10 GMT 1982

87 288 C

TIME MIN	CNTCT	HEIGHT GCM	PRES MB	TEMP DEG C	DEW PT LG °	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG S	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
00	00	79 C	1011 9	21 8	18 6	360 0	3 6	0 0	-3 6	294 0	328 8	13 5	82 0	0 0	0 0
01	01	181 J	1000 0	21 1..	99 9	399 9	99 9	99 9	99 9	294 3	999 9	99 9	999 9	999 9	999 9
02	02	388 B	975 0	19 4..	99 9	999 9	99 9	99 9	35 9	294 7	999 9	99 9	999 9	999 9	999 9
03	03	620 B	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 9
04	04	847 J	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 9
05	05	1076 9	900 0	15 4	9 7	999 9	99 9	99 9	99 9	297 4	320 0	9 4	88 7	999 9	999 9
06	06	1318 4	875 0	14 0	8 1	999 9	99 9	99 9	99 9	298 3	319 4	9 4	87 8	999 9	999 9
07	07	1563 0	850 0	12 6	7 9	119 5	6 6	6 8	0 6	299 6	321 9	9 9	72 4	999 9	999 9
08	08	1812 8	825 0	10 3	7 0	119 5	6 9	6 0	0 6	301 1	321 9	9 9	79 9	999 9	999 9
09	09	2069 2	800 0	9 3	3 9	156 0	6 0	5 2	7 0	301 1	319 4	9 9	68 9	999 9	999 9
10	10	2331 7	775 0	6 8	3 5	172 3	5 3	3 3	7 0	302 4	319 4	9 9	81 9	999 9	999 9
11	11	2600 9	750 0	5 4	3 5	186 8	4 9	0 9	6 9	303 2	319 4	9 9	81 9	999 9	999 9
12	12	2877 6	725 0	3 4	3 2	201 1	3 5	2 7	6 9	304 7	319 4	9 9	81 9	999 9	999 9
13	13	3162 1	700 0	1 4	2 5	214 2	2 4	1 4	6 9	304 7	319 4	9 9	81 9	999 9	999 9
14	14	3454 7	675 0	-0 7	2 2	249 4	1 3	0 5	6 9	304 7	319 4	9 9	81 9	999 9	999 9
15	15	3756 1	650 0	1 8	-4 6	276 4	0 5	1 4	6 9	304 7	319 4	9 9	81 9	999 9	999 9
16	16	4067 5	625 0	5 4	6 3	266 4	0 9	1 4	6 9	304 7	319 4	9 9	81 9	999 9	999 9
17	17	4389 8	600 0	6 3	7 6	264 4	1 2	1 6	6 9	304 7	319 4	9 9	81 9	999 9	999 9
18	18	4723 5	575 0	9 1	10 6	200 0	1 1	1 6	6 9	304 7	319 4	9 9	81 9	999 9	999 9
19	19	5069 6	550 0	11 4	14 3	9 1	1 1	1 6	6 9	304 7	319 4	9 9	81 9	999 9	999 9
20	20	5428 9	525 0	13 8	22 3	12 4	4 3	1 9	6 9	304 7	319 4	9 9	81 9	999 9	999 9
21	21	5801 7	500 0	16 3	27 3	343 3	4 2	2 7	6 9	304 7	319 4	9 9	81 9	999 9	999 9
22	22	6189 6	475 0	19 7	30 3	330 3	4 2	2 7	6 9	304 7	319 4	9 9	81 9	999 9	999 9
23	23	6594 2	450 0	19 7	35 4	399 9	99 9	9 9	6 9	304 7	319 4	9 9	81 9	999 9	999 9
24	24	7017 2	425 0	25 3..	39 3	999 9	99 9	9 9	6 9	304 7	319 4	9 9	81 9	999 9	999 9
25	25	7460 1	400 0	35 3..	46 8	999 9	99 9	9 9	6 9	304 7	319 4	9 9	81 9	999 9	999 9
26	26	7924 9	375 0	39 3..	46 8	999 9	99 9	9 9	6 9	304 7	319 4	9 9	81 9	999 9	999 9
27	27	8414 6	350 0	35 3	46 8	999 9	99 9	9 9	6 9	304 7	319 4	9 9	81 9	999 9	999 9
28	28	8933 7	325 0	30 4	46 8	999 9	99 9	9 9	6 9	304 7	319 4	9 9	81 9	999 9	999 9
29	29	9484 2	300 0	30 4	46 8	999 9	99 9	9 9	6 9	304 7	319 4	9 9	81 9	999 9	999 9
30	30	99 9	275 0	99 9	99 9	99 9	99 9	99 9	99 9	304 7	319 4	9 9	81 9	999 9	999 9
31	31	99 9	250 0	99 9	99 9	99 9	99 9	99 9	99 9	304 7	319 4	9 9	81 9	999 9	999 9
32	32	99 9	225 0	99 9	99 9	99 9	99 9	99 9	99 9	304 7	319 4	9 9	81 9	999 9	999 9
33	33	99 9	200 0	99 9	99 9	99 9	99 9	99 9	99 9	304 7	319 4	9 9	81 9	999 9	999 9
34	34	99 9	175 0	99 9	99 9	99 9	99 9	99 9	99 9	304 7	319 4	9 9	81 9	999 9	999 9
35	35	99 9	150 0	99 9	99 9	99 9	99 9	99 9	99 9	304 7	319 4	9 9	81 9	999 9	999 9
36	36	99 9	125 0	99 9	99 9	99 9	99 9	99 9	99 9	304 7	319 4	9 9	81 9	999 9	999 9
37	37	99 9	100 0	99 9	99 9	99 9	99 9	99 9	99 9	304 7	319 4	9 9	81 9	999 9	999 9
38	38	99 9	75 0	99 9	99 9	99 9	99 9	99 9	99 9	304 7	319 4	9 9	81 9	999 9	999 9
39	39	99 9	50 0	99 9	99 9	99 9	99 9	99 9	99 9	304 7	319 4	9 9	81 9	999 9	999 9
40	40	99 9	25 0	99 9	99 9	99 9	99 9	99 9	99 9	304 7	319 4	9 9	81 9	999 9	999 9

