

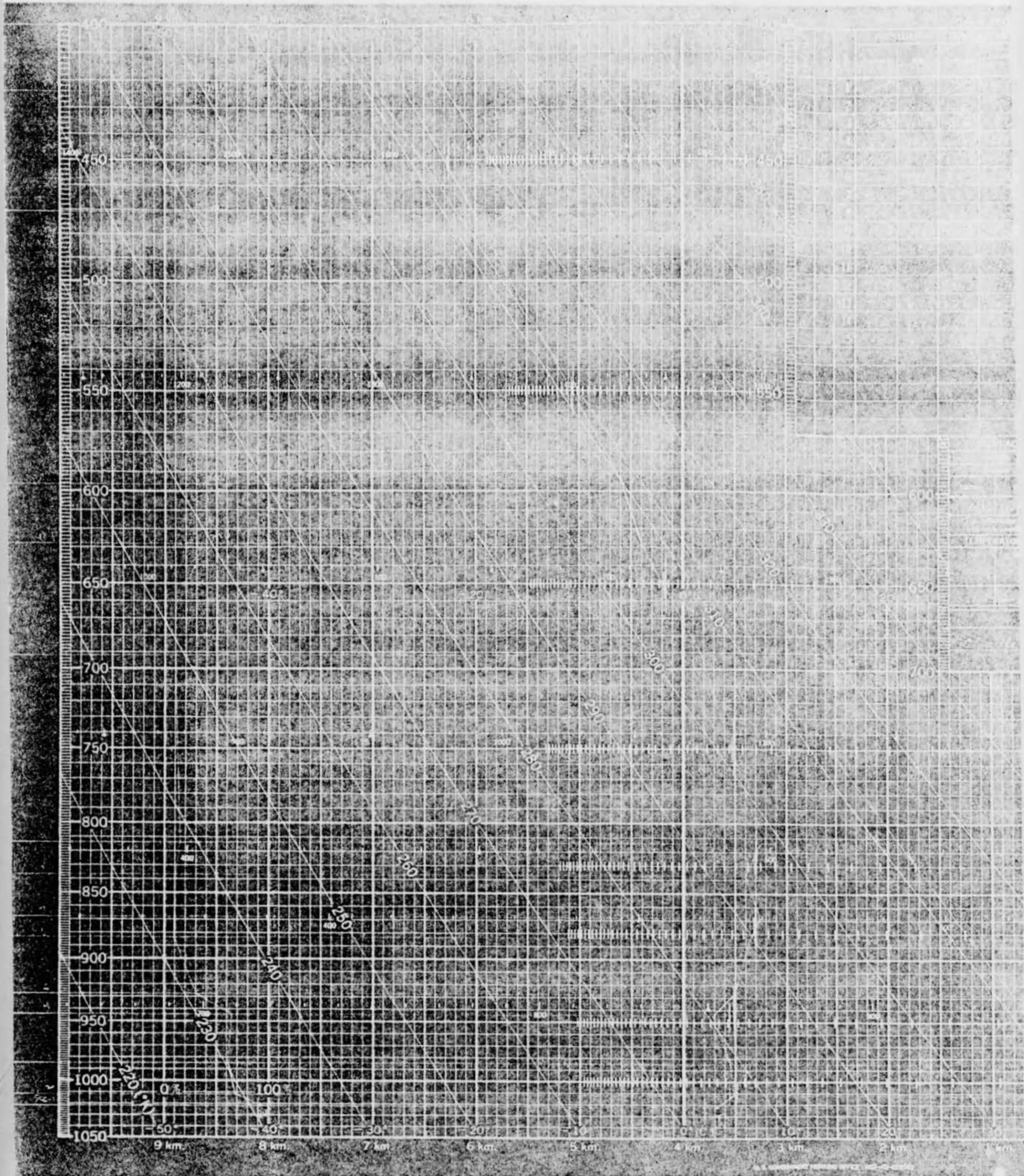
PROJECT 10073 RECORD CARD

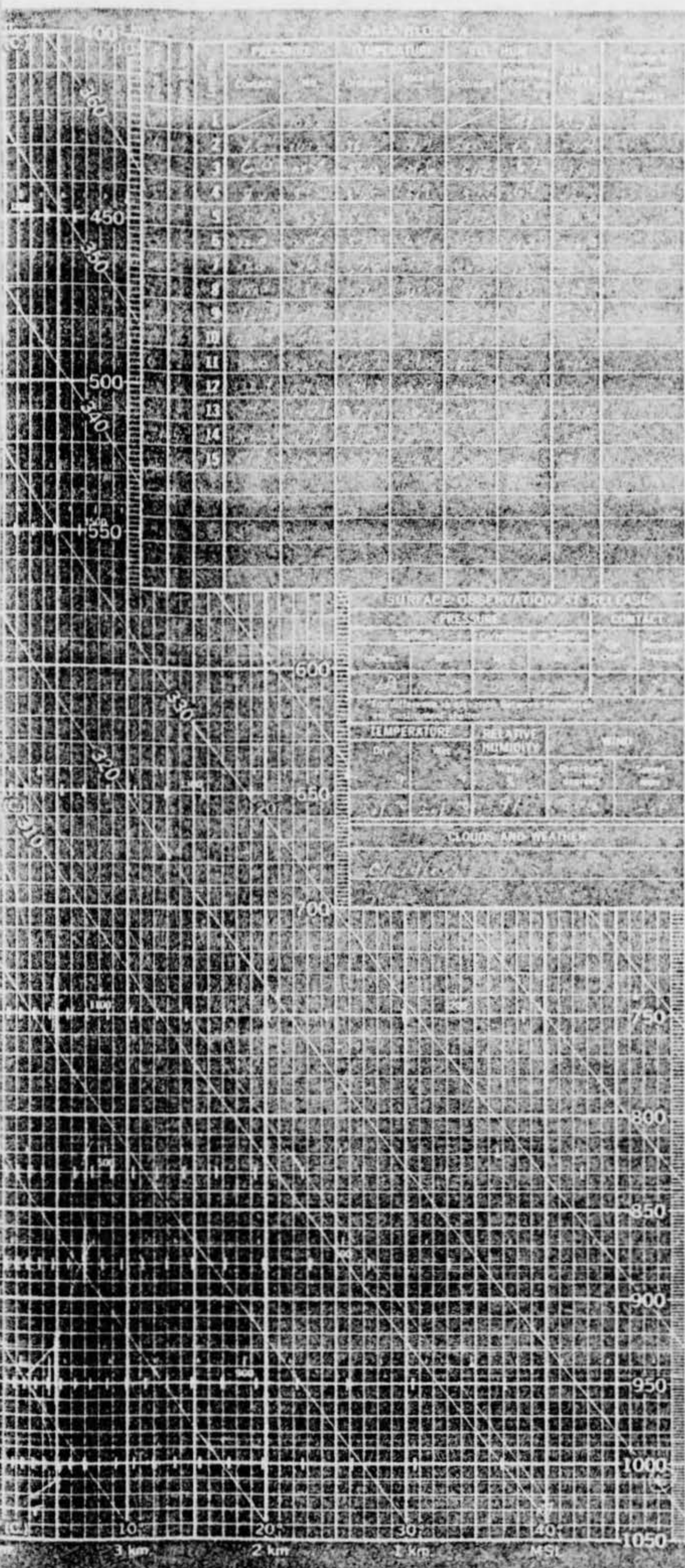
1. DATE 21 Dec 61	2. LOCATION Tyndall AFB, Florida		12. CONCLUSIONS <input type="checkbox"/> Was Balloon <input type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon <input type="checkbox"/> Was Aircraft <input type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft
3. DATE-TIME GROUP Local <u>0545</u> GMT <u>21/1045</u>	4. TYPE OF OBSERVATION <input checked="" type="checkbox"/> Ground-Visual <input type="checkbox"/> Ground-Radar <input type="checkbox"/> Air-Visual <input type="checkbox"/> Air-Intercept Radar		
5. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. SOURCE Military		<input type="checkbox"/> Was Astronomical <input type="checkbox"/> Probably Astronomical <input type="checkbox"/> Possibly Astronomical <input checked="" type="checkbox"/> Possibly Alpha Orion <input checked="" type="checkbox"/> Other <u>Beteigeux</u> <input type="checkbox"/> Insufficient Data for Evaluation <input type="checkbox"/> Unknown
7. LENGTH OF OBSERVATION 15 min.	8. NUMBER OF OBJECTS 1	9. COURSE W to E	
10. BRIEF SUMMARY OF SIGHTING Witness observed an object; similar to star, in NW. Object appeared radiant and elliptical. Was reported to be moving generally toward N. Witness reported it disappearing by fading from sight. Event was reported to have lasted for 15 min.		11. COMMENTS Weather data reveals that an inversion was present in Tyndall area on date of sighting. Bright star Beteigeux was located on an AZ equal to that reported for UFO. Is concluded that witness 1st observed star distorted due to refraction then his over active imagination took charge. Witness has made other reports, considers himself an expert at observing phenomena. Fact that his imagination is overworked is substantiated by his belief that he can estimate speed and (OVER)	

TYNDALL AFB, FL 21 Dec 61

CASE includes 21 ADIABATIC

CHARTS





DATE: 1961 DEC 21

TIME	PRESSURE	TEMPERATURE	REL. HUM.	WIND	WEATHER
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					

SURFACE OBSERVATION AT RELEASE

TIME	1200
PRESSURE	1013
TEMPERATURE	10
RELATIVE HUMIDITY	80
WIND	0000
CLOUDS AND WEATHER	0000

10	10	10	10
20	20	20	20
30	30	30	30
40	40	40	40
50	50	50	50
60	60	60	60
70	70	70	70
80	80	80	80
90	90	90	90
100	100	100	100
1050	1050	1050	1050

ADIABATIC CHART

CHART NO. 425 (REV. 11-55)
 NO. 1 STOCK NO. 7417-101
 AF STOCK NO. 174 3400-701-4-14-57R
 SUPERSEDES CHART NO. 425, DATED 1 NOV 55

BASELINE CHECK READINGS

TEMPERATURE			
PRESSURE			
REL. HUM.			
WIND			

CODED MESSAGE FOR TRANSMISSION

1	2	3	4	5	6	7	8	9	0

REMARKS

1000

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS SHOWN ON PLOT
0000	0000
0100	0100
0200	0200
0300	0300
0400	0400
0500	0500
0600	0600
0700	0700
0800	0800
0900	0900
1000	1000

LEGEND FOR PLOTTED CURVES

1 - Temperature (C) 2 - Relative Humidity (%)

