

PROJECT 10073 RECORD CARD

1. DATE 29 Jul 62		2. LOCATION Ocean Springs, Mississippi		12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical ☐ Other <u>UNIDENTIFIED</u> ☐ Insufficient Data for Evaluation ☒ Unknown	
3. DATE-TIME GROUP Local _____ GMT 30/0520Z		4. TYPE OF OBSERVATION ☒ Ground-Visual ☐ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar			
5. PHOTOS ☐ Yes ☒ No		6. SOURCE civilian			
7. LENGTH OF OBSERVATION 10 minutes		8. NUMBER OF OBJECTS one		9. COURSE erratic	
10. BRIEF SUMMARY OF SIGHTING 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.				11. COMMENTS UNIDENTIFIED	

DATA BLOCK A										Constant Pressure Blocks			WB Form 510-14A (Revised 4-1-57)		WBAN-31A				
Punch Card No.	Type of ascent	Level No.	PRESSURE		TEMPERATURE		REL. HUM.		DEW POINT	Altitude of Significant Levels or Remarks	Punch Card No. 4			Punch Card No. 3		Punch Card No. 2		Punch Card No. 1	
			Contact	Obs.	Ordnate	Ascent	Ordnate	Including Corr. at 500 ft			Ordnate	Ordnate	Ordnate	Ordnate	Ordnate	Ordnate	Ordnate	Ordnate	Ordnate
80	D	1		1018		28.3		79	24.3	3	80509	7687	-17.1	67731	55	-22.2	02508	788	5
81	D	2		1118		67.2	17.5	82.2	78	7640	67731	55	-22.2	02508	788	5			
82	D	3		2118		67.2	17.5	82.2	78										
83	D	4		3618		67.2	17.5	82.2	78										
84	D	5		4718		67.2	17.5	82.2	78										
85	D	6		5818		67.2	17.5	82.2	78										
86	D	7		6918		67.2	17.5	82.2	78										
87	D	8		8018		67.2	17.5	82.2	78										
88	D	9		9118		67.2	17.5	82.2	78										
89	D	10																	
90	D	11																	
91	D	12																	
92	D	13																	
93	D	14																	
94	D	15																	

BASELINE CHECK READINGS

Time GCT	Ordnate	TEMPERATURE	
		Dry	Wet
1240	708		25.4

RELATIVE HUMIDITY

Ordnate	Rach %	Corr %	Psychrometer
81.7	68	1.1	65

CODED MESSAGE FOR TRANSMISSION

22	11053	77131	02208	25570
1747	01808	70058	08014	01707
0245	56136	00106	40509	67731
0350	30196	2281	03311	25570
0457	00913	2054	01415	00710
1567	19012	20112	40411	20412
04517				

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD
DDMM	Altitude (gpm)
TTT ₄ TT ₂	Temperature (°C)
RRH	Relative Humidity (%)
DDRR	Direction (degrees)
	Wind Speed (knots)

LEGEND FOR PLOTTED CURVES

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

Drawn by: R. P. D. T. S.
Verified by: S. A. S. M. S.
Inspected by:

DATE AND RELEASE TIME

Year	Month	Day	Time
90	1962	JUL 29	0100
GCT	1962	JUL 29	2102

Radioonde No. 7. G. D. V. X. Sequence No. 757

STATION

BURRWOOD, LOUISIANA

28° 58' N 89° 23' W

Lat. Long.

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

SURFACE OBSERVATION AT RELEASE

PRESSURE			CONTACT		
Station	Correction	at Shelter	Del. Alt.	Remarks	Remarks
1018	0	1018			

TEMPERATURE

Ordnate	Value
28.3	79

RELATIVE HUMIDITY

Ordnate	Value
79	24.3

WIND

Ordnate	Value
3	

CLOUDS AND WEATHER

① - ⑥
100 - 700

ADDITIONAL DATA

70458	5224	8.6
05014	60	1.3
0787	70	4

2640	11.8
11	3
171	3

1100	
7104	15.0
75	4
160	4

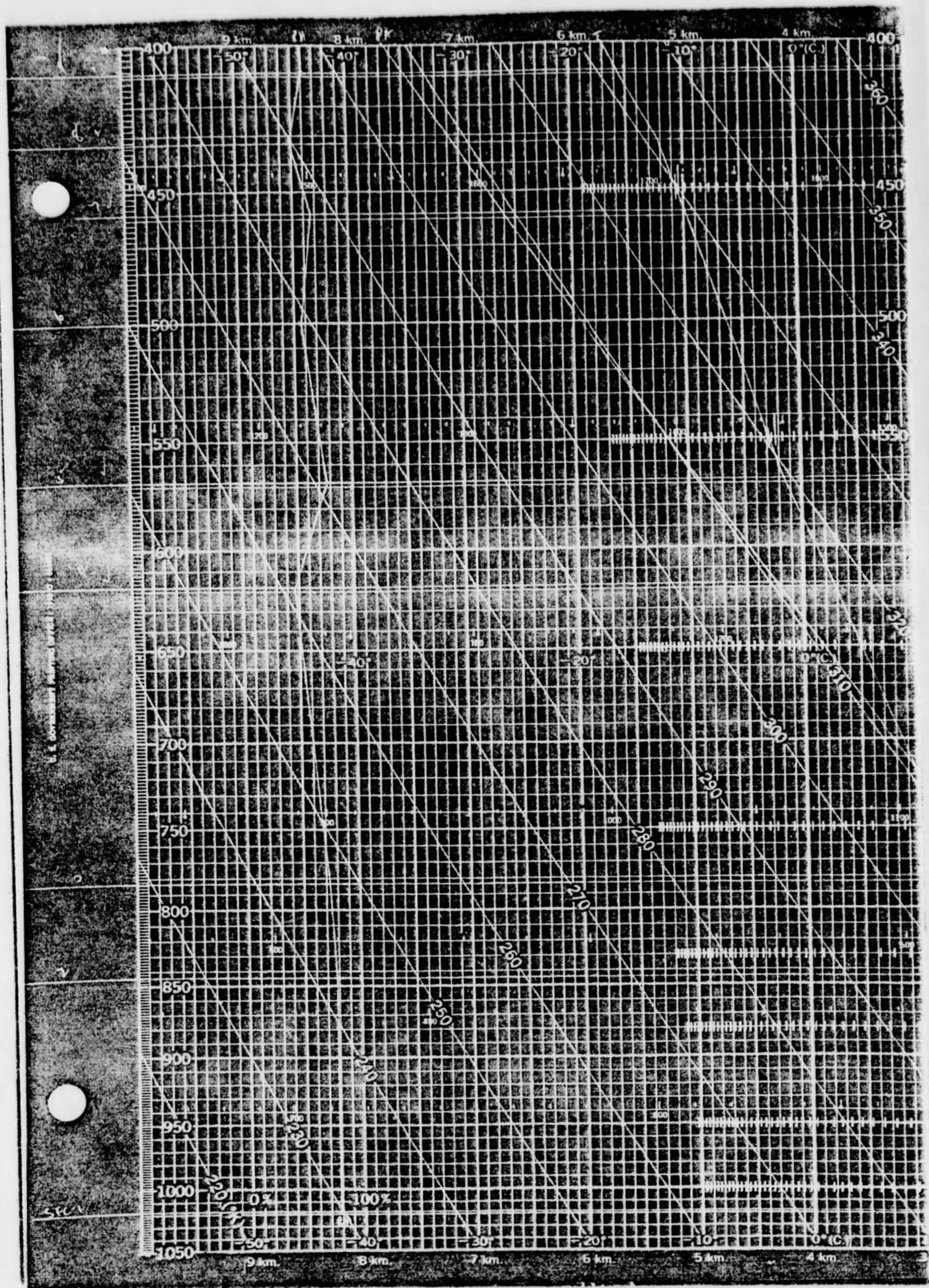
85520	1566	12.9
1749	78	14.0
01808	178	4

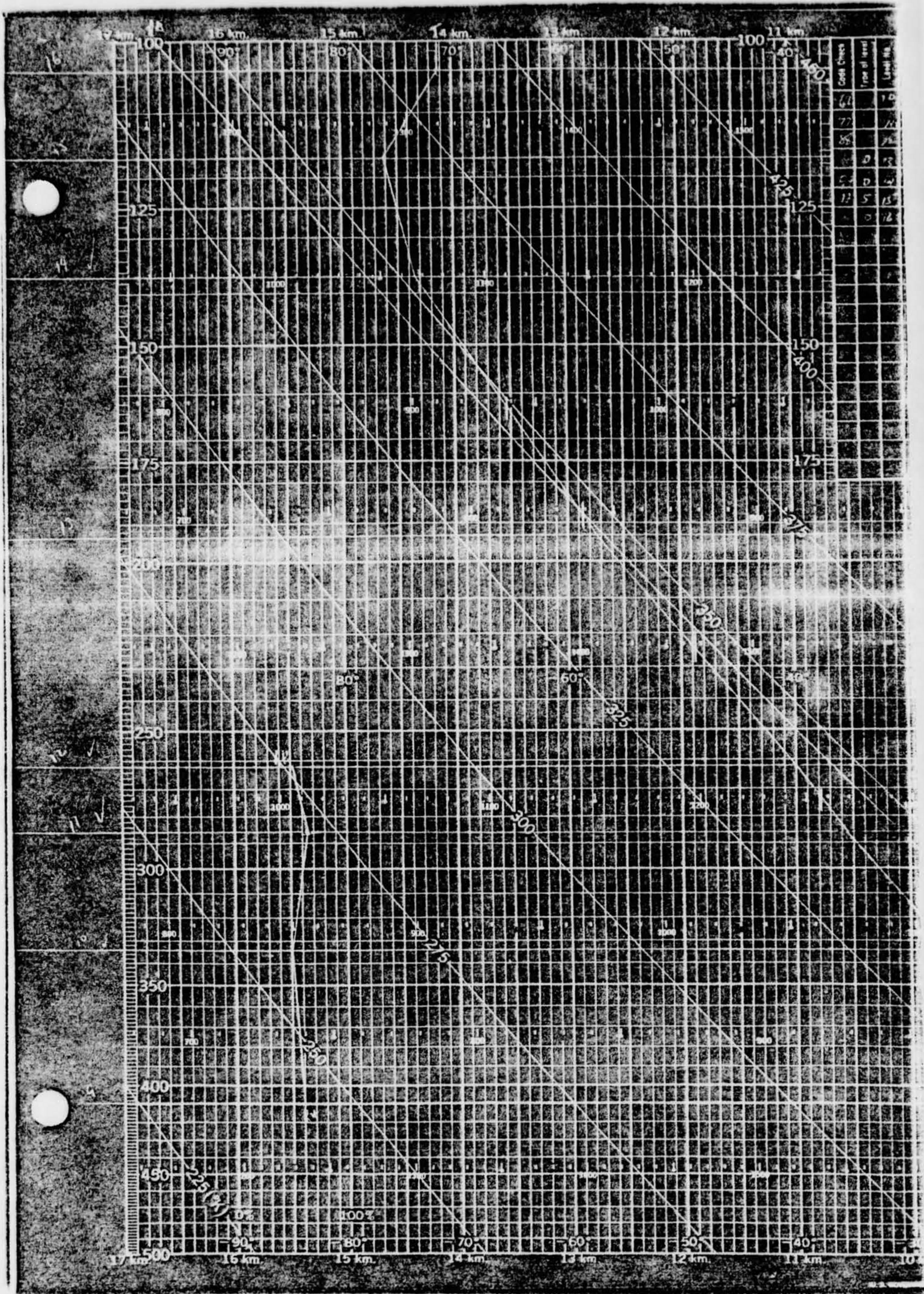
192	21.0
71	3
14	3

620	24.4
77	4
210	4

970		
11053	11.2	22.3
7721	79	23.3
02508	225	4

111	28.3
77	24.3
240	4





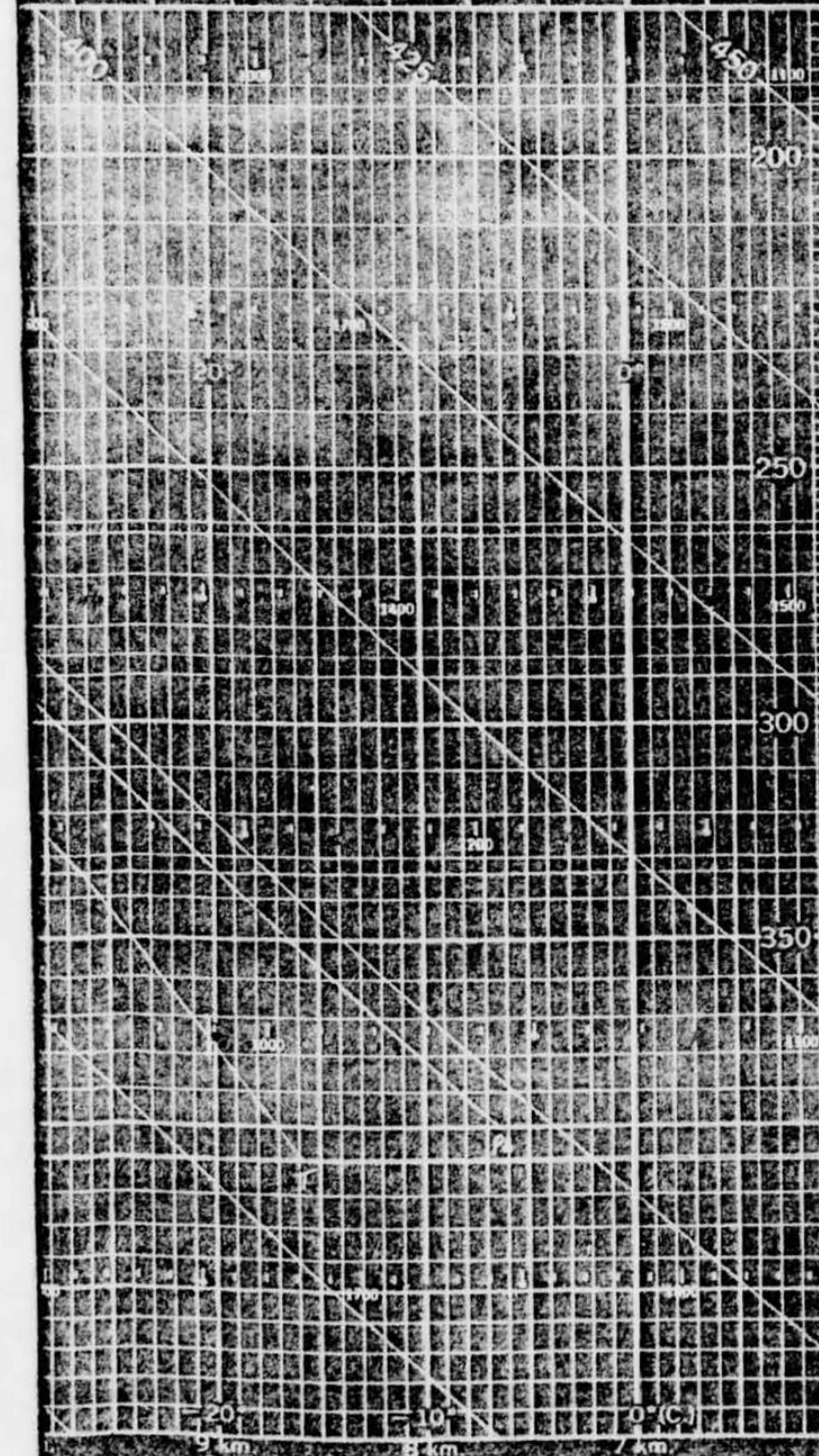
DATA BLOCK B

Constant Pressure Blocks

W 3 Form 510-44b (Revised 4-1-55)