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

ORIGINAL RECORD  
OF POOR QUALITY

STATION NO. 12  
COLLEGE STATION, TEXAS  
2 MAY 1962  
239 GMT

TIME MIN	GMTGT	HEIGHT GPM	PRES MB	TEMP US C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGL KM	AZ DG
00	5.5	790	1010.0	19.1	17.4	000	0.0	0.0	0.0	291.4	323.5	12.5	90.0	0.0	0.0
01	6.0	1710	1000.0	18.5	19.9	000	0.0	0.0	0.0	299.9	323.5	99.9	99.9	999.9	950.0
02	6.5	2070	975.0	17.4	19.9	000	0.0	0.0	0.0	293.1	323.5	99.9	99.9	999.9	999.9
03	7.0	2000	950.0	17.1	19.9	000	0.0	0.0	0.0	294.5	323.5	99.9	99.9	999.9	999.9
04	7.5	1825	925.0	16.3	19.9	000	0.0	0.0	0.0	295.0	323.5	99.9	99.9	999.9	999.9
05	8.0	1669	900.0	15.3	19.9	000	0.0	0.0	0.0	297.7	323.5	99.9	99.9	999.9	999.9
06	8.5	1505	875.0	13.4	19.9	000	0.0	0.0	0.0	297.7	323.5	99.9	99.9	999.9	999.9
07	9.0	1349	850.0	11.9	19.9	000	0.0	0.0	0.0	296.6	323.5	99.9	99.9	999.9	999.9
08	9.5	1198	825.0	9.4	19.9	000	0.0	0.0	0.0	296.6	323.5	99.9	99.9	999.9	999.9
09	10.0	1053	800.0	6.4	19.9	000	0.0	0.0	0.0	300.7	323.5	99.9	99.9	999.9	999.9
10	10.5	931	775.0	6.4	19.9	000	0.0	0.0	0.0	300.7	323.5	99.9	99.9	999.9	999.9
11	11.0	804	750.0	5.1	19.9	000	0.0	0.0	0.0	302.3	323.5	99.9	99.9	999.9	999.9
12	11.5	684	725.0	2.6	19.9	000	0.0	0.0	0.0	304.5	323.5	99.9	99.9	999.9	999.9
13	12.0	571	700.0	1.5	19.9	000	0.0	0.0	0.0	304.5	323.5	99.9	99.9	999.9	999.9
14	12.5	467	675.0	-1.1	19.9	000	0.0	0.0	0.0	306.2	323.5	99.9	99.9	999.9	999.9
15	13.0	375	650.0	-2.5	19.9	000	0.0	0.0	0.0	306.2	323.5	99.9	99.9	999.9	999.9
16	13.5	287	625.0	-4.3	19.9	000	0.0	0.0	0.0	307.5	323.5	99.9	99.9	999.9	999.9
17	14.0	200	600.0	-6.3	19.9	000	0.0	0.0	0.0	307.5	323.5	99.9	99.9	999.9	999.9
18	14.5	115	575.0	-8.3	19.9	000	0.0	0.0	0.0	308.8	323.5	99.9	99.9	999.9	999.9
19	15.0	30	550.0	-10.4	19.9	000	0.0	0.0	0.0	311.9	323.5	99.9	99.9	999.9	999.9
20	15.5	15	525.0	-12.9	19.9	000	0.0	0.0	0.0	314.1	323.5	99.9	99.9	999.9	999.9
21	16.0	0	500.0	-15.3	19.9	000	0.0	0.0	0.0	316.2	323.5	99.9	99.9	999.9	999.9
22	16.5	0	475.0	-17.5	19.9	000	0.0	0.0	0.0	318.8	323.5	99.9	99.9	999.9	999.9
23	17.0	0	450.0	-19.3	19.9	000	0.0	0.0	0.0	320.3	323.5	99.9	99.9	999.9	999.9
24	17.5	0	425.0	-21.0	19.9	000	0.0	0.0	0.0	320.3	323.5	99.9	99.9	999.9	999.9
25	18.0	0	400.0	-24.5	19.9	000	0.0	0.0	0.0	321.4	323.5	99.9	99.9	999.9	999.9
26	18.5	0	375.0	-28.3	19.9	000	0.0	0.0	0.0	324.8	323.5	99.9	99.9	999.9	999.9
27	19.0	0	350.0	-32.0	19.9	000	0.0	0.0	0.0	324.8	323.5	99.9	99.9	999.9	999.9
28	19.5	0	325.0	-37.1	19.9	000	0.0	0.0	0.0	325.0	323.5	99.9	99.9	999.9	999.9
29	20.0	0	300.0	-42.3	19.9	000	0.0	0.0	0.0	325.0	323.5	99.9	99.9	999.9	999.9
30	20.5	0	275.0	-47.0	19.9	000	0.0	0.0	0.0	325.0	323.5	99.9	99.9	999.9	999.9
31	21.0	0	250.0	-50.4	19.9	000	0.0	0.0	0.0	325.0	323.5	99.9	99.9	999.9	999.9
32	21.5	0	225.0	-55.2	19.9	000	0.0	0.0	0.0	325.0	323.5	99.9	99.9	999.9	999.9
33	22.0	0	200.0	-59.1	19.9	000	0.0	0.0	0.0	325.0	323.5	99.9	99.9	999.9	999.9
34	22.5	0	175.0	-63.8	19.9	000	0.0	0.0	0.0	325.0	323.5	99.9	99.9	999.9	999.9
35	23.0	0	150.0	-64.1	19.9	000	0.0	0.0	0.0	325.0	323.5	99.9	99.9	999.9	999.9
36	23.5	0	125.0	-64.1	19.9	000	0.0	0.0	0.0	325.0	323.5	99.9	99.9	999.9	999.9
37	24.0	0	100.0	-65.1	19.9	000	0.0	0.0	0.0	325.0	323.5	99.9	99.9	999.9	999.9
38	24.5	0	75.0	-65.1	19.9	000	0.0	0.0	0.0	325.0	323.5	99.9	99.9	999.9	999.9
39	25.0	0	50.0	-65.1	19.9	000	0.0	0.0	0.0	325.0	323.5	99.9	99.9	999.9	999.9
40	25.5	0	25.0	-65.1	19.9	000	0.0	0.0	0.0	325.0	323.5	99.9	99.9	999.9	999.9

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



ORIGINAL RECORDS  
OF POOR QUALITY

STATION NO 12  
COLLEGE STATION, TEXAS  
2 MAY 1982  
500 GMT

TIME MIN	CNTCT	WEIGHT GPN	PRES INB	TEMP DG C	DEW PT DG C	DIR CG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT I U J K	E POT DC K	MX R/D GM/KG	RH PCT	RANGE KM	AZ DG
00	5 7	79 0	1011 0	18 5	10 0	0 0	0 0	0 0	0 0	280 7	321 5	12 0	90 0	0 0	0
01	0 8	180 2	1000 0	18 5	99 9	99 9	99 9	99 9	99 9	291 2	324 5	99 9	99 9	99 9	99 9
02	0 8	306 0	975 0	17 5	99 9	99 9	99 9	99 9	99 9	292 3	324 5	99 9	99 9	99 9	99 9
03	1 0	616 8	950 0	17 0	99 9	99 9	99 9	99 9	99 9	294 5	318 5	8 3	85 0	99 9	99 9
04	1 2	844 1	925 0	16 5	99 9	99 9	99 9	99 9	99 9	297 4	317 7	7 5	80 9	99 9	99 9
05	1 2	1078 9	900 0	15 4	99 9	99 9	99 9	99 9	99 9	298 3	317 4	7 0	81 0	99 9	99 9
06	1 4	1215 7	875 0	14 0	99 9	99 9	99 9	99 9	99 9	299 1	315 9	6 1	87 0	99 9	99 9
07	1 5	1358 0	850 0	12 3	99 9	99 9	99 9	99 9	99 9	300 6	310 5	5 3	80 1	2 2	306 0
08	1 6	1608 0	825 0	10 9	99 9	99 9	99 9	99 9	99 9	300 6	310 5	5 3	72 0	1 1	2 5
09	1 6	2085 0	800 0	9 9	99 9	99 9	99 9	99 9	99 9	302 3	310 4	5 9	70 0	1 1	2 5
10	1 7	2326 4	775 0	7 5	99 9	99 9	99 9	99 9	99 9	302 3	310 4	5 9	66 5	2 8	309 0
11	1 7	2597 6	750 0	5 2	99 9	99 9	99 9	99 9	99 9	303 9	322 4	5 6	60 3	2 8	309 0
12	1 8	2874 7	725 0	4 0	99 9	99 9	99 9	99 9	99 9	304 3	320 0	5 6	51 0	2 6	312 0
13	1 8	3159 3	700 0	1 6	99 9	99 9	99 9	99 9	99 9	306 4	319 0	4 5	45 0	2 5	314 0
14	1 9	3451 0	675 0	0 7	99 9	99 9	99 9	99 9	99 9	308 5	320 5	4 1	39 0	2 4	316 0
15	1 9	3753 9	650 0	-2 2	99 9	99 9	99 9	99 9	99 9	309 1	319 0	3 3	31 0	2 4	318 0
16	1 9	4065 1	625 0	-3 5	99 9	99 9	99 9	99 9	99 9	313 4	320 1	2 2	21 0	2 3	319 0
17	1 9	4366 4	600 0	-5 0	99 9	99 9	99 9	99 9	99 9	315 7	321 5	1 5	11 0	2 3	320 0
18	1 9	4720 2	575 0	-6 8	99 9	99 9	99 9	99 9	99 9	316 7	321 6	1 2	6 2	2 2	321 0
19	1 9	5068 3	550 0	-8 7	99 9	99 9	99 9	99 9	99 9	317 6	320 3	0 2	2 2	2 0	325 0
20	1 9	5428 4	525 0	-10 7	99 9	99 9	99 9	99 9	99 9	319 7	320 2	0 0	1 4	99 9	99 9
21	1 9	5803 0	500 0	-12 7	99 9	99 9	99 9	99 9	99 9	320 7	320 2	0 0	1 4	99 9	99 9
22	1 9	6183 0	475 0	-14 6	99 9	99 9	99 9	99 9	99 9	322 3	324 4	0 0	1 7	99 9	99 9
23	1 9	6600 7	450 0	-17 0	99 9	99 9	99 9	99 9	99 9	324 3	324 4	0 0	1 7	99 9	99 9
24	1 9	7025 2	425 0	-20 0	99 9	99 9	99 9	99 9	99 9	325 4	325 4	0 0	1 0	99 9	99 9
25	1 9	7471 1	400 0	-23 0	99 9	99 9	99 9	99 9	99 9	326 8	326 8	0 0	1 0	99 9	99 9
26	1 9	7939 0	375 0	-27 4	99 9	99 9	99 9	99 9	99 9	327 6	327 7	0 0	1 0	99 9	99 9
27	1 9	8431 0	350 0	-31 2	99 9	99 9	99 9	99 9	99 9	328 4	99 9	99 9	99 9	99 9	99 9
28	1 9	8951 7	325 0	-35 0	99 9	99 9	99 9	99 9	99 9	328 4	99 9	99 9	99 9	99 9	99 9
29	1 9	9502 8	300 0	-40 5	99 9	99 9	99 9	99 9	99 9	330 7	99 9	99 9	99 9	99 9	99 9
30	1 9	10090 6	275 0	-44 6	99 9	99 9	99 9	99 9	99 9	334 4	99 9	99 9	99 9	99 9	99 9
31	1 9	10724 7	250 0	-48 2	99 9	99 9	99 9	99 9	99 9	337 3	99 9	99 9	99 9	99 9	99 9
32	1 9	11411 7	225 0	-53 0	99 9	99 9	99 9	99 9	99 9	338 6	99 9	99 9	99 9	99 9	99 9
33	1 9	12100 1	200 0	-58 1	99 9	99 9	99 9	99 9	99 9	345 1	99 9	99 9	99 9	99 9	99 9
34	1 9	12891 2	175 0	-61 4	99 9	99 9	99 9	99 9	99 9	350 5	99 9	99 9	99 9	99 9	99 9
35	1 9	13646 1	150 0	-65 0	99 9	99 9	99 9	99 9	99 9	355 1	99 9	99 9	99 9	99 9	99 9
36	1 9	14474 5	125 0	-68 2	99 9	99 9	99 9	99 9	99 9	360 6	99 9	99 9	99 9	99 9	99 9
37	1 9	15274 5	100 0	-68 2	99 9	99 9	99 9	99 9	99 9	360 6	99 9	99 9	99 9	99 9	99 9
38	1 9	16136 6	75 0	-65 2	99 9	99 9	99 9	99 9	99 9	430 2	99 9	99 9	99 9	99 9	99 9
39	1 9	16176 3	50 0	-65 2	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9
40	1 9	16176 3	25 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 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 RECORD  
OF POOR QUALITY