Drawn by: *[Signature]*

Checked by: *[Signature]*

DATE AND RELEASE TIME

DATE	1961 DEC 21
TIME	1200
LOCATION	1000

30° 29' N 86° 31' W

U.S. GOVERNMENT PRINTING OFFICE: 1955

125

150

175

200

250

300

350

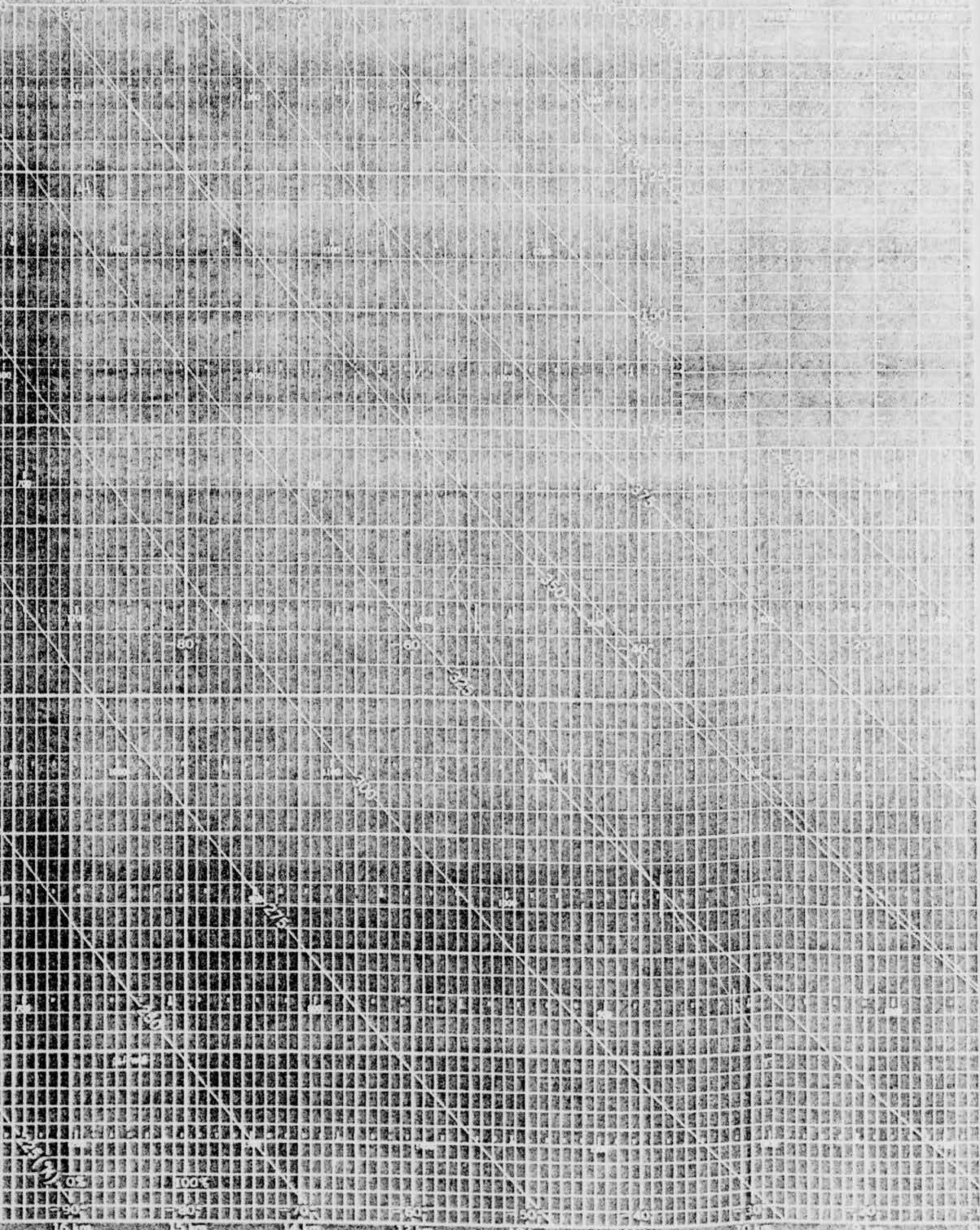
400

450

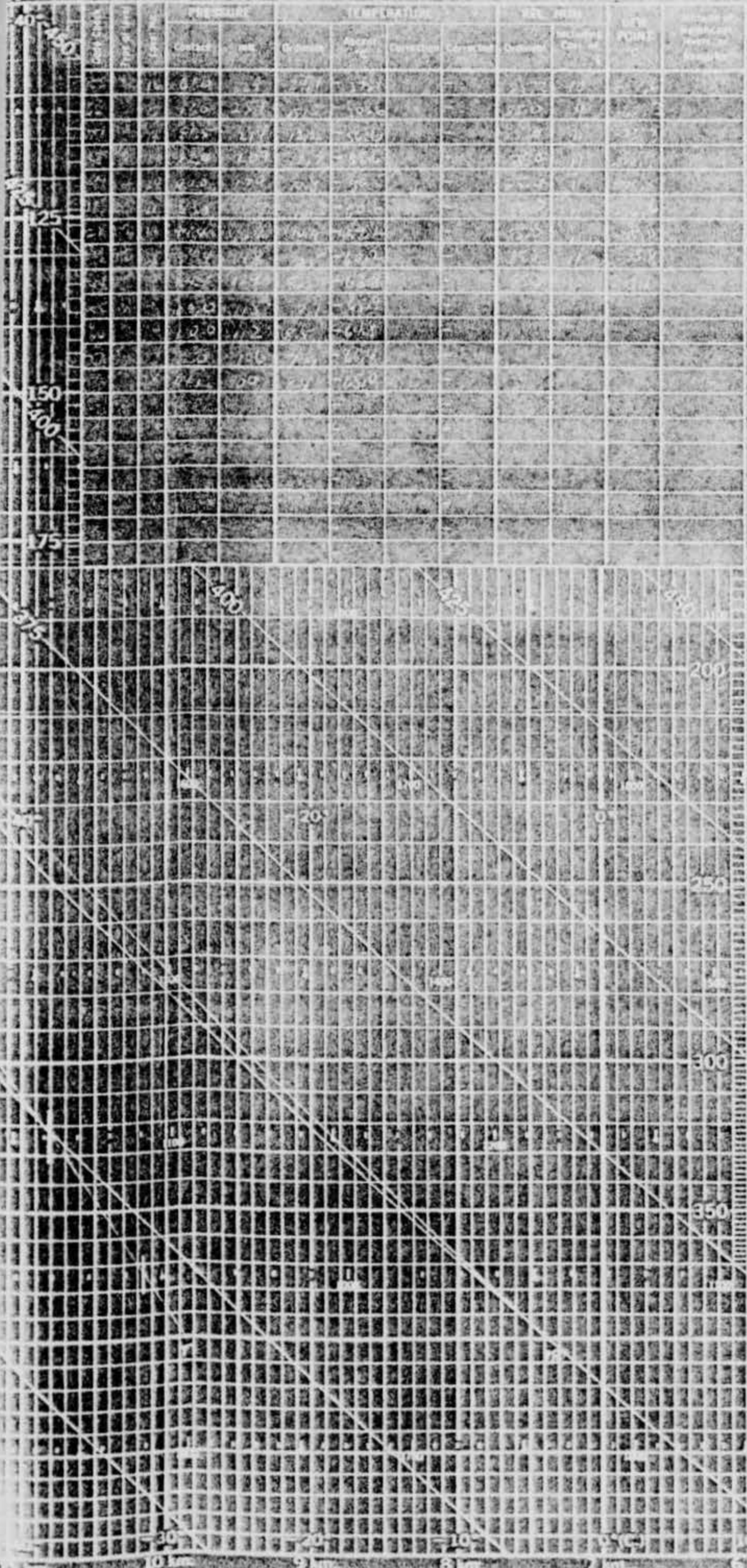
500

550

600



Companion Tables & Blocks



PUNCHED CARD No. 1

Chart No. 5470
 NCEP BOOK NO. 7/3507-42
 A. P. BOOK NO. 118 3505 201-424-518
 SUPERSEDES CHART NO. 420/UM 1 AND 1011

Code/Block/Correcting for 45°C Temperature

Code	Block	Correcting
1	1	
2	2	
3	3	
4	4	
5	5	
6	6	
7	7	
8	8	
9	9	
10	10	
11	11	
12	12	
13	13	
14	14	
15	15	
16	16	
17	17	
18	18	
19	19	
20	20	
21	21	
22	22	
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28	28	
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30	30	
31	31	
32	32	
33	33	
34	34	
35	35	
36	36	
37	37	
38	38	
39	39	
40	40	

PUNCHED CARD No. 2

1	1	1
2	2	2
3	3	3

4	4	4
5	5	5
6	6	6

7	7	7
8	8	8
9	9	9

10	10	10
11	11	11
12	12	12

13	13	13
14	14	14
15	15	15

16	16	16
17	17	17
18	18	18

CODED MESSAGE FOR TRANSMISSION

1	1
2	2
3	3
4	4
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36	36
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38	38
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40	40

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS	DATA AS OBTAINED
Symbol	Symbol
Q	Q
RT	RT
Q	Q