WBAN-31B

PRESSURE		TEMPERATURE				REL HUM		DEW POINT	Altitude of significant level, or Remarks
mb	mm	Observed	Corrected	Direction	Corrected	Observed	Including Corr. of 0.5		
9.8	28.4	29.0	26.3			26.7	52	38.1	
2.6	28.6	32.0	25.5			25.0	64	39.5	
1.0	26.2	28.8	40.0			14.0	52	46.1	
0.5	17.2	27.0	57.1						12680
0.2	13.7	54.5	72.4						15780
0.1	10.7	8.5	76.2						16720
0.05	8.0	16.8	76.2						16900



1000	16.6	-74.2
278.2		
0.0817	71	8

15.7	12	-75.6
20		9

15.673	14.4	-69.2
15.712		
0.0172	2	6

20.093	15.17	-61.1
0.0717		
0.0226	21	7

25.619	17.95	-40.7
9.317		
0.0125	28	6

30.196	22.43	-33.0
8.881	60	-38.2
0.0101	732	5

37.05	36	
5		
321	2	

U.S. DEPARTMENT OF COMMERCE WEATHER BUREAU ADIABATIC CHART

Solar Radiation Corrections for Roth Temperatures

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

CODED MESSAGE FOR TRANSMISSION

0000	0000	0000	0000	0000	0000
0000	0000	0000	0000	0000	0000
0000	0000	0000	0000	0000	0000
0000	0000	0000	0000	0000	0000
0000	0000	0000	0000	0000	0000
0000	0000	0000	0000	0000	0000

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD
DOSEA	Altitude (gms)
TTT ₁ T ₂ T ₃	Temperature (°C)
DDdH	Direction (degrees) Speed (knots)

LEGEND FOR PLOTTED CURVES

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

Drawn by: J. R. S. + MS

Revised by: J. R. S. + MS

DATE AND RELEASE TIME

90	1962	JUL	29	00	00
000	1962	JUL	29	11	00

Reference No. 310-44b-1 Accession No. 454

Station

BURRWOOD, LOUISIANA

28° 58' N 89° 23' W

Prepared by the Coast and Geodetic Survey
Washington, D.C. 2057

ADIABATIC CHART

2965	-469
89	77

76721	-491
51	28

2	21270	-510
8	88	16

03903	24088	52.5
03905		
03908		

[illegible]

1967	-62.0
1981	-16

33850	36.7
72	27
1874	26.5

1958	1703	
32933	1797d	-70.5
	73	7

LEGEND FOR CONSTANT PRESSURE BLOCKS		
DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD	
0000	Amount (grams)	Temperature (°C)
1111	Amount (grams)	Temperature (°C)
0001	Reaction (original)	Time (seconds)

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

Drawn by P. J. 100-1

Verified by: S B S / MS

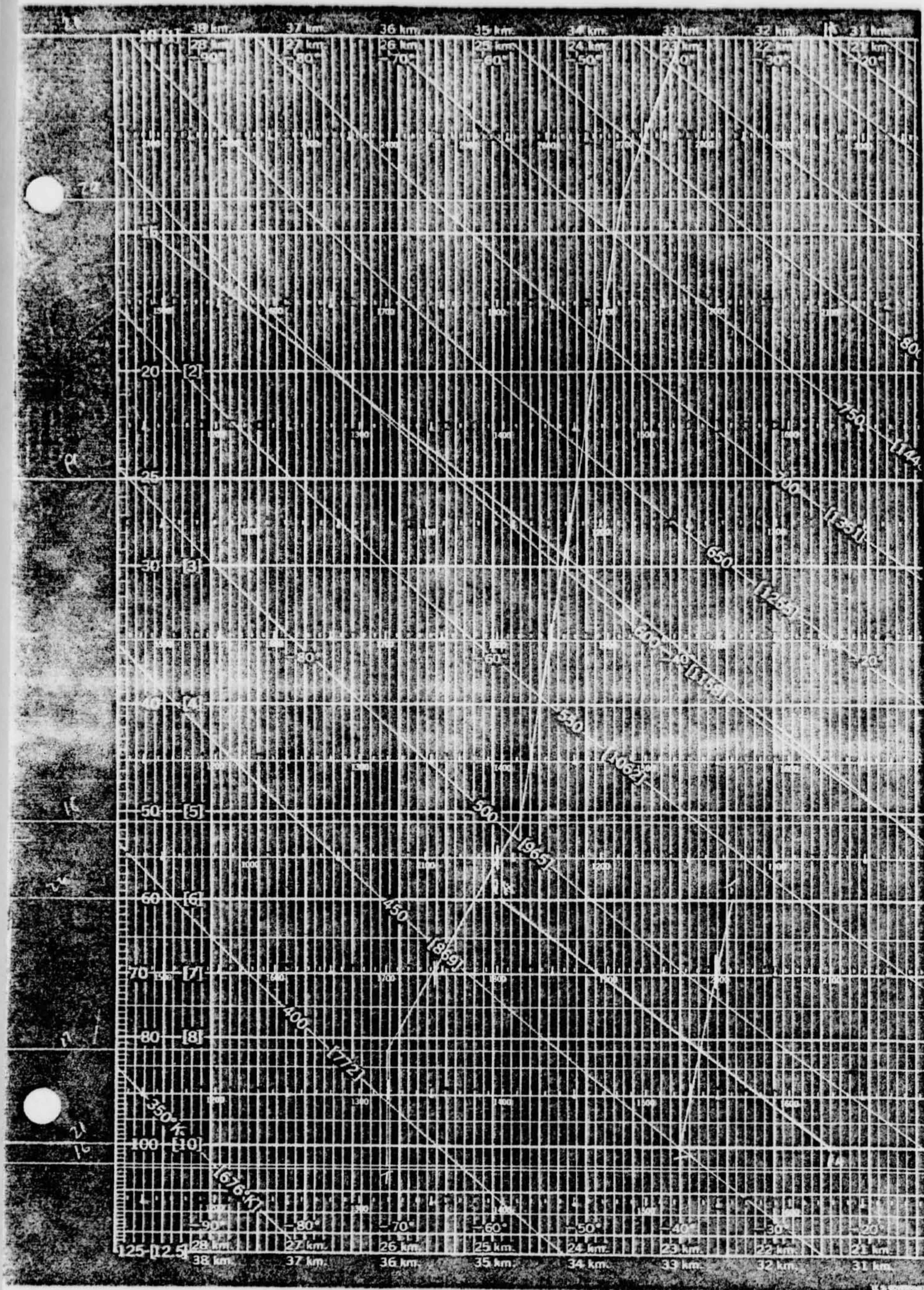
Inspected by _____

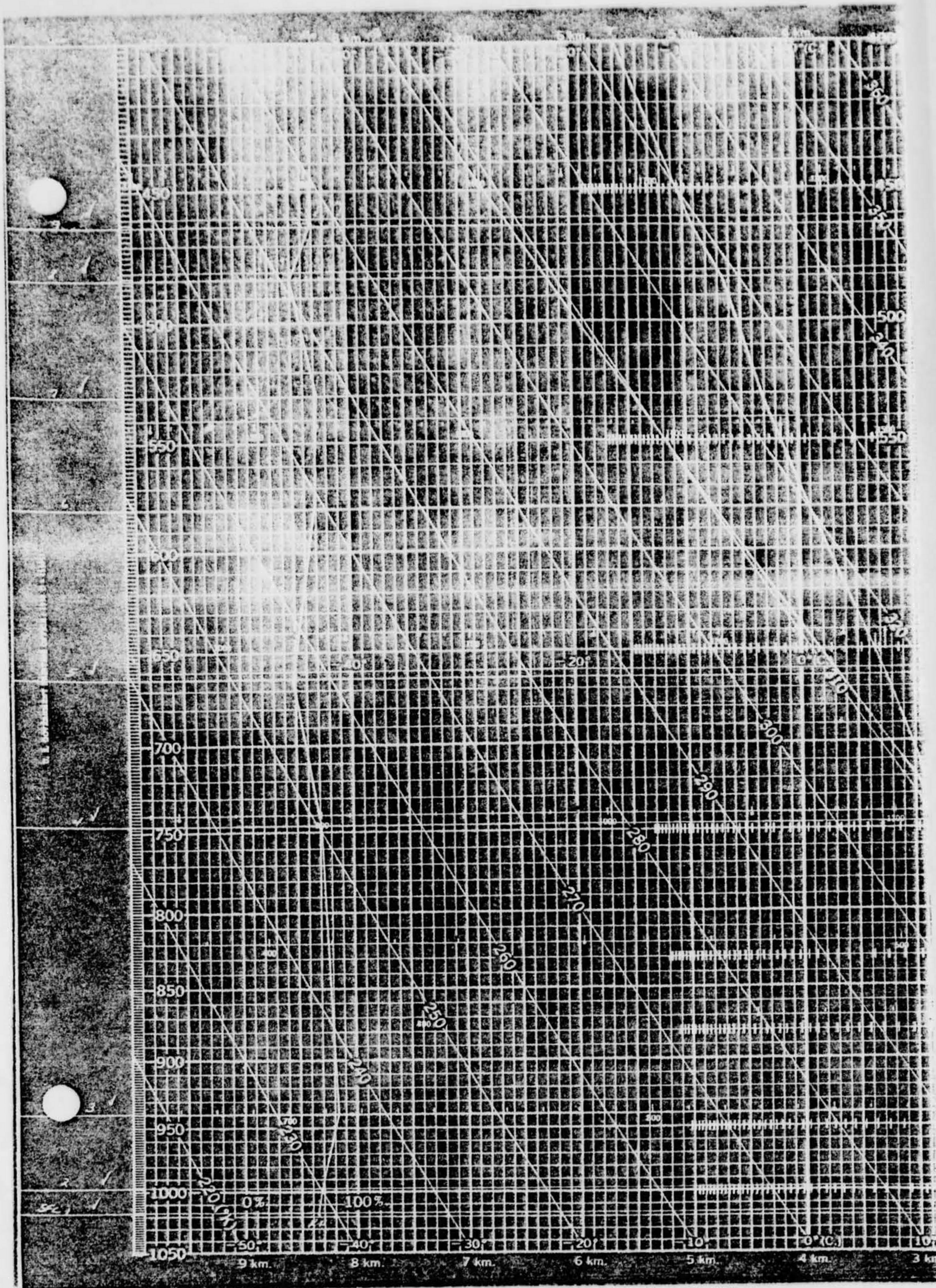
DATE AND RELEASE TIME				
	Year	Month	Day	Time
90	1962	JUL	24	01 02
GCT	1962	JUL	25	11 32
Radiosonde No. 715444		Reception No. 743		

Station **BURRWOOD, LOUISIANA**

28° 58' N 89° 23' W

Prepared by the Center for Economic Studies
Washington, D.C. 1997





DATA RECORD

Time	Temperature				Pressure				Wind	Clouds	Remarks
	Air	Surf	Wet Bulb	Dew Point	Barometer	Altimeter	Sea Level				
0000	20.0	20.0	18.0	18.0	1010.0	1010.0	1010.0	000	000		
0100	20.0	20.0	18.0	18.0	1010.0	1010.0	1010.0	000	000		
0200	20.0	20.0	18.0	18.0	1010.0	1010.0	1010.0	000	000		
0300	20.0	20.0	18.0	18.0	1010.0	1010.0	1010.0	000	000		
0400	20.0	20.0	18.0	18.0	1010.0	1010.0	1010.0	000	000		
0500	20.0	20.0	18.0	18.0	1010.0	1010.0	1010.0	000	000		
0600	20.0	20.0	18.0	18.0	1010.0	1010.0	1010.0	000	000		
0700	20.0	20.0	18.0	18.0	1010.0	1010.0	1010.0	000	000		
0800	20.0	20.0	18.0	18.0	1010.0	1010.0	1010.0	000	000		
0900	20.0	20.0	18.0	18.0	1010.0	1010.0	1010.0	000	000		
1000	20.0	20.0	18.0	18.0	1010.0	1010.0	1010.0	000	000		
1100	20.0	20.0	18.0	18.0	1010.0	1010.0	1010.0	000	000		
1200	20.0	20.0	18.0	18.0	1010.0	1010.0	1010.0	000	000		
1300	20.0	20.0	18.0	18.0	1010.0	1010.0	1010.0	000	000		
1400	20.0	20.0	18.0	18.0	1010.0	1010.0	1010.0	000	000		
1500	20.0	20.0	18.0	18.0	1010.0	1010.0	1010.0	000	000		
1600	20.0	20.0	18.0	18.0	1010.0	1010.0	1010.0	000	000		
1700	20.0	20.0	18.0	18.0	1010.0	1010.0	1010.0	000	000		
1800	20.0	20.0	18.0	18.0	1010.0	1010.0	1010.0	000	000		
1900	20.0	20.0	18.0	18.0	1010.0	1010.0	1010.0	000	000		
2000	20.0	20.0	18.0	18.0	1010.0	1010.0	1010.0	000	000		
2100	20.0	20.0	18.0	18.0	1010.0	1010.0	1010.0	000	000		
2200	20.0	20.0	18.0	18.0	1010.0	1010.0	1010.0	000	000		
2300	20.0	20.0	18.0	18.0	1010.0	1010.0	1010.0	000	000		

ADIABATIC CHART

BASELINE CHECK READINGS

Time	Temp	Humidity	Pressure
2200	72.3	32.3	1010.0

RELATIVE HUMIDITY

Observed	Temp	Humidity	Pressure
1.17	29	50	1010.0

CODED MESSAGE FOR TRANSMISSION

232 23051 0024 0006 0511
1953 07001 7057 0002 0710
00909 0531 0206 0450 0603
0306 3005 0003 0106 0613
0089 0000 2017 0313 0601
0503 1109 0050 1007 0606
0611
0555 0000 2255 1101 0611
0700 1101 0306 0000 0611
0700 0500 0000 0000 0611
0816