TIME MIN	GMTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POI T DEG K	E POT T DEG A	ML RIG GM/KG	RH %CT	RANGE KM	AZ DEG
00	00	360 0	980 2	13 8	12 8	360 0	2 1	0 0	-2 1	288 8	313 2	9 8	64 0	0 0	0
00	03	405 0	1090 0	13 5	11 0	442 2	7 1	99 9	49 9	288 9	308 2	99 9	99 9	0 2	99 9
01	10	824 0	950 0	12 7	11 0	52 4	8 3	-5 0	-5 3	288 1	312 8	7 5	74 7	0 4	204
02	12	847 0	925 0	11 5	9 9	89 5	5 9	-5 5	-3 8	291 1	312 8	8 7	89 3	0 4	215
03	15	1076 0	900 0	9 9	9 0	85 8	4 0	-1 7	-2 1	291 7	312 9	8 3	89 8	0 8	228
04	17	1311 0	875 0	9 3	8 4	121 4	1 3	-1 1	-1 7	293 4	314 5	8 0	94 3	1 0	235
05	19	1552 0	850 0	8 6	7 8	199 9	1 4	0 5	0 7	295 2	316 1	7 9	94 8	1 1	237
06	22	1789 2	825 0	8 0	6 9	235 9	2 4	2 0	1 4	297 7	317 6	7 6	93 3	1 0	238
07	24	2052 6	800 0	8 2	4 0	309 0	9 9	99 9	99 9	300 5	314 3	6 4	75 7	0 8	237
08	27	2315 3	775 0	4 0	0 0	399 0	9 9	99 9	99 9	300 5	99 9	9 9	64 4	99 9	99 9
09	30	2587 4	750 0	4 0	0 0	499 0	9 9	99 9	99 9	300 5	99 9	9 9	99 9	99 9	99 9
10	33	2857 1	725 0	4 0	0 0	599 0	9 9	99 9	99 9	300 5	99 9	9 9	99 9	99 9	99 9
11	36	3130 1	700 0	0 2	0 0	699 0	9 9	99 9	99 9	300 5	99 9	9 9	99 9	99 9	99 9
12	39	3420 1	675 0	0 2	0 0	799 0	9 9	99 9	99 9	300 5	99 9	9 9	99 9	99 9	99 9
13	42	3720 1	650 0	-1 7	-5 2	899 0	9 9	99 9	99 9	300 5	99 9	9 9	99 9	99 9	99 9
14	45	4030 8	625 0	-4 7	-8 2	999 0	9 9	99 9	99 9	300 5	99 9	9 9	99 9	99 9	99 9
15	48	4350 5	600 0	-8 0	-11 5	1099 0	9 9	99 9	99 9	300 5	99 9	9 9	99 9	99 9	99 9
16	51	4680 2	575 0	-11 5	-14 3	149 7	3 5	-1 8	3 1	312 8	319 0	2 7	75 5	1 0	238
17	54	5030 2	550 0	-11 9	-14 0	149 7	3 5	-1 8	3 1	312 8	321 3	2 7	75 5	1 0	238
18	57	5380 2	525 0	-13 8	-16 1	142 0	3 0	-1 8	2 4	316 1	322 5	2 0	80 2	1 1	238
19	00	5750 4	500 0	-16 4	-20 1	99 9	9 9	99 9	99 9	317 1	322 5	1 1	78 2	1 4	238
20	03	6150 4	475 0	-18 4	-22 2	99 9	9 9	99 9	99 9	318 9	323 5	1 1	78 1	1 4	238
21	06	6550 4	450 0	-20 7	-25 7	99 9	9 9	99 9	99 9	319 9	323 5	1 1	78 0	1 4	238
22	09	6950 6	425 0	-22 7	-28 8	99 9	9 9	99 9	99 9	321 1	323 6	0 8	72 0	1 4	238
23	12	7350 6	400 0	-26 1	-34 8	99 9	9 9	99 9	99 9	323 9	323 7	0 5	58 4	1 4	238
24	15	7822 8	375 0	-29 4	-38 8	99 9	9 9	99 9	99 9	323 9	325 0	0 5	58 4	1 4	238
25	18	8375 7	350 0	-33 4	-43 9	99 9	9 9	99 9	99 9	324 4	99 9	9 9	99 9	1 7	238
26	21	8991 5	325 0	-37 9	-48 9	99 9	9 9	99 9	99 9	324 4	99 9	9 9	99 9	1 7	238
27	24	9438 5	300 0	-42 0	-53 9	310 2	4 9	5 5	3 2	326 2	99 9	9 9	99 9	2 5	237
28	27	10043 6	275 0	-47 3	-58 9	299 6	8 3	6 8	-3 1	326 7	99 9	9 9	99 9	2 5	237
29	30	10643 6	250 0	-52 7	-63 9	284 0	7 0	7 7	-1 7	327 8	99 9	9 9	99 9	3 3	235
30	33	11215 3	225 0	-58 6	-68 9	272 4	7 7	8 6	-0 3	328 8	99 9	9 9	99 9	4 6	235
31	36	11804 8	200 0	-65 0	-74 9	261 0	6 8	10 6	-1 5	329 8	99 9	9 9	99 9	5 9	235
32	39	12404 8	175 0	-81 2	-89 9	277 9	10 7	18 6	-1 7	342 3	99 9	9 9	99 9	8 3	235
33	42	13055 9	150 0	-81 3	-89 9	284 5	13 4	13 3	-2 0	364 3	99 9	9 9	99 9	11 7	238
34	45	13709 0	125 0	-81 3	-89 9	282 8	14 0	12 1	-2 0	381 1	99 9	9 9	99 9	15 5	238
35	48	14324 0	100 0	-85 3	-93 9	305 3	14 0	12 4	-4 8	414 9	99 9	9 9	99 9	19 5	238
36	51	14983 2	75 0	-84 0	-93 9	305 3	14 0	12 4	-4 8	414 9	99 9	9 9	99 9	21 4	238
37	54	15650 7	50 0	-84 0	-93 9	14 7	3 5	-1 1	-2 4	5 1	99 9	9 9	99 9	21 4	238
38	57	16320 4	25 0	-58 8	-68 9	237 3	1 6	-1 1	-1 0	5 1	99 9	9 9	99 9	20 3	238
39	00	16998 6	25 0	-54 0	-59 9	237 3	1 6	-1 1	-1 0	5 1	99 9	9 9	99 9	20 3	238

\* 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 RECORD  
OF POOR QUALITY