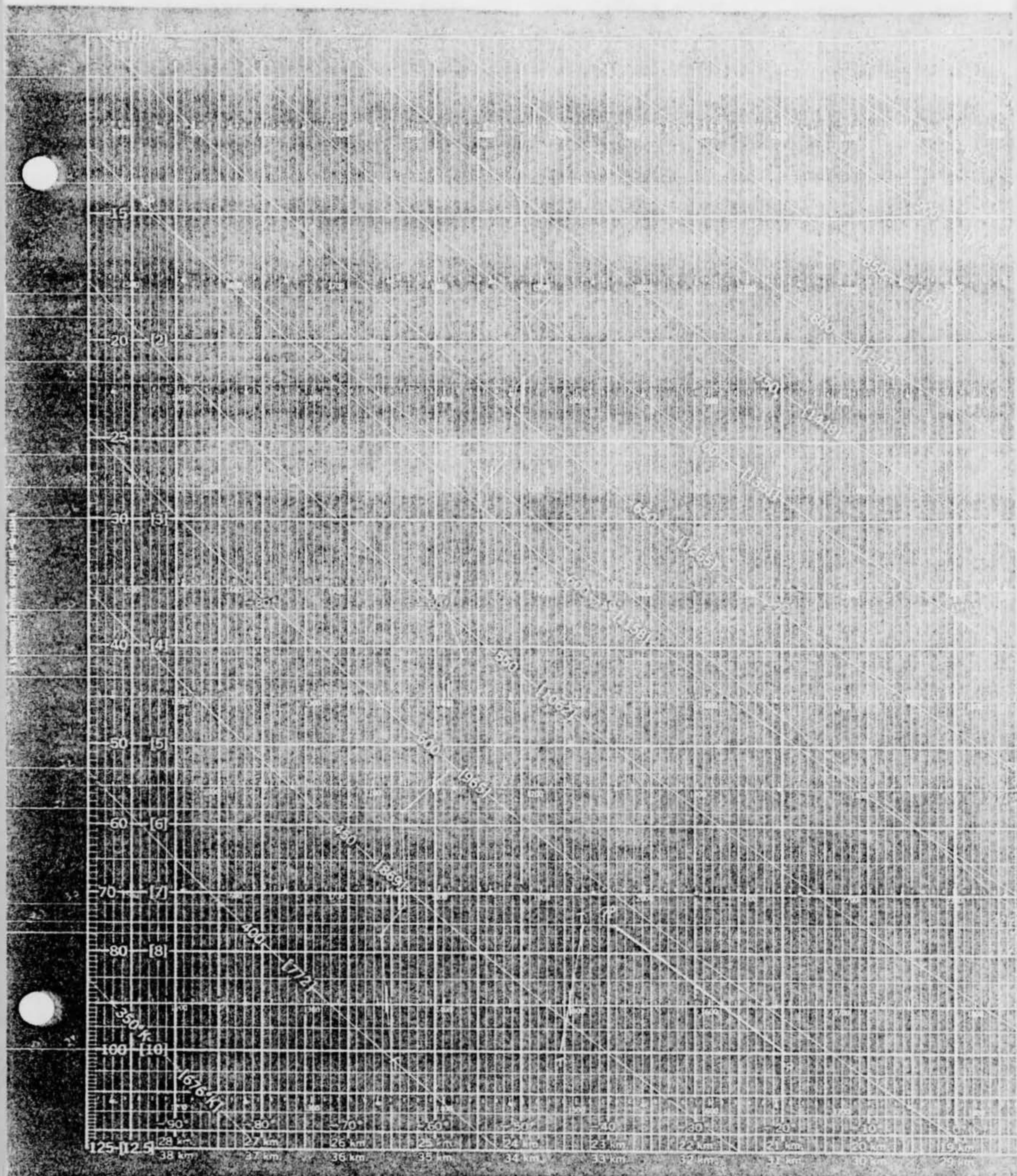
LEGEND FOR PLOTTED CURVES

E. M. Chatterjee
R. D. K. ...

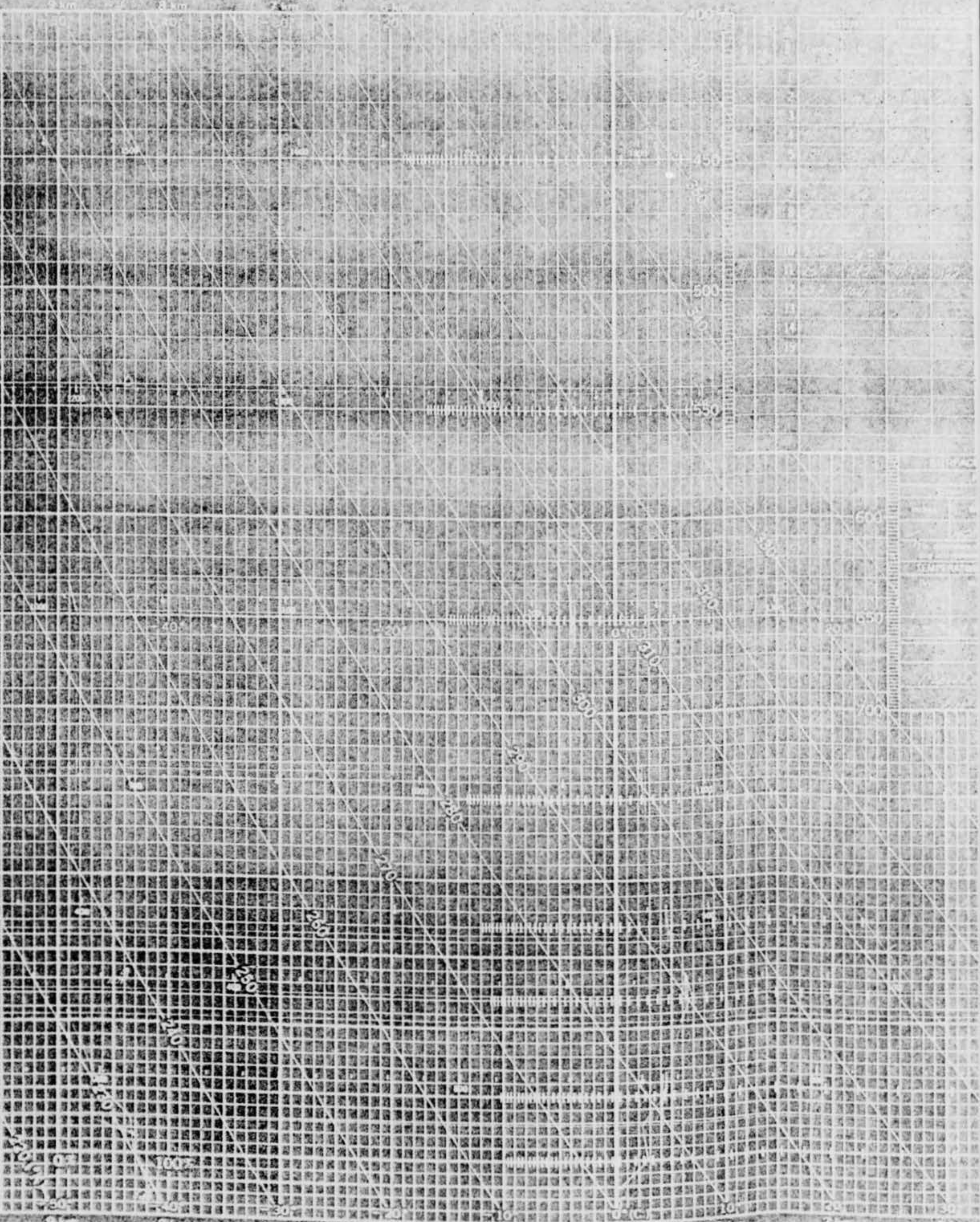
DATE AND RELEASE TIME

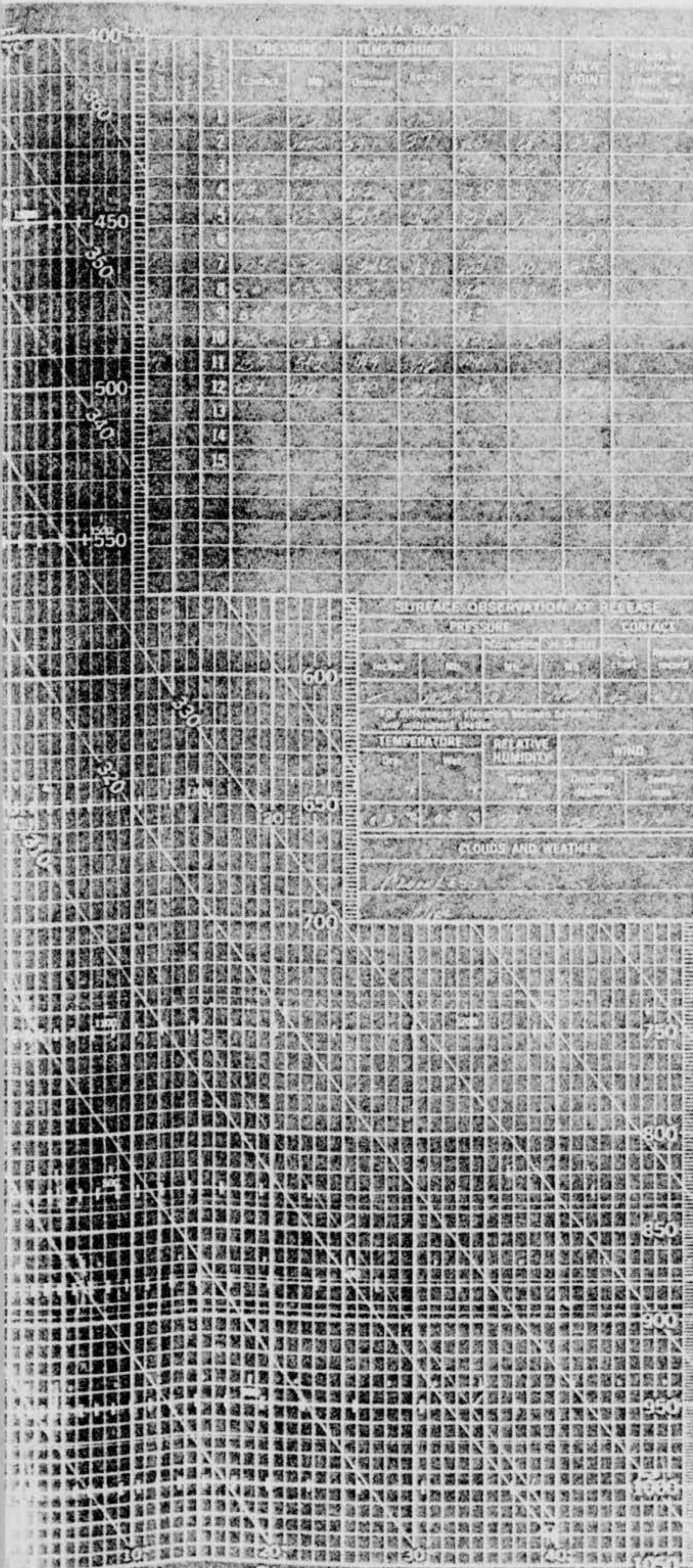
92	1951	11:30	23:00
93	1951	11:30	23:00
11310			

INDICATED POSITION
 30° 29' N 86° 31' W



400
450
500
550
600
650
700
750
800
850
900
950
1000





ADIABATIC CHART

WBAN-31A

CHART NO. 1-1-10
 NO. 2 STOCK NO. 7107-322
 AF STOCK NO. 31A 2400-781-438-870
 SUPERSEDES CHART NO. 425 7100 1 MAY 52

BASELINE CHECK READINGS

Instrument	TEMPERATURE		Relative Humidity
	Observed	Corrected	
Thermometer			
Hygrometer			
Barometer			

COOLED MESSAGE FOR TRANSMISSION

1000	11	5	100	0	0	0
950	12	5	100	0	0	0
900	13	5	100	0	0	0
850	14	5	100	0	0	0
800	15	5	100	0	0	0
750	16	5	100	0	0	0
700	17	5	100	0	0	0
650	18	5	100	0	0	0
600	19	5	100	0	0	0
550	20	5	100	0	0	0
500	21	5	100	0	0	0
450	22	5	100	0	0	0
400	23	5	100	0	0	0
350	24	5	100	0	0	0
300	25	5	100	0	0	0
250	26	5	100	0	0	0
200	27	5	100	0	0	0
150	28	5	100	0	0	0
100	29	5	100	0	0	0

REMARKS *None*

LEGEND FOR CONSTANT PRESSURE BLOCK

Symbol	Description
—	TEMPERATURE
...	RELATIVE HUMIDITY
~	WIND DIRECTION
~	WIND SPEED

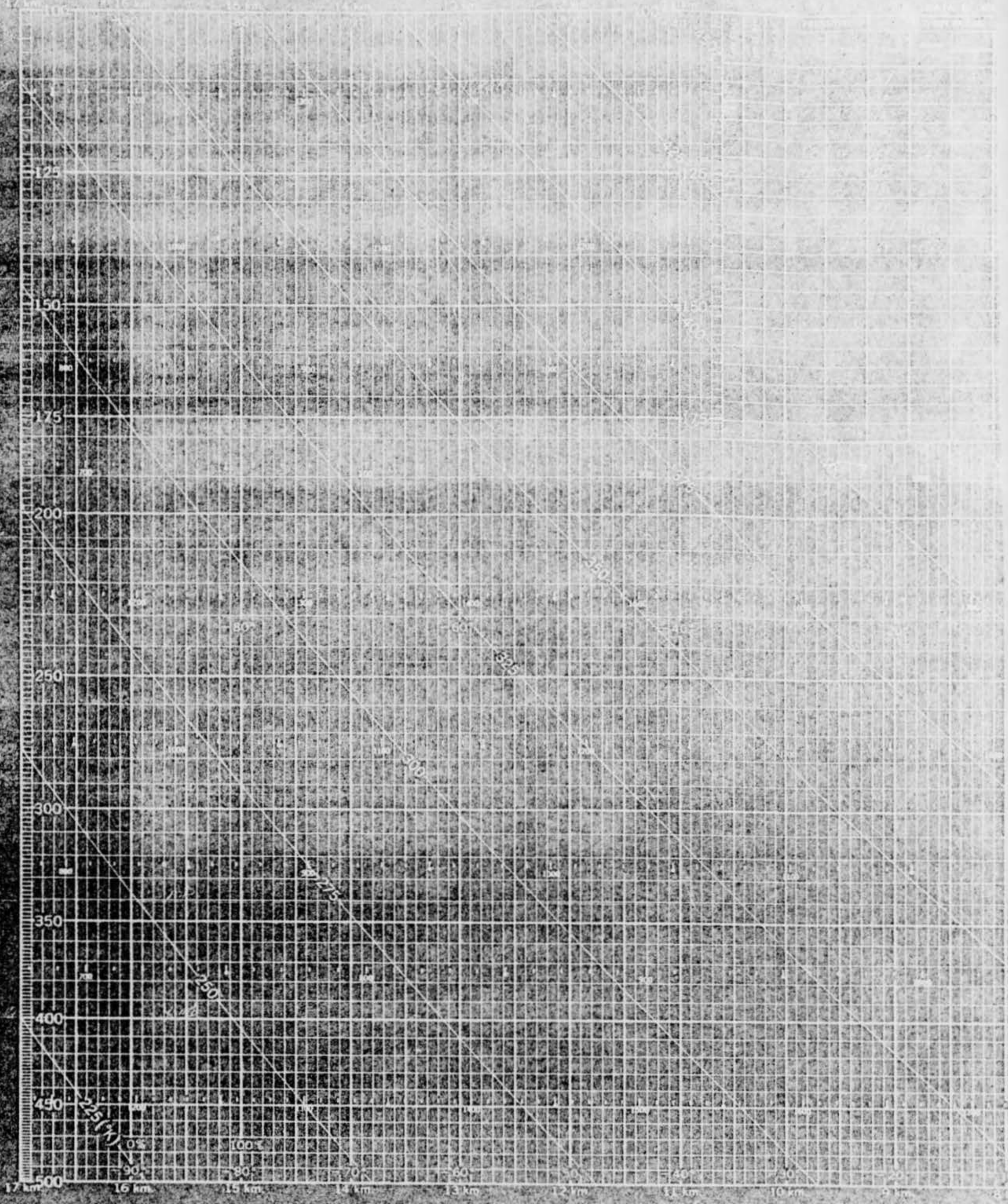
LEGEND FOR PLOTTED CURVES

None

DATE AND RELEASE TIME

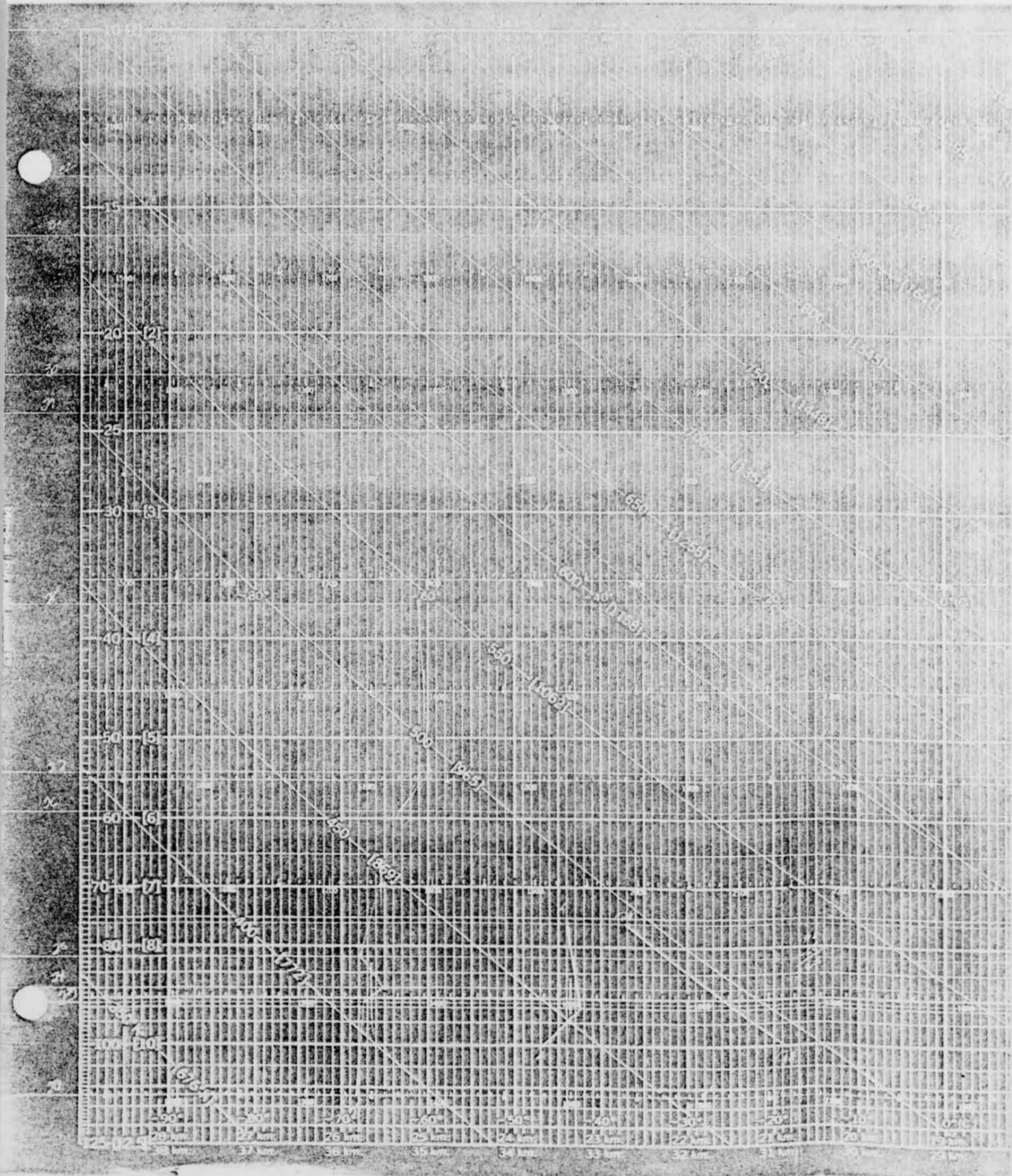
Month	Day	Hour	Minute
1952	10	14	00

30° 29' N 86° 31' W



(CASE)
and heights of objects at multiples
of hundreds without supporting data;
such as size of object, actual flight
path, etc. If object was satellite,
would have a retrograde orbit.

