

**PROJECT 10073 RECORD CARD**

<b>1. DATE</b> 29 Jul 62	<b>2. LOCATION</b> Ocean Springs, Mississippi		<b>12. CONCLUSIONS</b> <input type="checkbox"/> Was Balloon <input type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon
<b>3. DATE-TIME GROUP</b> Local _____ GMT 30/0520Z	<b>4. TYPE OF OBSERVATION</b> <input checked="" type="checkbox"/> Ground-Visual <input type="checkbox"/> Ground-Radar <input type="checkbox"/> Air-Visual <input type="checkbox"/> Air-Intercept Radar		<input type="checkbox"/> Was Aircraft <input type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft
<b>5. PHOTOS</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>6. SOURCE</b> civilian		<input type="checkbox"/> Was Astronomical <input type="checkbox"/> Probably Astronomical <input type="checkbox"/> Possibly Astronomical
<b>7. LENGTH OF OBSERVATION</b> 10 minutes	<b>8. NUMBER OF OBJECTS</b> one	<b>9. COURSE</b> erratic	<input type="checkbox"/> Other <u>UNIDENTIFIED</u> <input type="checkbox"/> Insufficient Data for Evaluation <input checked="" type="checkbox"/> Unknown
<b>10. BRIEF SUMMARY OF SIGHTING</b> Diamond shaped, sometimes triangular in shape. Obj observed performing intricate maneuvers. Size of red painted T-29 nose at 1500 ft. No sound. Initial observation at estimated 2000 ft alt over tree about 300 ft high. Obj at 40 dgr above horizon. Azimuth 115 dgr. Obj disappeared at 8 dgr elev, 65 dgr azimuth. Appeared low at all times erratic motion including stationary position. Total observation 10 minutes.		<b>11. COMMENTS</b> UNIDENTIFIED	



DATA BLOCK A

Constant Pressure Blocks

WB Form 510 1AA (Revised 4-1-57)

WBAN-31A

U.S. DEPARTMENT OF COMMERCE  
WEATHER BUREAU

ADIABATIC CHART

Pilot Class	Type of ascent	Level No.	PRESSURE		TEMPERATURE		REL. HUM.		DEW POINT °C	Altitude of Significant Levels or Remarks
			Contact	ms	Ordnate	Ascend °C	Ordnate	Including Corr. in %		
86	D	1		1018		28.3		79	24.3	3
		2	95.0	711	67.3	17.5	82.2	78		7640
		3	81.0	782	63.5	13.9	78.6	73		
11		4	66.0	676	59.2	7.6	42.5	47	-7.6	
22		5	47.0	567	56.5	-1.7	76.0	78	-5.0	
		6	48.4	500	53.8	-6.4	51.0	56		
30		7	53.0	257	51.0	-6.9	25.0	67	-14.9	
47		8	56.0	233	49.6	-12.8	27.0	49	-20.7	
54		9	59.0	217	46.7	-13.9	48.2	60	-21.9	7450
		10								
		11								
		12								
		13								
		14								
		15								

40309	76.7	-17.1
67731	55	-22.2
0250	78.8	5

6730	-16.4
61	
78	4

5094	15.29	-6.0
56636	36	-13.7
00102	6	-3

5180	-2.9
72	
75	1

670	5.0
70	
70	1

70450	52.24	8.6
05014	60	1.3
0787	70	4

2640	11.8
11	
175	3

1100	
7104	15.0
75	
166	4

85520	15.61	17.9
17149	78	14.0
01826	178	4

192	21.2
71	
140	3

620	24.4
77	
210	4

11053	11.2	22.3
77221	79	23.3
02508	225	4

111	28.3
77	24.3
240	7

PUNCHED CARD No. 4

PUNCHED CARD No. 3

PUNCHED CARD No. 2

PUNCHED CARD No. 1

BASELINE CHECK READINGS

Time CCT	Ordnate	TEMPERATURE	
		Dry	Wet
1040	72.8		25.4

RELATIVE HUMIDITY

Ordnate	Reob %	Corr %	Psychrometer
			Ice
51.7	68	1.1	Water 65

CODED MESSAGE FOR TRANSMISSION

22L	11053	17731	02308	25520
1747	01808	70058	08014	01707
0250	56636	00102	26509	67731
0350	30146	6281	53311	26509
5207	00913	20054	01110	00710
15672	19002	20112	10444	27872
00517				

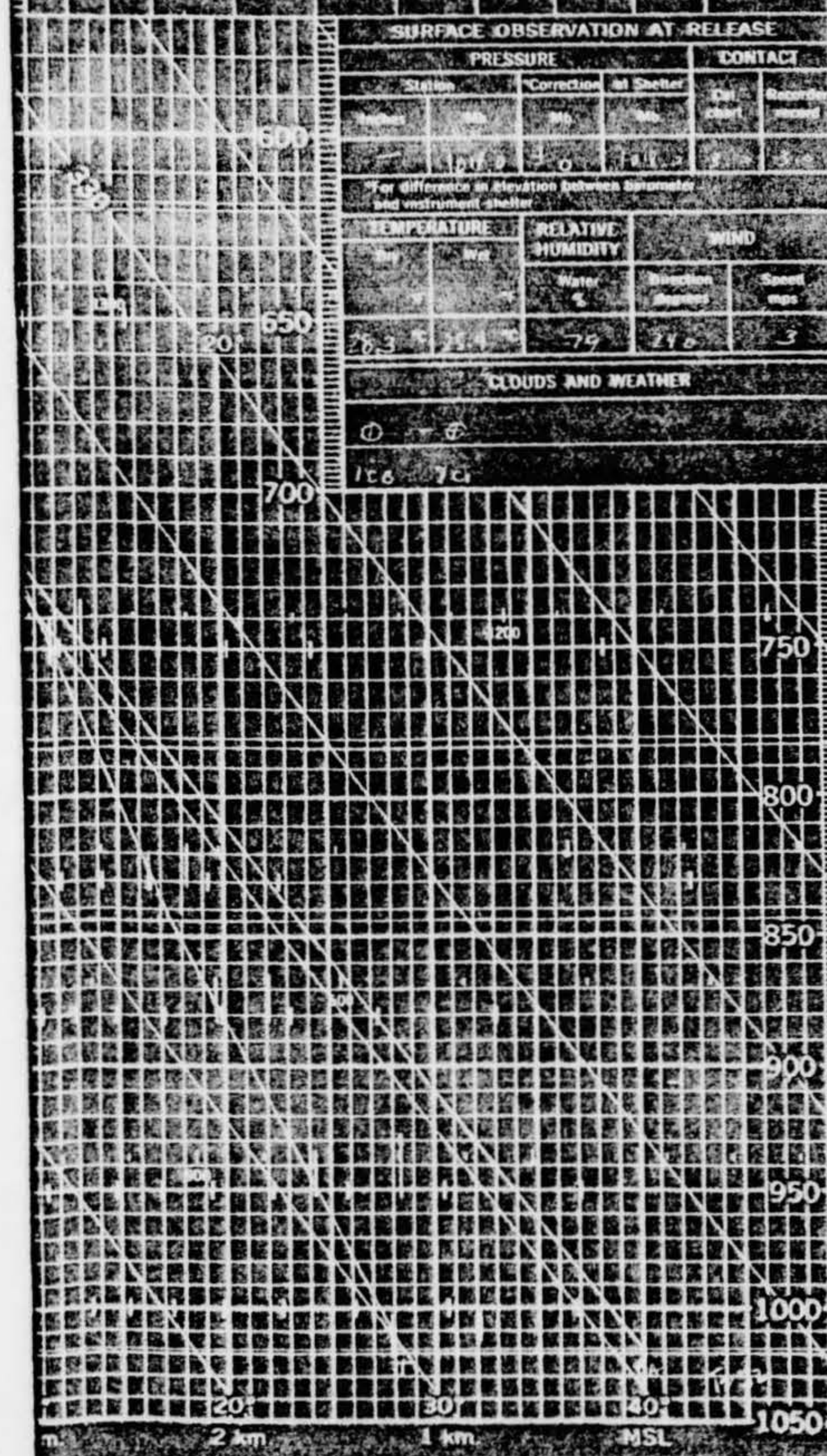
REMARKS

SURFACE OBSERVATION AT RELEASE

PRESSURE				CONTACT	
Station	Correction	at Surface		at	Remarks

TEMPERATURE		RELATIVE HUMIDITY		WIND	
Surf	Wet	Water %	Wet %	Direction	Speed
28.3	17.5	79	21.0		3

CLOUDS AND WEATHER	
0	70



LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD	
300ms	Altitude (gpm)	Temperature (°C)
374 1/2	Relative Humidity (%)	Dew Point (°C)
D&R	Direction (degrees)	Wind Speed (knts)

LEGEND FOR PLOTTED CURVES

PA - Pressure - Altitude  
T - Temperature (°C)  
RH - Relative Humidity (%)

Drawn by R. S. G. T. S.

Verified by S. A. S. I. M. S.

Inspected by

DATE AND RELEASE TIME

90	1962	JUL	29	01
CCT	1962	JUL	29	21

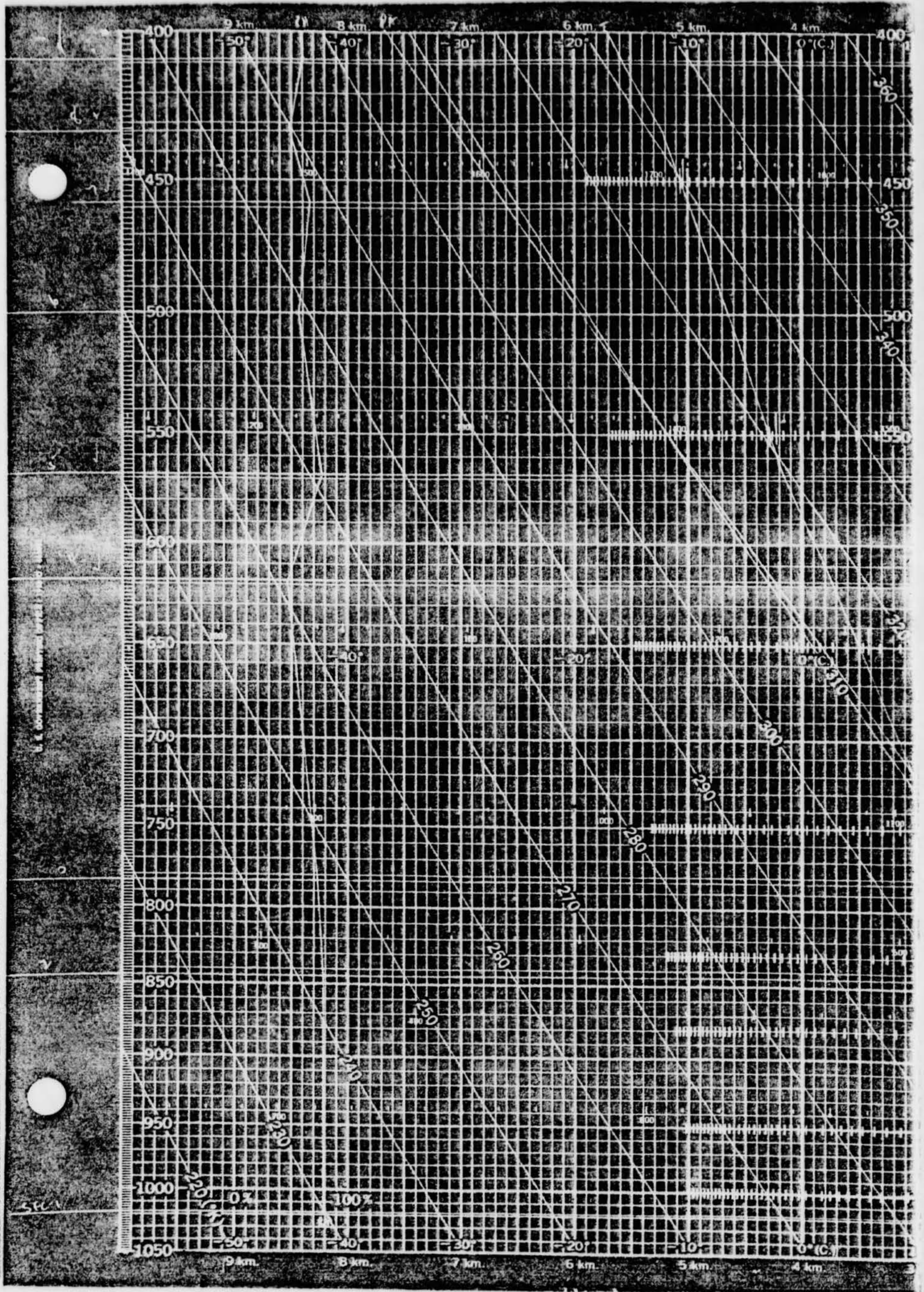
Reference No. 7009022

Station **BURRWOOD, LOUISIANA**

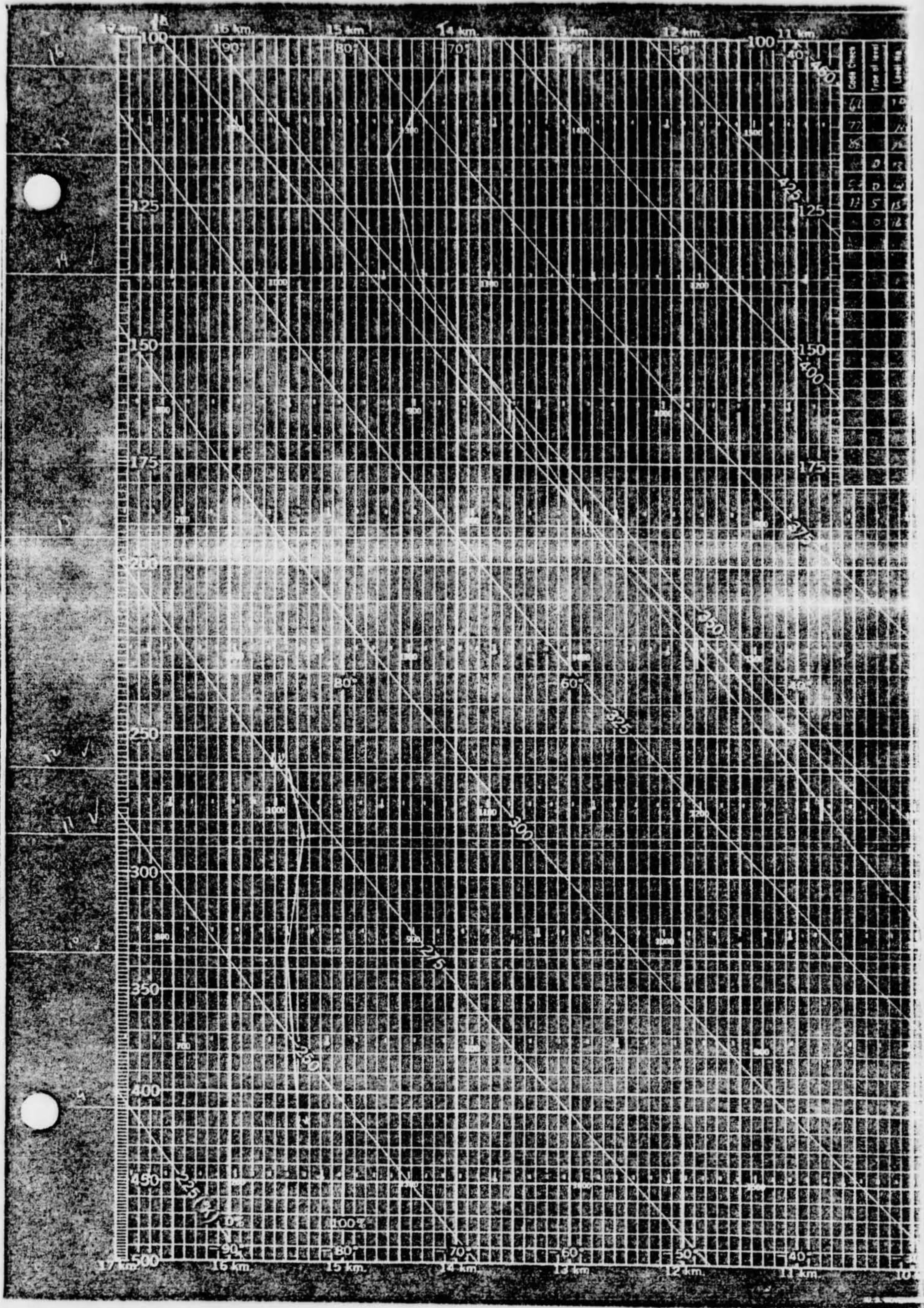
**28° 58' N 89° 23' W**

Prepared by the Coast and Geodetic Survey, Washington, D.C.