STATION NO 101  
FT SILL, OKLAHOMA  
1 MAY 1962  
1817 GMT

154 27 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR U/R	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KC	PCT	RANGE KM	AZ DG
00	0	380	981	18	13	50	2	-1	-1	282	319	10	77	0	0
01	9	99	1000	99	99	99	99	99	99	99	99	99	99	0	0
02	9	417	975	13	8	63	3	-2	-1	148	308	7	72	0	2
03	9	637	550	14	7	61	3	-3	-1	148	308	7	72	0	2
04	9	862	425	12	1	74	2	-4	-1	292	316	5	93	0	5
05	9	1082	300	11	7	96	7	-4	-1	292	316	5	93	0	5
06	9	1327	200	11	7	96	7	-4	-1	292	316	5	93	0	5
07	9	1569	100	10	2	168	9	-3	-1	294	316	8	94	0	7
08	9	1817	50	10	1	232	5	-2	-1	287	319	7	93	0	8
09	9	2072	0	7	3	232	0	2	-2	287	319	7	93	0	8
10	9	2333	0	6	6	232	7	3	1	288	319	3	82	0	5
11	9	2877	0	4	1	999	9	99	99	300	319	3	82	0	5
12	9	3161	0	2	9	999	9	99	99	301	319	3	82	0	5
13	9	3452	0	0	6	999	9	99	99	302	317	2	78	0	3
14	9	3753	0	-0	8	999	9	99	99	303	317	2	78	0	3
15	9	4085	0	-1	8	999	9	99	99	304	317	2	78	0	3
16	9	4388	0	-3	8	999	9	99	99	305	318	6	77	0	8
17	9	4719	0	-5	8	999	9	99	99	308	319	4	83	0	8
18	9	5084	0	-7	8	999	9	99	99	309	320	0	85	0	4
19	9	5423	0	-9	2	999	9	99	99	311	320	0	88	0	4
20	9	5795	0	-10	6	999	9	99	99	313	320	0	88	0	4
21	9	6183	0	-10	6	999	9	99	99	315	320	0	88	0	4
22	9	6588	0	-13	6	999	9	99	99	317	320	0	88	0	4
23	9	7012	0	-16	3	999	9	99	99	319	320	0	88	0	4
24	9	7455	0	-18	6	999	9	99	99	321	323	7	88	0	4
25	9	7919	0	-22	0	999	9	99	99	322	323	7	88	0	4
26	9	8408	0	-25	5	999	9	99	99	322	323	7	88	0	4
27	9	8925	0	-29	5	999	9	99	99	322	323	7	88	0	4
28	9	9423	0	-33	0	301	3	3	-4	326	326	7	14	0	1
29	9	10057	0	-36	7	289	1	6	-3	326	326	7	14	0	1
30	9	10673	0	-41	5	289	1	7	-2	327	327	5	99	0	9
31	9	11329	0	-46	7	277	0	8	-1	327	327	5	99	0	9
32	9	12095	0	-51	7	278	0	8	-1	327	327	5	99	0	9
33	9	12913	0	-56	7	280	6	10	-1	331	331	6	99	0	9
34	9	13867	0	-58	6	286	6	10	-1	333	333	6	99	0	9
35	9	14996	0	-62	6	291	6	13	-2	333	333	6	99	0	9
36	9	16378	0	-64	6	290	6	13	-2	343	343	9	99	0	9
37	9	17996	0	-61	4	290	0	14	-4	383	383	9	99	0	9
38	9	19815	0	-63	1	286	2	12	-5	405	405	8	99	0	9
39	9	21852	0	-62	0	308	9	12	-3	443	443	3	99	0	9
40	9	24095	0	-59	1	283	4	9	-0	504	504	3	99	0	9
41	9	26595	0	-59	9	99	9	99	99	99	99	9	99	0	9
42	9	29395	0	-59	9	99	9	99	99	99	99	9	99	0	9
43	9	32395	0	-59	9	99	9	99	99	99	99	9	99	0	9
44	9	35595	0	-59	9	99	9	99	99	99	99	9	99	0	9
45	9	38995	0	-59	9	99	9	99	99	99	99	9	99	0	9
46	9	42595	0	-59	9	99	9	99	99	99	99	9	99	0	9
47	9	46395	0	-59	9	99	9	99	99	99	99	9	99	0	9
48	9	50395	0	-59	9	99	9	99	99	99	99	9	99	0	9
49	9	54595	0	-59	9	99	9	99	99	99	99	9	99	0	9
50	9	58995	0	-59	9	99	9	99	99	99	99	9	99	0	9
51	9	63595	0	-59	9	99	9	99	99	99	99	9	99	0	9
52	9	68395	0	-59	9	99	9	99	99	99	99	9	99	0	9
53	9	73395	0	-59	9	99	9	99	99	99	99	9	99	0	9
54	9	78595	0	-59	9	99	9	99	99	99	99	9	99	0	9
55	9	83995	0	-59	9	99	9	99	99	99	99	9	99	0	9
56	9	89595	0	-59	9	99	9	99	99	99	99	9	99	0	9
57	9	95395	0	-59	9	99	9	99	99	99	99	9	99	0	9
58	9	101395	0	-59	9	99	9	99	99	99	99	9	99	0	9
59	9	107595	0	-59	9	99	9	99	99	99	99	9	99	0	9
60	9	113995	0	-59	9	99	9	99	99	99	99	9	99	0	9
61	9	120595	0	-59	9	99	9	99	99	99	99	9	99	0	9
62	9	127395	0	-59	9	99	9	99	99	99	99	9	99	0	9
63	9	134395	0	-59	9	99	9	99	99	99	99	9	99	0	9
64	9	141595	0	-59	9	99	9	99	99	99	99	9	99	0	9
65	9	148995	0	-59	9	99	9	99	99	99	99	9	99	0	9
66	9	156595	0	-59	9	99	9	99	99	99	99	9	99	0	9
67	9	164395	0	-59	9	99	9	99	99	99	99	9	99	0	9
68	9	172395	0	-59	9	99	9	99	99	99	99	9	99	0	9
69	9	180595	0	-59	9	99	9	99	99	99	99	9	99	0	9
70	9	188995	0	-59	9	99	9	99	99	99	99	9	99	0	9
71	9	197595	0	-59	9	99	9	99	99	99	99	9	99	0	9
72	9	206395	0	-59	9	99	9	99	99	99	99	9	99	0	9
73	9	215395	0	-59	9	99	9	99	99	99	99	9	99	0	9
74	9	224595	0	-59	9	99	9	99	99	99	99	9	99	0	9
75	9	233995	0	-59	9	99	9	99	99	99	99	9	99	0	9
76	9	243595	0	-59	9	99	9	99	99	99	99	9	99	0	9
77	9	253395	0	-59	9	99	9	99	99	99	99	9	99	0	9
78	9	263395	0	-59	9	99	9	99	99	99	99	9	99	0	9
79	9	273595	0	-59	9	99	9	99	99	99	99	9	99	0	9
80	9	283995	0	-59	9	99	9	99	99	99	99	9	99	0	9
81	9	294595	0	-59	9	99	9	99	99	99	99	9	99	0	9
82	9	305395	0	-59	9	99	9	99	99	99	99	9	99	0	9
83	9	316395	0	-59	9	99	9	99	99	99	99	9	99	0	9
84	9	327595	0	-59	9	99	9	99	99	99	99	9	99	0	9
85	9	338995	0	-59	9	99	9	99	99	99	99	9	99	0	9
86	9	350595	0	-59	9	99	9	99	99	99	99	9	99	0	9
87	9	362395	0	-59	9	99	9	99	99	99	99	9	99	0	9
88	9	374395	0	-59	9	99	9	99	99	99	99	9	99	0	9
89	9	386595	0	-59	9	99	9	99	99	99	99	9	99	0	9
90	9	398995	0	-59	9	99	9	99	99	99	99	9	99	0	9
91	9	411595	0	-59	9	99	9	99	99	99	99	9	99	0	9
92	9	424395	0	-59	9	99	9	99	99	99	99	9	99	0	9
93	9	437395	0	-59	9	99	9	99	99	99	99	9	99	0	9
94	9	450595	0	-59	9	99	9	99	99	99	99	9	99	0	9
95	9	463995	0	-59	9	99	9	99	99	99	99	9	99	0	9
96	9	477595	0	-59	9	99	9	99	99	99	99	9	99	0	9
97	9	491395	0	-59	9	99	9	99	99	99	99	9	99	0	9
98	9	505395	0	-59	9	99	9	99	99	99	99	9	99	0	9
99	9	519595	0	-59	9	99	9	99	99	99	99	9	99	0	9
100	9	533995	0	-59	9	99	9	99	99	99	99	9	99	0	9