1. NAME OF OBSERVER	2. NAME OF STATION	3. DATE
4. TIME OF OBSERVATION	5. LOCATION	6. WEATHER
7. DESCRIPTION OF OBJECT	8. CHARACTER OF TRACK	9. CONCLUSIONS



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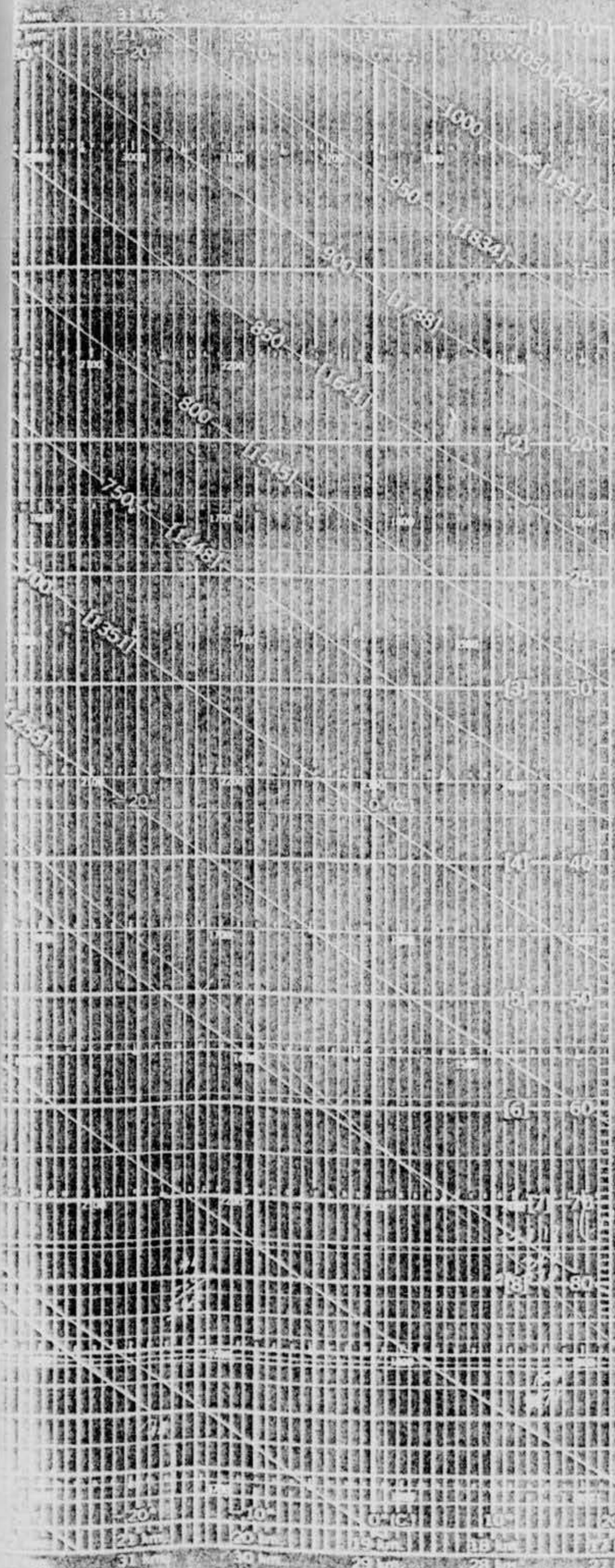
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ADIABATIC CHART

WBAN-31C

CHART NUMBER: 101
 NO. C STOCK NO. 7400-101
 A.P. STOCK NO. 31C-7400-101-101-101
 SUPERSONIC CHART AL-427/JULY 1 JAN 50



PUNCHED CARD NO. 1
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 PUNCHED CARD NO. 47
 PUNCHED CARD NO. 48
 PUNCHED CARD NO. 49
 PUNCHED CARD NO. 50

DATE BLOCK 1

No.	Date	Time	PRESSURE		TEMPERATURE		Remarks
			Static	Dynamic	Static	Dynamic	
1							
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REMARKS

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATE AS TRANSMITTED	WAVE & FREQUENCY	TRANSMISSION
CURVE	TRANSMISSION	TRANSMISSION
DATE AS TRANSMITTED	WAVE & FREQUENCY	TRANSMISSION
CURVE	TRANSMISSION	TRANSMISSION

LEGEND FOR PLOTTED CURVES

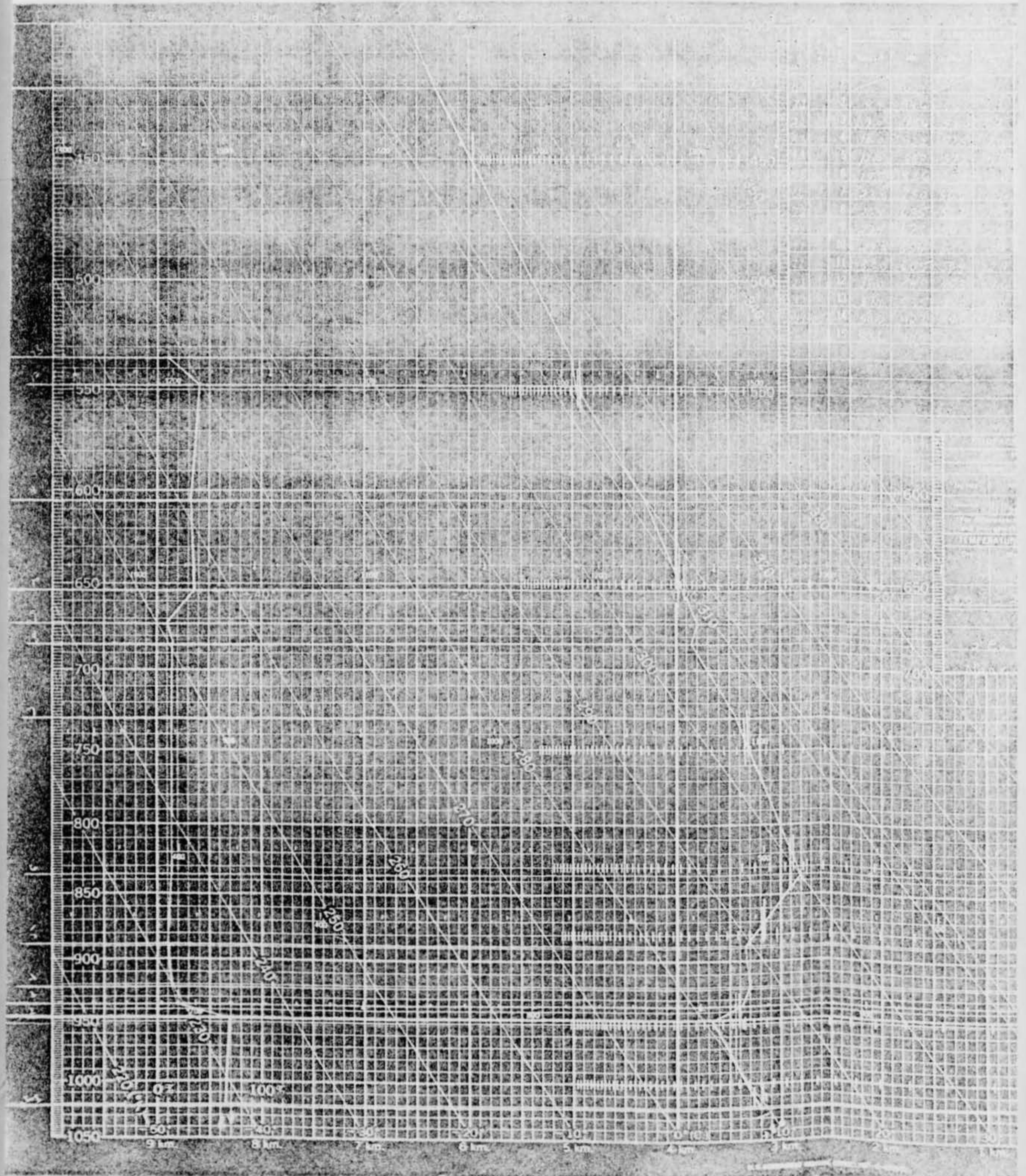
PC - Pressure (Static) - 1000 ft/sec
 TC - Temperature (Static)

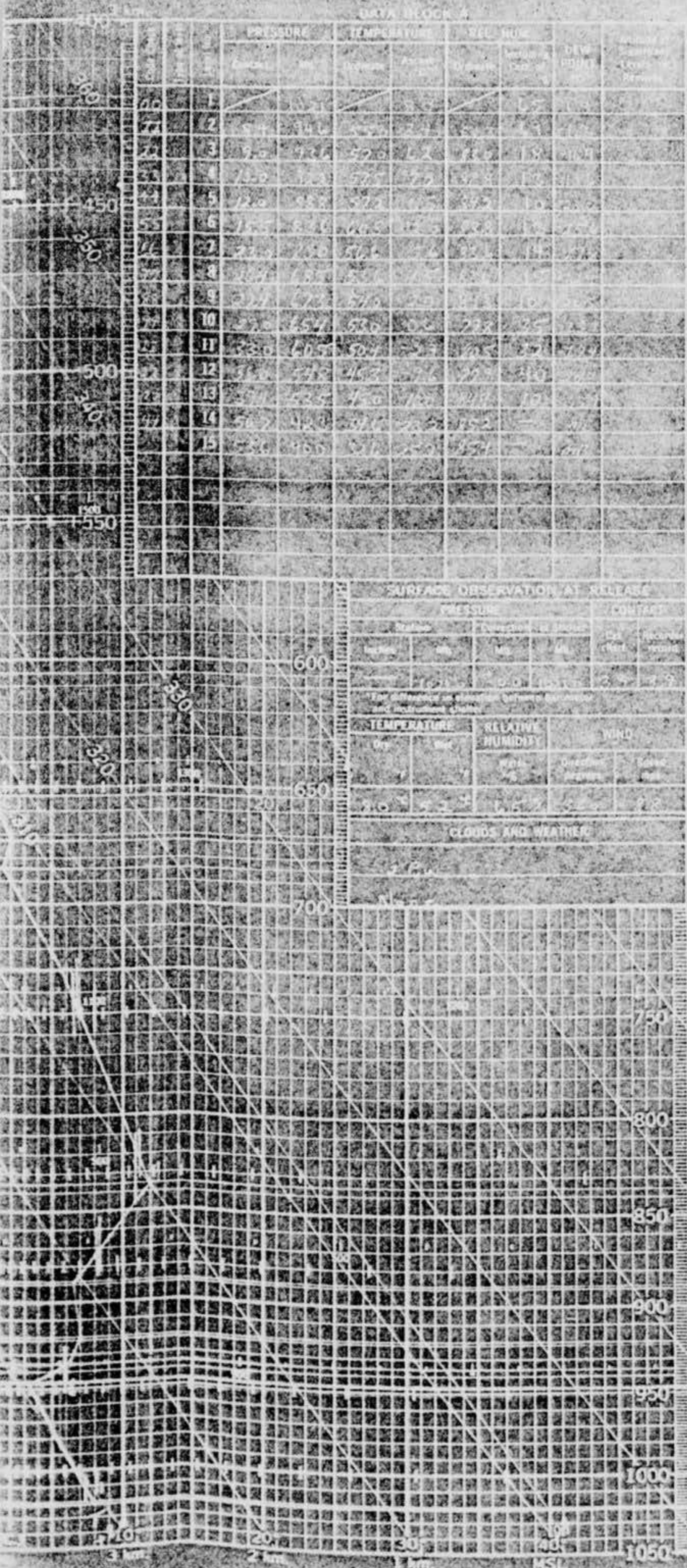
Transmitted by: *[Signature]*
 Received by: *[Signature]*

DATE AND RELEASE TIME

Date	Time	Location
1950	11:21	30° 29' N 86° 31' W
1950	11:22	30° 29' N 86° 31' W

RELEASED FROM
 WBAN-31C
 30° 29' N 86° 31' W





PUNCHED CARD NO. 1

1000	10.0	10.0	75	75	0	0	0
950	9.5	9.5	75	75	0	0	0
900	9.0	9.0	75	75	0	0	0
850	8.5	8.5	75	75	0	0	0
800	8.0	8.0	75	75	0	0	0
750	7.5	7.5	75	75	0	0	0
700	7.0	7.0	75	75	0	0	0
650	6.5	6.5	75	75	0	0	0
600	6.0	6.0	75	75	0	0	0
550	5.5	5.5	75	75	0	0	0
500	5.0	5.0	75	75	0	0	0
450	4.5	4.5	75	75	0	0	0
400	4.0	4.0	75	75	0	0	0
350	3.5	3.5	75	75	0	0	0
300	3.0	3.0	75	75	0	0	0
250	2.5	2.5	75	75	0	0	0
200	2.0	2.0	75	75	0	0	0
150	1.5	1.5	75	75	0	0	0
100	1.0	1.0	75	75	0	0	0

PUNCHED CARD NO. 2

1000	10.0	10.0	75	75	0	0	0
950	9.5	9.5	75	75	0	0	0
900	9.0	9.0	75	75	0	0	0
850	8.5	8.5	75	75	0	0	0
800	8.0	8.0	75	75	0	0	0
750	7.5	7.5	75	75	0	0	0
700	7.0	7.0	75	75	0	0	0
650	6.5	6.5	75	75	0	0	0
600	6.0	6.0	75	75	0	0	0
550	5.5	5.5	75	75	0	0	0
500	5.0	5.0	75	75	0	0	0
450	4.5	4.5	75	75	0	0	0
400	4.0	4.0	75	75	0	0	0
350	3.5	3.5	75	75	0	0	0
300	3.0	3.0	75	75	0	0	0
250	2.5	2.5	75	75	0	0	0
200	2.0	2.0	75	75	0	0	0
150	1.5	1.5	75	75	0	0	0
100	1.0	1.0	75	75	0	0	0