DATA BLOCK B

Constant Pressure Blocks

FD-8 Form 510-445 (Revised 4-1-59)

WBAN 31B

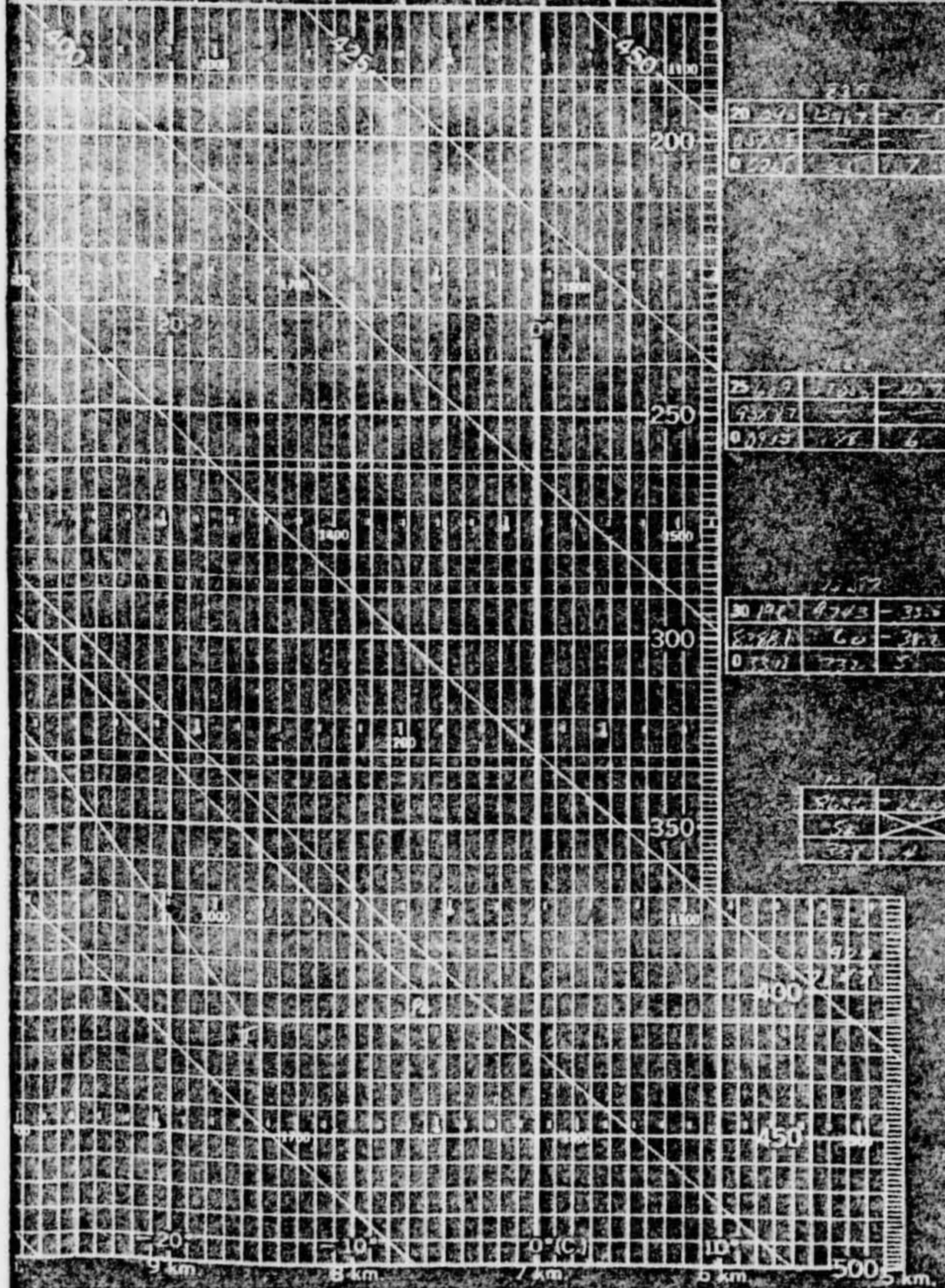
PRESSURE		TEMPERATURE				REL HUM		DEW POINT	Altitude of significant level, or Remarks
mb	mb	Observed	Corrected	Direction	Corrected	Observed	Incl. Dwy. of 0%		
98	73	28.0	26.3			25.7	52	38.2	
80	55	23.5	21.5			22.0	61	39.4	
60	38	19.8	19.0			14.0	52	46.1	
40	25	17.3	17.1					12680	
20	18	15.1	14.9					14780	
10	14	13.5	13.3					16720	
5	11	12.8	12.6					16400	

1005.1	16.614	-71.2
1008.2		
00817	71	8

U.S. DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
**ADIABATIC CHART**

Solar Radiation Corrections for Rank Temperatures

- Time, LST, of termination if between 300 and 151 mb, or at 150 mb, if terminating pressure 150 mb. or less
- Time, LST, of 80 mb, if reached
- Time, LST, at 70 mb, if reached
- Correction for TST
- Time, TST, algebraic sum of (1) & (4)
- Time, TST, algebraic sum of (2) & (4)
- Time, TST, algebraic sum of (3) & (4)
- Difference between (5) and Solar Noon
- Difference between (6) and Solar Noon
- Difference between (7) and Solar Noon
- Elevation angle of Sun for (8)
- Elevation angle of Sun for (9)
- Elevation angle of Sun for (10)
- a. Elapsed time from 150 to 80 mb, or to termination if between these levels
  - b. Elapsed time from 60 to...
    - 10 to... mb.
    - 20 to... mb.
    - 30 to... mb.
    - 40 to... mb.
    - 50 to... mb.
- a. Ascensional rate corresponding to (14a)
  - (14b)
  - (14c)
  - (14d)
  - (14e)



PUNCHED CARD No. 5  
PUNCHED CARD No. 3  
PUNCHED CARD No. 4

15.573	14.74	-69.2
15.812		
0.0172	8	6

15.812	14.74	-69.2
0.0172	8	6

20.073	15.17	-70.7
20.212		
0.0172	8	6

25.619	15.61	-72.2
25.757		
0.0172	8	6

30.126	16.03	-73.5
30.264	62	-39.2
0.0172	73	5

35.764	16.48	-74.8
35.902		
0.0172	73	5

CODED MESSAGE FOR TRANSMISSION

2304 0122 1474 0102 0055  
 1005 16.61 4 -71.2  
 1008 23.5 21.5  
 60 38 19.8 19.0  
 40 25 17.3 17.1  
 20 18 15.1 14.9  
 10 14 13.5 13.3  
 5 11 12.8 12.6  
 1995 11 21 01090

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED		DATA AS ENTERED ON PUNCHED CARD		
DOSH	Altitude (gpm)	Temperature (°C)		
T1, T2, T3	Relative Humidity (%)	Dew Point (°C)		
Diff	Direction (degrees)	Wind Speed (knots)		

LEGEND FOR PLOTTED CURVES

PA - Pressure (Altitude) (Revised report)  
 T - Temperature (°C)  
 RH - Relative Humidity (%)

Drawn by

Verified by *JRS:ms*

Inspected by

DATE AND RELEASE TIME

Year	Month	Day	Time	Zone
1962	JUL	23	09	00Z
1962	JUL	23	11	00Z

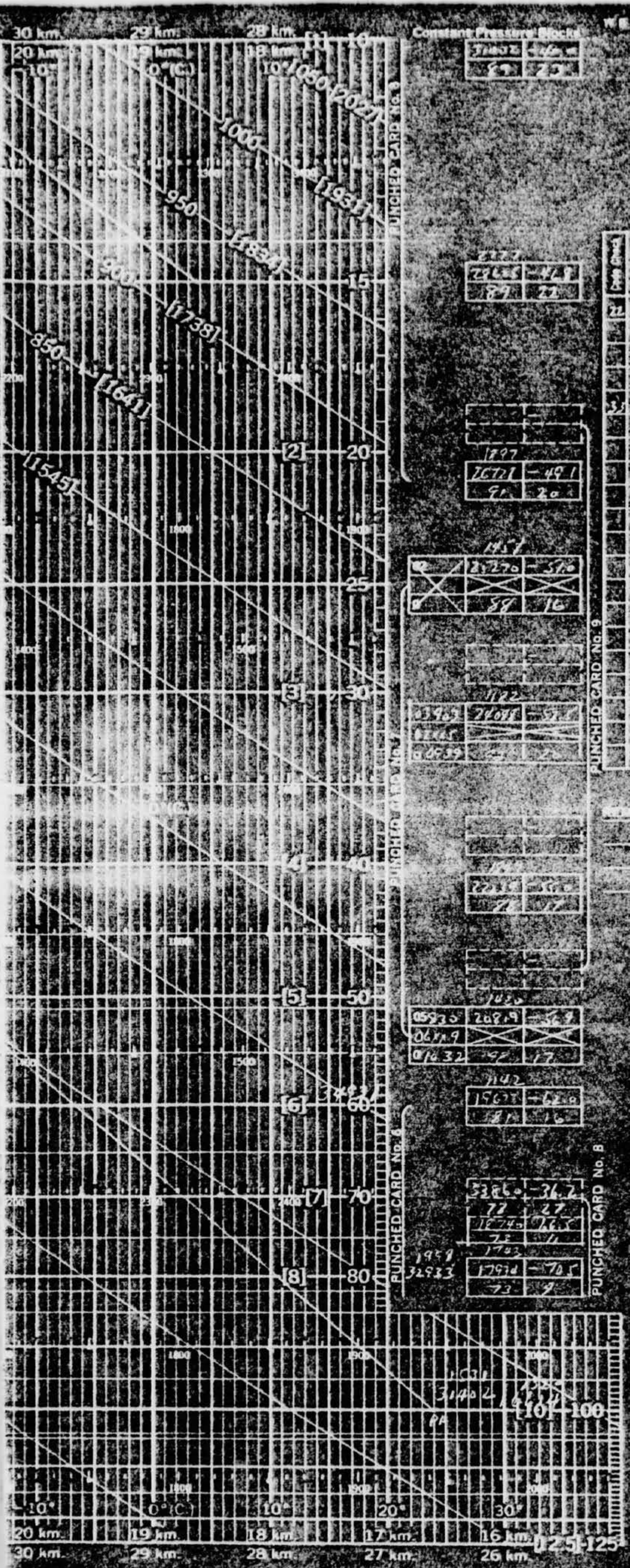
Reference No. J... Station No. 434

Station  
**BURRWOOD, LOUISIANA**

Lat  
**28° 58' N    89° 23' W**

Prepared by the Coast and Geodetic Survey, Washington, D.C. 20557





WEAN-31C  
 U.S. DEPARTMENT OF COMMERCE  
 WEATHER BUREAU  
**ADIABATIC CHART**

Constant Pressure Blocks

21832	366
87	22

DATA BLOCK C

Crib Check	Type of level	Level No.	PRESSURE		TEMPERATURE		Station
			Observed	Red.	Actual	Corrected	
22	17	119.6	82	10.4	-7.2		
0	18	135.0	51	17.8	-5.1		1065.0
	19	179.0	25	21.2	-5.1		
	20	193.4	18	28.4	-4.2		
33	21	193.2	10	28.7	-4.0		316.2
0	22	147.0	6	32.8	-34.5		342.3

1797	
7677	-49.1
91	20

1897	
7677	-49.1
91	20

1457	
27270	-57.0
88	16

1172	
2373	21.08
1065	
0689	

1420	
2235	56.0
71	17

1420	
05230	208.9
06719	
07632	97
	17

142	
1967	-62.0
81	16

32860	-36.2
77	27
16740	16.5
75	11
1743	

1959	
32933	1797
	-70.5
	-73
	9

1071	
31404	17.1
107	100

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD	
OOmm	mm (gpm)	Temperature (C)
TTTdVr		
Oddf	mm (gpm)	Temperature (C)

LEGEND FOR PLOTTED CURVES  
 PA - Pressure  
 AT - Actual Temperature  
 TC - Temperature (C)

Drawn by: P. J. ...  
 Verified by: S. B. ...  
 Inspected by:

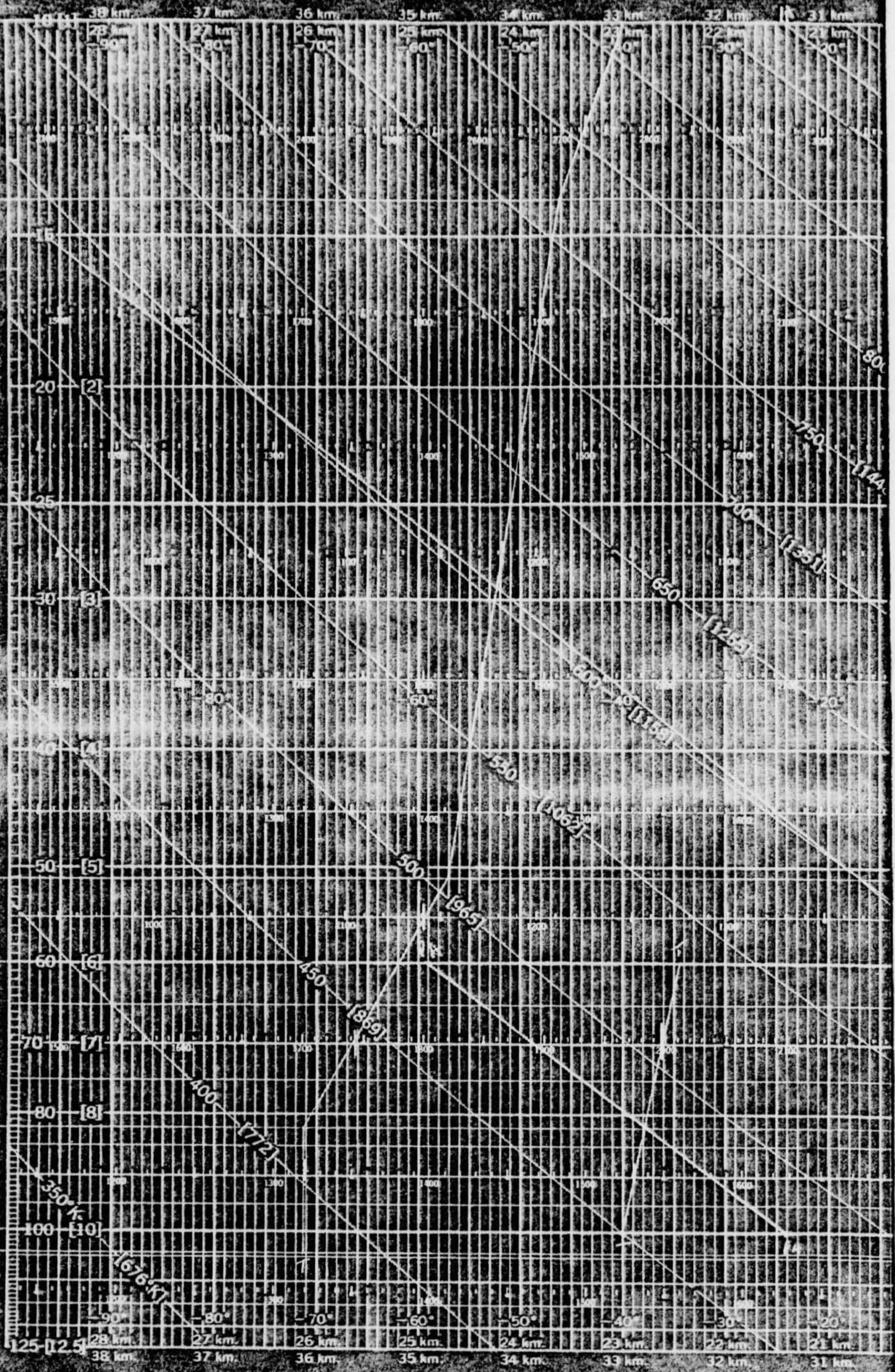
DATE AND RELEASE TIME

Year	Month	Day	Time
90	11 Mar	1962	JUL 29 06.02
601	1962	JUL 25	11 00

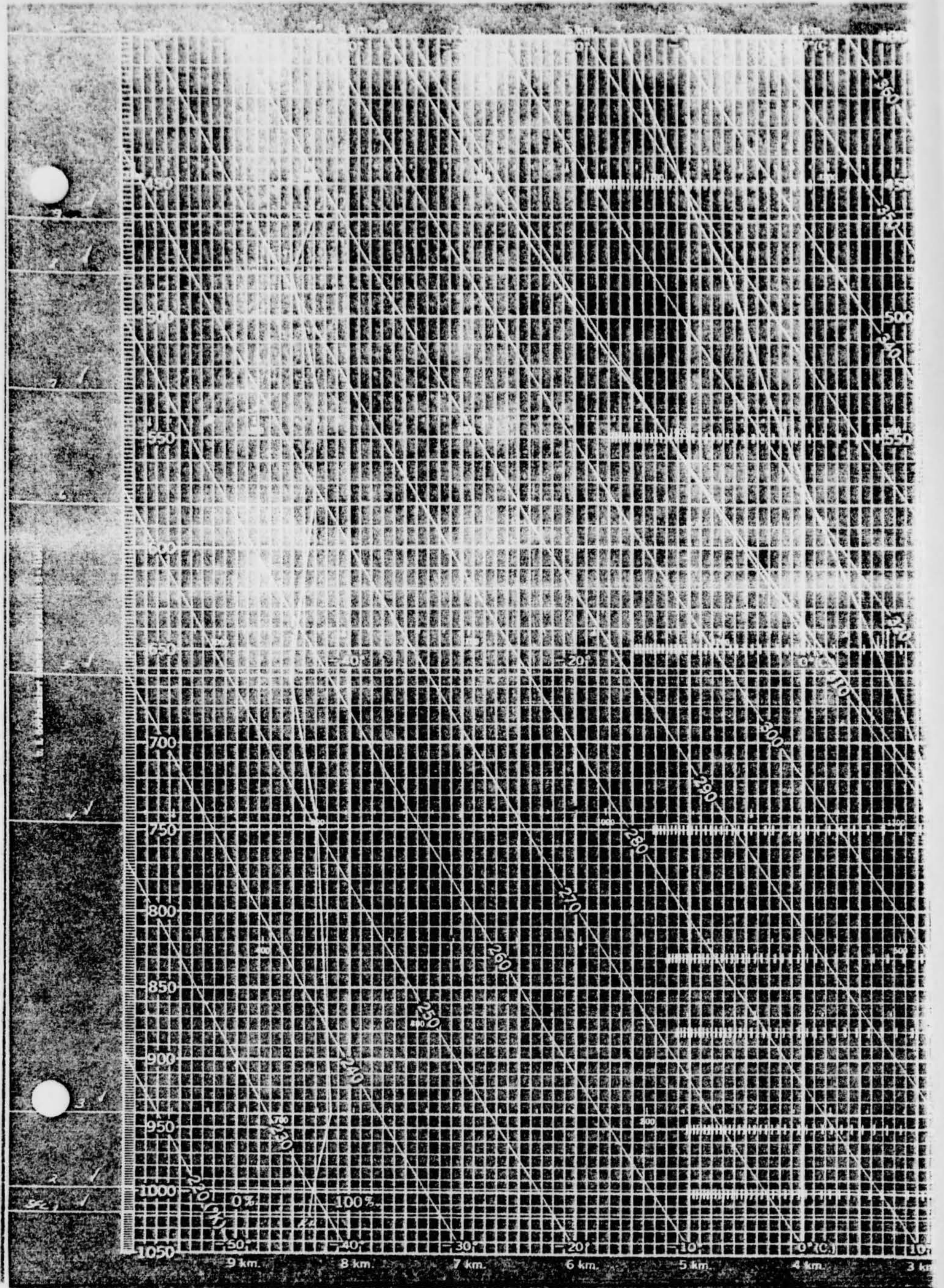
Radiosonde No. 711917 Receiver No. 721

Station: **BURRWOOD, LOUISIANA**  
 28° 58' N 89° 23' W  
 Prepared by the College and Government Printing Office, Washington, D.C. 1957