REMARKS

SURFACE OBSERVATION AT RELEASE

PRESSURE				CONTACT	
Station	Director	Altitude	Sea Level	Time	Remarks
1	0000	1010.0	1010.0	000	000

TEMPERATURE

Air	Surf	Wet Bulb	Dew Point
20.0	20.0	18.0	18.0

RELATIVE HUMIDITY

Observed	Temp	Humidity	Pressure
1.17	29	50	1010.0

CLOUDS AND WEATHER

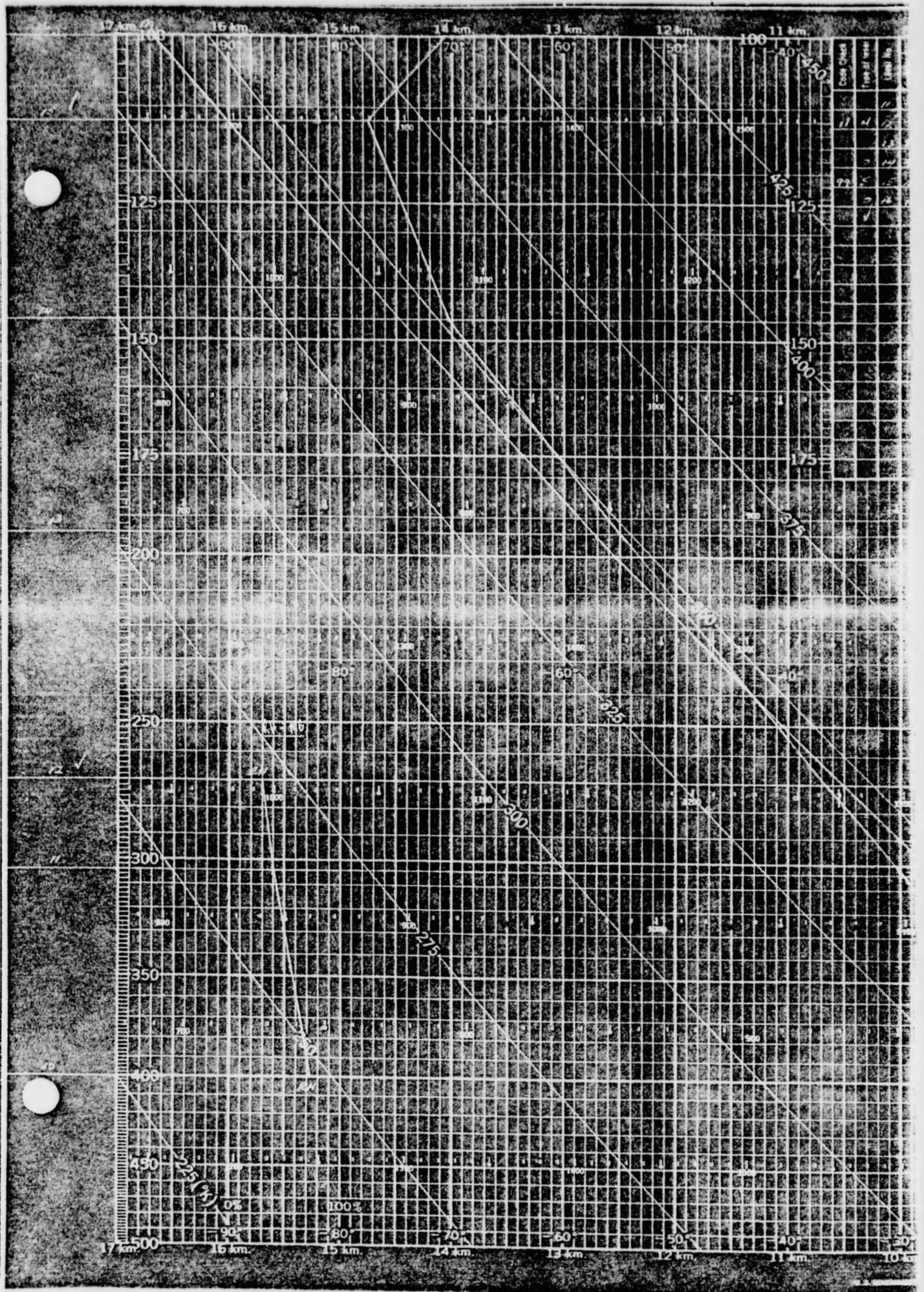
0000 0000

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD	
0000	Altitude (gpm)	Temperature (°C)
1101	Relative Humidity (%)	Dew Point (°C)
0001	Direction (degrees)	Speed (knots)

LEGEND FOR PLOTTED CURVES

PA - Pressure - Altitude (approximate values)
T - Temperature (°C)



DATA BLOCK 3

PRESSURE		TEMPERATURE			REL HUM	DEW POINT	Altitude of
Obs	Red	Obs	Corrected	Corrected	Obs	°C	Remarks
28.1	28.1	32.7			70	39.0	
27.6	27.6	30.3			70	47.7	16510
0	104	11.0	-25.0				
0	106	10.2	-20.2				14470
10	103	7.8	-22.5				16010
10	100	10.0	-20.0				16675
✓	✓	✓	✓	✓	✓	✓	✓

Constant Pressure Blocks

10470	16675	-70.0
28.1	32.7	70
00816	81	8

1296	16374	-74.6
58	8	

15673	4250	-65.7
1789		
00520	51	10

12364	606	
40	10	

20107	10339	-60.9
10189		
00710	69	5

30205	7149	-33.3
10493	39	-39.7
01306	133	3

1104	12.5	-22.7
51		
381		

PUNCHED CARD No. 6

U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU
ADIABATIC CHART

Solar Radiation Corrections for Raob Temperatures

1. Time, LST, at termination if between 390 and 151 mb, or at 150 mb, if terminating pressure 150 mb, or less	
2. Time, LST, at 80 mb, if reached	
3. Time, LST, at 20 mb, if reached	
4. Correction for TST	
5. Time, TST, algebraic sum of (1) & (4)	
6. Time, TST, algebraic sum of (2) & (4)	
7. Time, TST, algebraic sum of (3) & (4)	
8. Difference between (5) and Solar Noon	
9. Difference between (6) and Solar Noon	
10. Difference between (7) and Solar Noon	
11. Elevation angle of Sun for (8)	
12. Elevation angle of Sun for (9)	
13. Elevation angle of Sun for (10)	
14. a. Elapsed time from 150 to 10 mb, or to termination if between those levels	
b. Elapsed time from 30 to 10 mb	
c. " " " " " " " "	
d. " " " " " " " "	
e. " " " " " " " "	
15. a. Azimuthal angle corresponding to (14a)	
b. " " " " " " " "	
c. " " " " " " " "	
d. " " " " " " " "	
e. " " " " " " " "	

CODED MESSAGE FOR TRANSMISSION

00000	00000	00000	00000	00000
00000	00000	00000	00000	00000
00000	00000	00000	00000	00000
00000	00000	00000	00000	00000
00000	00000	00000	00000	00000
00000	00000	00000	00000	00000
00000	00000	00000	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
DDmm	Altitude (gpm)
TTTgTgTg	Temperature (°C)
RRRH	Relative Humidity (%)
DDHH	Dew Point (°C)
DDHH	Direction (degrees)
SSSS	Speed (knots)

LEGEND FOR PLOTTED CURVES

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

DATE AND RELEASE TIME

Year	Month	Day	Time
1962	JUL	29	1200
1962	JUL	29	1200

STATION

BURRWOOD, LOUISIANA

28° 58' N 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: CCDDPD

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

1 Atch
Photocopies

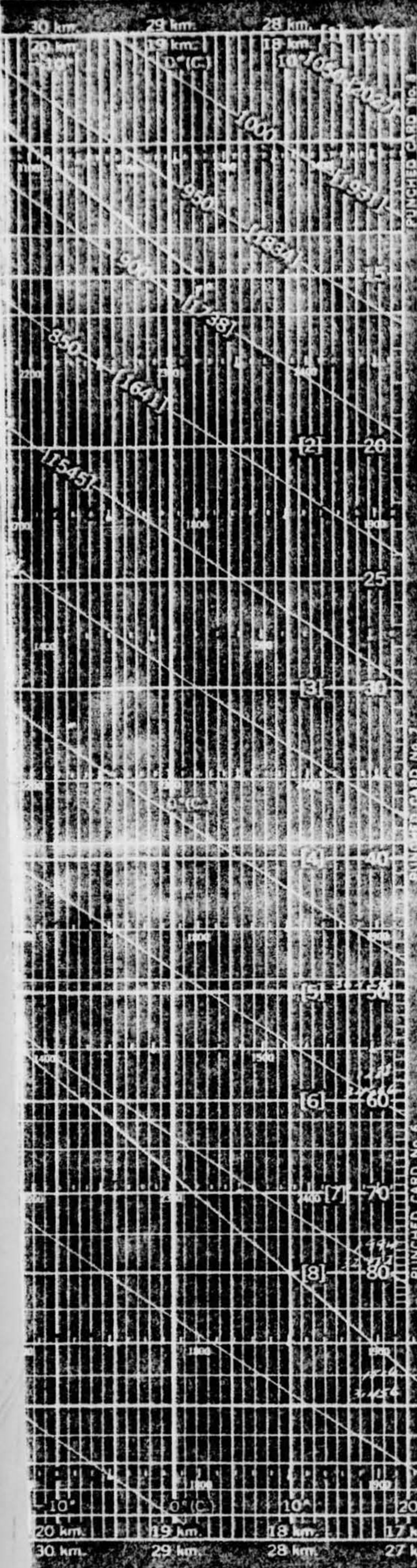
Constant Pressure Blocks

W. B. Form 510-146 (Revised 6-1-57)

WEAN-31C

U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU

ADIABATIC CHART



PUNCHED CARD No. 1

Pressure	1000
Temperature	15

PUNCHED CARD No. 2

Pressure	950
Temperature	10

PUNCHED CARD No. 3

Pressure	900
Temperature	5

PUNCHED CARD No. 4

Pressure	850
Temperature	0

PUNCHED CARD No. 5

Pressure	800
Temperature	-5

PUNCHED CARD No. 6

Pressure	750
Temperature	-10

PUNCHED CARD No. 7

Pressure	700
Temperature	-15

PUNCHED CARD No. 8

Pressure	650
Temperature	-20

PUNCHED CARD No. 9

Pressure	600
Temperature	-25

PUNCHED CARD No. 10

Pressure	550
Temperature	-30

PUNCHED CARD No. 11

Pressure	500
Temperature	-35

PUNCHED CARD No. 12

Pressure	450
Temperature	-40

PUNCHED CARD No. 13

Pressure	400
Temperature	-45

PUNCHED CARD No. 14

Pressure	350
Temperature	-50

PUNCHED CARD No. 15

Pressure	300
Temperature	-55

PUNCHED CARD No. 16

Pressure	250
Temperature	-60

PUNCHED CARD No. 17

Pressure	200
Temperature	-65

PUNCHED CARD No. 18

Pressure	150
Temperature	-70

PUNCHED CARD No. 19

Pressure	100
Temperature	-75

DATA BLOCK

Card No.	Type of Data	PRESSURE		TEMPERATURE		Remarks
		Observed	Interpolated	Observed	Interpolated	
11	1	1000	1000	15	15	
12	1	950	950	10	10	
13	1	900	900	5	5	
14	1	850	850	0	0	
15	1	800	800	-5	-5	
16	1	750	750	-10	-10	
17	1	700	700	-15	-15	
18	1	650	650	-20	-20	
19	1	600	600	-25	-25	
20	1	550	550	-30	-30	
21	1	500	500	-35	-35	
22	1	450	450	-40	-40	
23	1	400	400	-45	-45	
24	1	350	350	-50	-50	
25	1	300	300	-55	-55	
26	1	250	250	-60	-60	
27	1	200	200	-65	-65	
28	1	150	150	-70	-70	
29	1	100	100	-75	-75	
30	1	500	500	15	15	
31	1	450	450	10	10	
32	1	400	400	5	5	
33	1	350	350	0	0	
34	1	300	300	-5	-5	
35	1	250	250	-10	-10	
36	1	200	200	-15	-15	
37	1	150	150	-20	-20	
38	1	100	100	-25	-25	
39	1	500	500	-30	-30	
40	1	450	450	-35	-35	
41	1	400	400	-40	-40	
42	1	350	350	-45	-45	
43	1	300	300	-50	-50	
44	1	250	250	-55	-55	
45	1	200	200	-60	-60	
46	1	150	150	-65	-65	
47	1	100	100	-70	-70	
48	1	500	500	-75	-75	
49	1	450	450	-80	-80	
50	1	400	400	-85	-85	
51	1	350	350	-90	-90	
52	1	300	300	-95	-95	
53	1	250	250	-100	-100	
54	1	200	200	-105	-105	
55	1	150	150	-110	-110	
56	1	100	100	-115	-115	
57	1	500	500	-120	-120	
58	1	450	450	-125	-125	
59	1	400	400	-130	-130	
60	1	350	350	-135	-135	
61	1	300	300	-140	-140	
62	1	250	250	-145	-145	
63	1	200	200	-150	-150	
64	1	150	150	-155	-155	
65	1	100	100	-160	-160	
66	1	500	500	-165	-165	
67	1	450	450	-170	-170	
68	1	400	400	-175	-175	
69	1	350	350	-180	-180	
70	1	300	300	-185	-185	
71	1	250	250	-190	-190	
72	1	200	200	-195	-195	
73	1	150	150	-200	-200	
74	1	100	100	-205	-205	
75	1	500	500	-210	-210	
76	1	450	450	-215	-215	
77	1	400	400	-220	-220	
78	1	350	350	-225	-225	
79	1	300	300	-230	-230	
80	1	250	250	-235	-235	
81	1	200	200	-240	-240	
82	1	150	150	-245	-245	
83	1	100	100	-250	-250	
84	1	500	500	-255	-255	
85	1	450	450	-260	-260	
86	1	400	400	-265	-265	
87	1	350	350	-270	-270	
88	1	300	300	-275	-275	
89	1	250	250	-280	-280	
90	1	200	200	-285	-285	
91	1	150	150	-290	-290	
92	1	100	100	-295	-295	
93	1	500	500	-300	-300	
94	1	450	450	-305	-305	
95	1	400	400	-310	-310	
96	1	350	350	-315	-315	
97	1	300	300	-320	-320	
98	1	250	250	-325	-325	
99	1	200	200	-330	-330	
100	1	150	150	-335	-335	