PUNCHED CARD NO. 3

1000	10.0	10.0	75	75	0	0	0
950	9.5	9.5	75	75	0	0	0
900	9.0	9.0	75	75	0	0	0
850	8.5	8.5	75	75	0	0	0
800	8.0	8.0	75	75	0	0	0
750	7.5	7.5	75	75	0	0	0
700	7.0	7.0	75	75	0	0	0
650	6.5	6.5	75	75	0	0	0
600	6.0	6.0	75	75	0	0	0
550	5.5	5.5	75	75	0	0	0
500	5.0	5.0	75	75	0	0	0
450	4.5	4.5	75	75	0	0	0
400	4.0	4.0	75	75	0	0	0
350	3.5	3.5	75	75	0	0	0
300	3.0	3.0	75	75	0	0	0
250	2.5	2.5	75	75	0	0	0
200	2.0	2.0	75	75	0	0	0
150	1.5	1.5	75	75	0	0	0
100	1.0	1.0	75	75	0	0	0

ADIABATIC CHART

WEA-31A

CHART NO. 4251
 GPO C. 51000 No. 71-507-525
 AIR STOCK NO. 314-2100-701-434-510
 SUPERSEDES CHART AL-425 (JUN. 1, NOV. 51)

BASELINE CHECK READINGS

TEMPERATURE			
RELATIVE HUMIDITY			

CODED MESSAGE FOR TRANSMISSION

1000 10.0 10.0 75 75 0 0 0
 950 9.5 9.5 75 75 0 0 0
 900 9.0 9.0 75 75 0 0 0
 850 8.5 8.5 75 75 0 0 0
 800 8.0 8.0 75 75 0 0 0
 750 7.5 7.5 75 75 0 0 0
 700 7.0 7.0 75 75 0 0 0
 650 6.5 6.5 75 75 0 0 0
 600 6.0 6.0 75 75 0 0 0
 550 5.5 5.5 75 75 0 0 0
 500 5.0 5.0 75 75 0 0 0
 450 4.5 4.5 75 75 0 0 0
 400 4.0 4.0 75 75 0 0 0
 350 3.5 3.5 75 75 0 0 0
 300 3.0 3.0 75 75 0 0 0
 250 2.5 2.5 75 75 0 0 0
 200 2.0 2.0 75 75 0 0 0
 150 1.5 1.5 75 75 0 0 0
 100 1.0 1.0 75 75 0 0 0

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS RELEASED ON PUNCHED CARD
TEMP	TEMPERATURE
RELH	RELATIVE HUMIDITY
WIND	WIND VELOCITY
WDIR	WIND DIRECTION
WSPR	WIND SPEED

LEGEND FOR PLOTTED CURVES

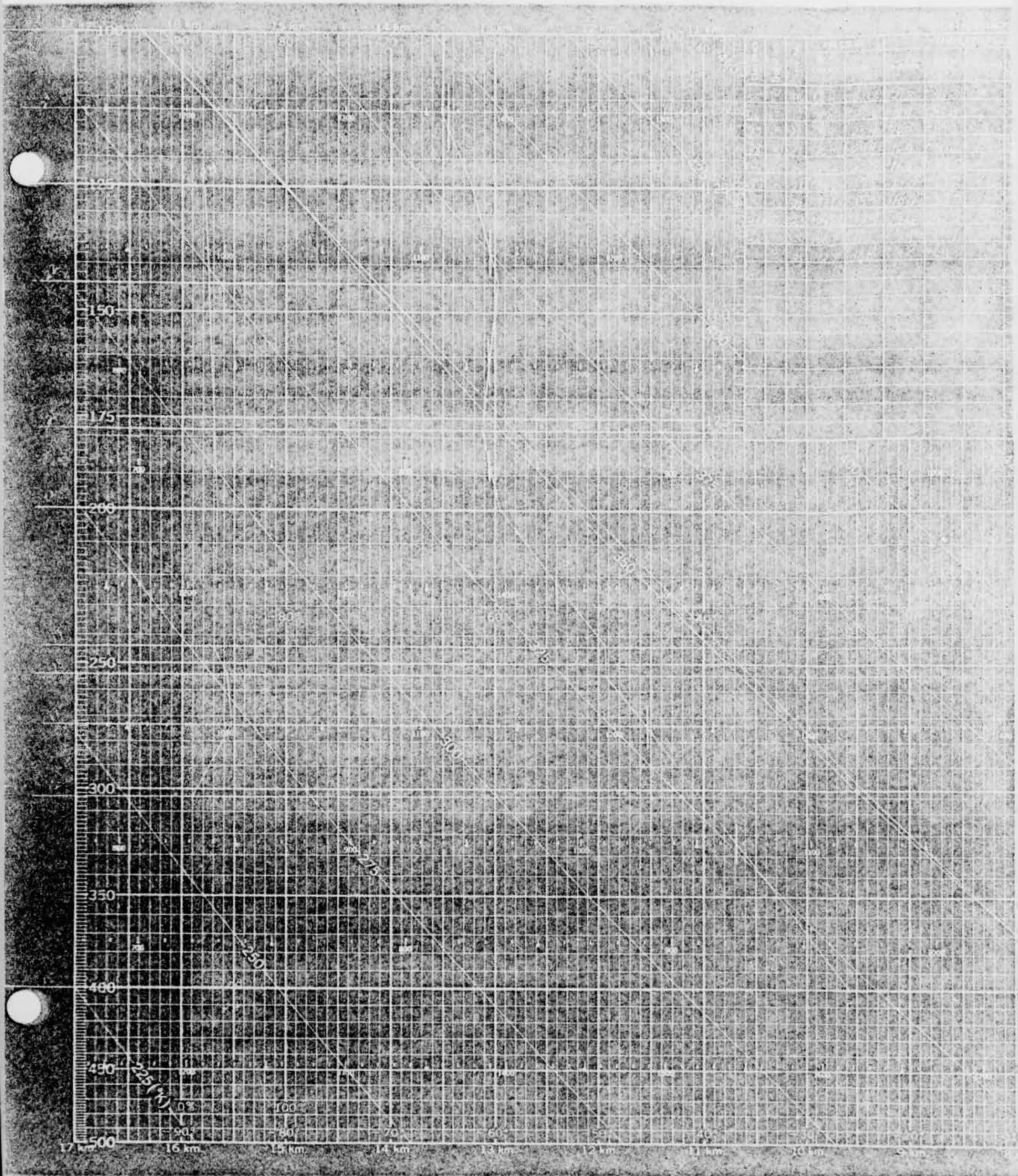
TEMPERATURE
RELATIVE HUMIDITY
WIND VELOCITY
WIND DIRECTION

H. Whitehurst
C. Whitehurst

DATE AND RELEASE TIME

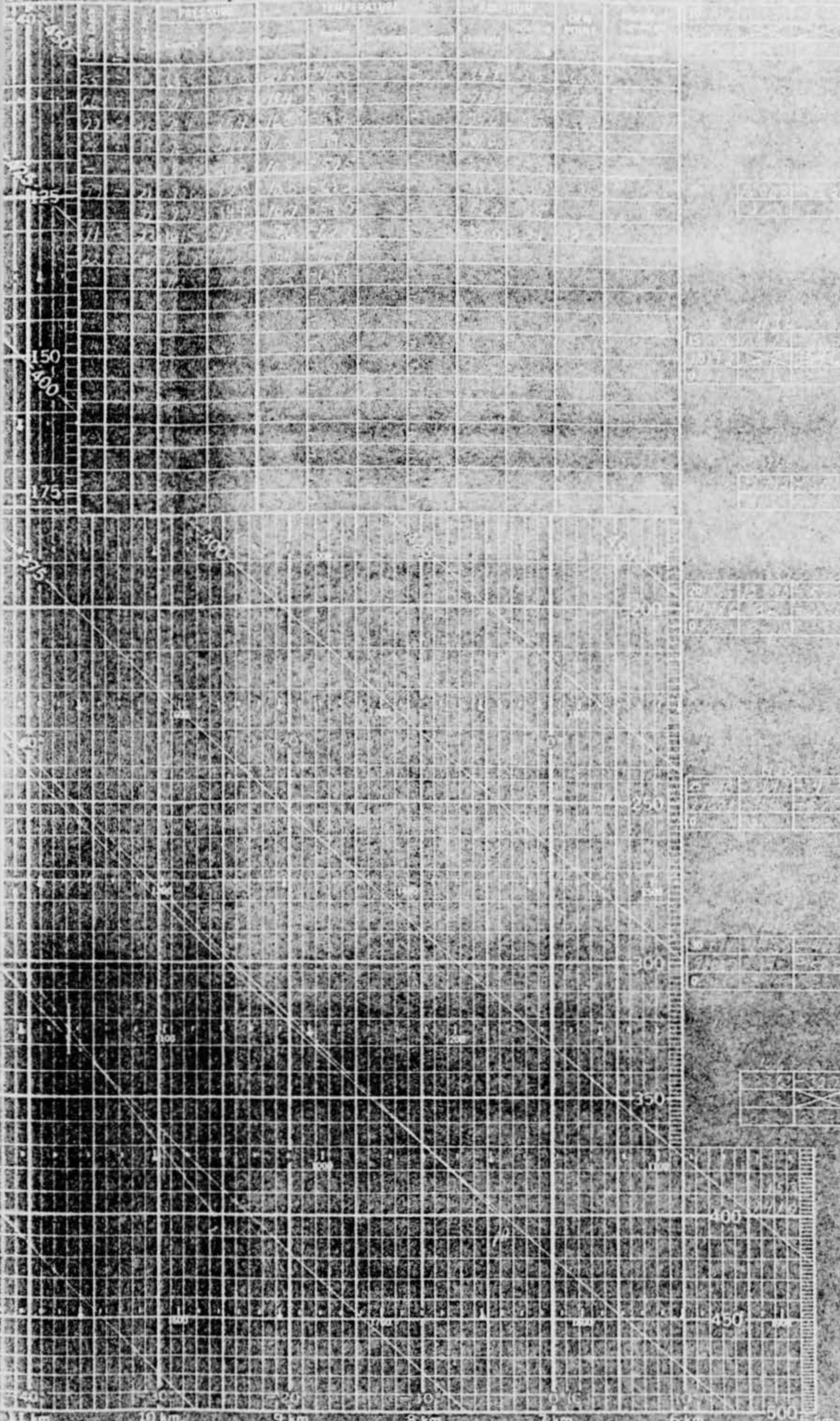
DATE	TIME	RELEASE TIME
20 Nov 50	11	2200
61	11	2200

C. S. G.



DATA BLOCK 5

ADIABATIC CHART



OWAFM-131/141
 WAFM-131/141
 SUPPERSED CHART NO. 12/10M, 1 AUG 1951

PUNCHED CARD No. 1

CODED MESSAGE FOR TRANSMISSION

LEGEND FOR CONSTANT PRESSURE BLOCKS

SYMBOL	TEMPERATURE (C)	RELATIVE HUMIDITY (%)

LEGEND FOR PLOTTED CURVES

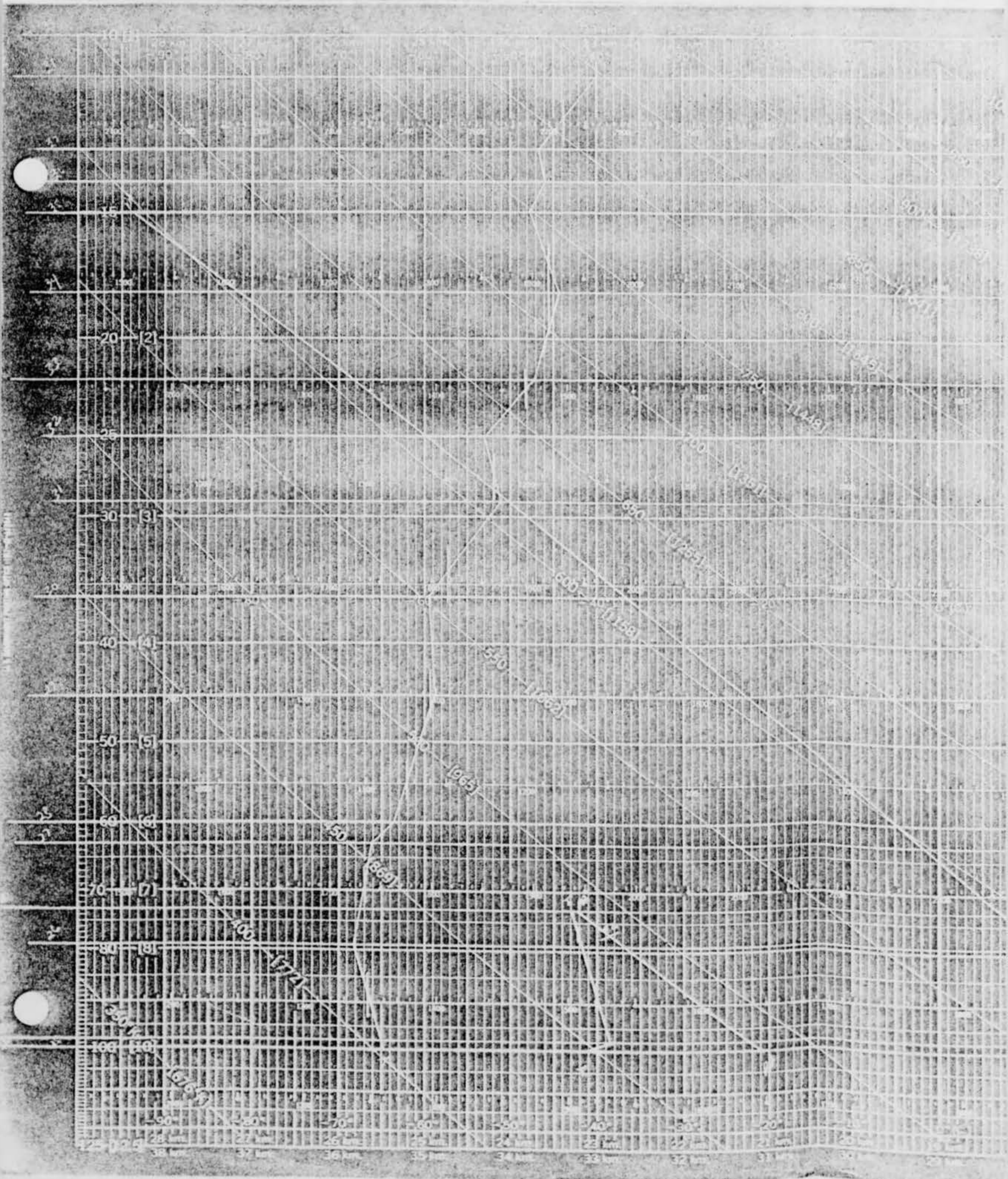
P - Pressure (mm) or (hPa)
 T - Temperature (C) or (F)
 RH - Relative Humidity (%)