DATA BLOCK A

TIME	TEMPERATURE	REL. HUMIDITY	WIND	WIND DIR	WIND SPD	SEA	SWELL	WAVE DIR	WAVE SPD
01	27.0	75	10	100	10	1			
02	27.0	75	10	100	10	1			
03	27.0	75	10	100	10	1			
04	27.0	75	10	100	10	1			
05	27.0	75	10	100	10	1			
06	27.0	75	10	100	10	1			
07	27.0	75	10	100	10	1			
08	27.0	75	10	100	10	1			
09	27.0	75	10	100	10	1			
10	27.0	75	10	100	10	1			
11	27.0	75	10	100	10	1			
12	27.0	75	10	100	10	1			
13	27.0	75	10	100	10	1			
14	27.0	75	10	100	10	1			
15	27.0	75	10	100	10	1			

01	27.0	75	10
02	27.0	75	10
03	27.0	75	10

27.0	75	10
27.0	75	10
27.0	75	10

50449	5942	53
5421	31	23
03906	291	3

5180	214	
71		
34	3	

70557	5243	91
69871	31	20
03506	351	3

2630	213	
71		
4	4	

1123		
2100	264	
75		
10	3	

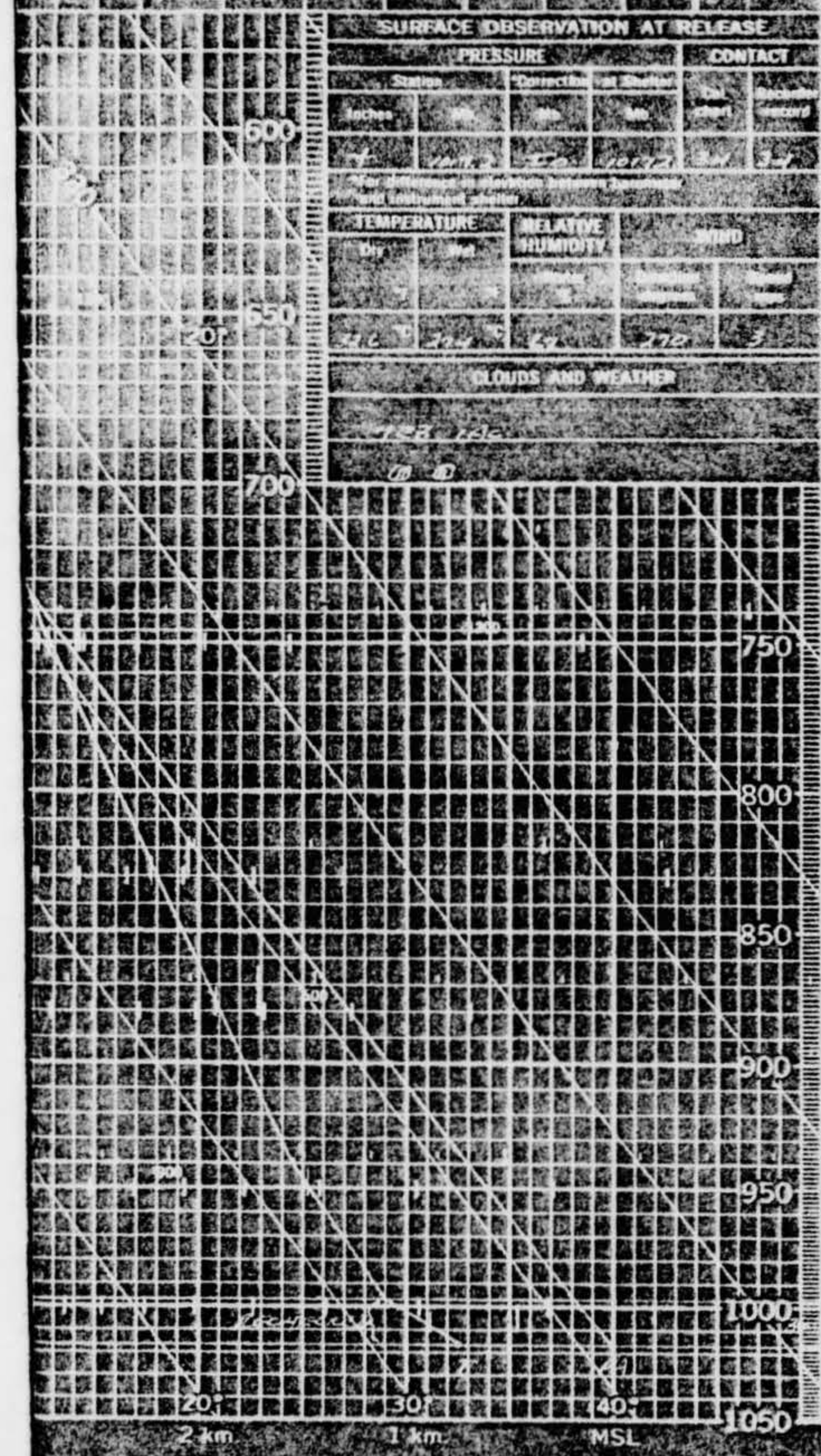
8557	1580	193
1952	71	154
03404	340	2

215	213	
21		
21		

615	253	
11		
210	3	

73057	156	296
59244	61	231
03706	265	3

1019	212	
67	257	
770	3	



U.S. DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
**ADIABATIC CHART**

BASELINE CHECK READINGS

Time	Barometer	Thermometer	Hygrometer
2235	753	32.3	77

Barometer	Thermometer	Hygrometer
753	32.3	77

CODED MESSAGE FOR TRANSMISSION

232	2301	0124	0106	0311
1952	0704	70657	0907	0714
50949	552	0206	1454	2463
03206	3045	283	0106	2512
90819	2870	2017	0513	0047
15693	119	00570	1047	2006
2811				
5555	0000	3125	1411	2416
07140	1416	5724	1000	0000
0756	5552	157	1000	0000

REMARKS

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS ENTERED ON FORMER CARD	
QDmm	Altitude (gpm)	Temperature (°C)
T1, 1, 1, 1	Relative Humidity (%)	Dew Point (°C)
DDMI	Direction (degrees)	Wind Speed (knots)

LEGEND FOR PLOTTED CURVES

PA - Pressure Altitude (assumed 1000)

T - Temperature (°C)      RH - Relative Humidity (%)

Drawn by *G.P.O. D. J. W. L.*

Verified by *D.P. LEMIN 5*

Inspected by

DATE AND RELEASE TIME

Year	Month	Day	Time
1962	JUL	29	1742
1962	JUL	29	1742

Station **BURRWOOD, LOUISIANA**

28° 58' N    89° 23' W

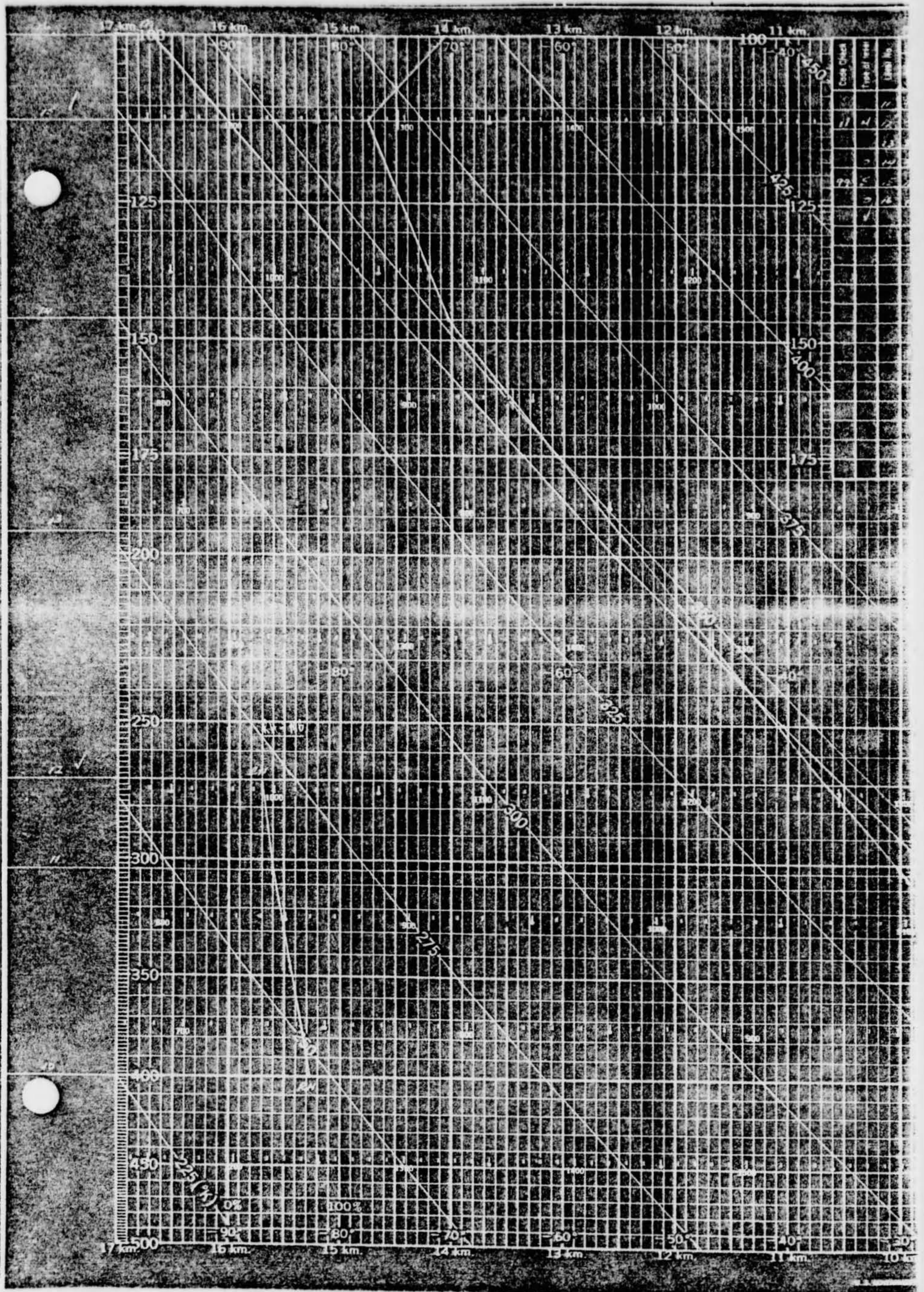
Prepared by the Coast and Geodetic Survey  
Washington D.C. 1957

PUNCHED CARD NO. 1

PUNCHED CARD NO. 2

PUNCHED CARD NO. 3







TIME	PRES.	TEMPERATURE				REL. HUM.		DEW POINT	Altitude of windshaft tower, or Remarks
		Observed	Screen	Correction	Correction	Observed	Including Cor. of $\pm 0.4$		
0	1000	32	28			70	30	10510	
1	975	30	26			70	30	10510	
2	950	28	24			70	30	10510	
3	925	26	22			70	30	10510	
4	900	24	20			70	30	10510	
5	875	22	18			70	30	10510	
6	850	20	16			70	30	10510	
7	825	18	14			70	30	10510	
8	800	16	12			70	30	10510	
9	775	14	10			70	30	10510	
10	750	12	8			70	30	10510	
11	725	10	6			70	30	10510	
12	700	8	4			70	30	10510	
13	675	6	2			70	30	10510	
14	650	4	0			70	30	10510	
15	625	2	-2			70	30	10510	
16	600	0	-4			70	30	10510	
17	575	-2	-6			70	30	10510	
18	550	-4	-8			70	30	10510	
19	525	-6	-10			70	30	10510	
20	500	-8	-12			70	30	10510	

Constant Pressure Blocks

10472	16225	-70.6
20886		
00816	81	8

1296		
15372	146	
58	8	

15473	1425	-63.7
20889		
00520	51	10

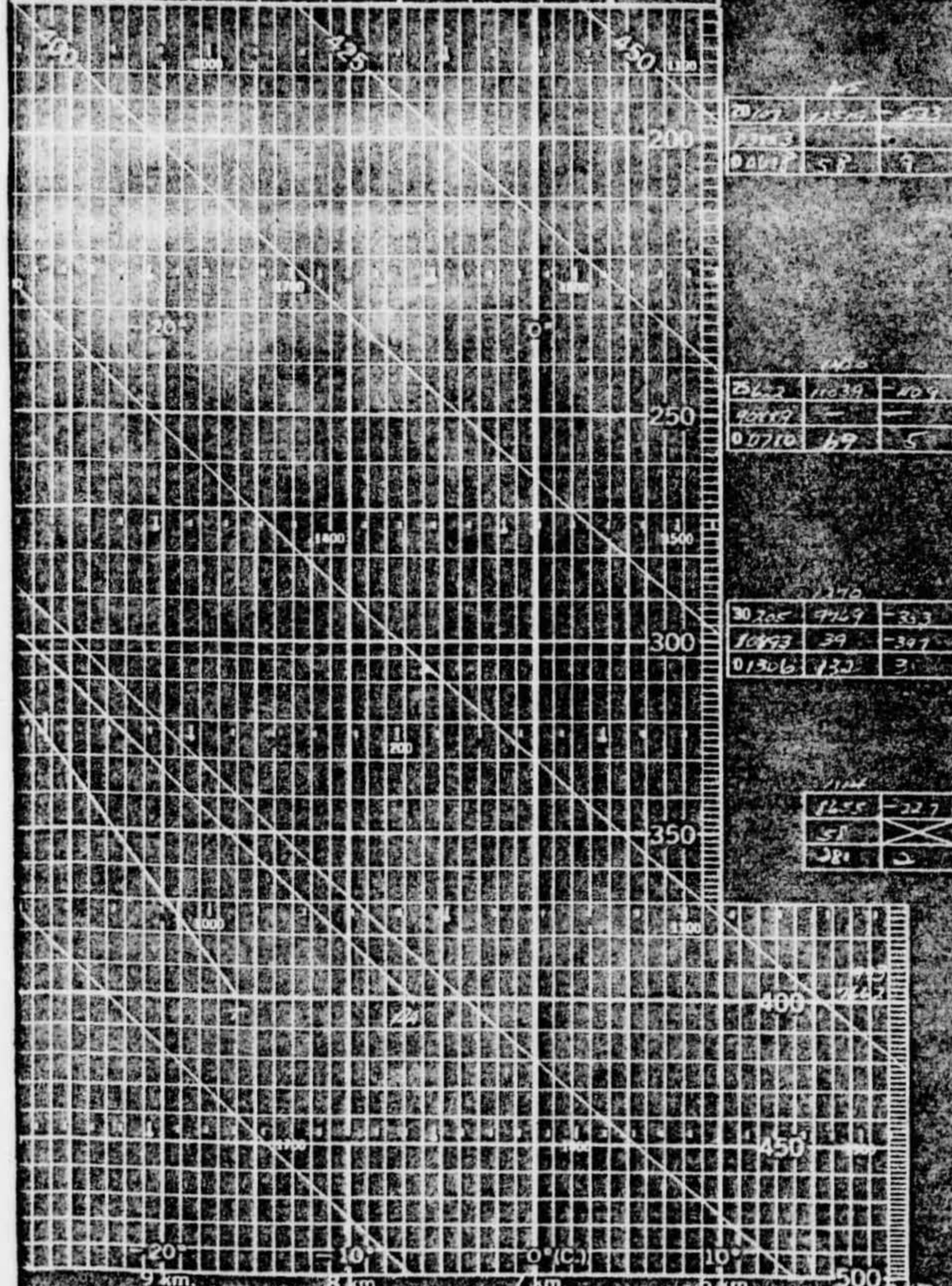
2204	-60.6	
40	10	

20107	12500	60.5
20883		
00817	58	7

2612	1039	70.7
20889		
00710	69	5

30205	7169	-33.3
10973	39	-39.7
01306	133	3

1255	-72.7	
51		
38		



PUNCHED CARD NO. 6

U.S. DEPARTMENT OF COMMERCE WEATHER BUREAU ADIABATIC CHART

Solar Radiation Corrections for Raob Temperatures

- Time, LST, of termination if between 200 and 151 mb, or at 150 mb, if barometric pressure 150 mb, or less
- Time, LST, at 80 mb, if reached
- Time, LST, at 20 mb, if reached
- Correction for TST
- Time, TST, algebraic sum of (1) & (4)
- Time, TST, algebraic sum of (2) & (4)
- Time, TST, algebraic sum of (3) & (4)
- Difference between (5) and Solar Noon
- Difference between (6) and Solar Noon
- Difference between (7) and Solar Noon
- Elevation angle of Sun for (8)
- Elevation angle of Sun for (9)
- Elevation angle of Sun for (10)
- a. Elapsed time from 150 to 80 mb, or to termination if between these levels  
b. Elapsed time from 80 to 20 mb  
c. Elapsed time from 20 to 10 mb  
d. Elapsed time from 10 to 5 mb
- a. Correction for (14a) corresponding to (14a)  
b. (14b)  
c. (14c)  
d. (14d)  
e. (14e)