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

STATION NO. 101  
 FT SILL, OKLAHOMA  
 1 MAY 1982  
 1915 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 DC
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
0 1	9 8	406 8	975 0	20 2	12 7	99 9	99 9	99 9	99 9	295 5	322 4	10 2	99 9	99 9	93 5
0 9	12 3	629 8	950 0	18 6	12 3	99 9	99 9	99 9	99 9	294 1	318 2	9 5	75 6	99 9	99 9
1 6	12 7	856 3	925 0	14 0	12 1	99 9	99 9	99 9	99 9	293 6	318 9	9 7	88 5	99 9	99 9
2 8	15 1	1087 3	900 0	12 0	10 9	99 9	99 9	99 9	99 9	293 9	317 9	9 1	92 8	99 9	99 9
3 8	17 5	1323 4	875 0	10 7	9 8	99 9	99 9	99 9	99 9	294 9	318 2	8 8	94 2	99 9	99 9
4 8	20 1	1564 8	850 0	9 2	7 4	99 9	99 9	99 9	99 9	295 8	316 2	7 6	88 5	99 9	99 9
5 8	22 6	1812 2	825 0	7 7	4 5	99 9	99 9	99 9	99 9	298 7	314 2	6 4	80 0	99 9	99 9
6 9	25 2	2066 2	800 0	7 4	4 0	99 9	99 9	99 9	99 9	299 0	316 7	6 4	79 4	99 9	99 9
8 0	27 9	2326 9	775 0	5 3	2 7	99 9	99 9	99 9	99 9	299 6	316 2	6 0	82 9	99 9	99 9
8 9	30 7	2594 7	750 0	4 0	0 4	99 9	99 9	99 9	99 9	301 0	315 7	5 3	77 0	99 9	99 9
9 9	33 6	2870 2	725 0	2 8	-1 8	99 9	99 9	99 9	99 9	302 6	315 7	4 6	71 5	99 9	99 9
10 9	36 2	3154 2	700 0	2 0	-2 0	99 9	99 9	99 9	99 9	304 7	318 3	4 7	74 9	99 9	99 9
11 1	38 2	3447 2	675 0	0 1	-4 3	99 9	99 9	99 9	99 9	305 8	317 8	4 1	71 9	99 9	99 9
12 1	42 0	3749 1	650 0	-1 5	-6 3	99 9	99 9	99 9	99 9	307 3	319 0	4 0	75 7	99 9	99 9
13 2	45 1	4061 1	625 0	-3 4	-8 3	99 9	99 9	99 9	99 9	309 6	319 9	3 8	80 2	99 9	99 9
14 2	48 4	4382 5	600 0	-5 9	-9 5	99 9	99 9	99 9	99 9	309 4	318 7	3 1	75 6	99 9	99 9
15 6	51 3	4716 5	575 0	-8 5	-13 2	99 9	99 9	99 9	99 9	313 1	320 5	2 4	56 4	99 9	99 9
16 7	54 5	5063 1	550 0	-11 0	-14 9	99 9	99 9	99 9	99 9	314 0	320 6	2 2	59 8	99 9	99 9
18 0	57 7	5422 8	525 0	-13 7**	-19 9	99 9	99 9	99 9	99 9	315 3	320 6	99 9	99 9	99 9	99 9
19 3	61 1	5795 4	500 0	-16 6**	-25 9	99 9	99 9	99 9	99 9	316 3	320 6	99 9	99 9	99 9	99 9
20 6	64 7	6183 0	475 0	-18 7**	-31 9	99 9	99 9	99 9	99 9	317 4	320 6	99 9	99 9	99 9	99 9
22 0	68 3	6587 7	450 0	-21 1**	-37 9	99 9	99 9	99 9	99 9	319 7	320 6	99 9	99 9	99 9	99 9
23 5	71 8	7011 0	425 0	-23 2**	-43 7	99 9	99 9	99 9	99 9	320 7	320 6	99 9	99 9	99 9	99 9
25 0	75 8	7453 2	400 0	-26 2**	-48 4	99 9	99 9	99 9	99 9	321 0	322 7	99 9	99 9	99 9	99 9
26 9	79 9	7916 3	375 0	-30 0**	-50 7	99 9	99 9	99 9	99 9	322 0	322 8	0 2	24 5	99 9	99 9
28 5	84 0	8403 8	350 0	-33 7	-53 7	99 9	99 9	99 9	99 9	323 3	323 8	0 1	18 5	99 9	99 9
30 3	88 3	8920 1	325 0	-37 3	-58 7	298 1	99 9	99 9	99 9	323 3	325 8	0 1	22 8	99 9	99 9
32 2	92 0	9467 5	300 0	-42 0	-63 7	281 0	9 7	8 0	-3 9	325 3	325 8	0 1	22 8	99 9	99 9
34 1	97 8	10050 3	275 0	-48 9	-68 7	271 5	9 8	9 5	-1 0	325 3	325 8	99 9	99 9	99 9	99 9
36 1	102 6	10674 7	250 0	-56 7	-74 7	274 5	9 8	9 5	-0 3	327 3	325 8	99 9	99 9	99 9	99 9
38 5	108 5	11349 9	225 0	-64 0	-80 7	280 4	13 3	13 2	-1 0	328 7	325 8	99 9	99 9	99 9	99 9
40 8	114 2	12088 0	200 0	-72 0	-86 7	293 2	14 1	13 9	-2 6	331 6	325 8	99 9	99 9	99 9	99 9
43 3	120 5	12908 9	175 0	-80 0	-92 7	300 7	13 3	13 0	-5 8	334 5	325 8	99 9	99 9	99 9	99 9
45 8	127 2	13861 6	150 0	-88 3	-98 9	307 5	13 3	11 5	-6 8	334 3	325 8	99 9	99 9	99 9	99 9
48 9	134 7	14992 3	125 0	-96 7	-105 1	293 5	17 2	15 8	-8 9	364 6	325 8	99 9	99 9	99 9	99 9
52 3	141 7	16373 4	100 0	-105 1	-112 1	290 9	15 2	14 2	-5 4	384 1	325 8	99 9	99 9	99 9	99 9
56 3	149 0	18142 7	75 0	-112 1	-119 1	292 1	12 7	11 8	-4 8	408 1	325 8	99 9	99 9	99 9	99 9
61 3	157 0	20670 7	50 0	-119 1	-126 1	301 4	8 4	7 2	-1 4	442 6	325 8	99 9	99 9	99 9	99 9
68 1	164 7	25091 4	25 0	-153 6	-153 6	312 6	2 7	2 0	-1 8	502 9	325 8	99 9	99 9	99 9	99 9
76 3	184 7					312 6	2 7	2 0	-1 8	502 9	325 8	99 9	99 9	99 9	99 9

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

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 101  
PT SILL, OKLAHOMA  
1 MAY 1982 2216 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES ME	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00.0	8.4	360.0	978.2	21.9	14.3	0.0	0.0	0.0	0.0	296.9	324.9	10.3	82.0	0.0	0
00.2	9.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.3	8.7	368.4	975.0	21.1*	99.9	99.9	99.9	99.9	99.9	298.6	324.9	99.3	99.9	99.9	99.9
00.6	10.8	612.0	950.0	19.1*	99.9	99.9	99.9	99.9	99.9	298.6	324.9	99.9	99.9	99.9	99.9
01.9	12.9	840.5	925.0	16.7	11.6	99.9	99.9	99.9	99.9	298.6	324.9	99.9	99.9	99.9	99.9
2.7	15.2	1073.4	900.0	14.3	10.7	99.9	99.9	99.9	99.9	298.6	324.9	99.9	99.9	99.9	99.9
3.6	17.4	1311.2	875.0	12.5	10.0	99.9	99.9	99.9	99.9	298.6	324.9	99.9	99.9	99.9	99.9
4.7	19.7	1554.0	850.0	10.7	8.9	99.9	99.9	99.9	99.9	298.6	324.9	99.9	99.9	99.9	99.9
5.5	21.9	1802.8	825.0	9.6*	5.8	99.9	99.9	99.9	99.9	298.6	324.9	99.9	99.9	99.9	99.9
6.5	24.4	2057.9	800.0	8.0*	99.9	99.9	99.9	99.9	99.9	300.3	324.9	99.9	99.9	99.9	99.9
7.7	26.6	2318.5	775.0	6.0*	99.9	99.9	99.9	99.9	99.9	300.3	324.9	99.9	99.9	99.9	99.9
8.9	29.1	2585.6	750.0	3.8	1.6	99.9	99.9	99.9	99.9	300.3	324.9	99.9	99.9	99.9	99.9
10.0	31.7	2860.8	725.0	2.2	0.6	99.9	99.9	99.9	99.9	304.1	324.9	99.9	99.9	99.9	99.9
11.6	34.3	3144.3	700.0	1.5	0.2	99.9	99.9	99.9	99.9	307.0	324.9	99.9	99.9	99.9	99.9
12.5	36.6	3438.7	675.0	-0.4	-2.3	189.8	1.2	-0.1	1.2	305.2	324.9	99.9	99.9	99.9	99.9
13.8	39.6	3738.3	650.0	-1.8	-4.1	61.9	0.7	-0.7	-0.7	308.7	324.9	99.9	99.9	99.9	99.9
14.8	42.1	4049.9	625.0	-3.2	-7.5	11.0	0.0	-0.4	-0.4	312.4	324.9	99.9	99.9	99.9	99.9
15.6	45.0	4373.8	600.0	-5.2	-12.0	359.6	0.9	-2.9	-2.9	315.8	324.9	99.9	99.9	99.9	99.9
16.9	48.0	4709.4	575.0	-7.2	-21.6	99.9	99.9	99.9	99.9	317.9	324.9	99.9	99.9	99.9	99.9
18.1	50.8	5057.4	550.0	-9.8**	-29.9	99.9	99.9	99.9	99.9	317.9	324.9	99.9	99.9	99.9	99.9
19.4	53.8	5418.1	525.0	-12.4**	-37.4	99.9	99.9	99.9	99.9	317.9	324.9	99.9	99.9	99.9	99.9
20.6	56.9	5792.5	500.0	-15.3**	-45.8	99.9	99.9	99.9	99.9	320.2	324.9	99.9	99.9	99.9	99.9
22.0	60.3	6182.0	475.0	-18.3**	-53.4	99.9	99.9	99.9	99.9	322.5	324.9	99.9	99.9	99.9	99.9
23.3	63.6	6588.0	450.0	-21.1**	-61.4	99.9	99.9	99.9	99.9	322.5	324.9	99.9	99.9	99.9	99.9
24.8	67.0	7012.0	425.0	-25.0	-69.9	99.9	99.9	99.9	99.9	322.5	324.9	99.9	99.9	99.9	99.9
26.3	70.5	7456.3	400.0	-29.4	-77.1	303.3	5.7	-3.9	-3.9	322.5	324.9	99.9	99.9	99.9	99.9
27.7	74.3	7920.8	375.0	-33.3	-84.8	294.4	10.6	-8.4	-8.4	323.6	324.9	99.9	99.9	99.9	99.9
29.3	78.2	8409.1	350.0	-38.3	-91.9	288.4	12.0	-11.0	-11.0	323.6	324.9	99.9	99.9	99.9	99.9
30.9	82.2	8924.9	325.0	-42.2	-99.9	288.3	13.5	-12.8	-12.8	323.6	324.9	99.9	99.9	99.9	99.9
32.7	86.4	9471.1	300.0	-47.4	-107.9	285.2	14.7	-13.8	-13.8	325.8	324.9	99.9	99.9	99.9	99.9
34.5	91.0	10051.9	275.0	-51.4	-116.4	284.0	16.4	-15.0	-15.0	329.7	324.9	99.9	99.9	99.9	99.9
36.7	95.8	10676.5	250.0	-57.1	-125.0	284.0	18.0	-16.7	-16.7	331.1	324.9	99.9	99.9	99.9	99.9
38.7	100.8	11351.9	225.0	-63.9	-134.4	301.4	19.6	-17.6	-17.6	336.9	324.9	99.9	99.9	99.9	99.9
41.0	108.5	12080.9	200.0	-69.9	-143.9	301.4	21.5	-18.5	-18.5	344.3	324.9	99.9	99.9	99.9	99.9
43.5	112.2	12817.4	175.0	-76.9	-153.9	301.4	23.4	-19.4	-19.4	344.3	324.9	99.9	99.9	99.9	99.9
46.5	118.7	13668.5	150.0	-83.9	-164.4	301.4	25.3	-20.3	-20.3	344.3	324.9	99.9	99.9	99.9	99.9
48.5	124.7	14544.5	125.0	-90.9	-175.9	301.4	27.2	-21.2	-21.2	344.3	324.9	99.9	99.9	99.9	99.9
50.9	130.9	15446.5	100.0	-99.9	-187.9	301.4	29.1	-22.1	-22.1	344.3	324.9	99.9	99.9	99.9	99.9
53.9	137.9	16374.5	75.0	-109.9	-200.9	301.4	31.0	-23.0	-23.0	344.3	324.9	99.9	99.9	99.9	99.9
56.9	145.9	17338.5	50.0	-119.9	-214.9	301.4	32.9	-23.9	-23.9	344.3	324.9	99.9	99.9	99.9	99.9
59.9	154.9	18338.5	25.0	-129.9	-229.9	301.4	34.8	-24.8	-24.8	344.3	324.9	99.9	99.9	99.9	99.9