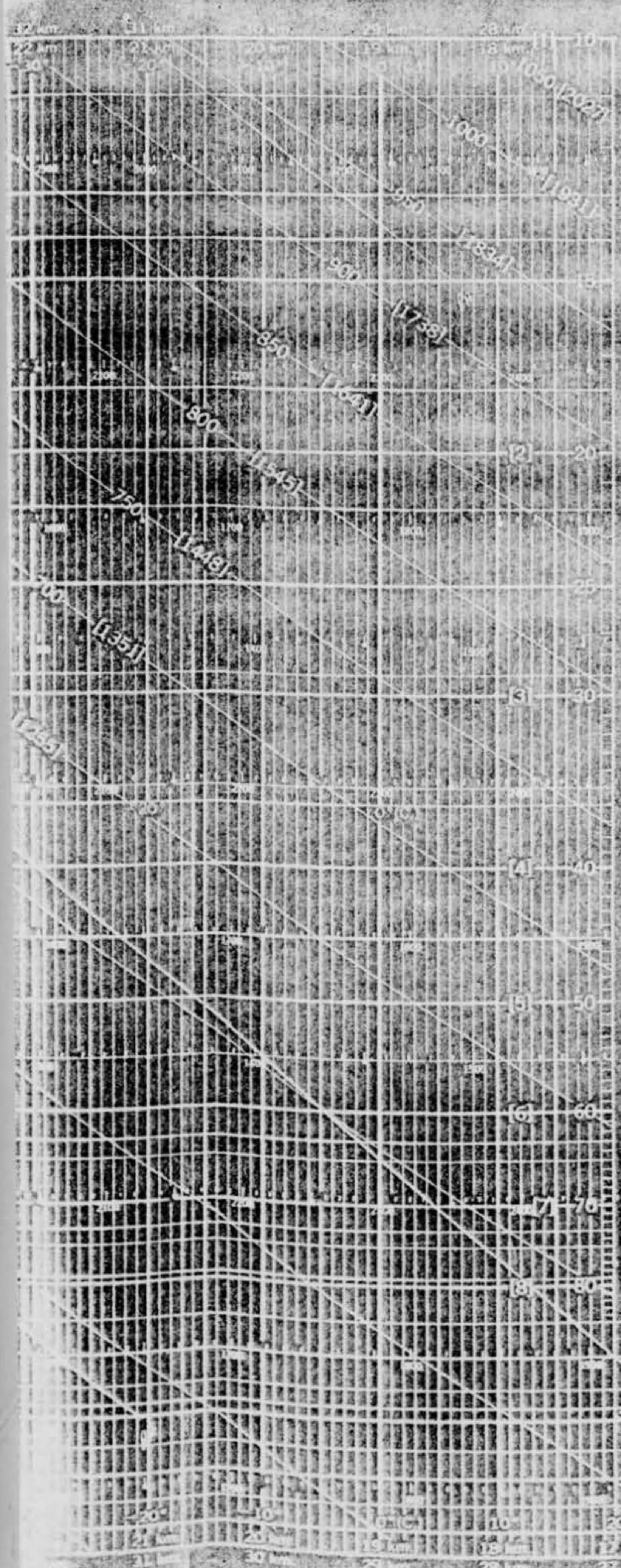
Drawn by: _____
 Verified by: _____
 Inspected by: _____

DATE AND RELEASE TIME

Year	Month	Day	Time

Received at: _____
 Released by: _____





PUNCHED CARD NO. 1
PUNCHED CARD NO. 2
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PUNCHED CARD NO. 87
PUNCHED CARD NO. 88
PUNCHED CARD NO. 89
PUNCHED CARD NO. 90
PUNCHED CARD NO. 91
PUNCHED CARD NO. 92
PUNCHED CARD NO. 93
PUNCHED CARD NO. 94
PUNCHED CARD NO. 95
PUNCHED CARD NO. 96
PUNCHED CARD NO. 97
PUNCHED CARD NO. 98
PUNCHED CARD NO. 99
PUNCHED CARD NO. 100

ADIABATIC CHART

WYMAN & CO.
CHART NO. 227-100
S. O. STOCK NO. 74507-227
A. P. STOCK NO. 810-2400-701-418-1-2
SUPERSEDES CHART NO. 227-100, 1-1-41

DATA BLOCKS

BLOCK NO.	PRESSURE		TEMPERATURE	
	Initial	Final	Initial	Final
1	100	10	100	10
2	100	10	100	10
3	100	10	100	10
4	100	10	100	10
5	100	10	100	10
6	100	10	100	10
7	100	10	100	10
8	100	10	100	10
9	100	10	100	10
10	100	10	100	10
11	100	10	100	10
12	100	10	100	10
13	100	10	100	10
14	100	10	100	10
15	100	10	100	10
16	100	10	100	10
17	100	10	100	10
18	100	10	100	10
19	100	10	100	10
20	100	10	100	10
21	100	10	100	10
22	100	10	100	10
23	100	10	100	10
24	100	10	100	10
25	100	10	100	10
26	100	10	100	10
27	100	10	100	10
28	100	10	100	10
29	100	10	100	10
30	100	10	100	10
31	100	10	100	10
32	100	10	100	10
33	100	10	100	10
34	100	10	100	10
35	100	10	100	10
36	100	10	100	10
37	100	10	100	10
38	100	10	100	10
39	100	10	100	10
40	100	10	100	10
41	100	10	100	10
42	100	10	100	10
43	100	10	100	10
44	100	10	100	10
45	100	10	100	10
46	100	10	100	10
47	100	10	100	10
48	100	10	100	10
49	100	10	100	10
50	100	10	100	10
51	100	10	100	10
52	100	10	100	10
53	100	10	100	10
54	100	10	100	10
55	100	10	100	10
56	100	10	100	10
57	100	10	100	10
58	100	10	100	10
59	100	10	100	10
60	100	10	100	10
61	100	10	100	10
62	100	10	100	10
63	100	10	100	10
64	100	10	100	10
65	100	10	100	10
66	100	10	100	10
67	100	10	100	10
68	100	10	100	10
69	100	10	100	10
70	100	10	100	10
71	100	10	100	10
72	100	10	100	10
73	100	10	100	10
74	100	10	100	10
75	100	10	100	10
76	100	10	100	10
77	100	10	100	10
78	100	10	100	10
79	100	10	100	10
80	100	10	100	10
81	100	10	100	10
82	100	10	100	10
83	100	10	100	10
84	100	10	100	10
85	100	10	100	10
86	100	10	100	10
87	100	10	100	10
88	100	10	100	10
89	100	10	100	10
90	100	10	100	10
91	100	10	100	10
92	100	10	100	10
93	100	10	100	10
94	100	10	100	10
95	100	10	100	10
96	100	10	100	10
97	100	10	100	10
98	100	10	100	10
99	100	10	100	10
100	100	10	100	10

REMARKS

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS RECEIVED
CONSTANT PRESSURE	CONSTANT PRESSURE
CONSTANT TEMPERATURE	CONSTANT TEMPERATURE
CONSTANT VOLUME	CONSTANT VOLUME

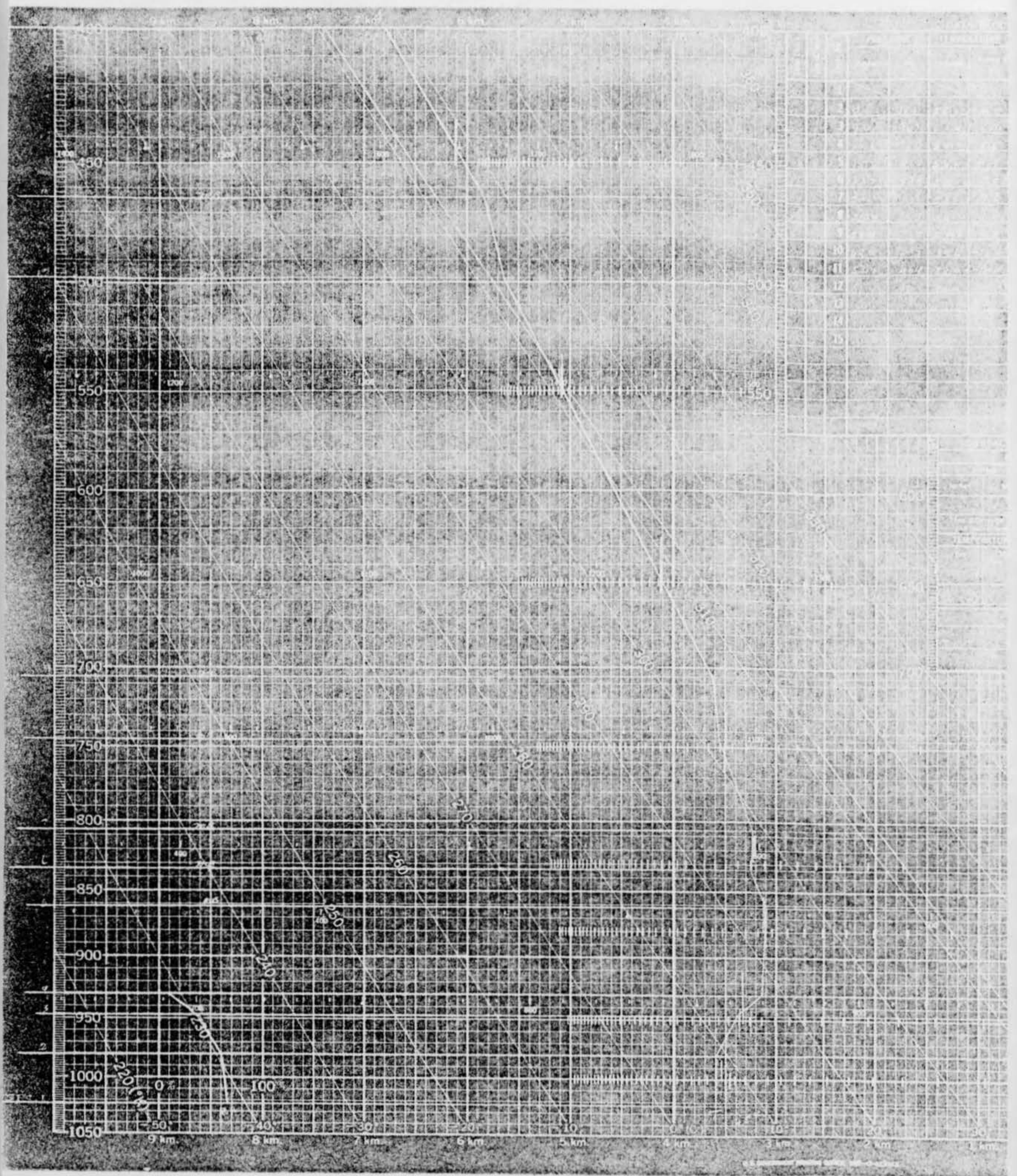
LEGEND FOR PLOTTED CURVES

1. Pressure (P) vs. Temperature (T)
2. Pressure (P) vs. Volume (V)
3. Temperature (T) vs. Volume (V)

DATE AND RELEASE TIME

DATE	TIME	REMARKS

WYMAN & CO.