CODED MESSAGE FOR TRANSMISSION

1000 1000 1000 1000 1000 1000  
 1000 1000 1000 1000 1000 1000  
 1000 1000 1000 1000 1000 1000  
 1000 1000 1000 1000 1000 1000

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD	
DDmm	Altitude (ppm)	Temperature (°C)
TTTTT	Relative Humidity (%)	Dew Point (°C)
DDmm	Direction (degrees)	Speed (knots)

LEGEND FOR PLOTTED CURVES

PA - Pressure - Adiabatic (isenthalpic surface)  
 T - Temperature (°C)      RH - Relative Humidity (%)

Drawn by: B.P. DANIELL  
 Verified by: D.P. CLEMENS  
 Inspected by:

DATE AND RELEASE TIME

Year	Month	Day	Time
1962	JUL	29	1000
1962	JUL	29	1000

Station: **BURRWOOD, LOUISIANA**  
 Lat: **28° 58' N**      Long: **89° 23' W**  
 Prepared by the Coast and Geodetic Survey, Washington, D. C., 1957



DATA PROCESSING DIVISION  
CLIMATIC CENTER, USAF  
Air Weather Service (MATS)  
Asheville, North Carolina

REPLY TO  
ATTN OF: CCDDP

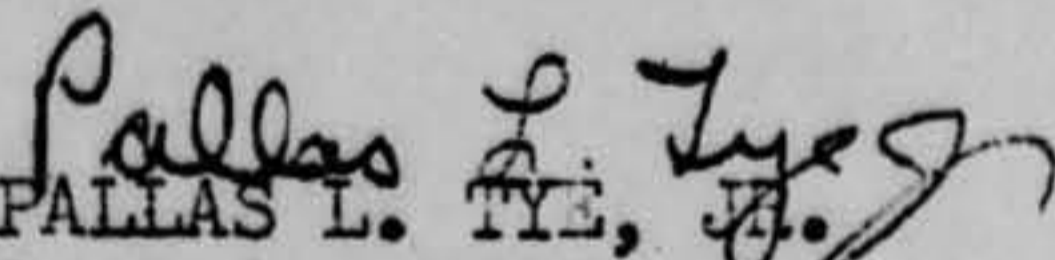
SUBJECT: Copies WBAN 31 - Keesler Vicinity

29 Aug 1962

TO: Aerospace Technical Intelligence Center  
Attn: Sgt. Moody  
Wright-Patterson AFB, Ohio

1. Reference: Your telephone call 0930 EST 28 Aug 1962.
2. We are sending photocopies of Adiabatic Charts (WBAN 31) for soundings taken at Burrwood, Louisiana on 29 through 31 July 1962. Burrwood is the closest station to Keesler AFB taking radiosonde observations.

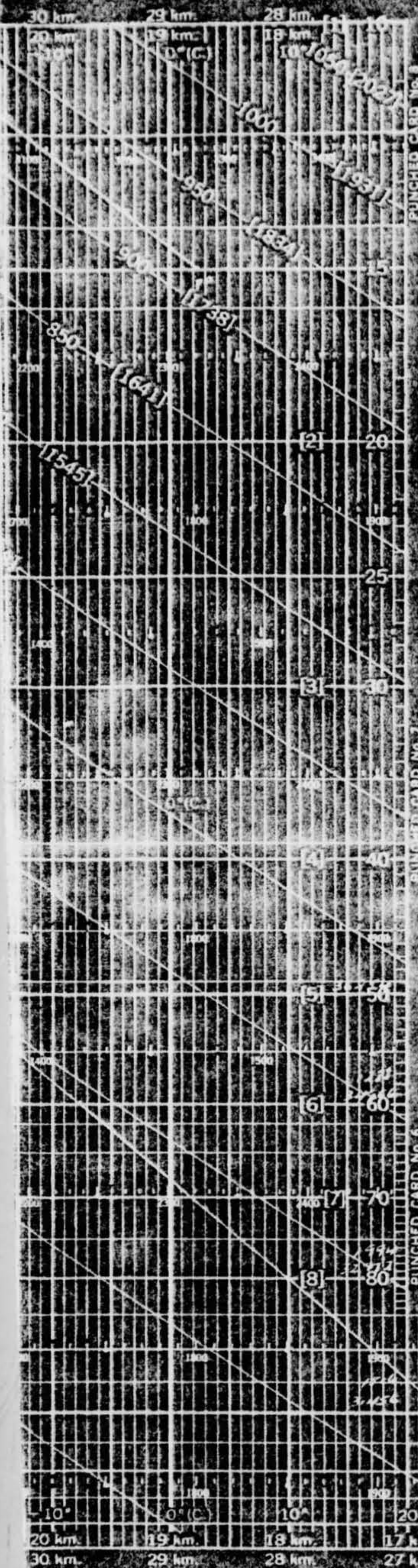
FOR THE DIRECTOR

  
PALLAS L. TYE, JR.  
Captain, USAF  
Administrative Officer

1 Atch  
Photocopies



U.S. DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
ADIABATIC CHART



Constant Pressure Blocks

Pressure	1000	950
Temp	10	15

Pressure	1000	950
Temp	10	15

Pressure	1000	950
Temp	10	15

Pressure	1000	950
Temp	10	15

Pressure	1000	950
Temp	10	15

Pressure	1000	950
Temp	10	15

Pressure	1000	950
Temp	10	15

Pressure	1000	950
Temp	10	15

Pressure	1000	950
Temp	10	15

Pressure	1000	950
Temp	10	15

Pressure	1000	950
Temp	10	15

Pressure	1000	950
Temp	10	15

Pressure	1000	950
Temp	10	15

Pressure	1000	950
Temp	10	15

DATA BLOCK

Case No.	Type of Data	Altitude	PRESSURE		TEMPERATURE		Remarks
			Constant	Ind	Constant	Ind	
11	1	1000	1000	10	10		
12	0	1000	1000	10	10		
13	0	1000	1000	10	10		
14	0	1000	1000	10	10		
15	0	1000	1000	10	10		
16	0	1000	1000	10	10		
17	0	1000	1000	10	10		
18	0	1000	1000	10	10		
19	0	1000	1000	10	10		
20	0	1000	1000	10	10		
21	0	1000	1000	10	10		
22	0	1000	1000	10	10		
23	0	1000	1000	10	10		
24	0	1000	1000	10	10		
25	0	1000	1000	10	10		
26	0	1000	1000	10	10		
27	0	1000	1000	10	10		
28	0	1000	1000	10	10		
29	0	1000	1000	10	10		
30	0	1000	1000	10	10		
31	0	1000	1000	10	10		
32	0	1000	1000	10	10		
33	0	1000	1000	10	10		
34	0	1000	1000	10	10		
35	0	1000	1000	10	10		
36	0	1000	1000	10	10		
37	0	1000	1000	10	10		
38	0	1000	1000	10	10		
39	0	1000	1000	10	10		
40	0	1000	1000	10	10		
41	0	1000	1000	10	10		
42	0	1000	1000	10	10		
43	0	1000	1000	10	10		
44	0	1000	1000	10	10		
45	0	1000	1000	10	10		
46	0	1000	1000	10	10		
47	0	1000	1000	10	10		
48	0	1000	1000	10	10		
49	0	1000	1000	10	10		
50	0	1000	1000	10	10		

REMARKS

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD
0000	0000
1111	1111
2222	2222
3333	3333
4444	4444
5555	5555
6666	6666
7777	7777
8888	8888
9999	9999

LEGEND FOR PLOTTED CURVES  
PA - Pressure-Altitude  
T - Temperature

Drawn by G. DODD  
Verified by D. P. GLENNONS  
Inspected by \_\_\_\_\_

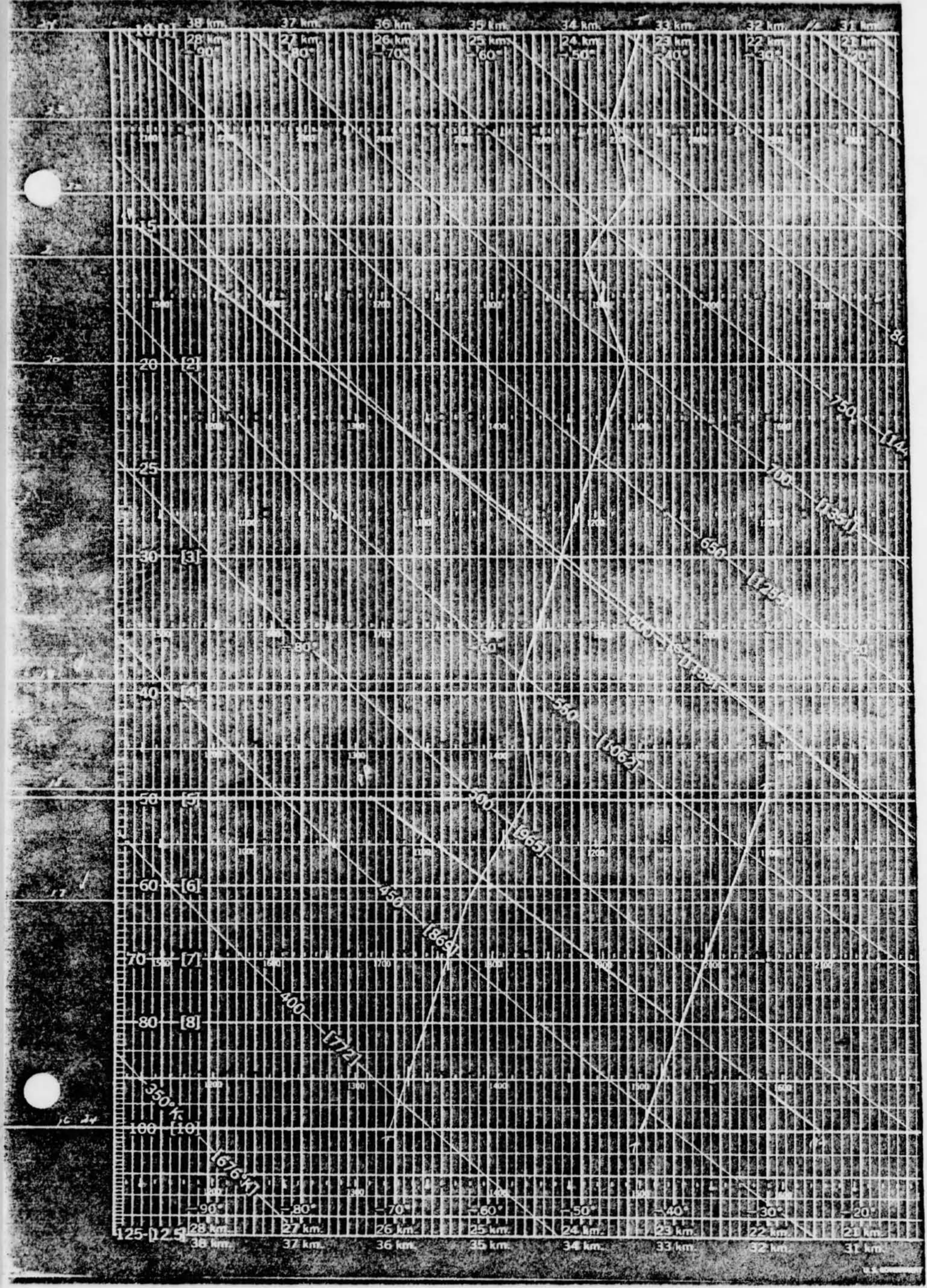
DATE AND RELEASE TIME

Year	Month	Day	Time
1962	JUL	20	1700
1962	JUL	20	1700

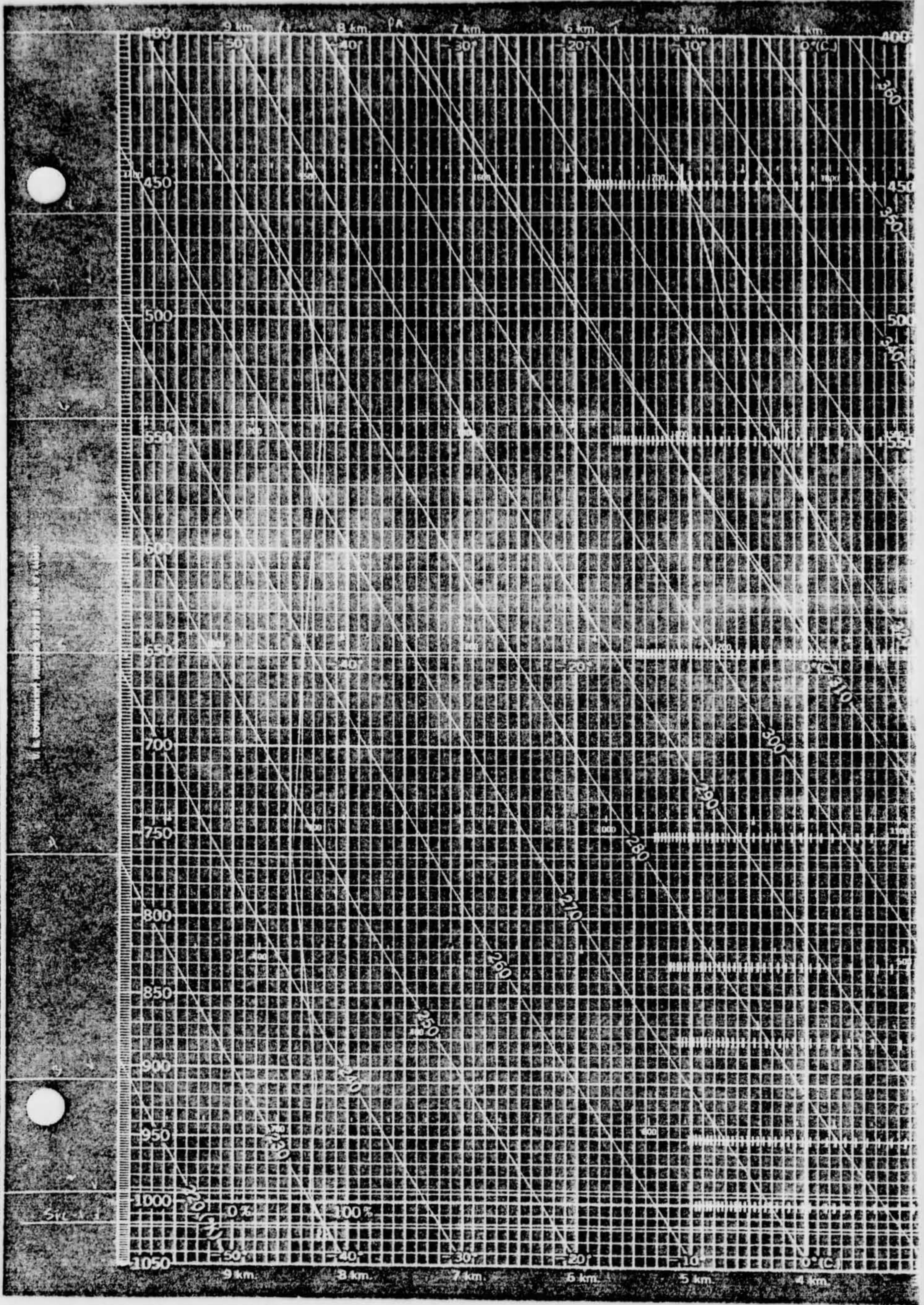
Radiosonde No. J 05705X Receiver No. 122

Station  
**BURRWOOD, LOUISIANA**  
28° 58' N 89° 25' W  
Elev. \_\_\_\_\_  
Prepared by the Commercial Service Bureau, Washington, D.C. 1957











Order No.	Time	Altitude	PRESSURE		TEMPERATURE		REL. HUM.		DEW POINT	Altitude of Significant Levels or Remarks
			Contact	Mb	Surface	Atmos.	Ordinate	Including Corr. of 0.5		
00	0	7		70.2	28.5			78	25.0	3
11	0	2	5.2	49.3	21.2	21.1	86.9	68	22.0	220
22	0	3	11.3	41.0	19.5	22.0	71.8	72	16.9	980
33	0	4	17.0	34.0	18.0	21.0	68.5	55	4.3	
44	0	5	23.0	28.2	16.9	19.5	65.7	61		
55	4	6	29.0	24.2	15.8	18.0	63.0	78	-6.3	5300
66	7	7	35.0	21.0	14.7	17.3	60.2	68	-19.5	
77	0	8	41.0	18.0	13.6	16.4	57.5	24	-28.3	
88	0	9	47.0	15.0	12.5	15.2	54.8	MB	(17)	MC
99	0	10								
	0	11								
	0	12								
	0	13								
	0	14								
	0	15								