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

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MY 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	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
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	99.2	0.1	185
0.9	17.0	1067.6	900.0	9.9	8.9	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	27.9	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	298.1	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	1.6	297.6	316.9	7.1	95.6	0.8	254
4.6	30.4	2303.0	775.0	4.9	3.9	115.1	4.8	-3.3	2.0	298.7	316.7	6.6	95.4	1.0	262
5.4	32.1	2569.9	750.0	3.3	2.3	101.7	5.8	-3.7	1.2	300.2	317.0	6.1	93.3	1.2	266
6.5	35.7	2845.0	725.0	2.2	1.4	90.3	5.3	-5.3	0.0	301.9	316.5	4.5	71.8	1.6	270
7.6	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	-8.3	1.6	308.7	318.5	4.1	98.6	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	-8.8	-31.9	83.9	5.6	-5.8	-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	5369.1	525.0	-10.3	-32.9	99.9	99.9	99.9	99.9	316.0	317.6	0.9	30.9	4.5	274
17.1	62.4	5764.0	500.0	-12.0	-26.6	99.9	99.9	99.9	99.9	318.5	321.6	0.9	37.0	4.5	274
18.2	65.6	6155.5	475.0	-14.7	-26.1	99.9	99.9	99.9	99.9	319.8	322.9	0.8	37.0	4.5	274
19.7	68.9	6582.1	450.0	-17.9	-29.0	99.9	99.9	99.9	99.9	320.8	323.4	0.8	36.9	4.5	274
21.4	72.3	6987.0	425.0	-20.8**	-29.9	99.9	99.9	99.9	99.9	322.3	323.9	0.9	36.9	4.5	274
23.2	75.8	7431.9	400.0	-24.3**	-29.9	99.9	99.9	99.9	99.9	323.4	324.7	0.9	36.9	4.5	274
25.2	79.4	7899.0	37.0	-27.9**	-29.9	99.9	99.9	99.9	99.9	324.7	326.1	0.9	36.9	4.5	274
27.2	83.0	8390.5	350.0	-31.9	-51.3	99.9	99.9	99.9	99.9	325.7	326.1	0.1	12.5	4.1	226
28.4	86.8	8909.6	325.0	-36.3	-51.7	99.9	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	-51.9	320.4	8.0	5.1	-6.2	327.8	327.0	0.1	18.5	4.1	226
33.8	94.6	10046.1	275.0	-45.5	-51.9	308.6	9.0	7.2	-5.4	329.3	329.3	0.9	99.9	4.7	199
36.3	99.2	10674.1	250.0	-51.2	-51.9	283.9	8.2	7.9	-2.0	330.0	329.3	0.9	99.9	5.0	185
38.7	103.7	11351.3	225.0	-56.7	-51.9	264.4	8.7	8.8	0.6	331.7	329.3	0.9	99.9	5.0	172
41.2	108.6	12092.2	200.0	-61.2	-51.9	244.0	12.7	12.4	-3.1	335.9	329.3	0.9	99.9	5.5	156
44.4	114.0	12911.6	175.0	-65.4	-51.9	224.0	99.9	99.9	99.9	342.0	329.3	0.9	99.9	5.7	141
48.9	123.9	13911.6	150.0	-69.9	-51.9	99.9	99.9	99.9	99.9	99.9	329.3	0.9	99.9	99.9	999.9
53.9	134.9	15099.9	125.0	-74.9	-51.9	99.9	99.9	99.9	99.9	99.9	329.3	0.9	99.9	99.9	999.9
58.9	146.9	16399.9	100.0	-79.9	-51.9	99.9	99.9	99.9	99.9	99.9	329.3	0.9	99.9	99.9	999.9
63.9	158.9	17699.9	75.0	-84.9	-51.9	99.9	99.9	99.9	99.9	99.9	329.3	0.9	99.9	99.9	999.9
68.9	170.9	19099.9	50.0	-89.9	-51.9	99.9	99.9	99.9	99.9	99.9	329.3	0.9	99.9	99.9	999.9
73.9	182.9	20499.9	25.0	-94.9	-51.9	99.9	99.9	99.9	99.9	99.9	329.3	0.9	99.9	99.9	999.9

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

STATION NO. 235  
JACKSON, MISSISSIPPI

1 MAY 1962  
1700 GMT

170 13 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	DEW PT CC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MY H TO 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	87 0	0 0	0
0 4	5 4	188 2	1000 0	21 5	14 3	99 9	92 9	99 9	99 9	294 3	322 0	10 7	87 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	84 5	999 9	999
2 1	11 7	630 0	950 0	16 7	14 1	999 9	99 9	99 9	99 9	294 8	320 2	9 6	82 1	999 9	327
2 6	14 4	857 2	925 0	15 1	12 1	999 9	3 3	2 6	2 0	295 0	321 2	9 9	83 7	0 4	348
3 7	17 1	1089 2	900 0	13 1	10 9	238 4	2 3	2 0	1 2	296 0	319 7	9 4	94 9	0 5	14
4 6	19 8	1328 2	875 0	11 2	10 9	203 7	1 2	0 5	1 1	298 8	318 2	8 5	92 4	0 6	14
5 5	22 6	1568 7	850 0	10 2	9 0	196 5	1 5	0 4	1 4	298 8	315 8	8 2	77 4	0 7	14
6 5	25 3	1817 1	825 0	8 7	5 1	148 0	1 1	-0 6	0 9	298 8	315 8	7 2	77 4	0 7	14
7 5	28 1	2071 5	800 0	7 2	3 5	148 0	1 1	-1 7	-2 1	300 3	319 1	6 6	94 6	0 4	11
8 5	30 8	2322 8	775 0	6 0	3 5	39 3	4 5	-1 8	-4 1	300 3	319 1	6 6	94 6	0 4	11
9 5	33 6	2600 9	750 0	3 9	3 5	33 6	4 5	-1 8	-4 1	300 3	319 1	6 6	94 6	0 4	11
10 5	36 3	2877 0	725 0	3 3	2 2	99 9	99 9	99 9	99 9	303 1	320 6	6 2	92 3	99 9	999
11 5	39 0	3160 9	700 0	3 3	2 2	99 9	99 9	99 9	99 9	303 1	320 6	6 2	92 3	99 9	999
12 7	42 4	3453 1	675 0	0 4	1 7	99 9	99 9	99 9	99 9	306 1	321 3	4 6	82 9	99 9	999
13 8	45 4	3755 0	650 0	-0 9	-3 4	999 9	99 9	99 9	99 9	308 0	320 3	3 1	71 9	999 9	999
15 0	48 4	4067 6	625 0	-2 6	-7 0	999 9	99 9	99 9	99 9	310 8	320 2	3 2	68 1	999 9	180
16 2	51 5	4390 7	600 0	-4 8	-9 6	999 9	99 9	99 9	99 9	313 0	319 0	1 9	55 8	2 1	173
17 4	54 6	4724 4	575 0	-7 2	-15 6	284 4	2 5	2 4	-1 1	315 0	317 8	0 8	20 0	2 2	167
18 6	57 8	5068 8	550 0	-10 7	-21 6	271 7	4 9	4 9	-1 1	317 9	315 7	0 5	18 4	2 2	158
20 1	61 0	5428 8	525 0	-12 4	-27 8	245 3	6 1	7 4	1 7	318 2	320 9	0 8	18 4	2 2	148
21 5	64 3	5802 8	500 0	-14 0	-31 6	245 3	6 1	7 4	1 7	318 2	320 9	0 8	18 4	2 2	148
23 0	67 7	6192 2	475 0	-16 3	-35 2	240 5	8 1	9 5	3 4	320 2	325 2	1 5	18 4	2 2	136
24 4	71 1	6598 0	450 0	-18 3	-39 2	240 5	10 9	9 5	5 4	322 2	324 9	0 2	14 9	3 1	120
25 9	74 6	7022 6	425 0	-20 9	-42 6	239 4	11 8	10 8	6 0	324 8	325 6	0 2	14 9	3 1	104
27 3	78 3	7468 5	400 0	-23 3	-45 1	244 0	12 0	10 8	5 3	326 4	328 6	0 6	14 9	3 1	95
29 3	82 0	7937 7	375 0	-26 6	-47 6	244 2	11 5	10 1	5 2	328 6	329 5	0 3	14 9	3 1	88
31 0	85 8	8432 2	350 0	-30 6	-50 4	244 8	11 1	11 1	5 2	329 7	331 0	0 3	14 9	3 1	85
32 6	89 7	8955 4	325 0	-34 1	-53 1	238 9	12 3	11 1	5 2	329 7	331 0	0 3	14 9	3 1	85
34 4	93 6	9510 3	300 0	-38 0	-55 9	238 9	15 7	13 6	7 9	330 7	331 4	0 2	14 9	3 1	81
36 2	97 2	10098 6	275 0	-41 5	-58 9	238 2	17 6	15 0	9 3	330 7	331 4	0 2	14 9	3 1	81
38 2	102 8	10730 1	250 0	-44 5	-61 9	242 2	20 7	16 3	12 6	331 9	331 9	0 2	14 9	3 1	77
40 3	107 6	11412 4	225 0	-48 9	-64 9	239 6	24 9	21 5	12 6	335 2	335 9	0 2	14 9	3 1	74
42 6	112 6	12158 4	200 0	-54 4	-69 9	240 1	25 6	22 2	12 8	335 2	335 9	0 2	14 9	3 1	69
45 0	118 4	12978 6	175 0	-61 6	-74 9	241 3	23 5	20 6	11 3	341 7	339 9	0 2	14 9	3 1	68
47 9	124 5	13820 4	150 0	-69 9	-81 9	260 3	21 3	18 7	11 3	341 7	339 9	0 2	14 9	3 1	67
51 3	131 2	15049 2	125 0	-80 9	-91 9	271 0	16 7	15 2	-0 3	384 7	339 9	0 2	14 9	3 1	70
55 4	139 0	16433 5	100 0	-87 7	-99 9	282 5	15 6	15 2	-3 4	408 7	339 9	0 2	14 9	3 1	73
60 5	147 7	18310 0	75 0	-81 2	-99 9	294 0	10 0	9 2	-2 1	444 7	339 9	0 2	14 9	3 1	77
67 9	158 0	20758 5	50 0	-57 2	-99 9	311 8	3 4	2 5	-2 3	508 8	339 9	0 2	14 9	3 1	81
79 7	189 0	25319 3	25 0	-49 8	-99 9	999 9	99 9	99 9	99 9	641 4	339 9	0 2	14 9	3 1	81