REMARKS

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD
QNH	QNH (mb)
QFE	QFE (mb)
QFF	QFF (mb)
QSLP	QSLP (mb)
QSLP2	QSLP2 (mb)
QSLP3	QSLP3 (mb)
QSLP4	QSLP4 (mb)
QSLP5	QSLP5 (mb)
QSLP6	QSLP6 (mb)
QSLP7	QSLP7 (mb)
QSLP8	QSLP8 (mb)
QSLP9	QSLP9 (mb)
QSLP10	QSLP10 (mb)
QSLP11	QSLP11 (mb)
QSLP12	QSLP12 (mb)
QSLP13	QSLP13 (mb)
QSLP14	QSLP14 (mb)
QSLP15	QSLP15 (mb)
QSLP16	QSLP16 (mb)
QSLP17	QSLP17 (mb)
QSLP18	QSLP18 (mb)
QSLP19	QSLP19 (mb)
QSLP20	QSLP20 (mb)
QSLP21	QSLP21 (mb)
QSLP22	QSLP22 (mb)
QSLP23	QSLP23 (mb)
QSLP24	QSLP24 (mb)
QSLP25	QSLP25 (mb)
QSLP26	QSLP26 (mb)
QSLP27	QSLP27 (mb)
QSLP28	QSLP28 (mb)
QSLP29	QSLP29 (mb)
QSLP30	QSLP30 (mb)
QSLP31	QSLP31 (mb)
QSLP32	QSLP32 (mb)
QSLP33	QSLP33 (mb)
QSLP34	QSLP34 (mb)
QSLP35	QSLP35 (mb)
QSLP36	QSLP36 (mb)
QSLP37	QSLP37 (mb)
QSLP38	QSLP38 (mb)
QSLP39	QSLP39 (mb)
QSLP40	QSLP40 (mb)
QSLP41	QSLP41 (mb)
QSLP42	QSLP42 (mb)
QSLP43	QSLP43 (mb)
QSLP44	QSLP44 (mb)
QSLP45	QSLP45 (mb)
QSLP46	QSLP46 (mb)
QSLP47	QSLP47 (mb)
QSLP48	QSLP48 (mb)
QSLP49	QSLP49 (mb)
QSLP50	QSLP50 (mb)
QSLP51	QSLP51 (mb)
QSLP52	QSLP52 (mb)
QSLP53	QSLP53 (mb)
QSLP54	QSLP54 (mb)
QSLP55	QSLP55 (mb)
QSLP56	QSLP56 (mb)
QSLP57	QSLP57 (mb)
QSLP58	QSLP58 (mb)
QSLP59	QSLP59 (mb)
QSLP60	QSLP60 (mb)
QSLP61	QSLP61 (mb)
QSLP62	QSLP62 (mb)
QSLP63	QSLP63 (mb)
QSLP64	QSLP64 (mb)
QSLP65	QSLP65 (mb)
QSLP66	QSLP66 (mb)
QSLP67	QSLP67 (mb)
QSLP68	QSLP68 (mb)
QSLP69	QSLP69 (mb)
QSLP70	QSLP70 (mb)
QSLP71	QSLP71 (mb)
QSLP72	QSLP72 (mb)
QSLP73	QSLP73 (mb)
QSLP74	QSLP74 (mb)
QSLP75	QSLP75 (mb)
QSLP76	QSLP76 (mb)
QSLP77	QSLP77 (mb)
QSLP78	QSLP78 (mb)
QSLP79	QSLP79 (mb)
QSLP80	QSLP80 (mb)
QSLP81	QSLP81 (mb)
QSLP82	QSLP82 (mb)
QSLP83	QSLP83 (mb)
QSLP84	QSLP84 (mb)
QSLP85	QSLP85 (mb)
QSLP86	QSLP86 (mb)
QSLP87	QSLP87 (mb)
QSLP88	QSLP88 (mb)
QSLP89	QSLP89 (mb)
QSLP90	QSLP90 (mb)
QSLP91	QSLP91 (mb)
QSLP92	QSLP92 (mb)
QSLP93	QSLP93 (mb)
QSLP94	QSLP94 (mb)
QSLP95	QSLP95 (mb)
QSLP96	QSLP96 (mb)
QSLP97	QSLP97 (mb)
QSLP98	QSLP98 (mb)
QSLP99	QSLP99 (mb)
QSLP100	QSLP100 (mb)

LEGEND FOR PLOTTED CURVES

PA	Pressure-Altitude
TA	Temperature-Altitude
Q	QNH, QFE, QFF, QSLP, QSLP2, QSLP3, QSLP4, QSLP5, QSLP6, QSLP7, QSLP8, QSLP9, QSLP10, QSLP11, QSLP12, QSLP13, QSLP14, QSLP15, QSLP16, QSLP17, QSLP18, QSLP19, QSLP20, QSLP21, QSLP22, QSLP23, QSLP24, QSLP25, QSLP26, QSLP27, QSLP28, QSLP29, QSLP30, QSLP31, QSLP32, QSLP33, QSLP34, QSLP35, QSLP36, QSLP37, QSLP38, QSLP39, QSLP40, QSLP41, QSLP42, QSLP43, QSLP44, QSLP45, QSLP46, QSLP47, QSLP48, QSLP49, QSLP50, QSLP51, QSLP52, QSLP53, QSLP54, QSLP55, QSLP56, QSLP57, QSLP58, QSLP59, QSLP60, QSLP61, QSLP62, QSLP63, QSLP64, QSLP65, QSLP66, QSLP67, QSLP68, QSLP69, QSLP70, QSLP71, QSLP72, QSLP73, QSLP74, QSLP75, QSLP76, QSLP77, QSLP78, QSLP79, QSLP80, QSLP81, QSLP82, QSLP83, QSLP84, QSLP85, QSLP86, QSLP87, QSLP88, QSLP89, QSLP90, QSLP91, QSLP92, QSLP93, QSLP94, QSLP95, QSLP96, QSLP97, QSLP98, QSLP99, QSLP100

Drawn by W. B. Form
Verified by D. P. GLENNONS
Inspected by

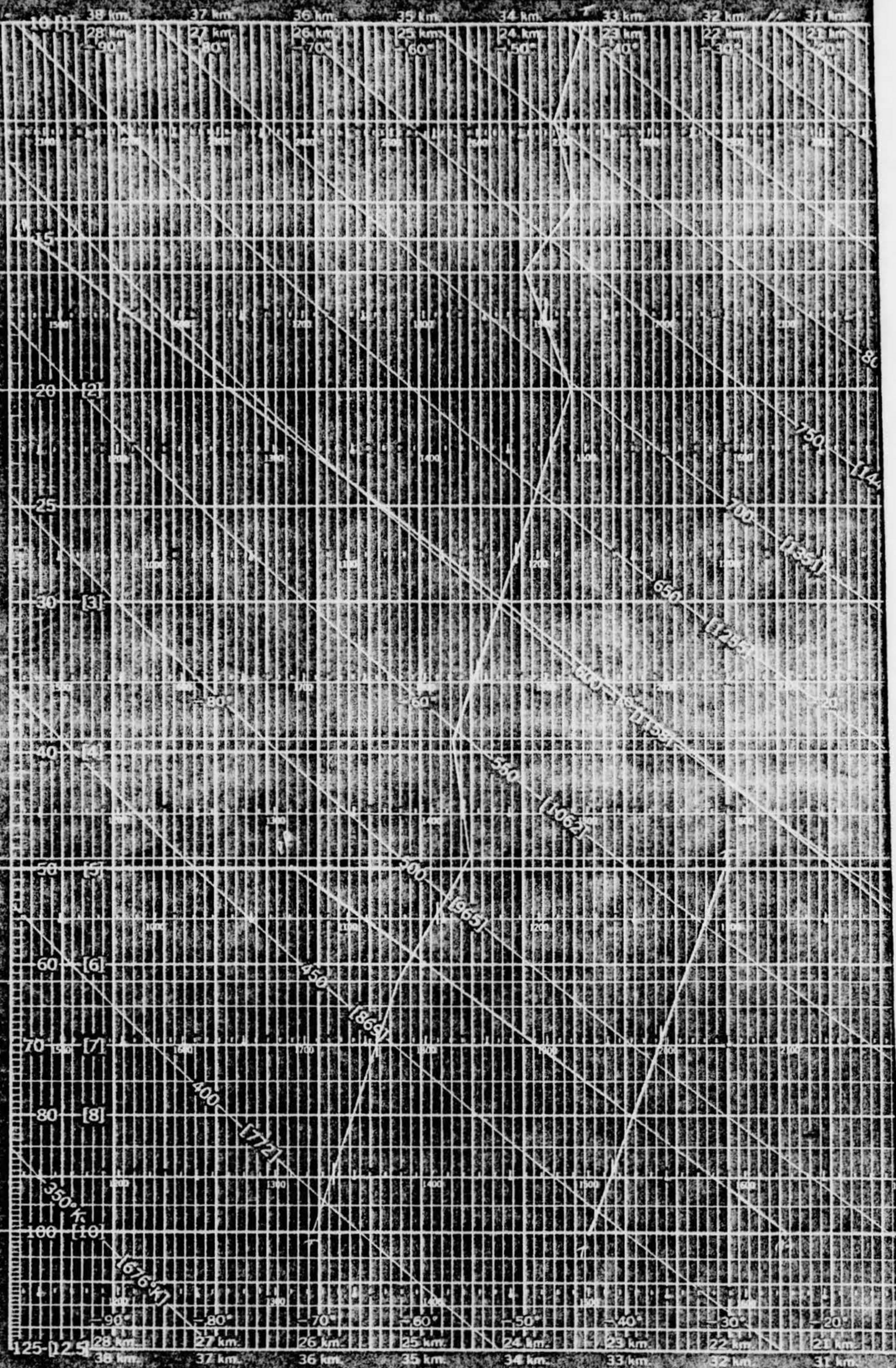
DATE AND RELEASE TIME

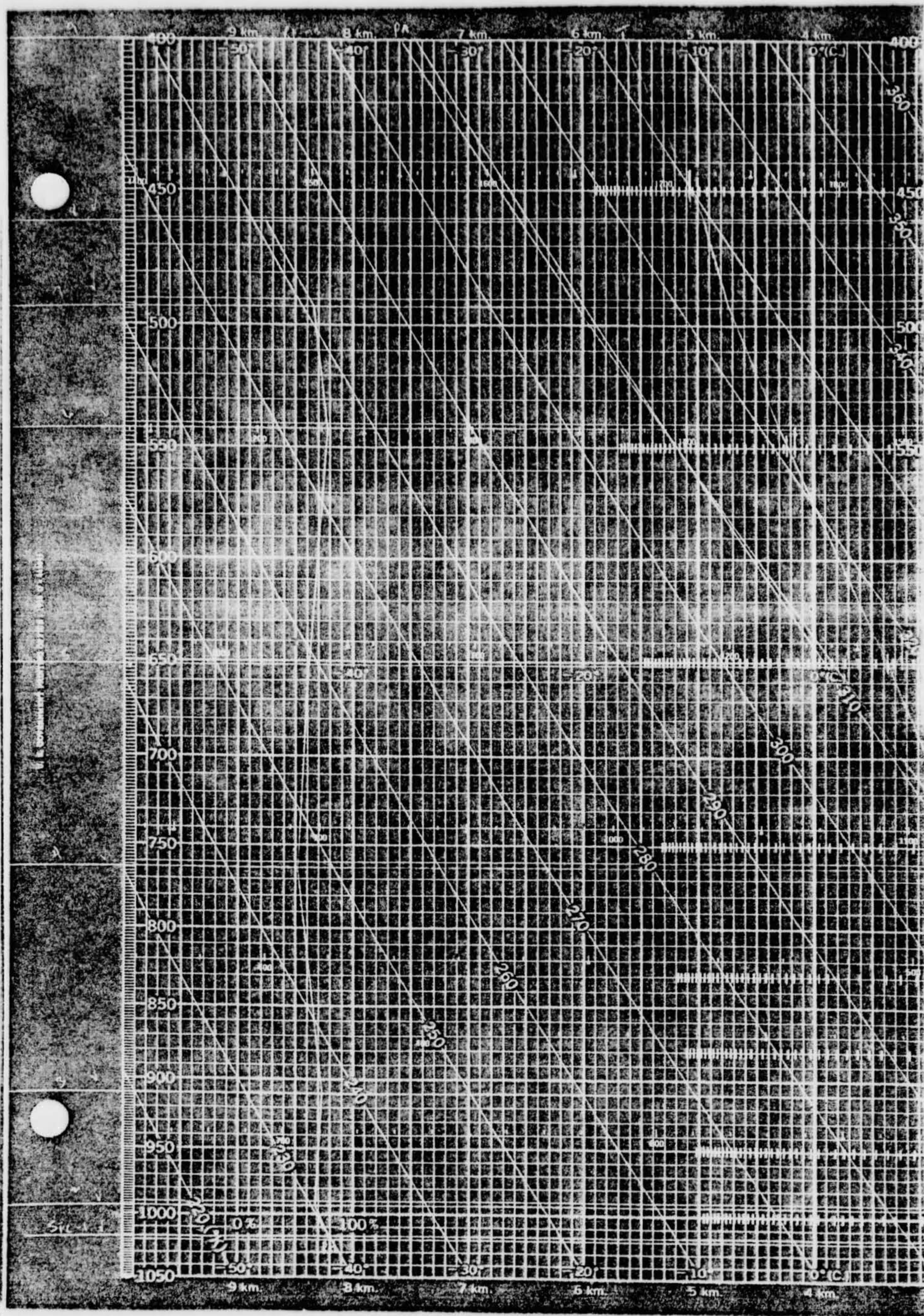
Year	Month	Day	Time
1962	JUL	20	1712
1962	JUL	20	1712

Radiosonde No. T-057055 Receiver No. 100

Station
BURRWOOD, LOUISIANA
28° 58' N 89° 25' W
Elev. 100 ft

Processed by the Central Weather Bureau, Washington, D.C. 1962





ADIABATIC CHART

ADIABATIC CHART

Time G.C.T.		TEMPERATURE	
		Dry	Wet
1640	75.8	80.0	75.5 °C

RELATIVE HUMIDITY			W. S.
Ordinate	Rach %	Dew %	Psychrometer
			Ice
E. 9	89	44	Water 7.0

[illegible]

1992

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHING CARD	
00000	Altitude (feet)	Temperature (°C)
11 1 1 1 1	Relative Humidity (%)	Dew Point (°C)
0000	Direction (degrees)	Speed (msec)

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

Drawn by P. P. T. T. T.