80	5.3	76.5	-16.2
91	6.8	71.2	-11.8
02	8.1	66.0	-7.4

67.0	-10.5
(5)	8

50	5.4	55.1	26.7
56	6.8	68	-11.6
07	8.4	35	8

51.8	-2.2
77	
33	3

SURFACE OBSERVATION AT RELEASE

PRESSURE			CONTACT	
Station	Correction	at Sea	Dist	Remarks

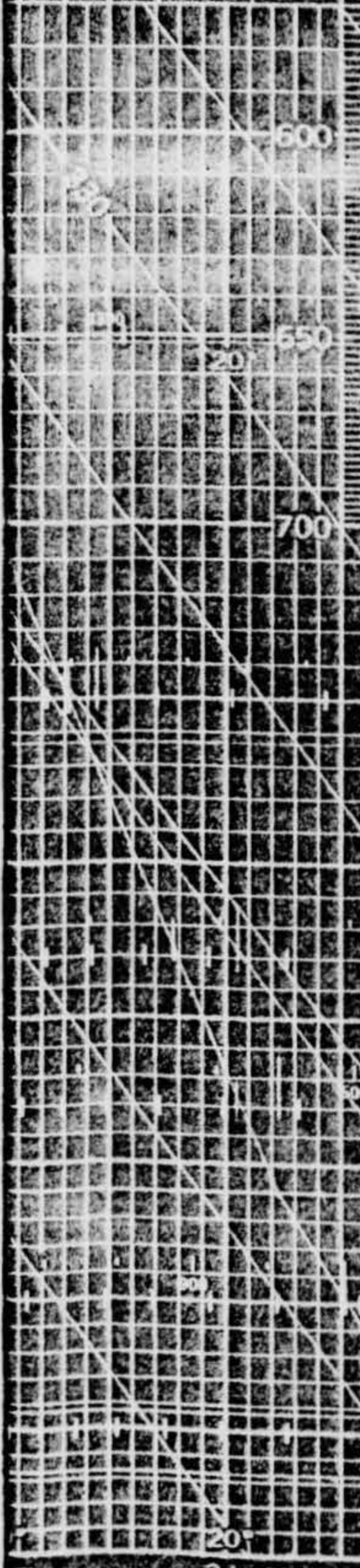
  

TEMPERATURE	RELATIVE HUMIDITY	WIND
Dir	Wet	Dir

CLOUDS AND WEATHER

CU 100 100 100



U.S. DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
**ADIABATIC CHART**

BASELINE CHECK READINGS

Time G.C.T.	TEMPERATURE		
	Ordinate	Dry	Wet
1040	72.8	80.0	25.5

RELATIVE HUMIDITY

Ordinate	Wet	Dry	Psychrometer
			Wet
81.9	89	4.2	70

CODED MESSAGE FOR TRANSMISSION

232	10050	25779	22269	65516
4121	02002	70056	09019	00004
50919	06018	00014	20512	20003
00119	00201	27908	05076	30005
22110	00614	20009	00001	00000
20000	00000	00000	00000	00000
00000	00000	00000	00000	00000
00000	00000	00000	00000	00000
00000	00000	00000	00000	00000

REMARKS

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD	
00mb	Altitude (ft)	Temperature (°C)
TT <sub>0</sub> T <sub>1</sub>	Relative Humidity (%)	Dew Point (°C)
Dir	Direction (degrees)	Speed (knots)

LEGEND FOR PLOTTED CURVES

PA - Pressure - Altitude (corrected surface)  
T - Temperature (°C)  
RH - Relative Humidity (%)

Drawn by P. P. T. 5  
Verified by P. P. T. 5  
Inspected by

DATE AND RELEASE TIME

Year	Month	Day	Time
1962	JUL	30	05 00
1962	JUL	30	05 00

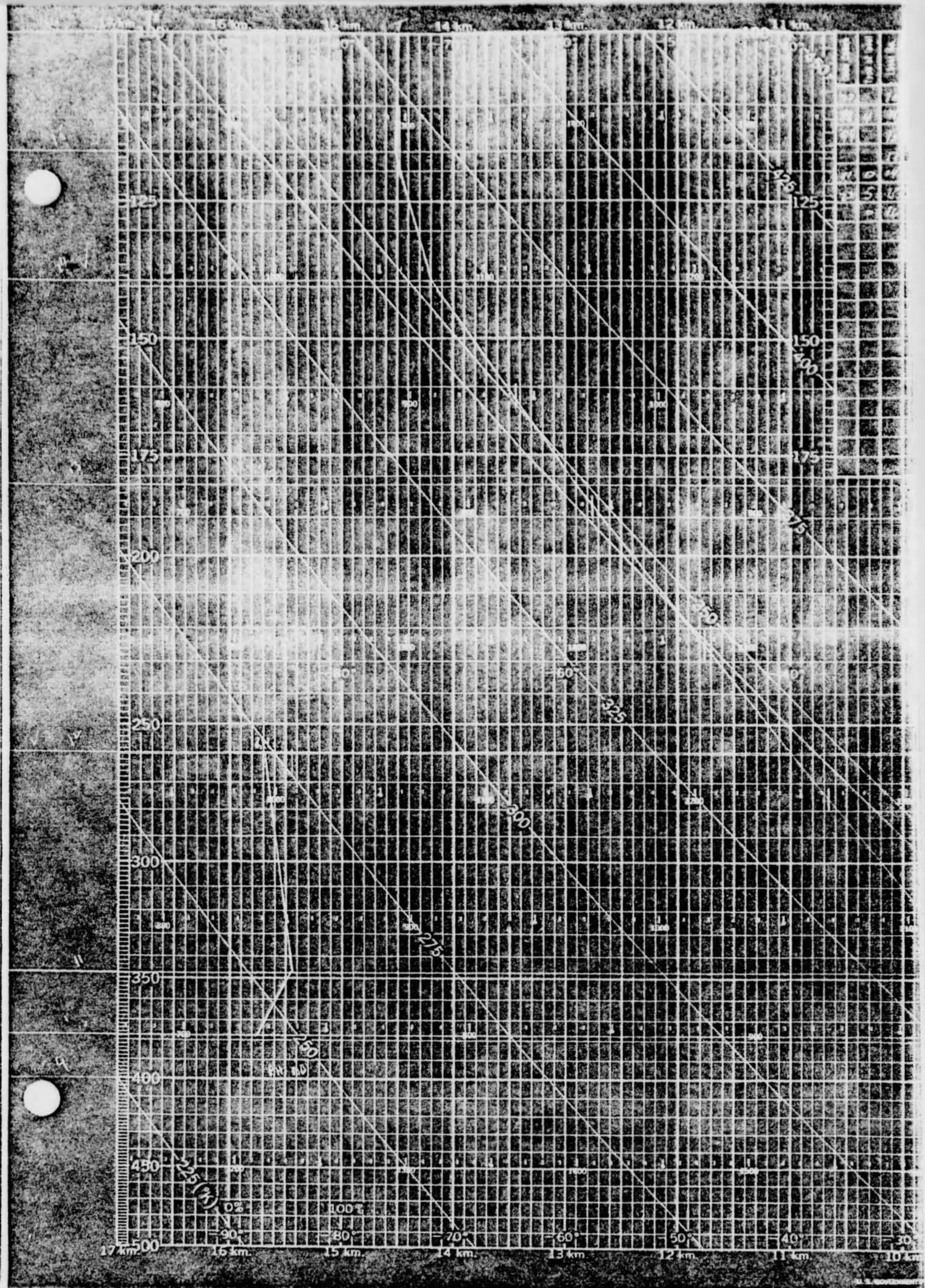
Station  
**BURRWOOD, LOUISIANA**

28° 58' N 89° 25' W

Printed by the Coast and Geodetic Survey, Washington D.C.

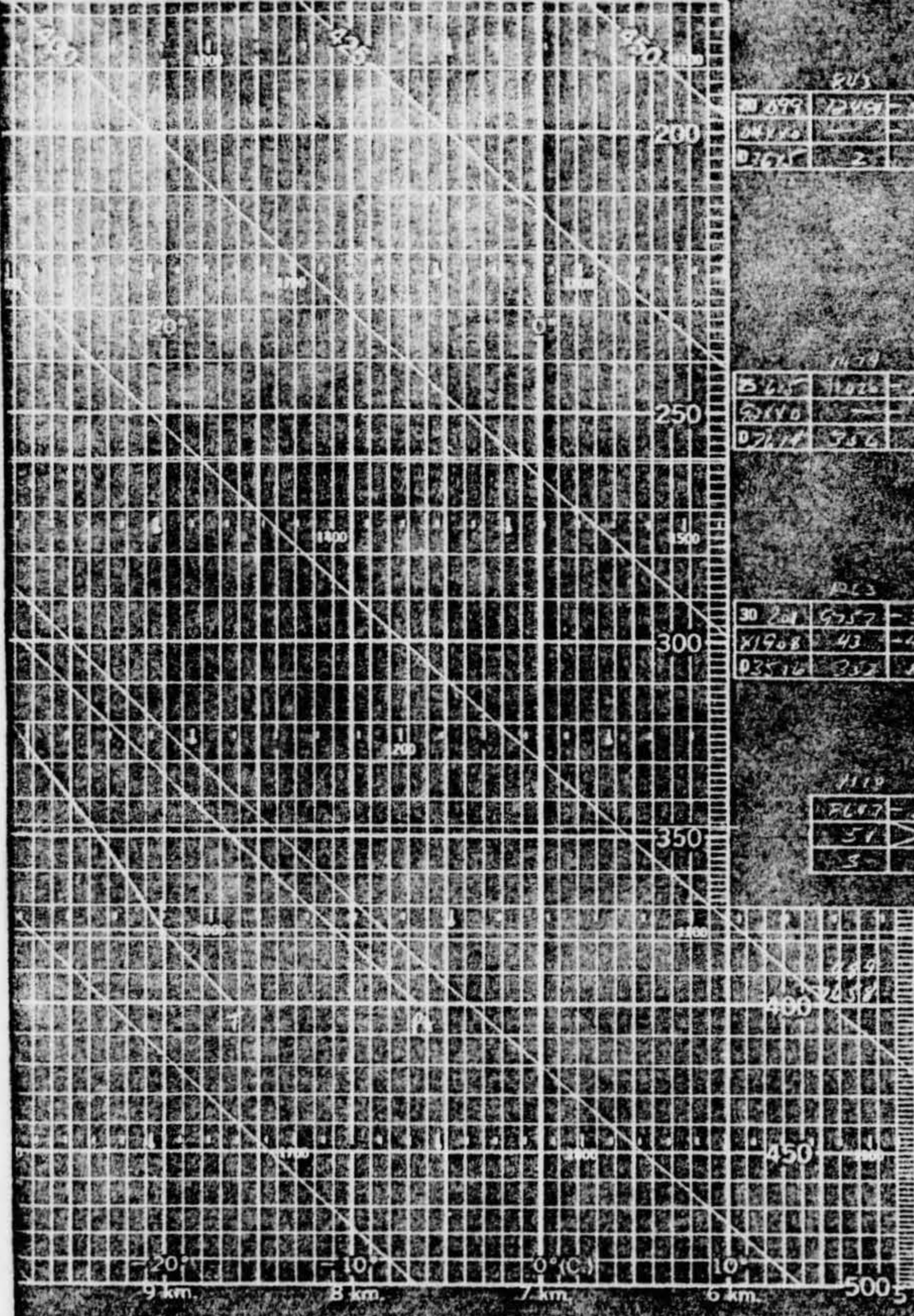
PUNCHED CARD NO. 1  
PUNCHED CARD NO. 2  
PUNCHED CARD NO. 3







STATION	TEMPERATURE	REL. HUM.	WIND	WIND DIR.	WIND S.P.	WIND G.S.P.	WIND S.P. (K)	WIND G.S.P. (K)
1	25.0	75	10	135	10	15	3.6	4.2
2	24.5	75	10	135	10	15	3.5	4.1
3	25.5	75	10	135	10	15	3.7	4.3
4	25.0	75	10	135	10	15	3.6	4.2
5	25.0	75	10	135	10	15	3.6	4.2
6	25.0	75	10	135	10	15	3.6	4.2
7	25.0	75	10	135	10	15	3.6	4.2
8	25.0	75	10	135	10	15	3.6	4.2
9	25.0	75	10	135	10	15	3.6	4.2
10	25.0	75	10	135	10	15	3.6	4.2
11	25.0	75	10	135	10	15	3.6	4.2
12	25.0	75	10	135	10	15	3.6	4.2
13	25.0	75	10	135	10	15	3.6	4.2
14	25.0	75	10	135	10	15	3.6	4.2
15	25.0	75	10	135	10	15	3.6	4.2
16	25.0	75	10	135	10	15	3.6	4.2
17	25.0	75	10	135	10	15	3.6	4.2
18	25.0	75	10	135	10	15	3.6	4.2
19	25.0	75	10	135	10	15	3.6	4.2
20	25.0	75	10	135	10	15	3.6	4.2



STATION	TEMPERATURE	REL. HUM.	WIND	WIND DIR.	WIND S.P.	WIND G.S.P.
1	25.0	75	10	135	10	15
2	24.5	75	10	135	10	15
3	25.5	75	10	135	10	15
4	25.0	75	10	135	10	15
5	25.0	75	10	135	10	15
6	25.0	75	10	135	10	15
7	25.0	75	10	135	10	15
8	25.0	75	10	135	10	15
9	25.0	75	10	135	10	15
10	25.0	75	10	135	10	15
11	25.0	75	10	135	10	15
12	25.0	75	10	135	10	15
13	25.0	75	10	135	10	15
14	25.0	75	10	135	10	15
15	25.0	75	10	135	10	15
16	25.0	75	10	135	10	15
17	25.0	75	10	135	10	15
18	25.0	75	10	135	10	15
19	25.0	75	10	135	10	15
20	25.0	75	10	135	10	15

U.S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY  
**ADIABATIC CHART**

Solar Radiation Corrections for Mean Temperature

- Time, CST, of beginning of interval
- Time, CST, of end of interval
- Time, CST, of 25 min. interval
- Correction for CST
- Time, TST, algebraic sum of (1) & (4)
- Time, TST, algebraic sum of (2) & (4)
- Time, TST, algebraic sum of (3) & (4)
- Difference between (5) and Solar Noon
- Difference between (6) and Solar Noon
- Difference between (7) and Solar Noon
- Elevation angle of Sun for (5)
- Elevation angle of Sun for (6)
- Elevation angle of Sun for (7)
- Elevation angle of Sun for (8)
- Elevation angle of Sun for (9)
- Elevation angle of Sun for (10)
- Elevation angle of Sun for (11)
- Elevation angle of Sun for (12)
- Elevation angle of Sun for (13)
- Elevation angle of Sun for (14)
- Elevation angle of Sun for (15)
- Elevation angle of Sun for (16)
- Elevation angle of Sun for (17)
- Elevation angle of Sun for (18)
- Elevation angle of Sun for (19)
- Elevation angle of Sun for (20)

CODED MESSAGE FOR TRANSMISSION

0100	0100	0100	0100	0100	0100
0200	0200	0200	0200	0200	0200
0300	0300	0300	0300	0300	0300
0400	0400	0400	0400	0400	0400
0500	0500	0500	0500	0500	0500
0600	0600	0600	0600	0600	0600
0700	0700	0700	0700	0700	0700
0800	0800	0800	0800	0800	0800
0900	0900	0900	0900	0900	0900
1000	1000	1000	1000	1000	1000
1100	1100	1100	1100	1100	1100
1200	1200	1200	1200	1200	1200
1300	1300	1300	1300	1300	1300
1400	1400	1400	1400	1400	1400
1500	1500	1500	1500	1500	1500
1600	1600	1600	1600	1600	1600
1700	1700	1700	1700	1700	1700
1800	1800	1800	1800	1800	1800
1900	1900	1900	1900	1900	1900
2000	2000	2000	2000	2000	2000

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD	
0000	Altitude (zpm)	Temperature (°C)
TT1111	Relative Humidity (%)	Dew Point (°C)
0000	Direction (degrees)	Speed (knots)

LEGEND FOR PLOTTED CURVES

PA - Pressure - Altitude  
T - Temperature (°C)  
RH - Relative Humidity (%)

Drawn by: P. J. ...  
Verified by: J. R. ...