\* 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 RECORD  
OF POC7 QUALITY

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 255  
VICTORIA, TEXAS  
1 MAY 2045 GMT 1982

183 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 WIND GM/SEC	RH PCT	RANGE KM	AZ DG
0 4	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 9	6 6	157 1	1000 0	26 5	15 0	89 7	5 6	-5 6	0 2	299 7	328 7	10 8	40 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	808 3	950 0	21 6	12 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	18 9	12 5	88 9	4 9	-4 9	-0 1	298 9	325 2	10 2	75 3	0 8	271
3 2	19 3	1311 9	875 0	14 3	11 4	98 7	5 2	-5 2	0 5	298 7	324 9	9 8	82 8	1 0	271
3 7	21 9	1558 7	850 0	12 2	10 9	106 2	5 4	-4 9	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	272
5 1	27 1	2062 4	800 0	8 0	7 2	118 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	5 3	5 7	127 3	7 1	-6 7	2 8	300 6	322 0	7 4	95 6	2 1	282
7 3	32 4	2593 5	750 0	5 3	4 5	107 3	7 1	-6 8	2 7	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	95 6	2 1	282
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	94 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	94 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	93 9	3 4	290
12 4	46 4	4060 0	625 0	-3 1	-6 5	164 6	1 3	-1 1	-0 7	308 9	320 1	3 8	93 1	3 4	290
13 4	49 4	4382 2	600 0	-4 9	-12 2	172 4	1 1	3 5	-3 2	310 5	320 1	3 3	91 6	3 4	289
14 6	52 3	4718 5	575 0	-6 3	-18 2	185 3	7 2	5 5	-3 1	312 7	317 3	1 5	85 2	2 8	287
15 8	55 4	5063 0	550 0	-8 3	-25 3	193 4	6 3	5 8	-2 5	314 2	317 2	0 6	75 4	2 3	286
16 9	58 4	5422 4	525 0	-10 3	-31 5	207 3	6 0	5 3	-4 0	316 1	317 9	0 5	65 5	1 9	282
18 1	61 5	5797 4	500 0	-11 7	-38 8	210 0	8 4	6 5	-5 4	317 8	321 3	0 7	55 7	1 5	273
19 4	64 8	6188 9	475 0	-13 9	-46 1	219 9	9 9	9 9	9 9	320 8	324 8	0 7	43 9	0 9	248
20 7	68 0	6596 8	450 0	-17 1	-54 3	229 9	9 9	9 9	9 9	321 8	324 2	0 4	31 4	0 9	248
22 3	71 4	7023 4	425 0	-20 2	-62 6	239 9	9 9	9 9	9 9	323 0	325 9	0 4	19 9	0 9	248
23 7	74 7	7470 0	400 0	-22 9	-70 9	249 9	9 9	9 9	9 9	325 2	325 9	0 2	13 3	0 9	248
25 3	78 3	7940 1	375 0	-26 3	-78 3	259 9	13 6	12 4	-5 6	326 8	327 4	0 2	13 2	0 9	248
26 8	81 9	8435 0	350 0	-30 0	-86 6	269 9	14 8	13 7	-5 8	328 3	328 7	0 1	12 7	4 5	118
28 5	85 7	8958 1	325 0	-34 5	-94 9	279 9	16 1	16 1	-5 2	329 2	329 5	0 1	12 6	7 6	116
30 2	89 7	9512 1	300 0	-39 1	-103 2	289 9	17 6	17 5	-5 2	331 4	330 5	0 1	99 9	9 4	113
32 0	92 7	10102 4	275 0	-44 0	-111 6	299 9	18 8	18 8	-5 2	333 4	330 9	0 1	99 9	11 7	113
34 1	96 0	10735 0	250 0	-48 9	-120 0	309 9	21 0	20 4	-5 2	337 4	330 9	0 1	99 9	14 7	110
36 3	102 6	11420 6	225 0	-53 2	-128 3	319 9	23 6	22 6	-6 0	342 9	330 9	0 1	99 9	18 4	109
38 9	107 5	12173 1	200 0	-58 7	-136 6	329 9	24 9	23 9	-7 0	342 9	330 9	0 1	99 9	22 7	109
41 7	112 8	13010 0	175 0	-60 5	-144 9	339 9	26 5	26 5	-8 0	350 0	330 9	0 1	99 9	28 6	109
45 0	118 7	13973 0	150 0	-60 1	-153 2	349 9	27 9	28 1	-10 0	368 6	330 9	0 1	99 9	34 3	109
48 9	125 2	15104 8	125 0	-62 1	-161 6	359 9	28 1	28 1	-7 9	382 6	330 9	0 1	99 9	39 5	109
53 5	132 7	16472 1	100 0	-64 7	-170 0	369 9	17 6	17 6	-2 6	402 8	330 9	0 1	99 9	44 6	108
58 2	141 3	18236 4	75 0	-63 4	-178 3	379 9	9 2	9 2	-2 6	440 0	330 9	0 1	99 9	46 7	107
67 1	151 5	20743 3	50 0	-60 5	-186 6	389 9	2 9	1 3	-2 6	500 9	330 9	0 1	99 9	46 7	107
79 7	162 7	25218 1	25 0	-48 1	-194 9	399 9	4 5	4 1	-3 9	646 7	330 9	0 1	99 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