Verified by:

Inspected by _____

IN	NAME	MONTH	DAY	YEAR
90	1862	JUL	30	1862
91	1862	JUL	30	1862

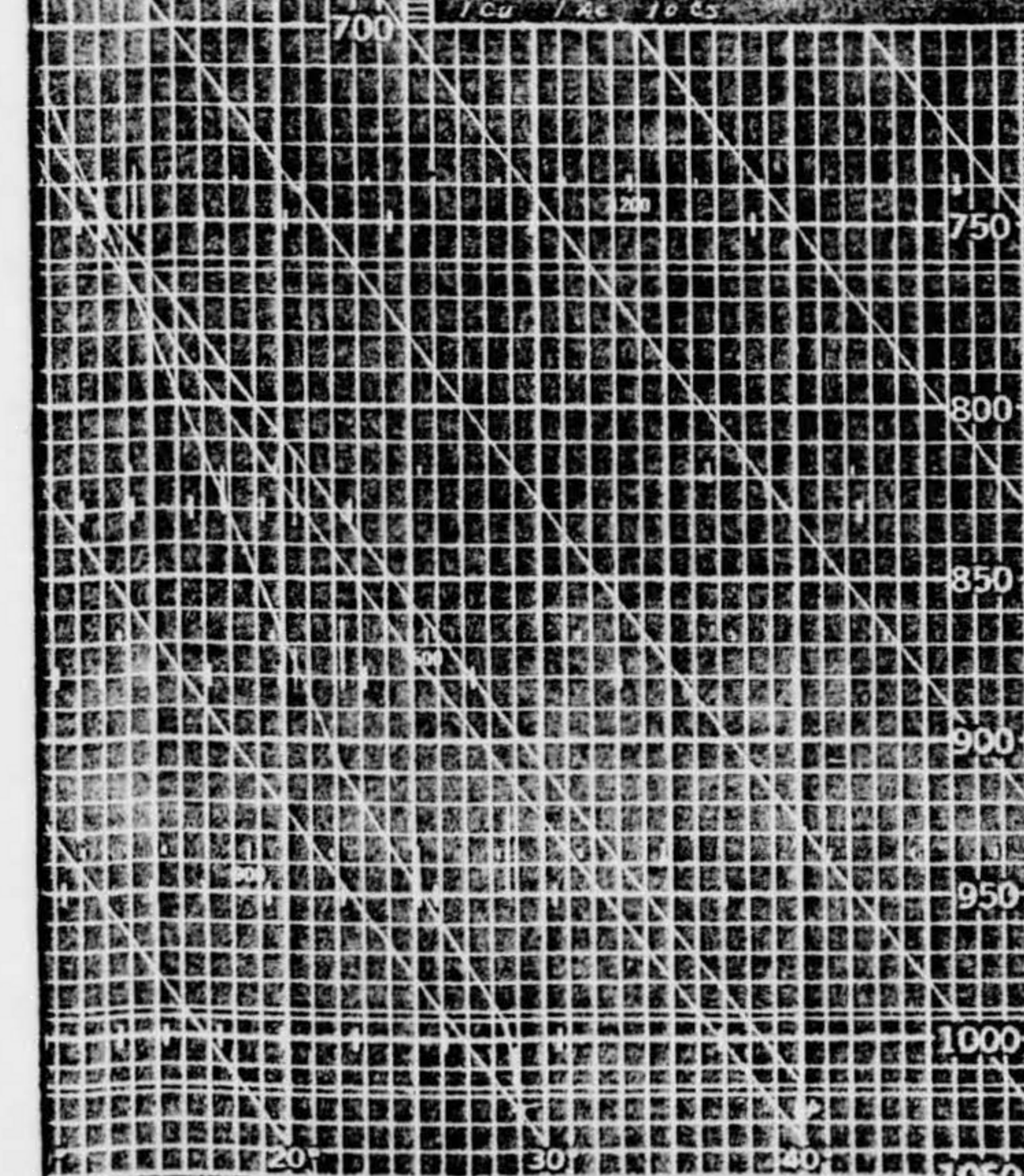
PUNCHED	Station	BURRWOOD, LOUISIANA
	Lat	28° 58' N 89° 23' W

Produced by the Census and Economic Survey
Bureau, Washington, D.C. 20540

[illegible][illegible]

TEMPERATURE		HUMIDITY		WIND	
1	2	1	2	1	2

① ② ③



m. 2 km. 1 km. MSL 1050

NO 512	765P	-16.2
668X3	(17)	NA
0 0118	11	10

6720	-10.5
(51)	X
7	8

50543	5512	26.7
56618	69	-11.6
01414	35	8

5180	-2.2
77	X
33	5

5	1/2	40	7.1
6	1/2	40	7.1



70 059	3.2	5.9
09 019	37	1.5
0 0504	77	2

2640	130
53	X
57	2

1127	
2103	16
57	X
188	1

85	51	15	15
1612	1	65	72

1084	21
72	X

600	25
70	1

11	050	53	71
18225		71	23

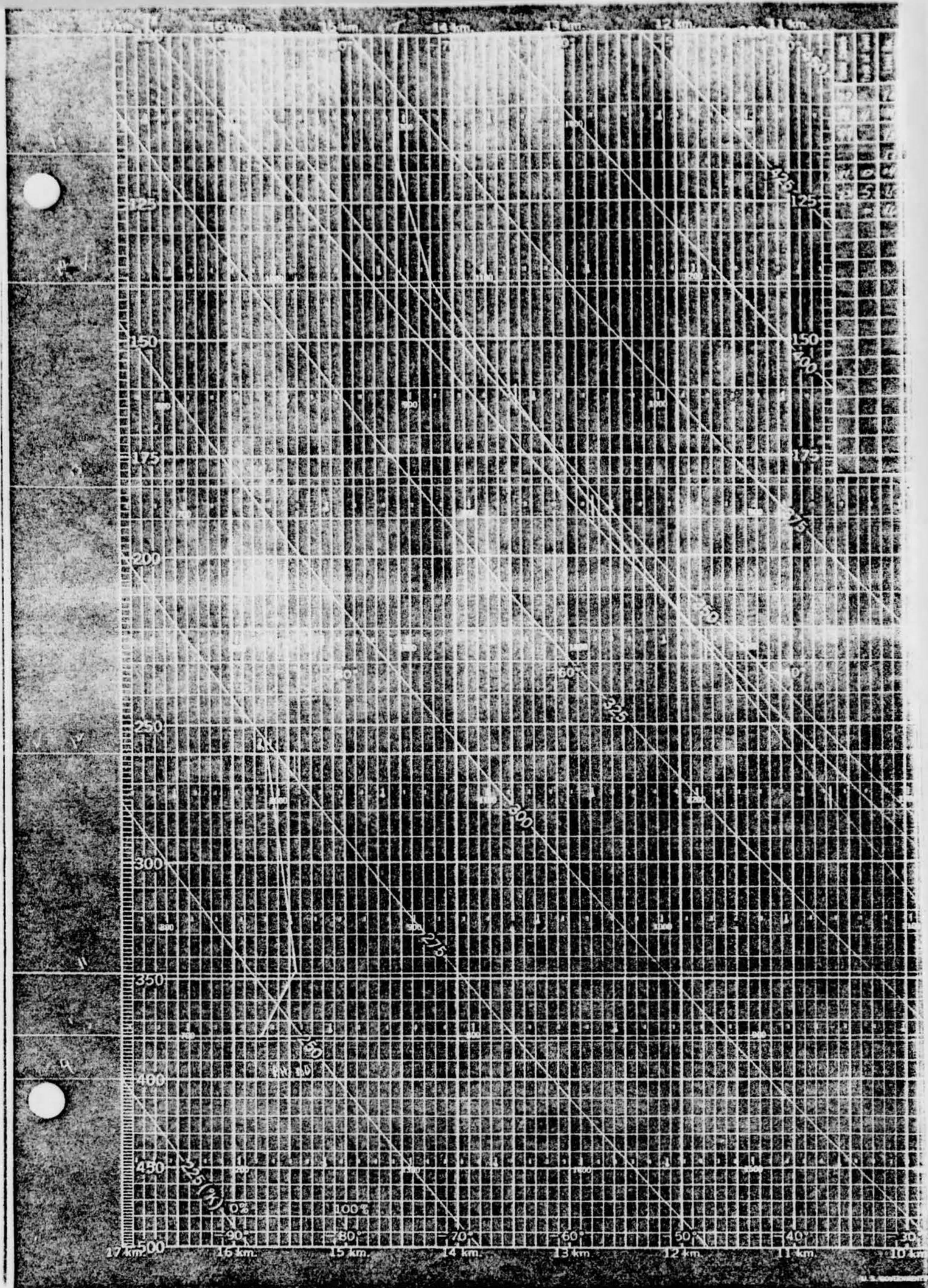
10.7	29
7.1	25
7.5	2

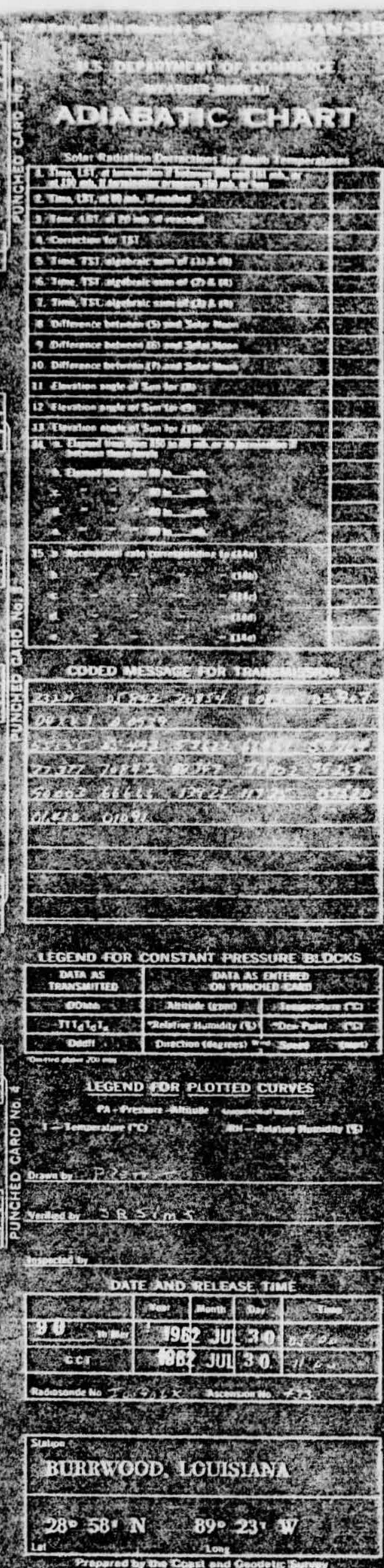
PUNCHED CARD NO. 4

THE UNIVERSITY OF CHICAGO

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DATA BLOCK A

TIME	DATE	STATION	PRESSURE		TEMPERATURE		REL HUM		DEW POINT	ALTITUDE of Significant Levels or Remarks
			Contact	Mo	Drigrate	Ascent	Drigrate	Including Corr. of		
00	0	1		10.7		29.0		79	25.0	3
01	0	2	5.0	19.3	70.2	28.5	80.9	68	26.0	220
02	0	3	7.0	5.0	69.5	22.2	80.8	72	16.5	980
03	0	4	23.0	7.0	68.5	10.0	80.5	82	4.5	
04	0	5	33.0	6.0	67.4	6.1	65.1	61		
05	4	6	44.0	5.0	55.2	-3.0	76.0	78	-6.3	5310
06	0	7	45.0	2.0	52.2	-7.5	63.2	66	-12.5	
07	0	8	53.0	16.0	57.3	-9.4	50.0	22	-16.5	
08	0	9	66.0	4.0	46.4	-16.3	MB	(17)	MB	7658
09										
10										
11										
12										
13										
14										
15										

SURFACE OBSERVATION AT RELEASE

PRESSURE			CONTACT		
Station	Correction	at Station	Station	Correction	at Station
10.7		10.7	10.7		10.7

TEMPERATURE RELATIVE HUMIDITY WIND

Temp	Rel Hum	Wind
29.0	79	25.0

CLOUDS AND WEATHER

00 00 00

1000 1000 1000

200 200 200

750 750 750

800 800 800

850 850 850

900 900 900

950 950 950

1000 1000 1000

1050 1050 1050

24km 1km MSI

Constant Pressure Blocks

40	50	60
5.2	7.6	16.3
6.6	11.5	MB
0.0179	4.1	1.0

U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU
ADIABATIC CHART

BASELINE CHECK READINGS

Time G.C.T.	TEMPERATURE		
	Drigrate	Dry	Wet
1040	70.7	30.0	25.5

RELATIVE HUMIDITY

Drigrate	Wet	Dry	Psychrometer
61.9	6.9	1.1	Wet 70

CODED MESSAGE FOR TRANSMISSION

702 11050 28779 2209 6551

1121 02002 70058 07019 00007

50709 9804 00016 20512 61005

00119 00000 71908 07016 22005

72012 00019 20099 07016 22005

15005 11002 00017 10005 00005

00022

00018 00019 11000 11000 22005

00000 22005 31005 11000 00005

00001 11000 00005 11000 00005

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD	
0000	Altitude (gms)	Temperature (C)
01 1000	Relative Humidity (C)	Dew Point (C)
0001	Direction (Degrees)	Speed (knots)

LEGEND FOR PLOTTED CURVES

PA - Pressure - Altitude (uncorrected)

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

DATE AND RELEASE TIME

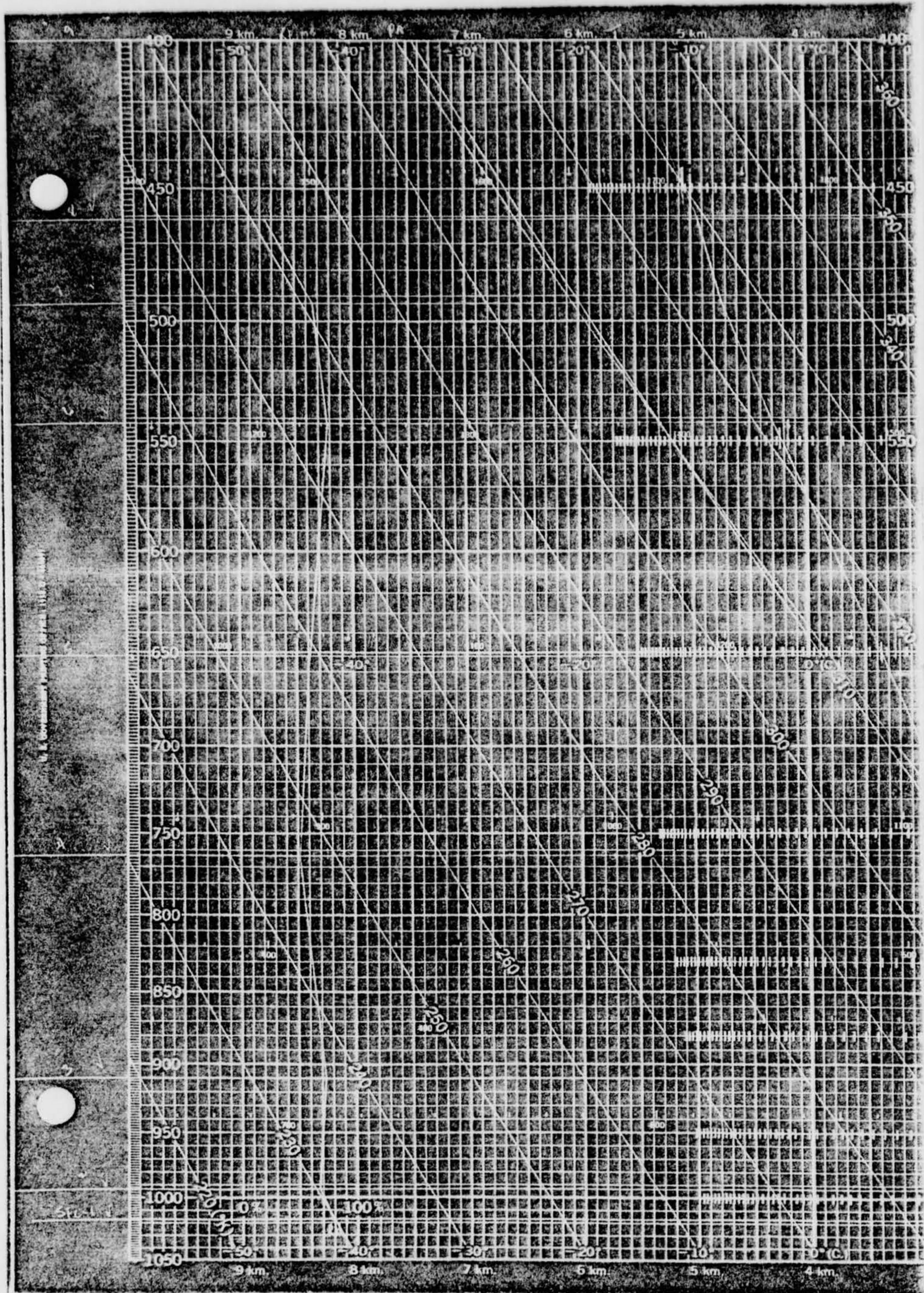
Year	Month	Day	Time
1962	JUL	30	1040
1962	JUL	30	1040