DATE AND RELEASE TIME

Year	Month	Day	Time
1962	JUL	30	0500
1962	JUL	30	1100

Radiosonde No. 2115 Ascension No. 2115

Station  
**BURRWOOD, LOUISIANA**

28° 58' N    89° 23' W

Prepared by the Coast and Geodetic Survey  
Washington, D. C. 1957



**DATA BLOCK A**

Lvl. No.	PRESSURE		TEMPERATURE		REL HUM	DEW POINT	All Balls of Significant Levels or Remarks
	Contact	Mo.	Ordnate	Ascend			
00	0	1	1157	29.0	79	25.0	3
11	0	2	5.2	79.5	80.9	68	22.0
33	0	3	71.0	69.5	80.8	72	16.5
53	0	4	28.0	76.3	80.5	82	4.0
	0	5	33.0	65.2	6.1	65	
43	4	6	44.0	54.2	-3.0	76.2	78
55	7	7	45.0	45.2	-7.3	63.2	-66
74	8	8	53.5	76.0	-9.4	3.0	24.0
0			60.9	4.0	-11.3	MB (17)	MB
10							
11							
12							
13							
14							
15							

**Constant Pressure Blocks**

40	5.2	76.5	76.2
66	7.3	75	MB
D	0.178	71	1.0

67.0	-10.5
65	8

176

50	5.8	55.2	-6.7
56	6.8	67	-11.6
D	0.144	75	8

55

5.8	2.0
77	8
23	8

14.5

70	0.5	5.2	6.3
81	1.2	57	7.8
D	0.024	77	2

24.0	12.2
53	8
57	2

112

21.0	16.2
57	8
188	1

81

85	5.1	14.7	15.2
19	1.4	65	12.3
D	2.002	176	1

151

55.1	21.8
77	8
23.9	2

67.0	25.3
67.0	8
76.0	8

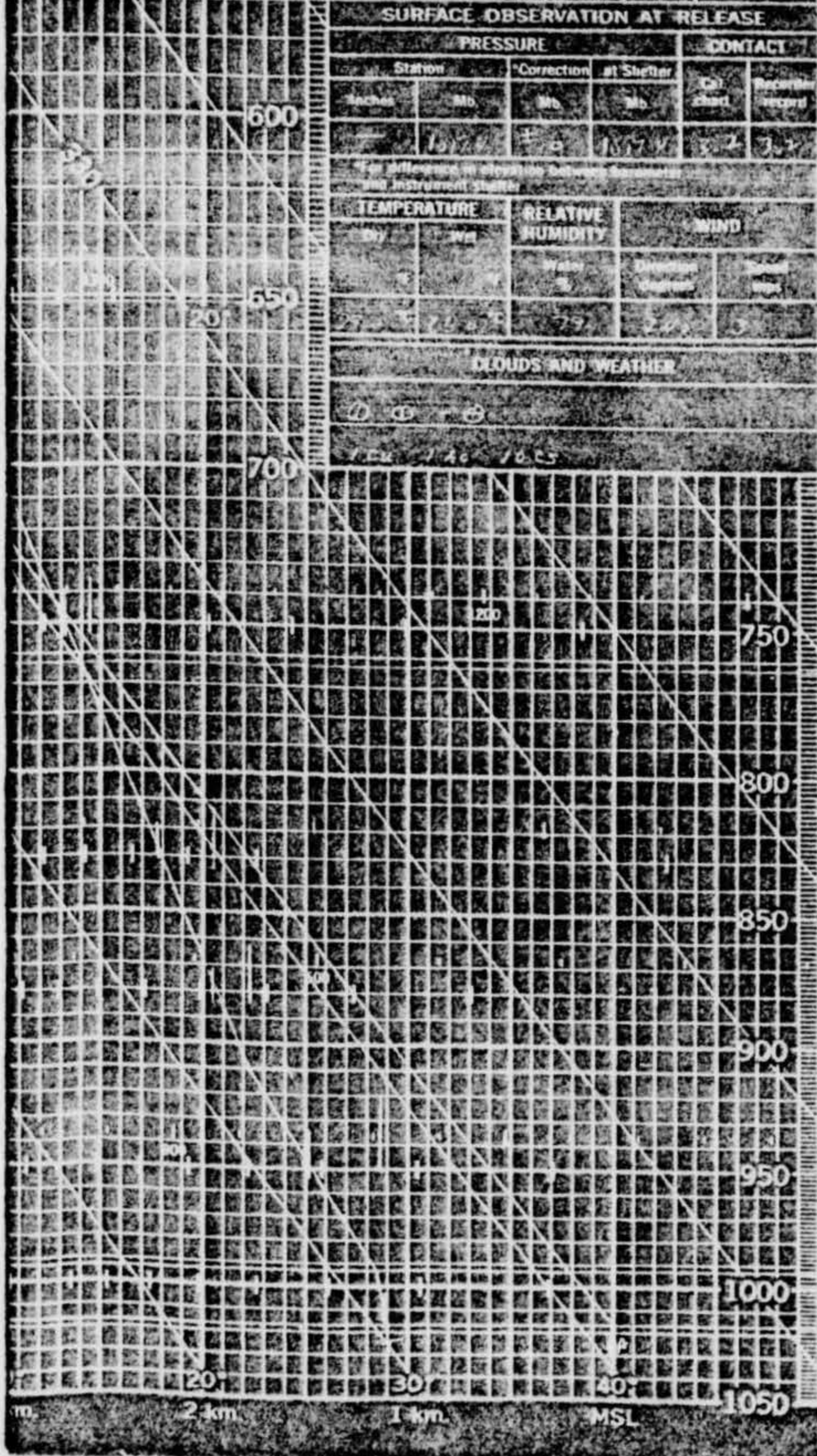
  

75

11.0	15.3	78.7	
83.5	77	22.9	
D	0.109	25	8

11.0	15.3	24.2
77	8	
26.0	8	



W 8 Form 810A (Revised 8-57) W 8-11A

**U.S. DEPARTMENT OF COMMERCE  
WEATHER BUREAU**

## ADIABATIC CHART

**BASELINE CHECK READINGS**

Time G.C.T.	TEMPERATURE		
	Ordnate	Dry	Wet
1040	76.7	56.0	25.5

RELATIVE HUMIDITY			
Ordnate	Reob %	Dry %	Psychrometer
61.9	69	41	Water 78

**CODED MESSAGE FOR TRANSMISSION**

732 11050 26279 2309 65511  
 4121 07002 70058 09019 00509  
 50943 58811 04011 40517 65002  
 00119 07200 79018 07516 25005  
 20112 07014 00099 00000 00000  
 25000 11802 00417 10405 00000  
 00000  
 00000 00000 00000 00000 00000  
 00000 00000 00000 00000 00000  
 00000 00000 00000 00000 00000

**LEGEND FOR CONSTANT PRESSURE BLOCKS**

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD	
DOWN	Altitude (feet)	Temperature (°C)
77 to 79	Relative Humidity (%)	Dew Point (°C)
ODD	Direction (degrees)	Speed (knots)

**LEGEND FOR PLOTTED CURVES**

PA - Pressure Altitude (uncorrected)  
 T - Temperature (°C)      RH - Relative Humidity (%)

Drawn by: P. J. ...  
 Verified by: S. B. ...  
 Approved by: ...

**DATE AND RELEASE TIME**

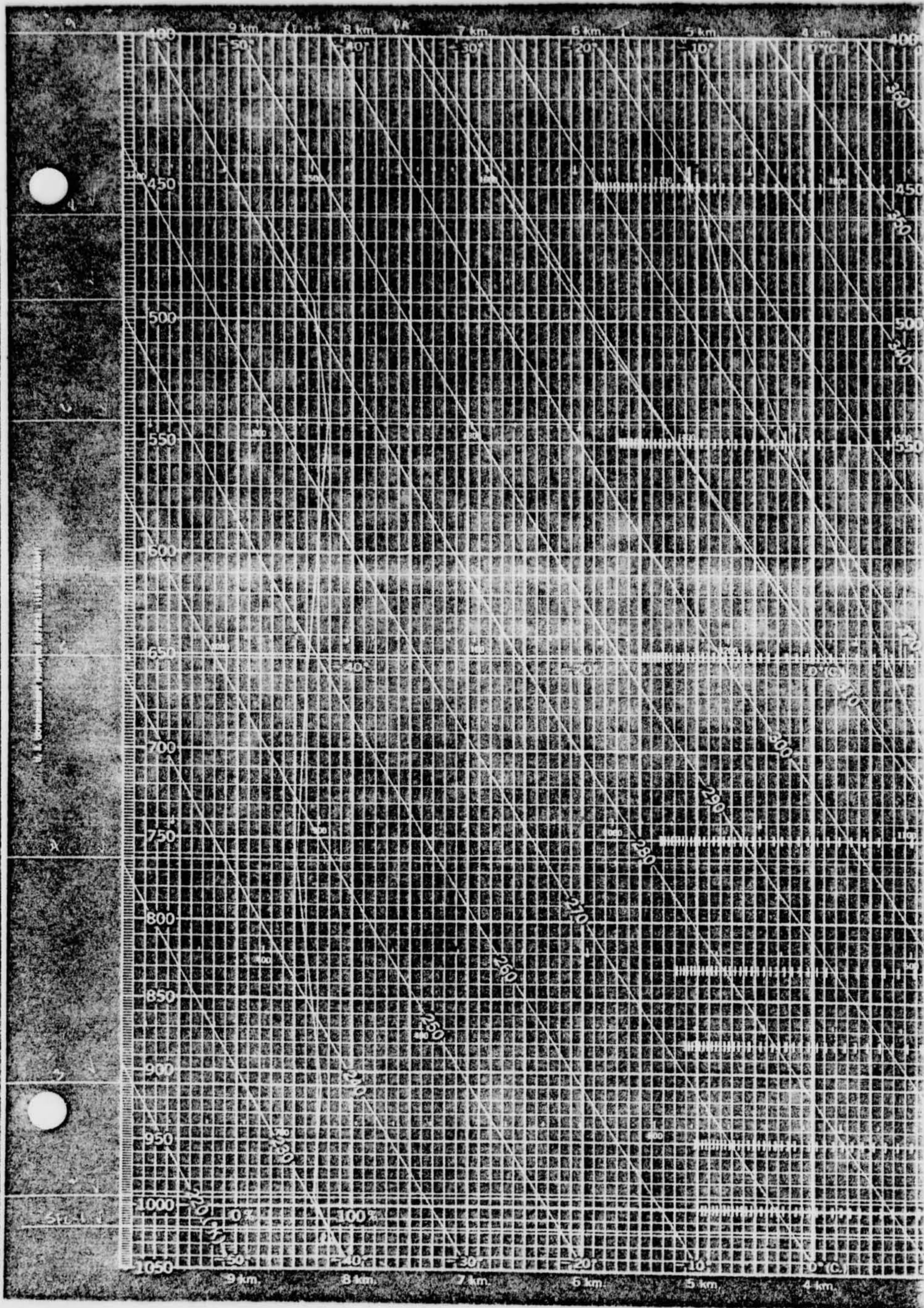
Year	Month	Day	Time
1962	JUL	30	0000
1962	JUL	30	0000

**BURRWOOD, LOUISIANA**

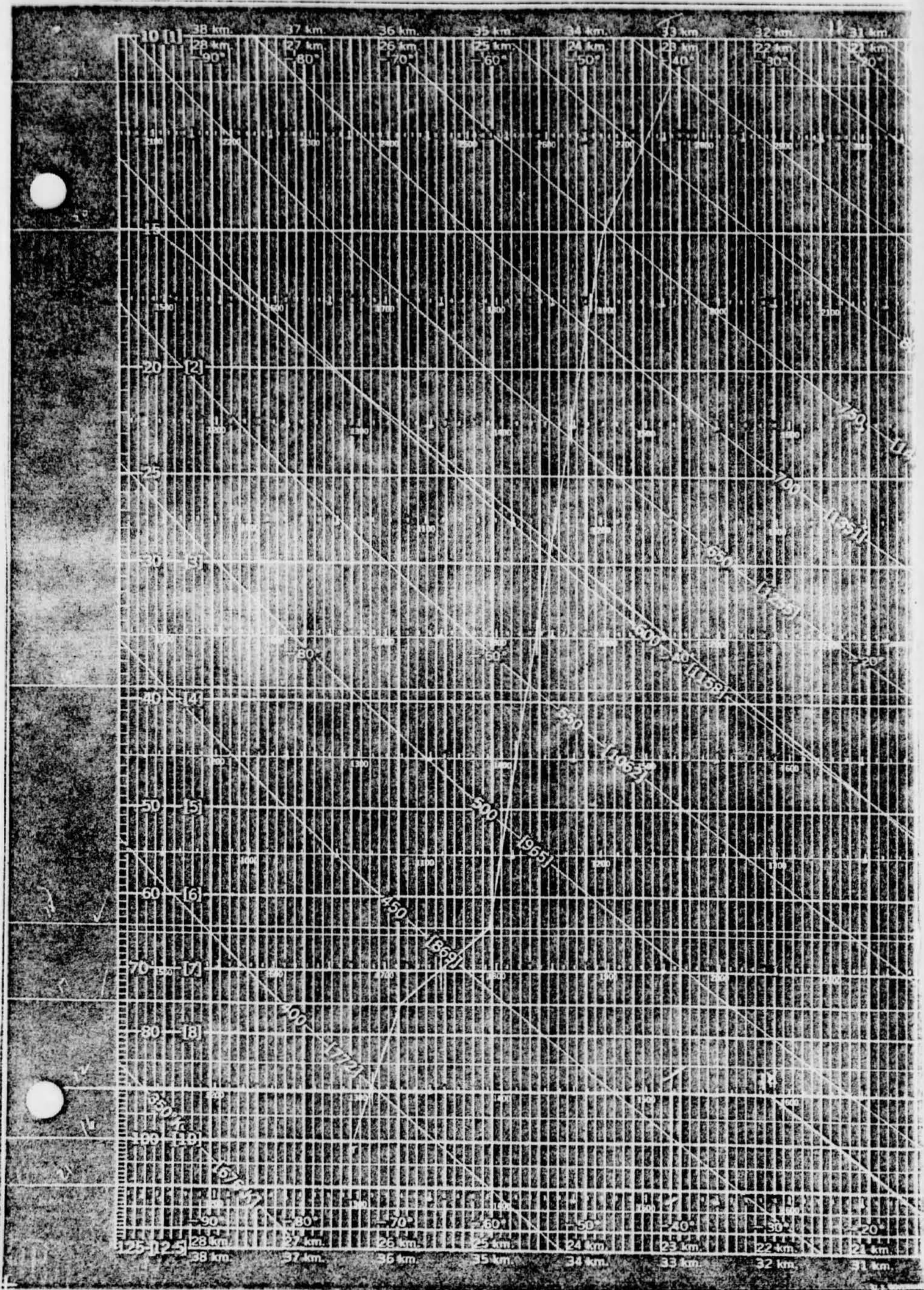
28° 58' N    89° 23' W

Printed by the Coast and Geodetic Survey  
Washington, D.C. 20540















HEADQUARTERS  
KEESLER TECHNICAL TRAINING CENTER (ATC)  
UNITED STATES AIR FORCE  
KEESLER AIR FORCE BASE, MISSISSIPPI



REPLY TO  
ATTN OF: OP-S

28 AUG 1962

SUBJECT: Report of Unidentified Flying Object (UFO)

TO: AFSC (FTD)  
Wright Patterson AFB, Ohio

1. The following information concerning the report of an unidentified flying object was reported by Mr. [REDACTED], c/o Ocean Springs Seafood Co., Ocean Springs, Mississippi, telephone [REDACTED] Reference paragraph 14, AFR 200-2, 20 July 1962.

a. Description of the object:

- (1) Shape - Diamond, mostly round, sometimes rectangular.
- (2) Size - Half dollar at arms length, the red painted nose of a T-29 (at approximately 1500 ft MSL, my estimate of the height of a T-29 flying over as I questioned Mr. [REDACTED]).
- (3) Color - bright cherry red varying in intensity as it maneuvered.
- (4) Number - one.
- (5) Formation - N/A.
- (6) Discernible Features - none.
- (7) Tail, trail or exhaust - none.
- (8) Sound - none.
- (9) Performed intricate maneuvers.

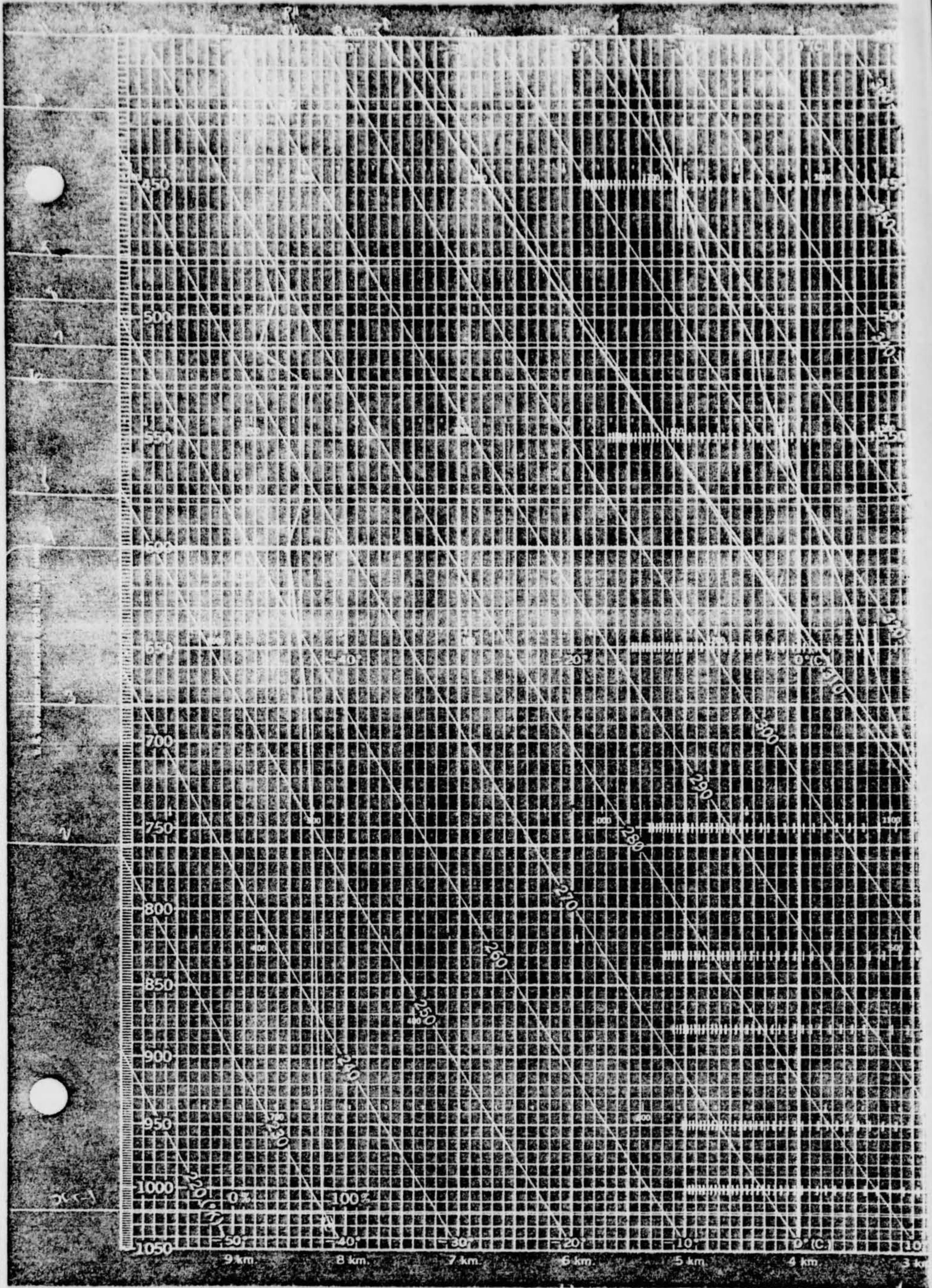
b. Description of course of object:

- (1) While in bed the observer was called by his daughter [REDACTED] (age 9), and neice, [REDACTED] (age 15) from their adjoining bedroom. [REDACTED] while lying on her bed looking through a window observed a large red diamond-shaped object (estimated distance 2,000 ft) moving slowly above the top of a tree measured 300 ft east of the house.
- (2) Object was first observed  $10^{\circ}$  above the horizon just above the top of a tree. The tree is 300 ft from the house and  $115^{\circ}$  azimuth.