STATION NO. 456  
TOPEKA, KANSAS

1 MAY 1982  
2000 GMT

157 2C 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT CG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KC	RH PCT	RANCF KM	AZ DG
0.0	1.5	299.0	992.1	17.2	9.4	300.0	2.1	1.8	-1.0	291.0	310.7	7.5	60.0	0.0	0.0
0.6	99.3	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.4	11.9	416.7	975.0	16.6	6.0	999.9	99.9	99.9	99.9	291.9	309.0	6.4	52.6	999.9	999.9
2.3	14.6	236.6	950.0	14.2	6.3	999.9	99.9	99.9	99.9	291.6	308.4	6.3	58.9	999.9	999.9
3.3	17.2	861.0	925.0	12.0	4.4	999.9	99.9	99.9	99.9	291.6	307.4	5.9	61.8	999.9	999.9
4.2	19.9	1090.1	900.0	10.3	4.4	999.9	99.9	99.9	99.9	292.3	307.5	5.9	67.1	999.9	999.9
5.1	22.6	1323.8	875.0	8.2	3.5	999.9	99.9	99.9	99.9	292.6	307.5	5.6	72.4	999.9	999.9
6.0	25.3	1562.0	850.0	6.1	2.6	999.9	99.9	99.9	99.9	292.6	307.5	5.6	77.4	999.9	999.9
7.7	30.9	1805.3	825.0	4.0	1.8	999.9	99.9	99.9	99.9	293.2	307.0	5.1	82.4	999.9	999.9
8.6	33.7	2054.5	800.0	1.9	0.8	999.9	99.9	99.9	99.9	293.2	307.0	5.1	87.4	999.9	999.9
9.5	36.4	2311.9	775.0	0.6	-1.1	999.9	99.9	99.9	99.9	293.2	307.0	5.1	92.4	999.9	999.9
10.5	39.4	2580.2	750.0	0.6	-1.4	999.9	99.9	99.9	99.9	293.2	307.0	5.1	97.4	999.9	999.9
11.5	42.3	2856.7	725.0	0.6	-1.5	999.9	99.9	99.9	99.9	293.2	307.0	5.1	102.4	999.9	999.9
12.6	45.3	3141.3	700.0	0.6	-1.7	999.9	99.9	99.9	99.9	293.2	307.0	5.1	107.4	999.9	999.9
13.7	48.3	3434.7	675.0	0.6	-1.8	999.9	99.9	99.9	99.9	293.2	307.0	5.1	112.4	999.9	999.9
14.8	51.3	3737.3	650.0	0.6	-2.0	999.9	99.9	99.9	99.9	293.2	307.0	5.1	117.4	999.9	999.9
15.9	54.4	4049.3	625.0	0.6	-2.1	999.9	99.9	99.9	99.9	293.2	307.0	5.1	122.4	999.9	999.9
17.1	57.5	4371.5	600.0	0.6	-2.4	999.9	99.9	99.9	99.9	293.2	307.0	5.1	127.4	999.9	999.9
18.4	60.8	4704.5	575.0	0.6	-2.5	999.9	99.9	99.9	99.9	293.2	307.0	5.1	132.4	999.9	999.9
19.6	64.0	5048.6	550.0	0.6	-2.7	999.9	99.9	99.9	99.9	293.2	307.0	5.1	137.4	999.9	999.9
21.0	67.4	5405.1	525.0	0.6	-2.9	999.9	99.9	99.9	99.9	293.2	307.0	5.1	142.4	999.9	999.9
22.4	70.8	5775.3	500.0	0.6	-3.1	999.9	99.9	99.9	99.9	293.2	307.0	5.1	147.4	999.9	999.9
23.8	74.3	6160.4	475.0	0.6	-3.3	999.9	99.9	99.9	99.9	293.2	307.0	5.1	152.4	999.9	999.9
25.5	78.0	6561.5	450.0	0.6	-3.5	999.9	99.9	99.9	99.9	293.2	307.0	5.1	157.4	999.9	999.9
27.1	81.7	6979.8	425.0	0.6	-3.6	999.9	99.9	99.9	99.9	293.2	307.0	5.1	162.4	999.9	999.9
28.9	85.5	7417.8	400.0	0.6	-3.8	999.9	99.9	99.9	99.9	293.2	307.0	5.1	167.4	999.9	999.9
30.9	89.5	7877.6	375.0	0.6	-4.0	999.9	99.9	99.9	99.9	293.2	307.0	5.1	172.4	999.9	999.9
32.9	93.6	8362.1	350.0	0.6	-4.1	999.9	99.9	99.9	99.9	293.2	307.0	5.1	177.4	999.9	999.9
35.2	98.0	8874.3	325.0	0.6	-4.3	999.9	99.9	99.9	99.9	293.2	307.0	5.1	182.4	999.9	999.9
37.4	102.4	9418.0	300.0	0.6	-4.4	999.9	99.9	99.9	99.9	293.2	307.0	5.1	187.4	999.9	999.9
39.8	107.2	10022.3	275.0	0.6	-4.7	999.9	99.9	99.9	99.9	293.2	307.0	5.1	192.4	999.9	999.9
42.3	112.6	11294.8	250.0	0.6	-4.9	999.9	99.9	99.9	99.9	293.2	307.0	5.1	197.4	999.9	999.9
45.3	117.6	12031.1	225.0	0.6	-5.1	999.9	99.9	99.9	99.9	293.2	307.0	5.1	202.4	999.9	999.9
48.8	123.5	12857.1	200.0	0.6	-5.2	999.9	99.9	99.9	99.9	293.2	307.0	5.1	207.4	999.9	999.9
52.6	129.7	13818.2	175.0	0.6	-5.4	999.9	99.9	99.9	99.9	293.2	307.0	5.1	212.4	999.9	999.9
57.4	136.7	14957.7	150.0	0.6	-5.5	999.9	99.9	99.9	99.9	293.2	307.0	5.1	217.4	999.9	999.9
63.3	144.3	16357.7	125.0	0.6	-5.7	999.9	99.9	99.9	99.9	293.2	307.0	5.1	222.4	999.9	999.9
70.3	152.7	18173.3	100.0	0.6	-5.7	999.9	99.9	99.9	99.9	293.2	307.0	5.1	227.4	999.9	999.9
84.0	161.3	20753.0	75.0	0.6	-5.4	999.9	99.9	99.9	99.9	293.2	307.0	5.1	232.4	999.9	999.9
		25230.1	50.0	0.6	-4.9	999.9	99.9	99.9	99.9	293.2	307.0	5.1	237.4	999.9	999.9
			25.0	0.6	-4.9	999.9	99.9	99.9	99.9	293.2	307.0	5.1	242.4	999.9	999.9

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

ORIGINAL PAGE 19  
 OF POOR QUALITY

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO 553  
OMAHA, NEBRASKA  
1 MAY 1115 GMT 1982

TIME MIN	GMTCT	HEIGHT G.M.	PRES. MC	TEMP DG C	DEW PT DG C	DIR °G	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	E Z CG
00	00	400	976	7.2	5.8	330	2	1	-1.8	282	297	0	91	0	0
00	00	99	1000	9.9	9.9	99	9	9	99	99	99	9	99	9	99
00	00	412	975	7.7	5.8	99	9	9	99	282	298	9	88	9	99
00	00	629	950	12.1	5.7	99	9	9	99	282	298	1	88	1	99
00	00	852	925	10.8	3.8	99	9	9	99	289	305	5	84	7	99
00	00	1060	900	8.5	2.4	99	9	9	99	290	304	9	82	2	99
00	00	1312	875	6.8	1.4	99	9	9	99	290	303	9	85	4	122
00	00	1550	850	4.8	-0.3	99	9	9	99	290	304	9	88	2	99
00	00	1793	825	3.0	-2.5	99	9	9	99	291	303	2	89	3	99
00	00	2042	800	1.2	-4.8	99	9	9	99	291	302	4	87	5	99
00	00	2289	775	0.0	-8.0	99	9	9	99	297	309	9	99	9	99
00	00	2565	750	3.2	-17.7	99	9	9	99	300	303	9	99	9	99
00	00	2839	725	1.3	-18.7	99	9	9	99	300	304	5	99	9	99
00	00	3120	700	0.0	-18.7	99	9	9	99	302	306	1	20	8	99
00	00	3411	675	0.4	-20.1	99	9	9	99	305	308	7	20	9	99
00	00	3712	650	-2.6	-22.0	99	9	9	99	305	309	0	22	7	99
00	00	4021	625	-4.9	-23.0	99	9	9	99	308	312	1	24	7	99
00	00	4341	600	-6.5	-24.8	99	9	9	99	310	312	9	25	3	99
00	00	4673	575	-8.5	-26.5	99	9	9	99	311	314	0	25	8	99
00	00	5016	550	-10.7	-29.2	99	9	9	99	312	314	2	25	4	99
00	00	5372	525	-13.7	-31.7	99	9	9	99	312	314	1	26	3	99
00	00	5740	500	-17.0	-34.8	99	9	9	99	313	314	9	24	8	99
00	00	6123	475	-19.8	-37.9	99	9	9	99	315	318	3	26	5	99
00	00	6523	450	-22.4	-38.3	99	9	9	99	316	318	0	24	8	99
00	00	6940	425	-25.0	-39.3	99	9	9	99	317	318	8	24	0	99
00	00	7377	400	-28.6	-42.8	99	9	9	99	318	318	6	25	1	99
00	00	7836	375	-32.4	-45.6	99	9	9	99	320	320	8	25	3	99
00	00	8319	350	-35.9	-48.4	99	9	9	99	321	320	9	99	9	99
00	00	8830	325	-40.1	-49.9	99	9	9	99	322	322	3	99	9	99
00	00	9371	300	-44.8	-49.9	99	9	9	99	324	324	4	99	9	99
00	00	9948	275	-48.9	-49.9	99	9	9	99	324	324	4	99	9	99
00	00	10567	250	-53.5	-49.9	99	9	9	99	323	323	5	99	9	99
00	00	11237	225	-58.7	-49.9	99	9	9	99	323	323	5	99	9	99
00	00	11868	200	-63.4	-49.9	99	9	9	99	326	326	6	99	9	99
00	00	12761	175	-61.4	-49.9	99	9	9	99	348	348	7	99	9	99
00	00	13750	150	-58.9	-49.9	99	9	9	99	347	347	9	99	9	99
00	00	14891	125	-58.8	-49.9	99	9	9	99	366	366	9	99	9	99
00	00	16284	100	-59.0	-49.9	99	9	9	99	413	413	8	99	9	99
00	00	18101	75	-57.3	-49.9	99	9	9	99	452	452	8	99	9	99
00	00	20686	50	-56.5	-49.9	99	9	9	99	510	510	5	99	9	99
00	00	25147	25	-53.2	-49.9	99	9	9	99	632	632	1	99	9	99

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