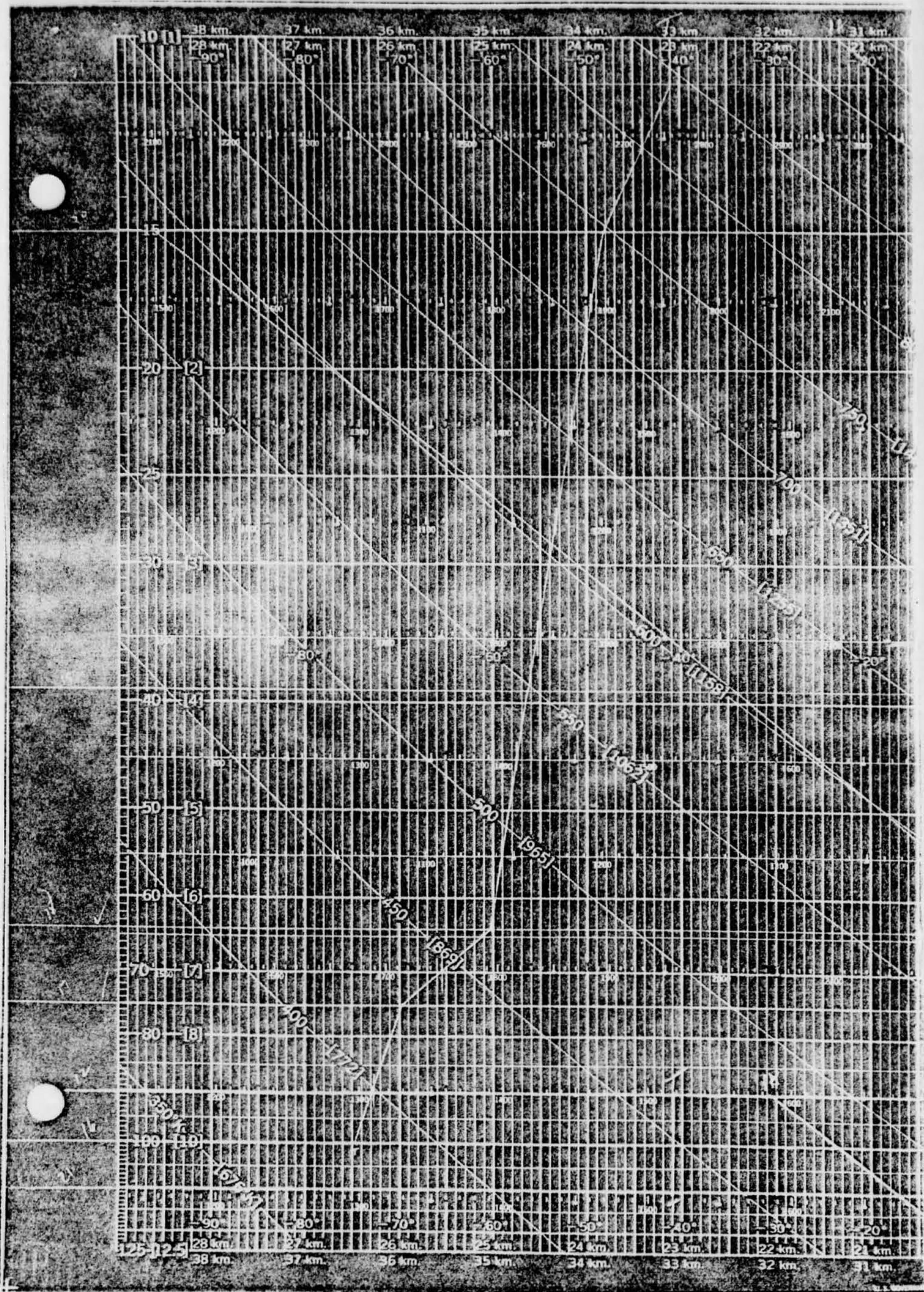
STATION

BURRWOOD, LOUISIANA

28° 58' N 89° 21' W

Prepared by the Coast and Survey Service





DATA BLOCK C

[illegible]

REMARKS

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED		DATA AS ENTERED ON PUNCH CARD	
DDMM	Altitude (gpm)	Temperature (°C)	
TTTTT			
DDMM	Direction (degrees)	Speed (knots)	Time

LEGEND FOR PLOTTED CURVES

PA - Pressure - Altitude
T - Temperature (°C)

Drawn by P. 2. 11. 1

Verified by 5651ms

For information on this and other products, call 1-800-441-4444.

DATE AND RELEASE TIME

40	1967	JUL	10	10
41	1967	JUL	10	10
42	1967	JUL	10	10
43	1967	JUL	10	10
44	1967	JUL	10	10
45	1967	JUL	10	10
46	1967	JUL	10	10
47	1967	JUL	10	10
48	1967	JUL	10	10
49	1967	JUL	10	10
50	1967	JUL	10	10

BURRWOOD, LOUISIANA

28° 58' N 89° 23' W

Prepared 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:

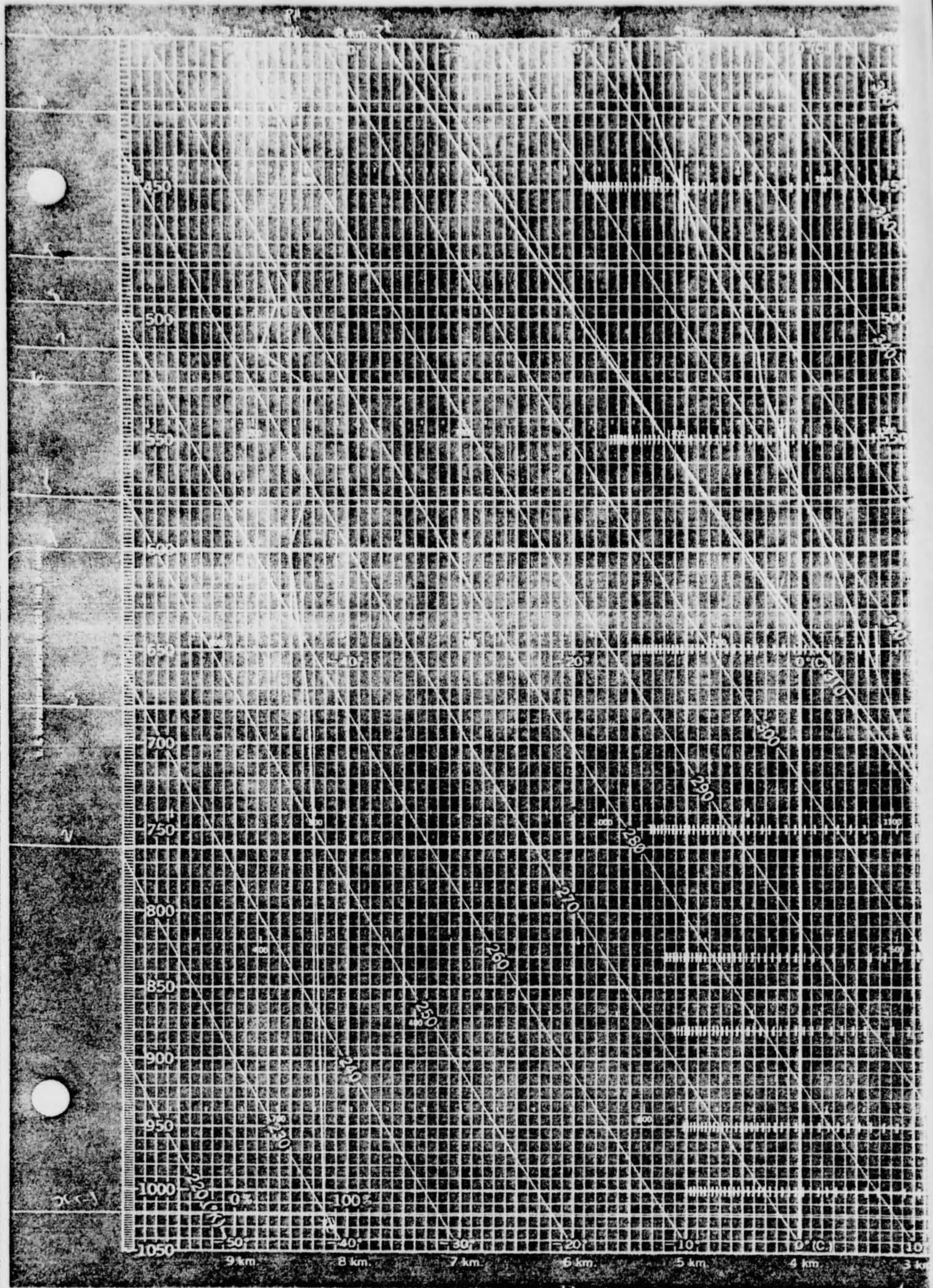
- (1) Shape - Diamond, mostly round, sometimes rectangular.
- (2) Size - Half dollar at arms length, the red painted nose of a T-29 (at approximately 1500 ft MSL, my estimate of the height of a T-29 flying over as I questioned Mr. [REDACTED]).
- (3) Color - bright cherry red varying in intensity as it 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.

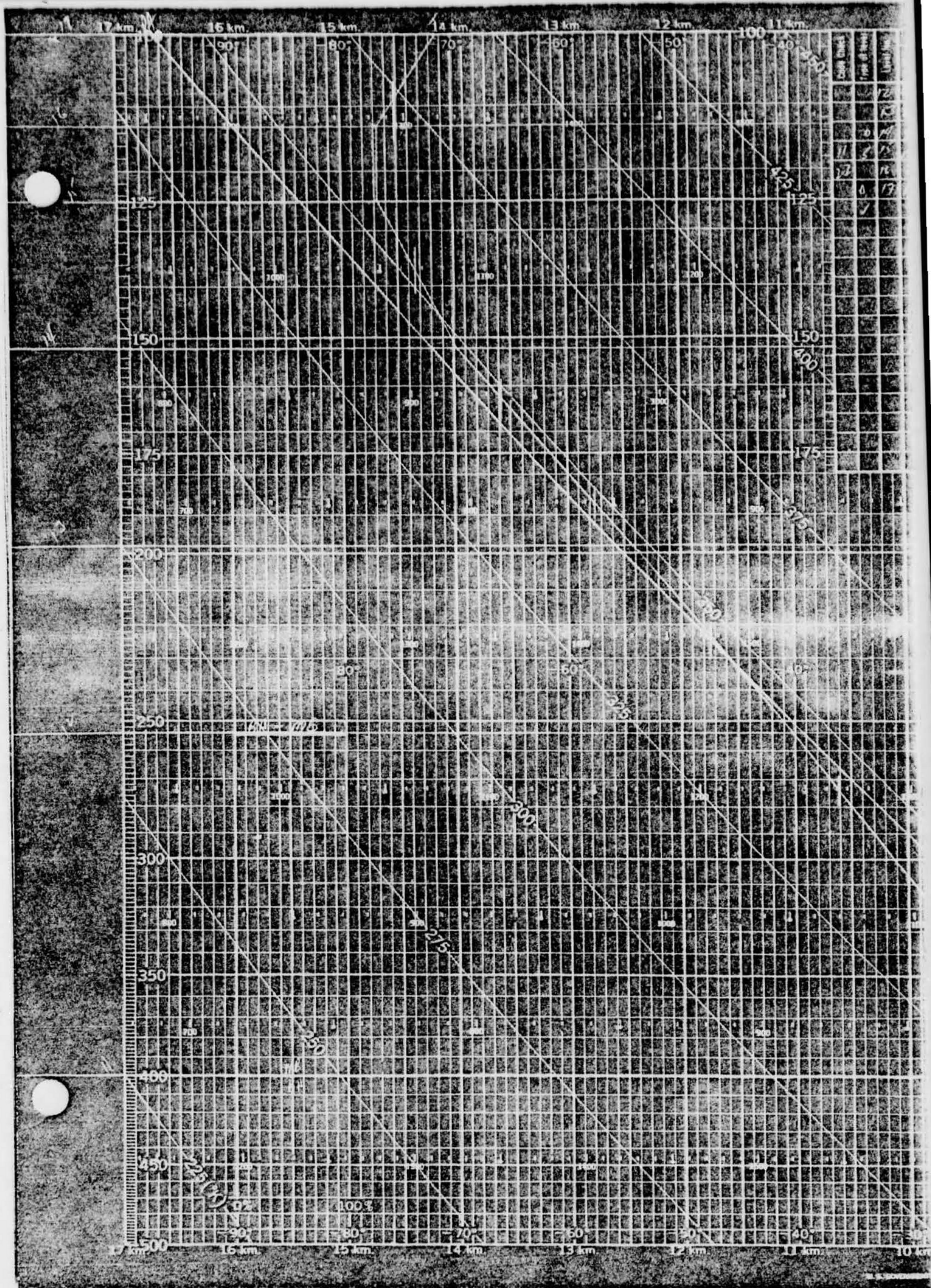
b. Description of course of object:

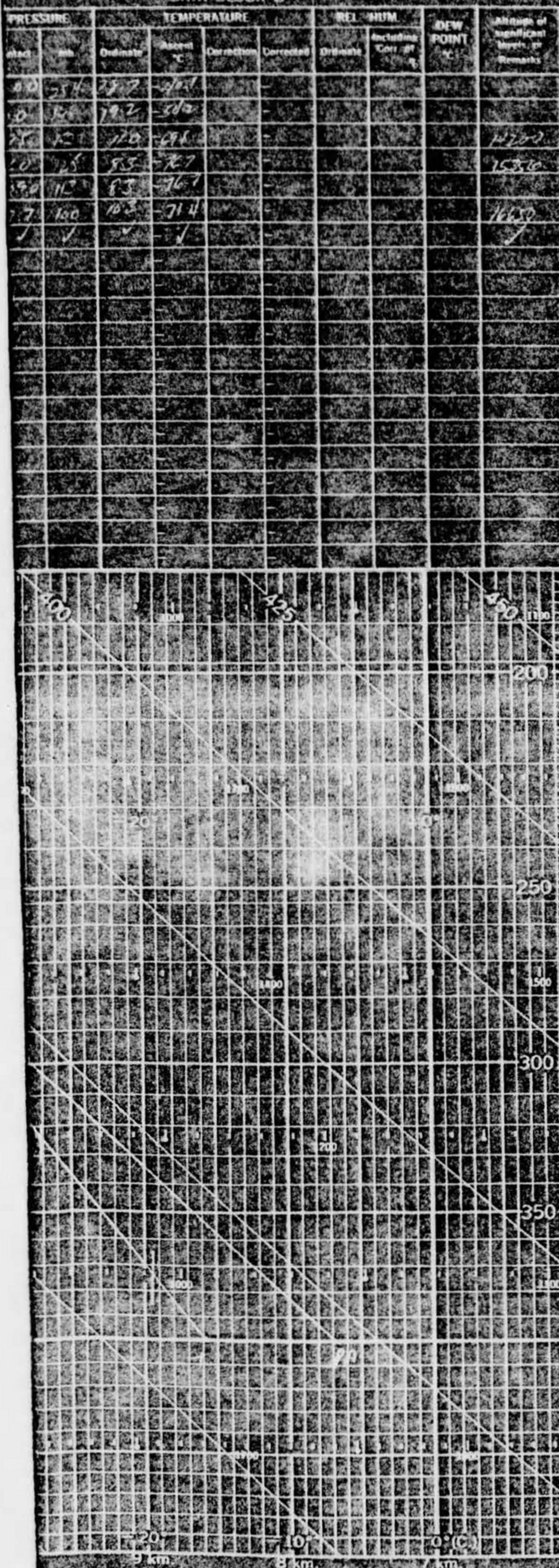
(1) While in bed the observer was called by his daughter [REDACTED] (age 9), and neice, [REDACTED] (age 15) from their adjoining bedroom. [REDACTED] while lying on her bed looking through a window observed a large red diamond-shaped object (estimated distance 2,000 ft) moving slowly above the top of a tree measured 300 ft east of the house.

(2) Object was first observed 10° above the horizon just above the top of a tree. The tree is 300 ft from the house and 115° azimuth.

[illegible]







100	28.7	79.7
90	28.6	79.2
80	28.5	78.7

15	28.7	79.7
10	28.6	79.2
5	28.5	78.7

15	28.7	79.7
10	28.6	79.2
5	28.5	78.7

20	28.7	79.7
15	28.6	79.2
10	28.5	78.7

25	28.7	79.7
20	28.6	79.2
15	28.5	78.7

30	28.7	79.7
25	28.6	79.2
20	28.5	78.7

35	28.7	79.7
30	28.6	79.2
25	28.5	78.7

40	28.7	79.7
35	28.6	79.2
30	28.5	78.7

45	28.7	79.7
40	28.6	79.2
35	28.5	78.7

50	28.7	79.7
45	28.6	79.2
40	28.5	78.7

55	28.7	79.7
50	28.6	79.2
45	28.5	78.7

60	28.7	79.7
55	28.6	79.2
50	28.5	78.7

65	28.7	79.7
60	28.6	79.2
55	28.5	78.7

70	28.7	79.7
65	28.6	79.2
60	28.5	78.7

75	28.7	79.7
70	28.6	79.2
65	28.5	78.7

80	28.7	79.7
75	28.6	79.2
70	28.5	78.7

U.S. DEPARTMENT OF COMMERCE WEATHER BUREAU ADIABATIC CHART

Solar Radiation Corrections for Read Temperatures

1. Time, LST, of observation if between 200 and 151 mb, or at 150 mb, if observation between 150 mb, or 400	
2. Time, LST, at 50 mb, if reached	
3. Time, LST, at 20 mb, if reached	
4. Correction for TST	
5. Time, TST, algebraic sum of (1) & (4)	
6. Time, TST, algebraic sum of (2) & (4)	
7. Time, TST, algebraic sum of (3) & (4)	
8. Difference between (5) and Solar Noon	
9. Difference between (6) and Solar Noon	
10. Difference between (7) and Solar Noon	
11. Elevation angle of Sun for (8)	
12. Elevation angle of Sun for (9)	
13. Elevation angle of Sun for (10)	
14. a. Elapsed time from 150 to 50 mb, or to termination of between these levels	
b. Elapsed time from 20 to 50 mb	
c. Elapsed time from 50 to 100 mb	
d. Elapsed time from 100 to 150 mb	
15. a. Recombination rate corresponding to (14a)	
b. Recombination rate corresponding to (14b)	
c. Recombination rate corresponding to (14c)	
d. Recombination rate corresponding to (14d)	

CODED MESSAGE FOR TRANSMISSION

1. Time, LST, of observation	
2. Time, LST, at 50 mb, if reached	
3. Time, LST, at 20 mb, if reached	
4. Correction for TST	
5. Time, TST, algebraic sum of (1) & (4)	
6. Time, TST, algebraic sum of (2) & (4)	
7. Time, TST, algebraic sum of (3) & (4)	
8. Difference between (5) and Solar Noon	
9. Difference between (6) and Solar Noon	
10. Difference between (7) and Solar Noon	
11. Elevation angle of Sun for (8)	
12. Elevation angle of Sun for (9)	
13. Elevation angle of Sun for (10)	
14. a. Elapsed time from 150 to 50 mb, or to termination of between these levels	
b. Elapsed time from 20 to 50 mb	
c. Elapsed time from 50 to 100 mb	
d. Elapsed time from 100 to 150 mb	
15. a. Recombination rate corresponding to (14a)	
b. Recombination rate corresponding to (14b)	
c. Recombination rate corresponding to (14c)	
d. Recombination rate corresponding to (14d)	

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD
Obs.	Altitude (gpm)
11.6 T ₁	Temperature (°C)
11.6 T ₂	Relative Humidity (%)
11.6 T ₃	Dew Point (°C)
11.6 T ₄	Direction (degrees)
11.6 T ₅	Speed (mph)

LEGEND FOR PLOTTED CURVES

PA - Pressure (Altitude)	Temperature (°C)
RA - Relative Humidity (%)	Dew Point (°C)

Drawn by: *FEARON*

Verified by: *DR. C. E. MONTGOMERY*

Inspected by:

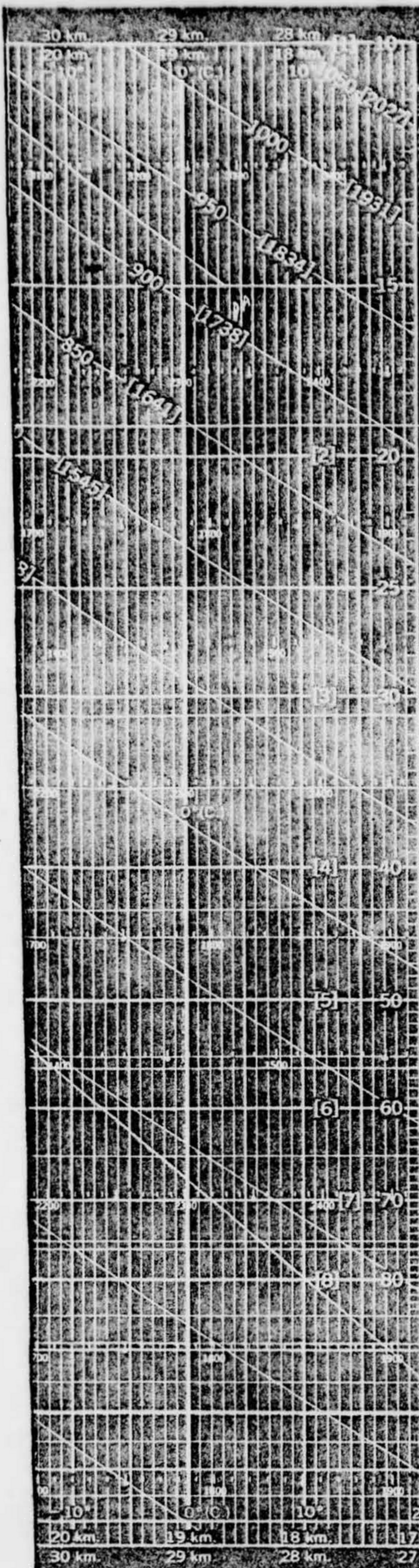
DATE AND RELEASE TIME

Year	Month	Day	Time
1962	JUL	10	10
1962	JUL	9	10

Station: **BURRWOOD, LOUISIANA**

28° 58' N 89° 23' W

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



PUNCHED CARD No. 3

PUNCHED CARD No. 4

PUNCHED CARD No. 5

PUNCHED CARD No. 6

PUNCHED CARD No. 7

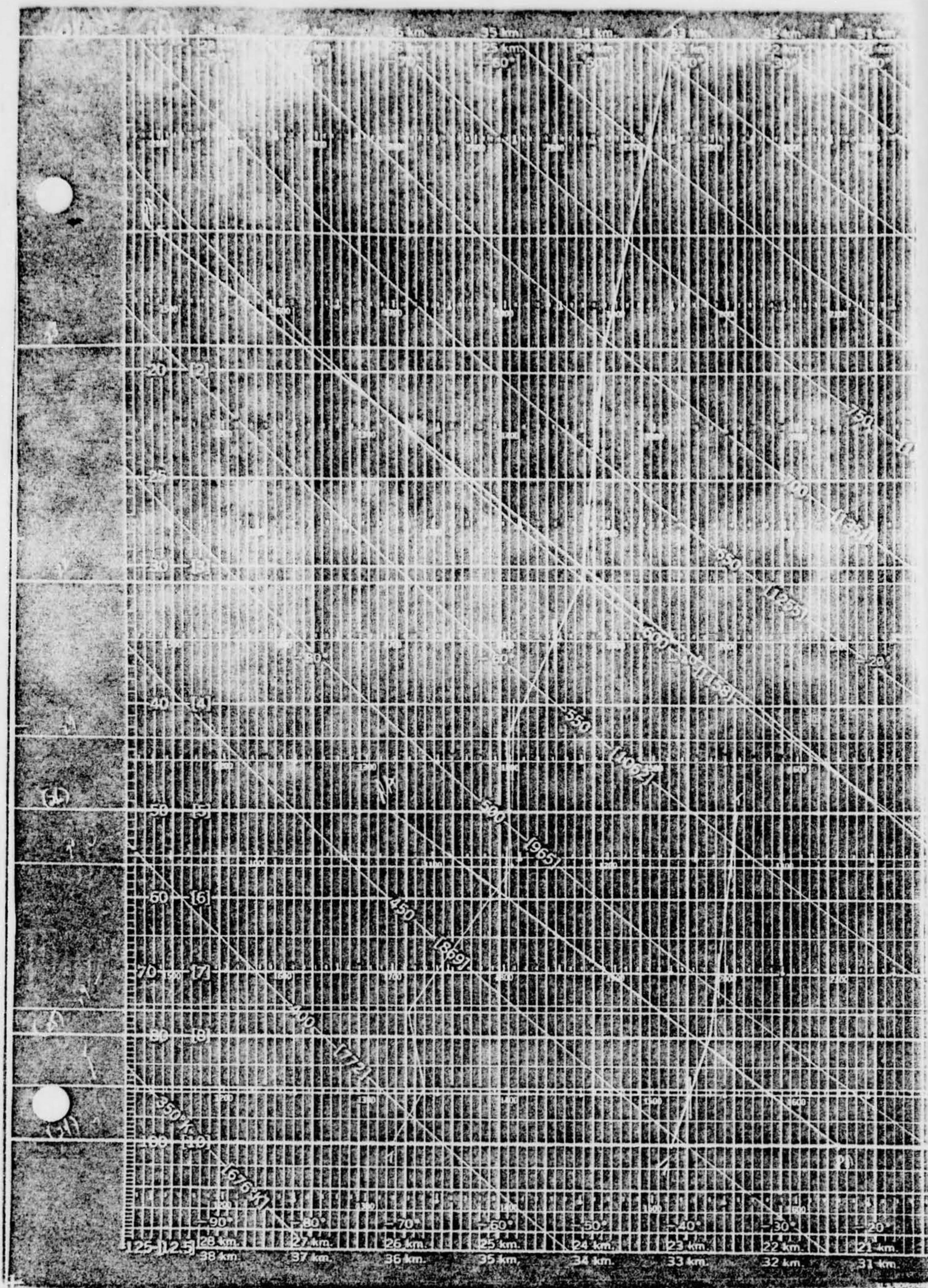
PUNCHED CARD No. 8

U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU

ADIABATIC CHART

DATA BLOCK C

Level No.	PRESSURE		TEMPERATURE		Remarks
	Observed	Corrected	Observed (°C)	Corrected (°C)	
1	1010	1010	15.0	15.0	
2	1000	1000	14.0	14.0	
3	990	990	13.0	13.0	
4	980	980	12.0	12.0	
5	970	970	11.0	11.0	
6	960	960	10.0	10.0	
7	950	950	9.0	9.0	
8	940	940	8.0	8.0	
9	930	930	7.0	7.0	
10	920	920	6.0	6.0	
11	910	910	5.0	5.0	
12	900	900	4.0	4.0	
13	890	890	3.0	3.0	
14	880	880	2.0	2.0	
15	870	870	1.0	1.0	
16	860	860	0.0	0.0	
17	850	850	-1.0	-1.0	
18	840	840	-2.0	-2.0	
19	830	830	-3.0	-3.0	
20	820	820	-4.0	-4.0	
21	810	810	-5.0	-5.0	
22	800	800	-6.0	-6.0	
23	790	790	-7.0	-7.0	
24	780	780	-8.0	-8.0	
25	770	770	-9.0	-9.0	
26	760	760	-10.0	-10.0	
27	750	750	-11.0	-11.0	
28	740	740	-12.0	-12.0	
29	730	730	-13.0	-13.0	
30	720	720	-14.0	-14.0	
31	710	710	-15.0	-15.0	
32	700	700	-16.0	-16.0	
33	690	690	-17.0	-17.0	
34	680	680	-18.0	-18.0	
35	670	670	-19.0	-19.0	
36	660	660	-20.0	-20.0	
37	650	650	-21.0	-21.0	
38	640	640	-22.0	-22.0	
39	630	630	-23.0	-23.0	
40	620	620	-24.0	-24.0	
41	610	610	-25.0	-25.0	
42	600	600	-26.0	-26.0	
43	590	590	-27.0	-27.0	
44	580	580	-28.0	-28.0	
45	570	570	-29.0	-29.0	
46	560	560	-30.0	-30.0	
47	550	550	-31.0	-31.0	
48	540	540	-32.0	-32.0	
49	530	530	-33.0	-33.0	
50	520	520	-34.0	-34.0	
51	510	510	-35.0	-35.0	
52	500	500	-36.0	-36.0	
53	490	490	-37.0	-37.0	
54	480	480	-38.0	-38.0	
55	470	470	-39.0	-39.0	
56	460	460	-40.0	-40.0	
57	450	450	-41.0	-41.0	
58	440	440	-42.0	-42.0	
59	430	430	-43.0	-43.0	
60	420	420	-44.0	-44.0	
61	410	410	-45.0	-45.0	
62	400	400	-46.0	-46.0	
63	390	390	-47.0	-47.0	
64	380	380	-48.0	-48.0	
65	370	370	-49.0	-49.0	
66	360	360	-50.0	-50.0	
67	350	350	-51.0	-51.0	
68	340	340	-52.0	-52.0	
69	330	330	-53.0	-53.0	
70	320	320	-54.0	-54.0	
71	310	310	-55.0	-55.0	
72	300	300	-56.0	-56.0	
73	290	290	-57.0	-57.0	
74	280	280	-58.0	-58.0	
75	270	270	-59.0	-59.0	
76	260	260	-60.0	-60.0	
77	250	250	-61.0	-61.0	
78	240	240	-62.0	-62.0	
79	230	230	-63.0	-63.0	
80	220	220	-64.0	-64.0	
81	210	210	-65.0	-65.0	
82	200	200	-66.0	-66.0	
83	190	190	-67.0	-67.0	
84	180	180	-68.0	-68.0	
85	170	170	-69.0	-69.0	
86	160	160	-70.0	-70.0	
87	150	150	-71.0	-71.0	
88	140	140	-72.0	-72.0	
89	130	130	-73.0	-73.0	
90	120	120	-74.0	-74.0	
91	110	110	-75.0	-75.0	
92	100	100	-76.0	-76.0	
93	90	90	-77.0	-77.0	
94	80	80	-78.0	-78.0	
95	70	70	-79.0	-79.0	
96	60	60	-80.0	-80.0	
97	50	50	-81.0	-81.0	
98	40	40	-82.0	-82.0	
99	30	30	-83.0	-83.0	
100	20	20	-84.0	-84.0	
101	10	10	-85.0	-85.0	
102	0	0	-86.0	-86.0	
103	-10	-10	-87.0	-87.0	
104	-20	-20	-88.0	-88.0	
105	-30	-30	-89.0	-89.0	
106	-40	-40	-90.0	-90.0	
107	-50	-50	-91.0	-91.0	
108	-60	-60	-92.0	-92.0	
109	-70	-70	-93.0	-93.0	
110	-80	-80	-94.0	-94.0	
111	-90	-90	-95.0	-95.0	
112	-100	-100	-96.0	-96.0	
113	-110	-110	-97.0	-97.0	
114	-120	-120	-98.0	-98.0	
115	-130	-130	-99.0	-99.0	
116	-140	-140	-100.0	-100.0	
117	-150	-150	-101.0	-101.0	
118	-160	-160	-102.0	-102.0	
119	-170	-170	-103.0	-103.0	
120	-180	-180	-104.0	-104.0	
121	-190	-190	-105.0	-105.0	
122	-200	-200	-106.0	-106.0	
123	-210	-210	-107.0	-107.0	
124	-220	-220	-108.0	-108.0	
125	-230	-230	-109.0	-109.0	
126	-240	-240	-110.0	-110.0	
127	-250	-250	-111.0	-111.0	
128	-260	-260	-112.0	-112.0	
129	-270	-270	-113.0	-113.0	
130	-280	-280	-114.0	-114.0	
131	-290	-290	-115.0	-115.0	
132	-300	-300	-116.0	-116.0	
133	-310	-310	-117.0	-117.0	
134	-320	-320	-118.0	-118.0	
135	-330	-330	-119.0	-119.0	
136	-340	-340	-120.0	-120.0	
137	-350	-350	-121.0	-121.0	
138	-360	-360	-122.0	-122.0	
139	-370	-370	-123.0	-123.0	
140	-380	-380	-124.0	-124.0	
141	-390	-390	-125.0	-125.0	
142	-400	-400	-126.0	-126.0	
143	-410	-410	-127.0	-127.0	
144	-420	-420	-128.0	-128.0	
145	-430	-430	-129.0	-129.0	
146	-440	-440	-130.0	-130.0	
147	-450	-450	-131.0	-131.0	
148	-460	-460	-132.0	-132.0	
149	-470	-470	-133.0	-133.0	
150	-480	-480	-134.0	-134.0	
151	-490	-490	-135.0	-135.0	
152	-500	-500	-136.0	-136.0	
153	-510	-510	-137.0	-137.0	
154	-520	-520	-138.0	-138.0	
155	-530	-530	-139.0	-139.0	
156	-540	-540	-140.0	-140.0	
157	-550	-550	-141.0	-141.0	
158	-560	-560	-142.0	-142.0	
159	-570	-570	-143.0	-143.0	
160	-580	-580	-144.0	-144.0	
161	-590	-590	-145.0	-145.0	
162	-600	-600	-146.0	-146.0	
163	-610	-610	-147.0	-147.0	
164	-620	-620	-148.0	-148.0	
165	-630	-630	-149.0	-149.0	
166	-640	-640	-150.0	-150.0	
167	-650	-650	-151.0	-151.0	
168	-660	-660	-152.0	-152.0	
169	-670	-670	-153.0	-153.0	
170	-680	-680	-154.0	-154.0	
171	-690	-690	-155.0	-155.0	
172	-700	-700	-156.0	-156.0	
173	-710	-710	-157.0	-157.0	
174	-720	-720	-158.0	-158.0	
175	-730	-730	-159.0	-159.0	
176	-740	-740	-160.0	-160.0	
177	-750	-750	-161.0	-161.0	
178	-760	-760	-162.0	-162.0	
179	-770	-770	-163.0	-163.0	
180	-780	-780	-164.0	-164.0	
181	-790	-790	-165.0	-165.0	
182	-800	-800	-166.0	-166.0	
183	-810	-810	-167.0	-167.0	
184	-820	-820	-168.0	-168.0	
185	-830	-830	-169.0	-169.0	
186	-840	-840	-170.0	-170.0	
187	-850	-850	-171.0	-171.0	
188	-860	-860	-172.0	-172.0	
189	-870	-870	-173.0	-173.0	
190	-880	-880	-174.0	-174.0	
191	-890	-890	-175.0	-175.0	
192	-900	-900	-176.0	-176.0	
193	-910	-910	-177.0	-177.0	
194	-920	-920	-178.0	-178.0	
195	-930	-930	-179.0	-179.0	
196	-940	-940	-180.0	-180.0	
197	-950	-950	-181.0	-181.0	
198	-960	-960	-182.0	-182.0	
199	-970	-970	-183.0	-183.0	
200	-980	-980	-184.0	-184.0	
201	-990	-990	-185.0	-185.0	
202	-1000	-1000	-186.0	-186.0	
203	-1010	-1010	-187.0	-187.0	
204	-1020	-1020	-188.0	-188.0	
205	-1030	-1030	-189.0	-189.0	
206	-1040	-1040	-190.0	-190.0	
207	-1050	-1050	-191.0	-191.0	
208	-1060	-1060	-192.0	-192.0	
209	-1070	-1070	-193.0	-193.0	
210	-1080	-1080	-194.0	-194.0	
211	-1090	-1090	-195.0	-195.0	
212	-1100	-1100	-196.0	-196.0	
213	-1110	-1110	-197.0	-197.0	
214	-1120	-1120	-198.0	-198.0	
215	-1130	-1130	-199.0	-199.0	
216	-1140	-1140	-200.0	-200.0	
217	-1150	-1150	-201.0	-201.0	
218	-1160	-1160	-202.0	-202.0	
219	-1170	-1170	-203.0	-203.0	
220	-1180	-1180	-204.0	-204.0	
221	-1190	-1190	-205.0	-205.0	
222	-1200	-1200	-206.0	-206.0	
223	-1210	-1210	-207.0	-207.0	
224	-1220	-1220	-208.0	-208.0	
225	-1230	-1230	-209.0	-209.0	
226	-1240	-1240	-210.0	-210.0	
227	-1250	-1250	-211.0	-211.0	
228	-1260	-1260	-212.0	-212.0	
229	-1270	-1270	-213.0	-213.0	
230	-1280	-1280	-214.0	-214.0	
231	-1290	-1290	-215.0	-215.0	
232	-1300	-1300	-216.0	-216.0	
233	-1310	-1310	-217.0	-217.0	
234	-1320	-1320	-218.0	-218.0	
235	-1330	-1330	-219.0	-219.0	
236	-1340	-1340	-220.0	-220.0	
237	-1350	-1350	-221.0	-221	



(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

LESTER BRIDGES
LtCol, USAF
Chief, Operations Services Div

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

REF: TO
ATTN OF: CDDPD

SUBJECT: Copies MBAN 31 - Keesler Vicinity

29 Aug 1962

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

1. Reference: Your telephone call 0930 MST 28 Aug 1962.
2. We are sending photocopies of Adiabatic Charts (MBAN 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

Palmer L. Tug
PALMER L. TUG, 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,

517

DATA BLOCK A

Constant Pressure Blocks

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

WBAN-31A

U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU

ADIABATIC CHART

BASELINE CHECK READINGS

Time GCT	Ordnate	TEMPERATURE	
		Dry	Wet
1940	72.8	50.0	25.0

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

CODED MESSAGE FOR TRANSMISSION

32	11053	127131	02308	25520
1747	01806	70058	08014	01707
0905	56136	00106	20509	67731
0300	30146	2281	03311	26109
0307	00913	2000	01415	00710
15672	1900	20112	10442	2242
00517				
000	00018	20201	11615	00000
1200	00018	20201	11615	00000

REMARKS

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD	
ORdn	Altitude (gpm)	Temperature (°C)
TTdL	Relative Humidity (%)	Dew Point (°C)
Dir	Direction (degrees)	Wind Speed (knots)

LEGEND FOR PLOTTED CURVES

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

Drawn by R. J. C. T.

Verified by J. A. S. M. S.

Inspected by

DATE AND RELEASE TIME

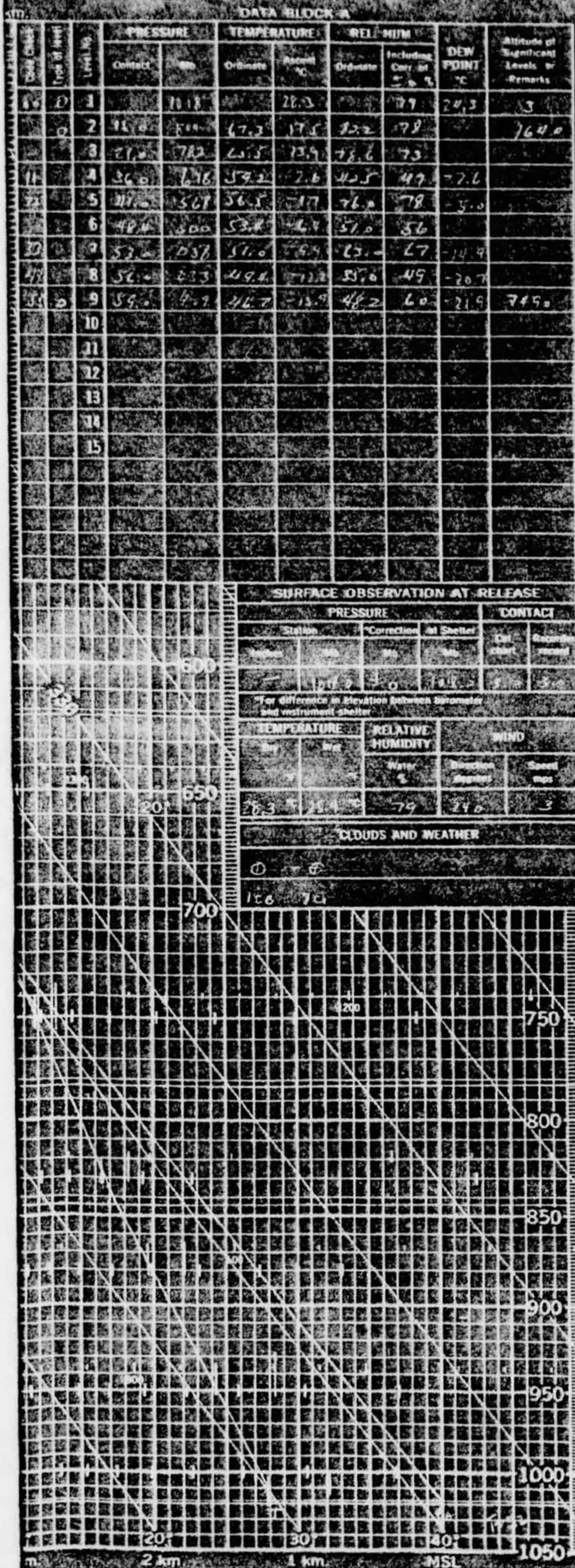
Year	Month	Day	Time
1962	JUL	29	1940
1962	JUL	29	2102

Reference No. 9142

Station
BURRWOOD, LOUISIANA

28° 58' N 89° 23' W

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



80.509	76.27	17.1
67.731	55	22.2
0.50	77.8	5

67.50	10.6
61	
74.8	4

50.94	56.29	-6.0
56.656	36	-13.7
0.0102	6	3

51.80	-1.9
72	
75	1

14.46	
11.03	1.2
9.8	
7.6	5

70.458	52.86	2.6
05014	65	1.3
0.787	170	2

76.10	11.8
61	
17.5	3

110.0	
71.04	15.0
75	
16.0	7

85.520	156.6	12.9
174.7	78	14.0
0.10.86	178	4

10.9	
10.41	21.0
71	
75	5

62.0	24.4
79	
21.0	4

97.0	
110.3	22.3
77.21	79
02.508	22.0

1.11	22.3
79	24.3
24.0	5

PUNCHED CARD No. 4

PUNCHED CARD No. 3

PUNCHED CARD No. 2

PUNCHED CARD No. 1