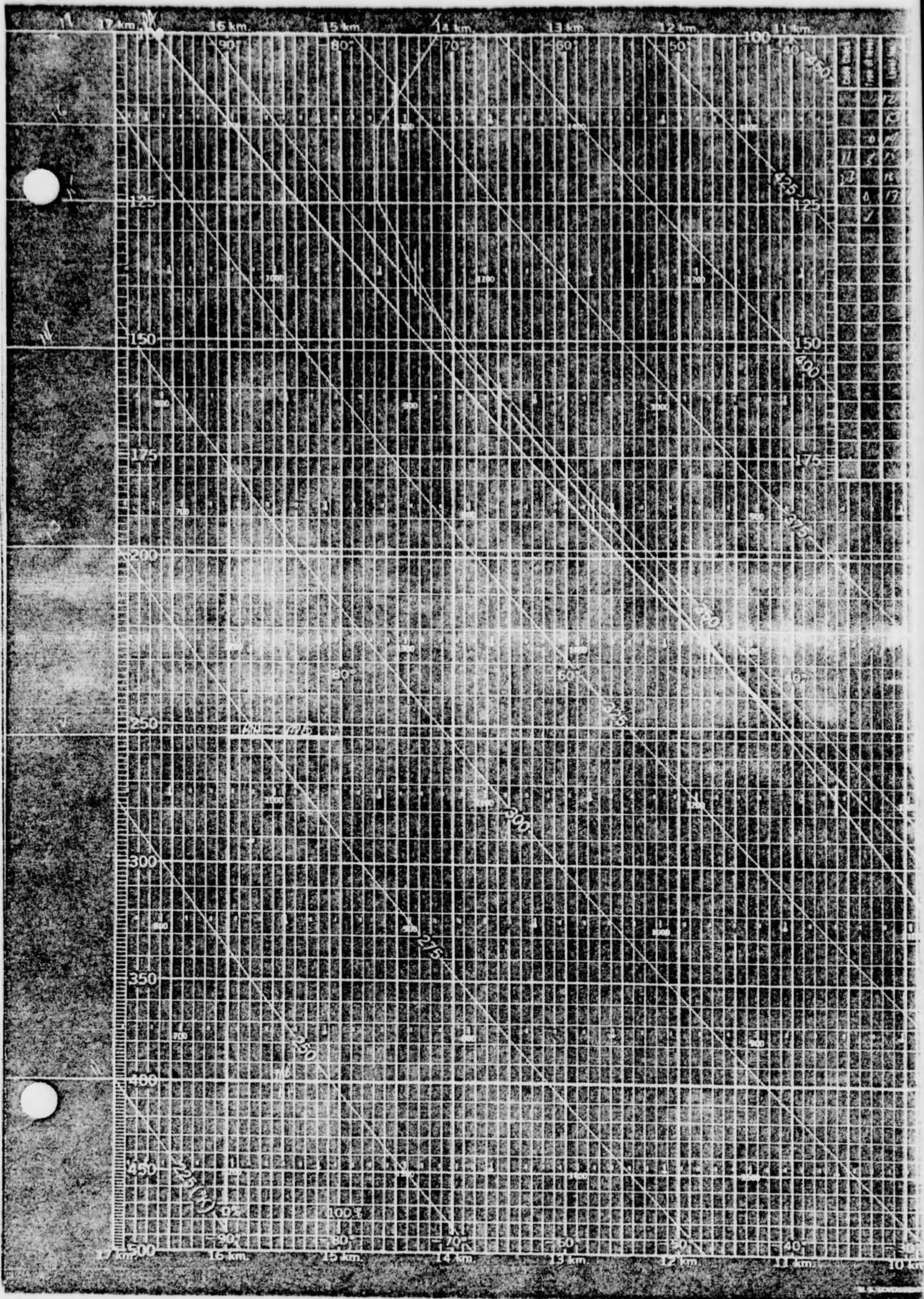














PRESSURE	TEMPERATURE			REL. HUM.	DEW POINT	Altitude of significant layer, or Remarks
	atact	Observed	Corrected			
1000	25.4	25.7	26.1			
950	24.0	24.2	24.6			
900	22.5	22.8	23.2			14200
850	21.0	21.3	21.7			15300
800	19.5	19.8	20.2			
750	18.0	18.3	18.7			16600
700	16.5	16.8	17.2			
650	15.0	15.3	15.7			
600	13.5	13.8	14.2			
550	12.0	12.3	12.7			
500	10.5	10.8	11.2			
450	9.0	9.3	9.7			
400	7.5	7.8	8.2			
350	6.0	6.3	6.7			
300	4.5	4.8	5.2			
250	3.0	3.3	3.7			
200	1.5	1.8	2.2			
150	0.0	0.3	0.7			
100	-1.5	-1.2	-0.8			
50	-3.0	-2.7	-2.3			
0	-4.5	-4.2	-3.8			

Constant Pressure Blocks

10	16.2	16.5	-2.7
1000	16.2	16.5	-2.7
0	16.2	16.5	-2.7

15	16.8	17.1	-2.3
1000	16.8	17.1	-2.3
0	16.8	17.1	-2.3

20	17.4	17.7	-1.9
1000	17.4	17.7	-1.9
0	17.4	17.7	-1.9

25	18.0	18.3	-1.5
1000	18.0	18.3	-1.5
0	18.0	18.3	-1.5

30	18.6	18.9	-1.1
1000	18.6	18.9	-1.1
0	18.6	18.9	-1.1

35	19.2	19.5	-0.7
1000	19.2	19.5	-0.7
0	19.2	19.5	-0.7

U.S. DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
**ADIABATIC CHART**

Solar Radiation Corrections for Rain Temperature

- Time LST, at termination of between 200 and 1000 mb, or at 150 mb, if terminating between 150 mb, or 400
- Time LST, at 50 mb, if reached
- Time LST, at 20 mb, if reached
- Correction for TSI
- Time TSI, algebraic sum of (1) & (4)
- Time TSI, algebraic sum of (2) & (4)
- Time TSI, algebraic sum of (3) & (4)
- Difference between (5) and Solar Noon
- Difference between (6) and Solar Noon
- Difference between (7) and Solar Noon
- Elevation angle of Sun for (5)
- Elevation angle of Sun for (6)
- Elevation angle of Sun for (7)
- Elapsed time from LST to 50 mb, or to termination if above 50 mb
  - Elapsed time from 50 mb, to
    - 50 mb, to
    - 50 mb, to
    - 50 mb, to
- Recessional rate corresponding to (11a)
  - (11b)
  - (11c)
  - (11d)
  - (11e)

CODED MESSAGE FOR TRANSMISSION

170000 0500Z JUL 62  
 170000 0500Z JUL 62  
 170000 0500Z JUL 62  
 170000 0500Z JUL 62  
 170000 0500Z JUL 62  
 170000 0500Z JUL 62  
 170000 0500Z JUL 62

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD	
Obsn	Altitude (gpm)	Temperature (°C)
TT <sub>2</sub> T <sub>1</sub>	Relative Humidity (%)	Dew Point (°C)
Wind	Direction (degrees)	Speed (mph)

LEGEND FOR PLOTTED CURVES

PA - Pressure (mb)      RH - Relative Humidity (%)  
 T - Temperature (°C)

Drawn by: *F. B. ...*  
 Verified by: *D. C. ...*  
 Inspected by:

DATE AND RELEASE TIME

Time	Month	Day	Year
0500	JUL	10	1962
0500	JUL	10	1962

Reference No. *50570K*

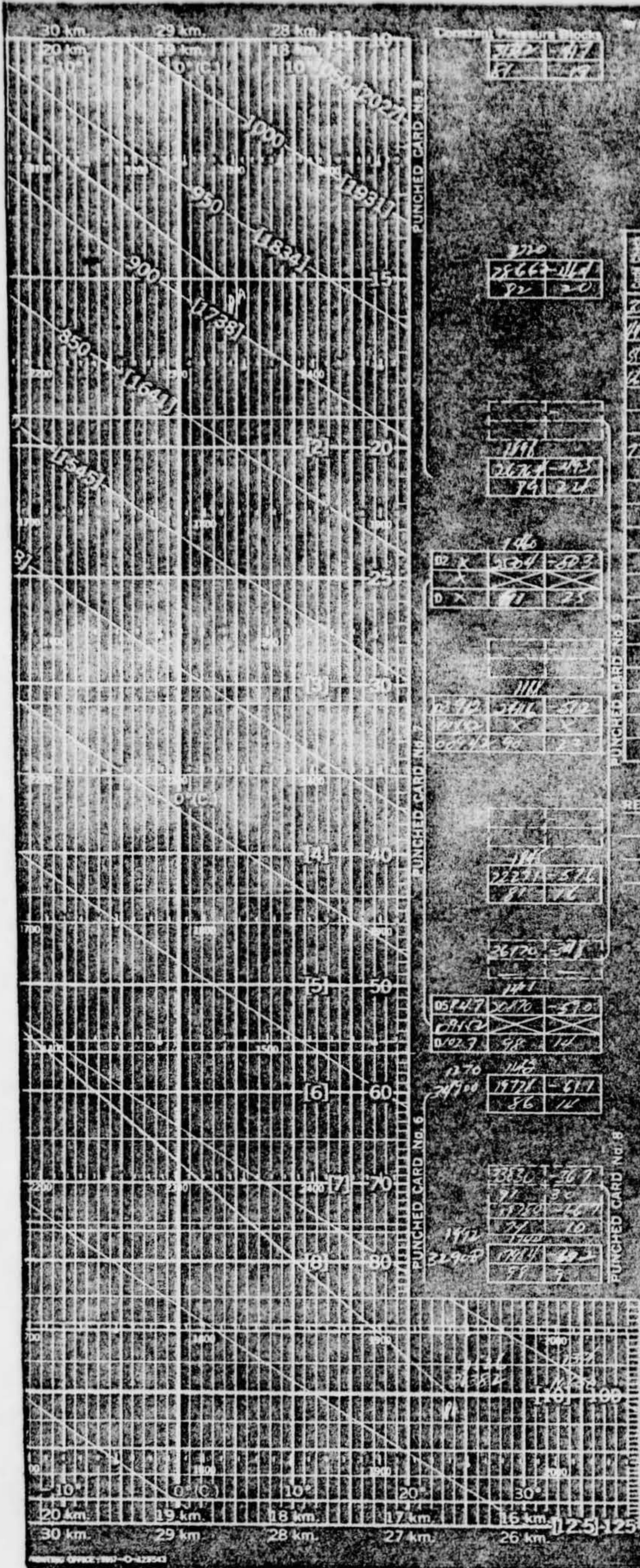
Station  
**BURRWOOD, LOUISIANA**

28° 58' N      89° 23' W

Prepared by the Coast and Geodetic Survey  
Washington, D. C. 1957

PUNCHED CARD No. 4  
PUNCHED CARD No. 5  
PUNCHED CARD No. 6





U.S. DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
**ADIABATIC CHART**

Pressure	27.2	27.7
Temp	87	87

27.0	28.667	11.4
87	87	87

11.1	26.764	11.2
87	87	87

14.6	25.4	10.3
87	87	87

11.1	25.12	11.6
87	87	87

11.1	22.71	11.7
87	87	87

14.1	26.720	11.7
87	87	87

14.1	05.47	10.70
87	87	87

14.6	27.70	11.6
87	87	87

14.6	28.30	10.7
87	87	87

14.6	27.70	11.6
87	87	87

14.6	27.70	11.6
87	87	87

14.6	27.70	11.6
87	87	87

14.6	27.70	11.6
87	87	87

14.6	27.70	11.6
87	87	87

Coast Check	Type of Ship	Level	PRESSURE		TEMPERATURE		Direction of Wind	Force of Wind
			Barometric	Ordnance	Surface (°C)	Atmosphere		
✓	11	11.4	89	11.8	23.0			
✓	11	11.4	76	11.0	27.6			
✓	11	11.4	56	12.5	31.7			2065
✓	11	11.4	43	13.1	31.7			
✓	11	11.4	31	2.9	31.7			
✓	11	11.4	19	3.5	31.0			
✓	11	11.4	10	3.5	31.7			2065
✓	11	11.4	8	3.4	31.7			
✓	11	11.4	5	3.5	31.5			2065

REMARKS

LEGEND FOR CONSTANT PRESSURE BLOCKS		
DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD	
DIR	Altitude (ft)	Temperature (°C)
TTT	TTT	
DIR	Direction (degrees)	Speed (knots)

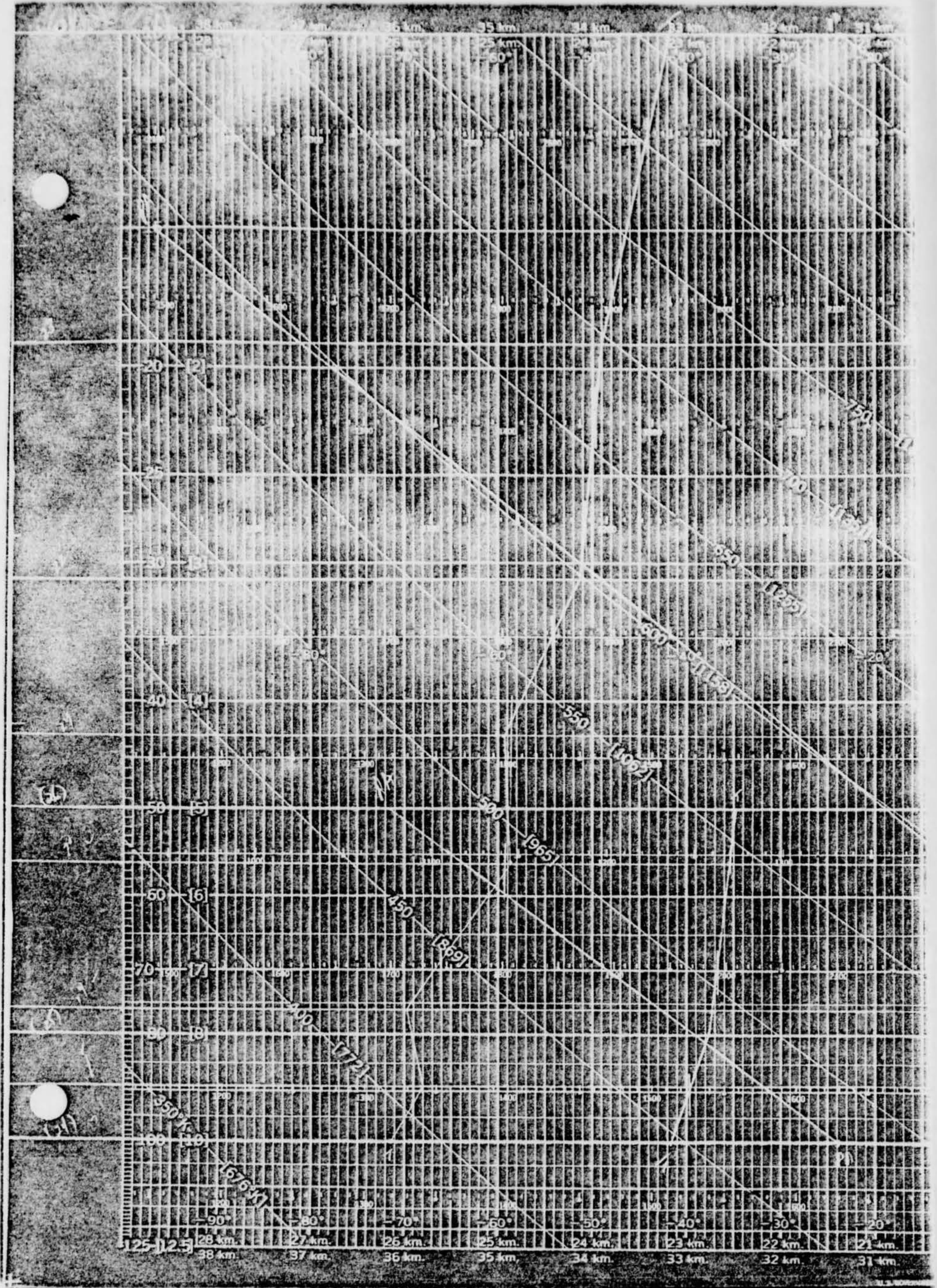
LEGEND FOR PLOTTED CURVES  
PA - Pressure - Altitude  
T - Temperature (°C)

Drawn by *F. P. ...*  
Verified by *D. P. ...*  
Inspected by

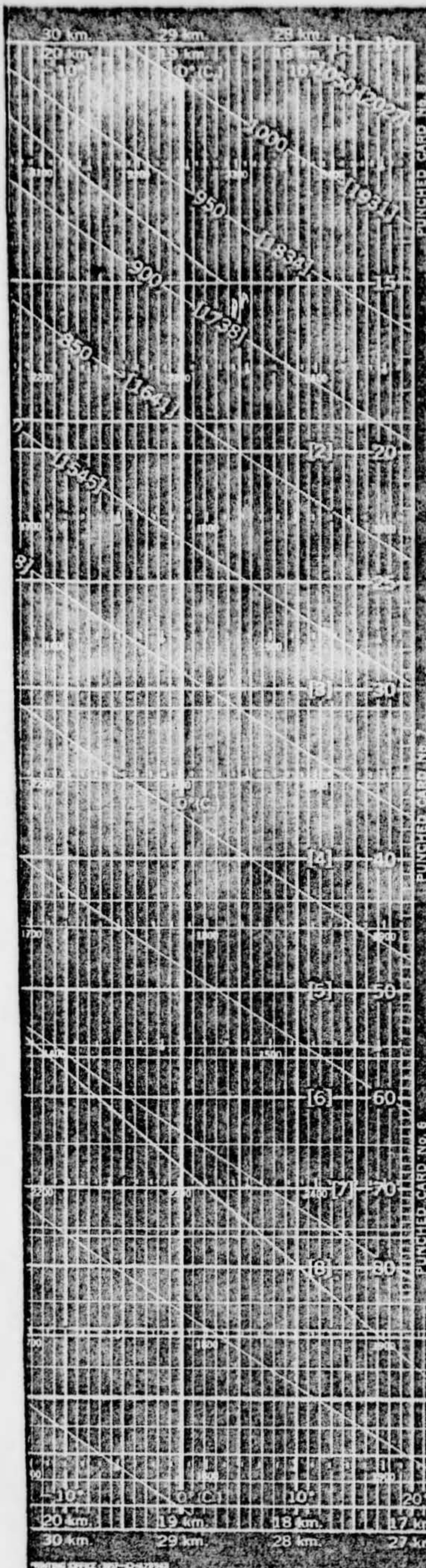
DATE AND RELEASE TIME				
Year	Month	Day	Hour	Zone
1962	JUL	30	11	Z
1967	JUL	30	11	Z

Station: **BURRWOOD, LOUISIANA**  
28° 58' N 89° 23' W  
Prepared by the Coast and Geodetic Survey, Washington D.C. 1957









Pressure (mb) 1010 1000 950 900 850 800 750 700 650 600 550 500 450 400 350 300 250 200 150 100

U.S. DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
**ADIABATIC CHART**

PUNCHED CARD NO. 1  
1010 1000 950 900 850 800 750 700 650 600 550 500 450 400 350 300 250 200 150 100

PUNCHED CARD NO. 2  
1010 1000 950 900 850 800 750 700 650 600 550 500 450 400 350 300 250 200 150 100

PUNCHED CARD NO. 3  
1010 1000 950 900 850 800 750 700 650 600 550 500 450 400 350 300 250 200 150 100

PUNCHED CARD NO. 4  
1010 1000 950 900 850 800 750 700 650 600 550 500 450 400 350 300 250 200 150 100

PUNCHED CARD NO. 5  
1010 1000 950 900 850 800 750 700 650 600 550 500 450 400 350 300 250 200 150 100

PUNCHED CARD NO. 6  
1010 1000 950 900 850 800 750 700 650 600 550 500 450 400 350 300 250 200 150 100

PUNCHED CARD NO. 7  
1010 1000 950 900 850 800 750 700 650 600 550 500 450 400 350 300 250 200 150 100

PUNCHED CARD NO. 8  
1010 1000 950 900 850 800 750 700 650 600 550 500 450 400 350 300 250 200 150 100

PUNCHED CARD NO. 9  
1010 1000 950 900 850 800 750 700 650 600 550 500 450 400 350 300 250 200 150 100

PUNCHED CARD NO. 10  
1010 1000 950 900 850 800 750 700 650 600 550 500 450 400 350 300 250 200 150 100

DATA BLOCK C

Clim Class	Type of Wind	PRESSURE		TEMPERATURE			Relative Humidity
		Observed	Red	Red	Dir	Corrected	
1010	1010	1010	1010	1010	1010	1010	1010
1000	1000	1000	1000	1000	1000	1000	1000
950	950	950	950	950	950	950	950
900	900	900	900	900	900	900	900
850	850	850	850	850	850	850	850
800	800	800	800	800	800	800	800
750	750	750	750	750	750	750	750
700	700	700	700	700	700	700	700
650	650	650	650	650	650	650	650
600	600	600	600	600	600	600	600
550	550	550	550	550	550	550	550
500	500	500	500	500	500	500	500
450	450	450	450	450	450	450	450
400	400	400	400	400	400	400	400
350	350	350	350	350	350	350	350
300	300	300	300	300	300	300	300
250	250	250	250	250	250	250	250
200	200	200	200	200	200	200	200
150	150	150	150	150	150	150	150
100	100	100	100	100	100	100	100

REMARKS

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD	
DIR	Altitude (gpm)	Temperature (°C)
DIR	Direction (degrees)	Speed (knots)

LEGEND FOR PLOTTED CURVES  
PA - Pressure (mb) (corrected mean)  
T - Temperature (°C)

Drawn by: F. J. ...  
Verified by: D. P. ...  
Approved by:

DATE AND RELEASE TIME

Year	Month	Day	Time
1962	JUL	30	1010
1962	JUL	30	1000

Station: **BURRWOOD, LOUISIANA**  
Lat: 28° 58' N Long: 89° 23' W



(3) Object disappeared about 8° above the horizon at 65° azimuth very close by another tree. This tree was 600 ft from the house.

(4) Object was moving very slowly from right to left at tree top level and sometimes appeared to be stationary. It appeared to be quite large and cast a red glow. As it continued to move from right to left, starting and stopping, increasing and decreasing in intensity, [redacted] observed that it was now round and as there was no sound she became alarmed and called to her cousin [redacted] to look at the strange helicopter. She thought it must be a helicopter as it would stop perfectly still every little bit. [redacted] saw a large round red object when she looked thru the open bedroom window. Seeing the strange object and hearing no sound she also became alarmed and called to her uncle, [redacted], in the adjoining bedroom to look at the strange object. At this time the object began to make half loops very fast as it continued to move from right to left. It would go straight up move over a degree or so and come straight down to the same level that it had started, then repeat this many times. Then it began make square movements, moving from right to left. It would go straight up, stop for an instant, move left level, then stop for an instant, then go straight down to the same level that it began, stop just for a split second and then go left level and pause, then straight up again. It was moving in a square wave pattern. After moving 20° to 25° in azimuth it reversed and made the same square movement back to the starting point. It would go up, across, and down, in less than a second. As it accelerated and decelerated it would increase and decrease in brightness and change direction 90°. After returning to approximately the starting point it paused, then moved very fast level from 100° azimuth to 95° azimuth then back to 100° azimuth then back to 95° azimuth, then paused, all within one second. After this flash back and forth it continued to move to the left making square wave movements then reversing and repeating staying between 8° and 15° above the horizon. At this time it passed behind a pine tree, measured 600' from the house, and the red object could be seen thru the top of the tree. Since beginning the fast maneuvering, [redacted] and his wife, [redacted] had also watched the object. [redacted] stated that the object looked rectangular to him but tilted away from him. His wife said it was just a big round red light to her.

(5) When the object, moving to the left, came out from behind the tree it was lower on the horizon and suddenly just went out or disappeared as they became aware of the sound of engines of an airliner approaching from the west, which then passed overhead and droned on to the east. Before the sound of the engines faded a jet passed overhead from east to west. The object did not reappear.

(6) The object was visible for about ten minutes.

c. Manner of observation:

(1) Ground - visual, thru open window, window glass, and thru screen wire.

(2) Binoculars were used by [redacted] and the (rectangular almost on end) object just became more distinct and brighter.



(3) Observation was made from the ground.

d. Time and date of sighting:

(1) 0520Z, 30 July 1962 to about 0530Z 30 July 1962.

(2) Light condition - night, some stars visible.

e. Location of observers:

(1) 30°27' N 88° 51'W or four NM northeast of Keesler AFB, Miss. 1,000 ft from abandoned private sod airstrip.

f. Identifying information on observers:

(1) Civilian [redacted] wife, [redacted] age 35; daughter [redacted] age 9; Neice, [redacted] age 15. Mailing address - c/o Ocean Springs Seafood Co., Ocean Springs, Miss. Occupation - Salesman and truck driver. Reliability - All members of the family are very sincere, anxious for an explanation, and reliable in the eyes of neighbors as far as I can determine. They were awake at this hour because they had just returned from local church activities.

(2) N/A.

g. Weather and winds-aloft condition at time and place of sightings:

(1) Observers account - stars shining, very light wind.

(2) Report of winds from 8th Weather Detachment, Keesler AFB,

Miss.

(a) Surface wind calm.

(b) Winds aloft light and variable, calm.

(3) Ceiling - none.

(4) Visibility - 12 miles.

(5) Amount of cloud cover - 8,000 scattered, high thin overcast.

(6) No thunderstorms.

(7) Temperature gradient - 2° c per 1,000 ft, 28° c at the surface to 0° c at 14,000 ft.

h. None.

i. None.



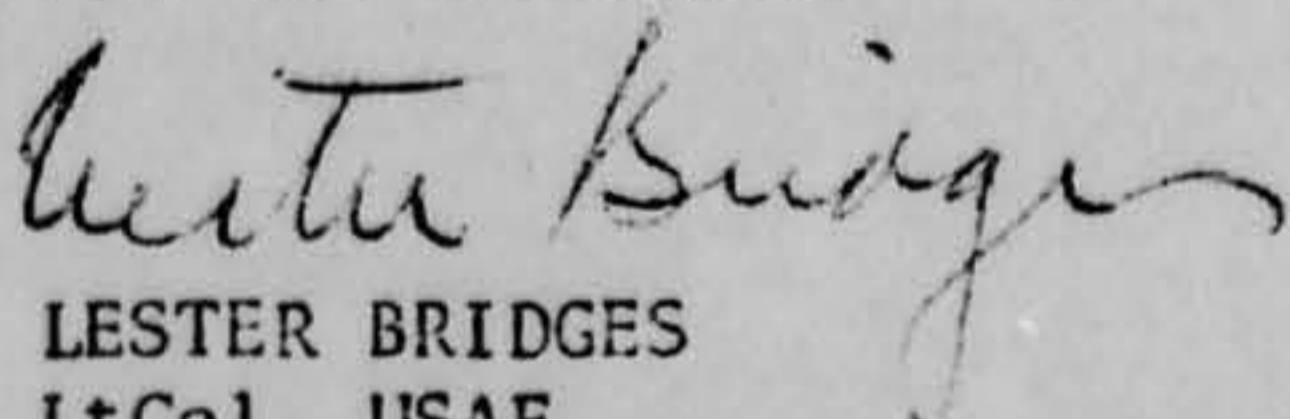
j. No air traffic at Keesler AFB or Gulfport Municipal airport from several hours before sighting until the next morning.

k. Prepared by Capt Charles O. Williams 47026A, instructor in the SAGE, Weapons Controller Course, OBRI741B. I measured the distance to the trees mentioned and measured the angle of elevation to the top of the trees and the degrees in azimuth to the trees by compass. I asked Mr. [REDACTED] if he had seen anything like this before. He said: "Approximately 12 years ago my wife, [REDACTED] and I saw an orange object pass at a tremendous speed moving from north to south; and about February 1962 I saw two objects that looked like two moons side by side. I stopped the truck I was driving and observed them for approximately 30 seconds until they disappeared. This happened about 130 miles north of Biloxi, Miss."

I have not been able to determine any possible cause for this sighting. The moon had not yet risen. There were no balloons, search lights, or fireworks. There were no aircraft. There were no temperature inversions.

l. None.

FOR THE COMMANDER



LESTER BRIDGES  
LtCol, USAF  
Chief, Operations Services Div



DATA PROCESSING DIVISION  
CLIMATIC CENTER, USAF  
Air Weather Service (AWATS)  
Asheville, North Carolina

REF ID: A174 07  
A174 07: CDDPD

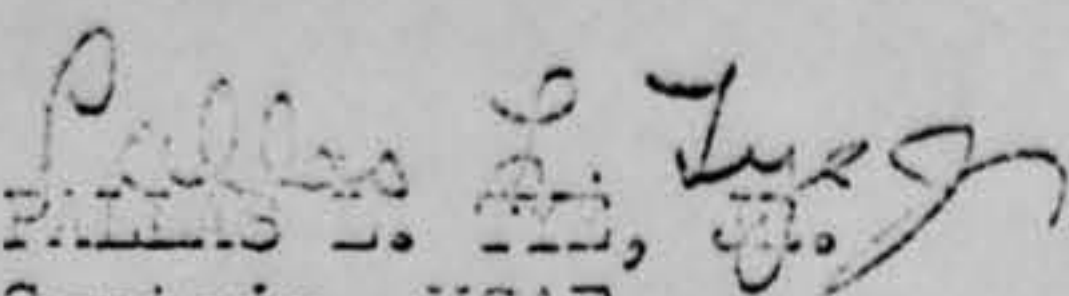
SUBJECT: Copies WBAN 31 - Heesler Vicinity

29 Aug 1962

TO: Aerospace Technical Intelligence Center  
Attn: Sgt. Moody  
Wright-Patterson AFB, Ohio

1. Reference: Your telephone call 0930 MST 26 Aug 1962.
2. We are sending photocopies of Adiabatic Charts (WBAN 31) for soundings taken at Burrwood, Louisiana on 29 through 31 July 1962. Burrwood is the closest station to Keesler AFB taking radiosonde observations.

FOR THE DIRECTOR

  
PALLAS L. TINS, JR.  
Captain, USAF  
Administrative Officer

1 Atch  
Photocopies



UFO Sighting of 20 July 1962 [REDACTED] Sighting)

30 January 1963

[REDACTED]  
[REDACTED] Company  
Ocean Springs, Mississippi

Dear Al,

I am writing from Wright-Patterson where the boys are trying to close up the 1962 UFO accounts. They would appreciate it very much if you could send them an account of the [REDACTED] Sighting of 20 July 1962.

I believe you said you had talked to these people and had come to some pretty firm conclusion as to the cause of the sighting. If so, could you drop a line either to me or to Lt Col Robert Friend, FTD TD-E (UFO), WPAFB, Ohio, as close to the immediate future as possible. There is no point in carrying this sighting as unidentified if it is not.

I hope to see you in Las Cruces.

Cordially,



Level No.	Type of Height	PRESSURE		TEMPERATURE		REL. HUM.		DEW POINT	Altitude of Significant Levels or Remarks
		Contact	Obs.	Ordnate	Room	Ordnate	Including Corr. of $\pm 0.2$		
1	D		10.8		28.3		79	24.3	3
2	D	95.0	8.0	67.2	17.5	72.2	78		7640
3	D	21.0	7.0	61.5	13.9	78.6	73		
4	D	36.0	6.16	59.2	7.6	40.5	47	-7.6	
5	D	47.0	5.67	56.5	1.7	76.0	78	5.0	
6	D	48.0	5.00	53.8	4.4	51.0	56		
7	D	52.0	0.58	51.0	5.4	65.0	67	-14.9	
8	D	56.0	0.33	49.4	11.0	57.0	49	-20.7	
9	D	59.0	4.9	46.7	-13.9	48.2	60	-21.9	7490
10									
11									
12									
13									
14									
15									

Constant Pressure Blocks

0.509	76.7	-17.1
6.731	5.9	-22.2
0.510	7.8	5

PUNCHED CARD No. 4

U.S. DEPARTMENT OF COMMERCE  
WEATHER BUREAU  
**ADIABATIC CHART**

BASELINE CHECK READINGS

Time GCT	TEMPERATURE	
	Dry	Wet
1940	73.8	25.0

Ordnate	RELATIVE HUMIDITY		Psychrometer
	Road %	Can %	
81.7	68	81	Water 65

CODED MESSAGE FOR TRANSMISSION

72	11053	17731	02308	25320
1747	01806	70038	08014	01707
0945	56636	02106	40509	67751
0350	30146	2781	63311	26605
0207	04913	2004	01415	00715
1567	19010	20112	10401	2782
0217				

SURFACE OBSERVATION AT RELEASE

PRESSURE		CONTACT	
Station	Correction	Alt. Shelter	Dist. from
10.8	0	10.8	0

TEMPERATURE		RELATIVE HUMIDITY		WIND	
Dir	Sp	Wet	Dry	Direction	Speed
28.3	17.5	79	73	240	3

CLOUDS AND WEATHER

0 - 5  
100 70

6.730	-10.6
6.1	
3.8	4

50.94	35.29	-6.0
56.636	3.6	-13.7
0.6102	6	3

5180	-1.9
72	
75	1

746	
1185	1.2
11	
16	5

770	3.0
5	
20	1

70.458	52.24	7.6
0.5014	6.6	1.3
0.787	17.0	4

76.0	11.8
61	
175	3

1120	
71.04	35.0
75	
160	4

85.520	15.66	12.9
1747	7.8	14.0
0.1808	1.78	4.0

192	21.2
78	
190	5

620	24.4
78	
210	4

11053	11.2	22.3
27731	7.9	23.3
0.2506	22.0	4.7

1.1	28.3
7.7	24.3
24.0	3

PUNCHED CARD No. 3

PUNCHED CARD No. 2

PUNCHED CARD No. 1

REMARKS

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD	
DDmm	Altitude (gpm)	Temperature (°C)
TT <sub>g</sub> T <sub>h</sub>	Relative Humidity (%)	Dew Point (°C)
DDRT	Direction (degrees)	Wind Speed (knot)

LEGEND FOR PLOTTED CURVES

PA - Pressure - Altitude (geopotential meters)  
T - Temperature (°C) RH - Relative Humidity (%)

Drawn by: R. J. ...  
Verified by: S. A. ...  
Inspected by:

DATE AND RELEASE TIME

90	1962	JUL 29	0000
GCT	1962	JUL 29	0100

Station: **BURRWOOD, LOUISIANA**  
28° 58' N 89° 23' W  
Prepared by the Coast and Geodetic Survey, Washington D.C.