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

REPLY TO
ATTN OF: CCDFD

SUBJECT: Radiosonde Data for Panama City Area

23 Jan 1962

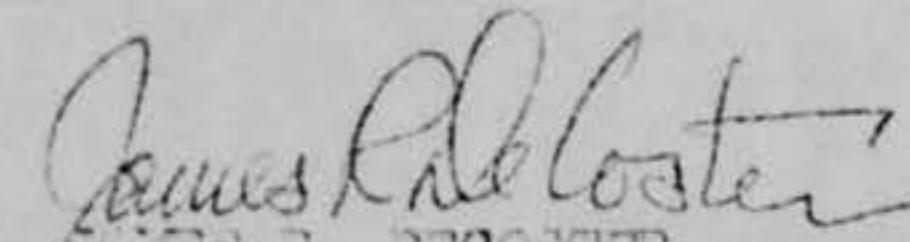
TO: Aerospace Technical Intelligence Center
ATTN: AFCIN 4E2X, Sgt. Moody
Wright-Patterson AFB, Ohio

1. Reference: Your telephone request 0930 EST, 12 Jan 1962.
2. We are sending copies of adiabatic charts for the Panama City, Florida area as follows:

Eglin AFB	20-22 Dec 61
Cape San Blas	20-21 Dec 61

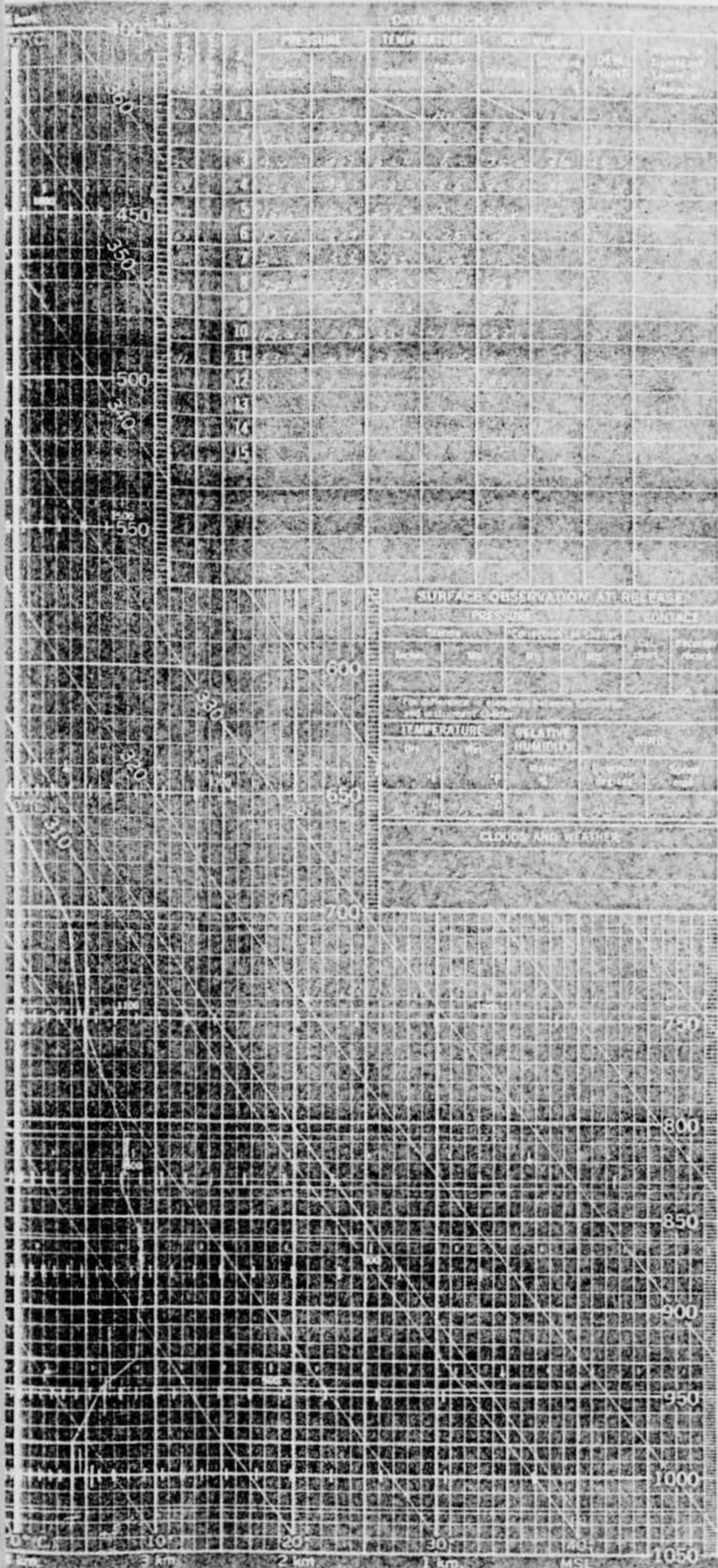
Observations not received from Cape San Blas for 22 Dec 1961.

FOR THE DIRECTOR


JAMES R. DECASTER
Chief, Data Processing Division

Atch
Photocopies/Adiabatic Charts

DATA BLOCK 2



SURFACE OBSERVATION AT RELEASE

PRESSURE		TEMPERATURE		RELATIVE HUMIDITY		WIND	
msl	ft	°C	°F	%		dir	speed
TEMPERATURE		RELATIVE HUMIDITY		WIND			
msl	ft	°C	°F	%		dir	speed
CLOUDS AND WEATHER							

ADIABATIC CHART
WMAN-31A

CHART NO. 413/414
 NIDIC STOCK NO. 74267-423
 AF STOCK NO. 31A 2400-701-43-418
 SUPERSEDES CHART NO. 425/414 1 NOV 53

BASELINE CHECK READINGS

DATE	TEMPERATURE		RELATIVE HUMIDITY
	Observed	Standard	

CODED MESSAGE FOR TRANSMISSION

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

RELEASE

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

LEGEND FOR CONSTANT PRESSURE LEVELS

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD	
0000	Altitude (msl)	Temperature (°C)
110-14	Relative Humidity (%)	Wind Dir. (°)
0000	Direction (msl) (°)	Wind Speed (kts)

LEGEND FOR PLOTTED CURVES

Temperature (°C)	Relative Humidity (%)	Wind Dir. (°)	Wind Speed (kts)
------------------	-----------------------	---------------	------------------

Drawn by: _____

Verified by: _____

Inspected by: _____

DATE AND RELEASE TIME

Year	Month	Day	Time

PUNCHED CARD NO. _____

1. _____

2. _____

3. _____

4. _____

5. _____

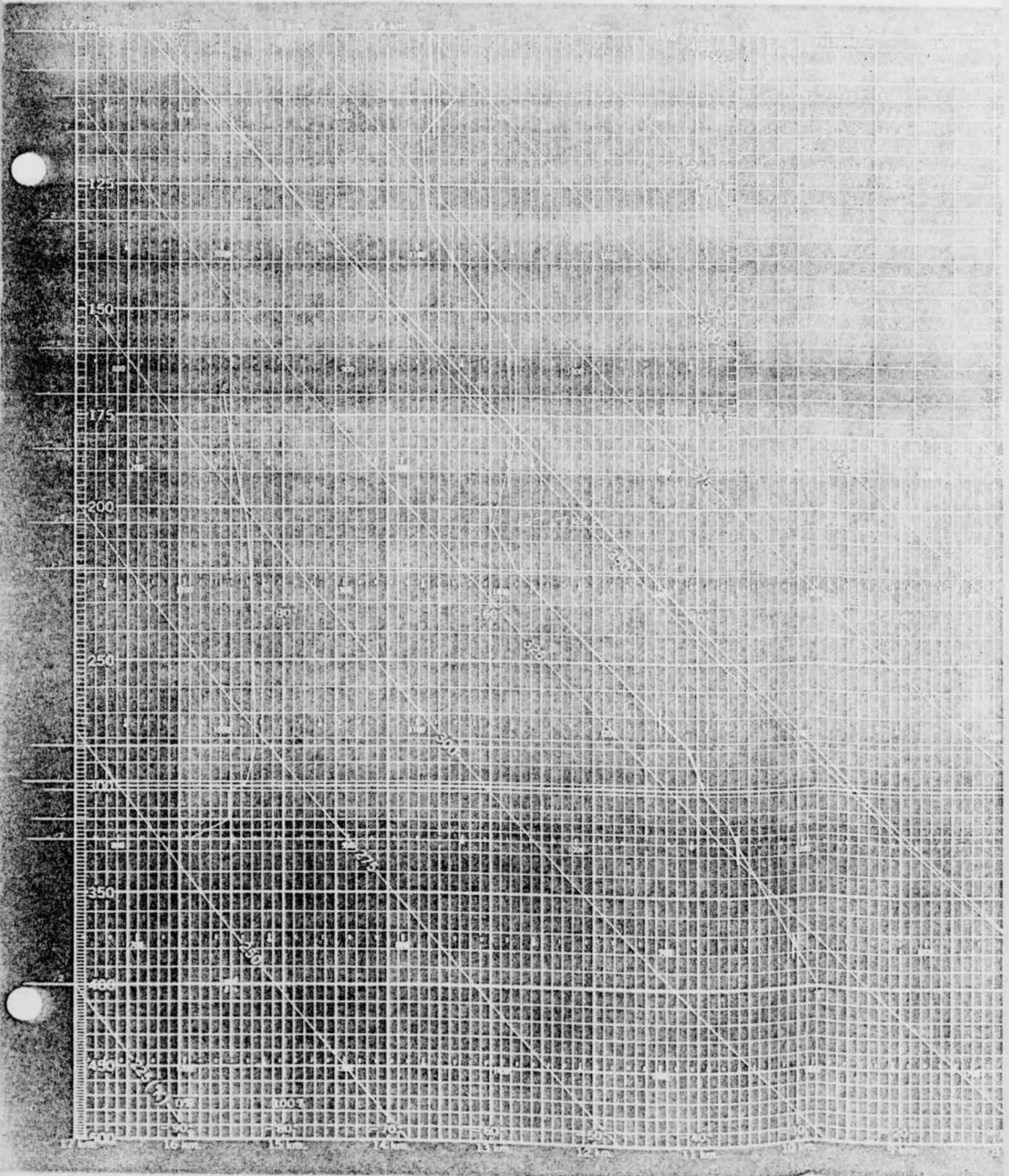
6. _____

7. _____

8. _____

9. _____

10. _____



125

150

175

200

250

300

350

375

400

425

300

300

300

300

300

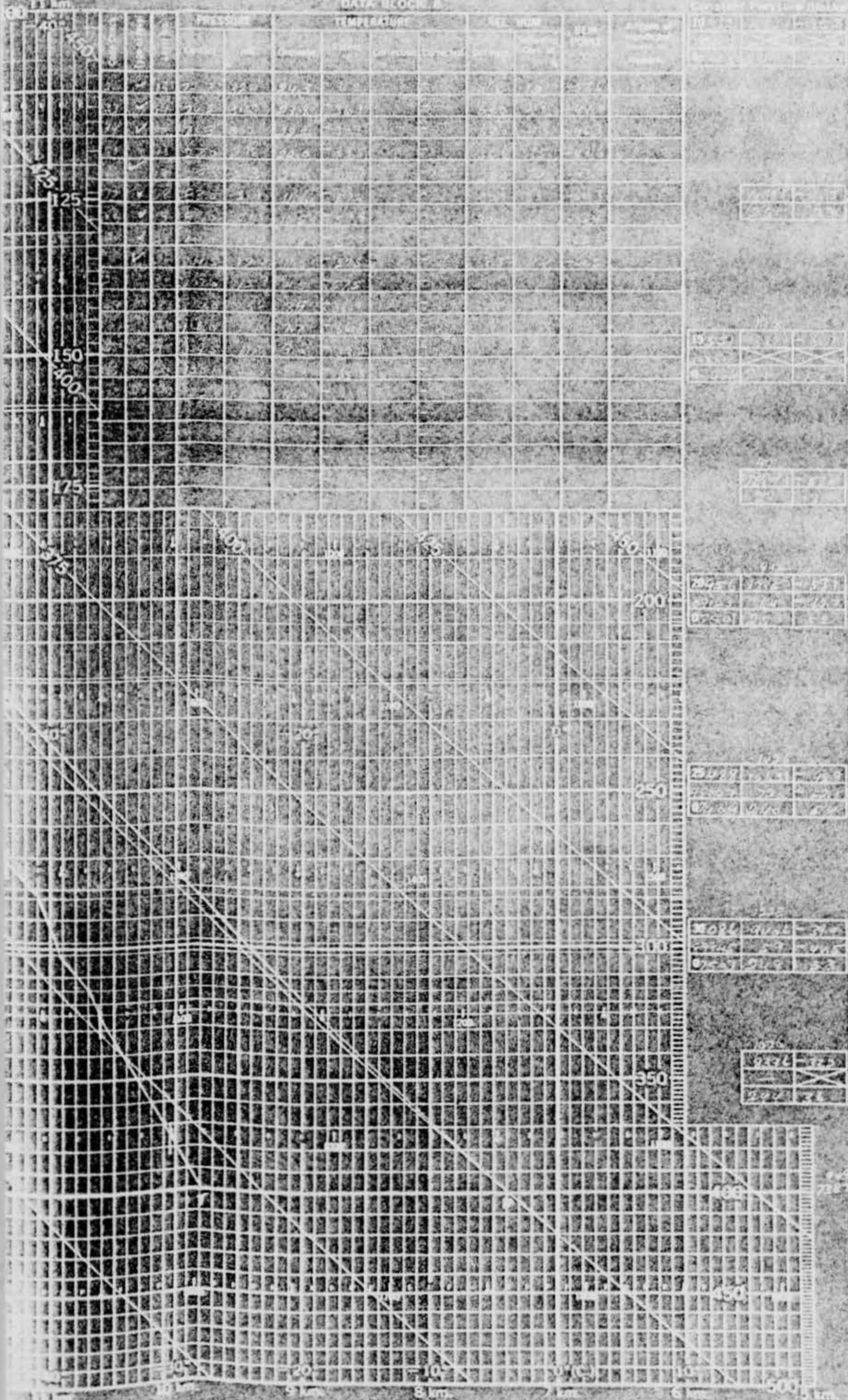
300

300

300

300

DATA BLOCK 1



ADIABATIC CHART

CHART NO. 1000
 U.S. AIR FORCE
 U.S. AIR FORCE ENGINEERING CENTER
 WRIGHT-PATTERSON AIR FORCE BASE
 DAYTON, OHIO 45433-3900

FOR USE IN CONNECTION WITH THE FOLLOWING PUBLICATIONS:

1. <i>Standard Atmosphere</i> , U.S. Air Force Handbook, AF-43 (1963)
2. <i>Standard Atmosphere</i> , U.S. Air Force Handbook, AF-43 (1963)
3. <i>Standard Atmosphere</i> , U.S. Air Force Handbook, AF-43 (1963)
4. <i>Standard Atmosphere</i> , U.S. Air Force Handbook, AF-43 (1963)
5. <i>Standard Atmosphere</i> , U.S. Air Force Handbook, AF-43 (1963)
6. <i>Standard Atmosphere</i> , U.S. Air Force Handbook, AF-43 (1963)
7. <i>Standard Atmosphere</i> , U.S. Air Force Handbook, AF-43 (1963)
8. <i>Standard Atmosphere</i> , U.S. Air Force Handbook, AF-43 (1963)
9. <i>Standard Atmosphere</i> , U.S. Air Force Handbook, AF-43 (1963)
10. <i>Standard Atmosphere</i> , U.S. Air Force Handbook, AF-43 (1963)

CODED MESSAGE FOR TRANSMISSION

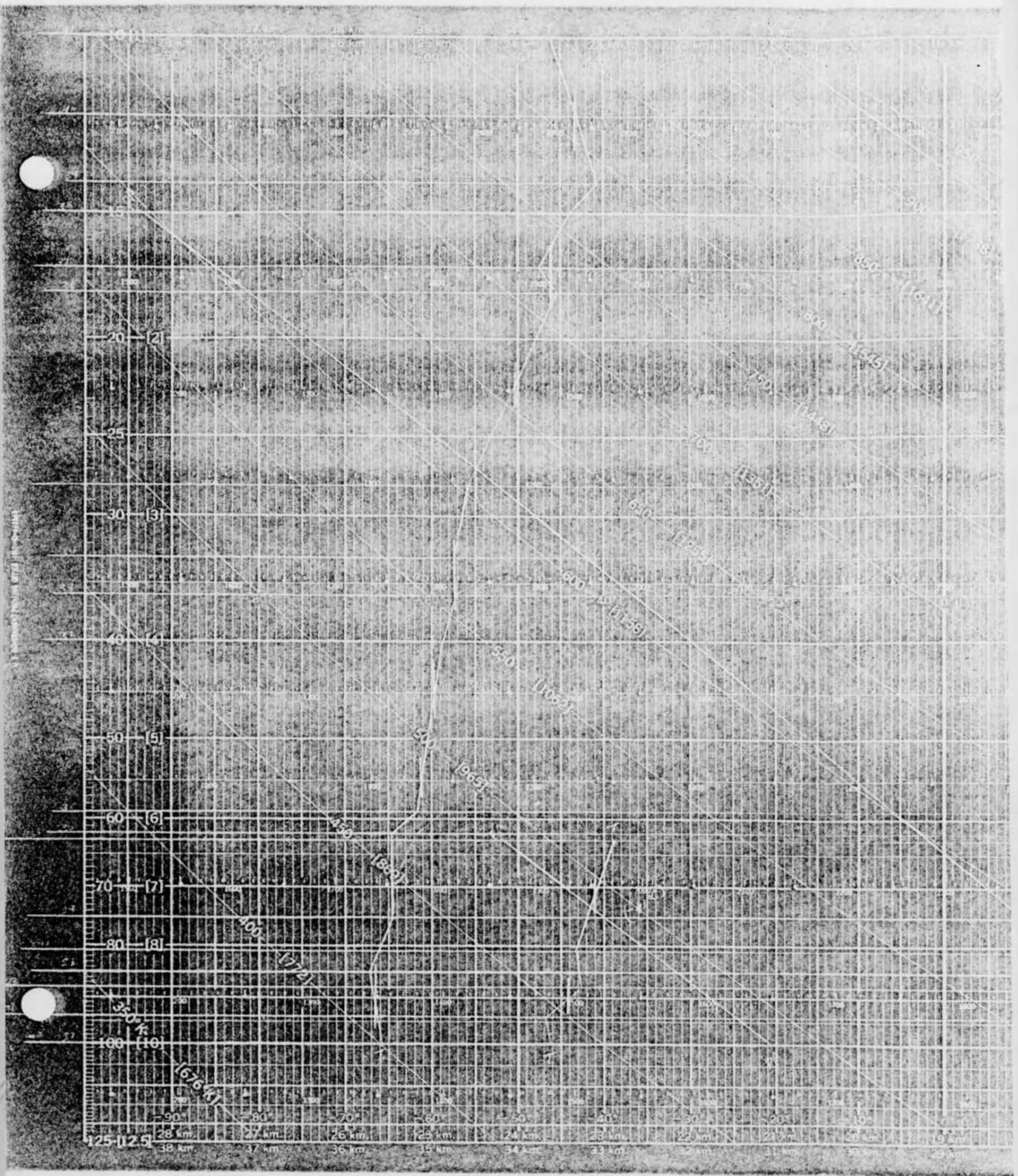
LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA TRANSMITTED	DATA RECEIVED
QNH	Pressure (inches Hg)
QFE	Pressure (inches Hg)
QNE	Pressure (inches Hg)

LEGEND FOR PLOTTED CURVES

DATE AND RELEASE TIME

DATE	TIME
_____	_____
_____	_____



ADIABATIC CHART

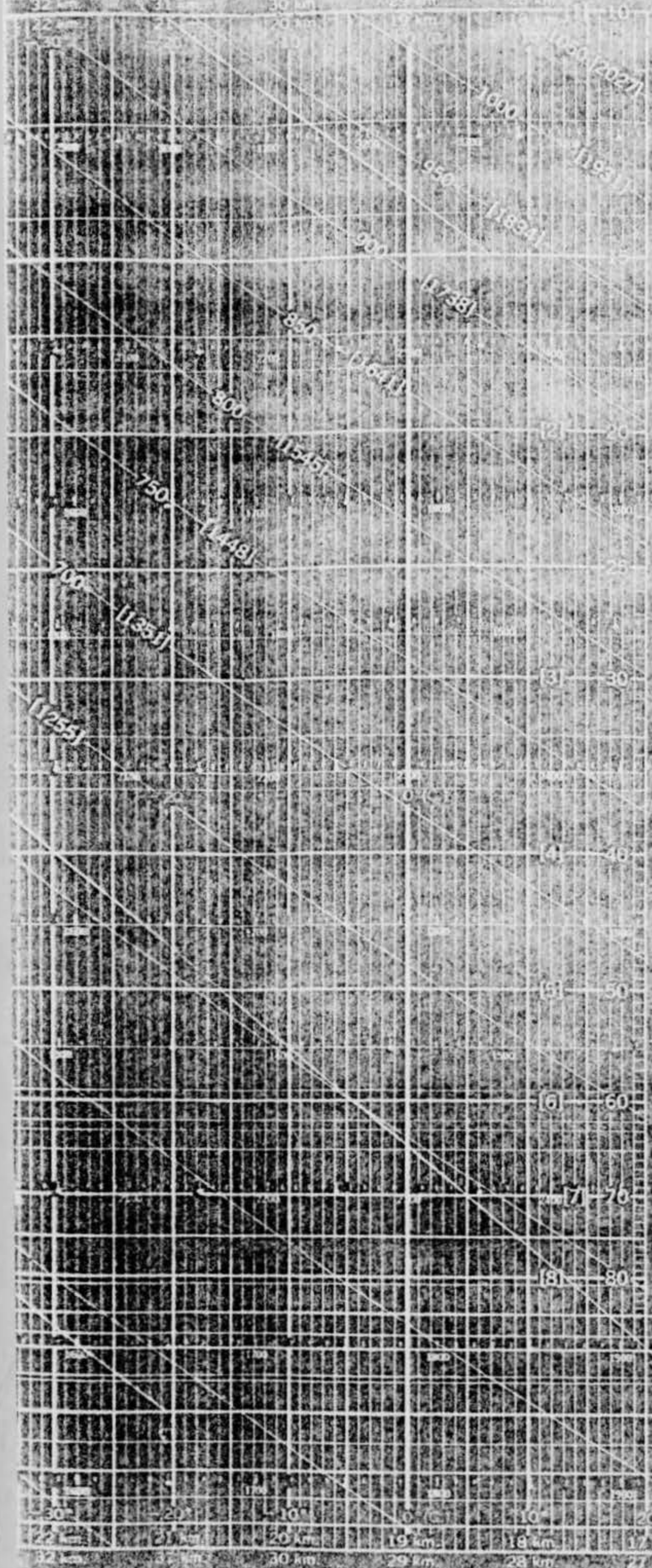
WEA-510

CHART NO. 4477/44

NO. C STOCK NO. 74507-422

ALT. STOCK NO. 31C-2400291-1-50-200

SUPERSEDES CHART NO. 4477/44, 3 JAN 60



PUNCHED CARD NO. 8-3

DATA RECORD

TIME	PRESSURE	TEMPERATURE	WIND	MOISTURE	OTHER

REMARKS

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD

LEGEND FOR PLOTTED CURVES

Drawn by _____

Verified by _____

Approved by _____

DATE AND RELEASE TIME

DATE	TIME

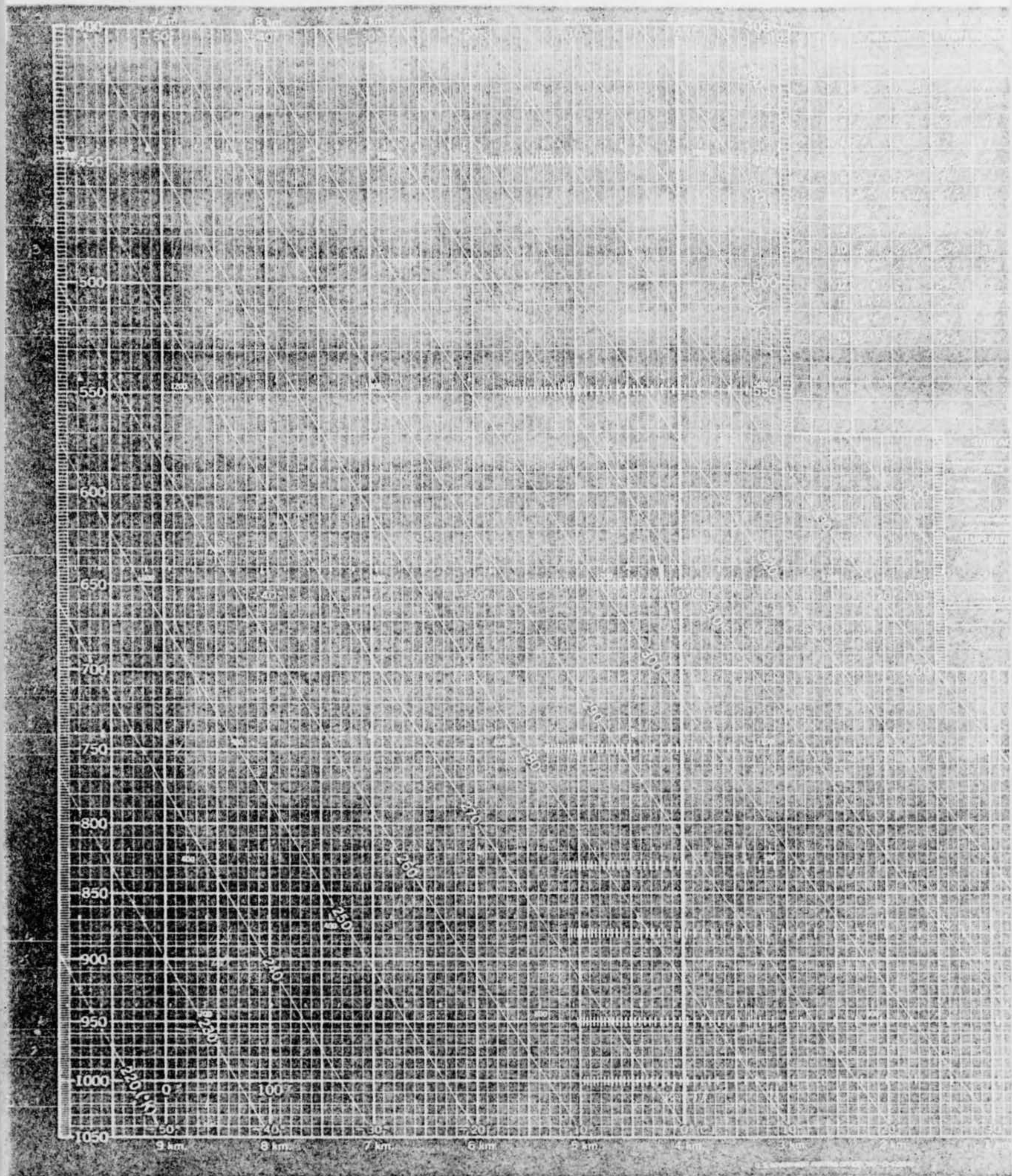


PUNCHED CARD NO. 8-3



PUNCHED CARD NO. 8-3





ADIABATIC CHART

WYAN-31A

DATE: 10/25/54
 TIME: 1500Z
 STATION: 31A
 SUPERSEDED CHART NO. 31A/10/25/54

BASELINE CHECK TABLE

STATION	TEMPERATURE	
	WIND	WIND
RELATIVE HUMIDITY		

CODED MESSAGE FOR TRANSMISSION

REMARKS:
 1000
 1000

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD

LEGEND FOR PLOTTED CURVES

PA Pressure, RH Relative Humidity, T Temperature, W Wind, P Pressure, Q Q, R R, S S, T Temperature, U U, V V, W Wind, X X, Y Y, Z Z

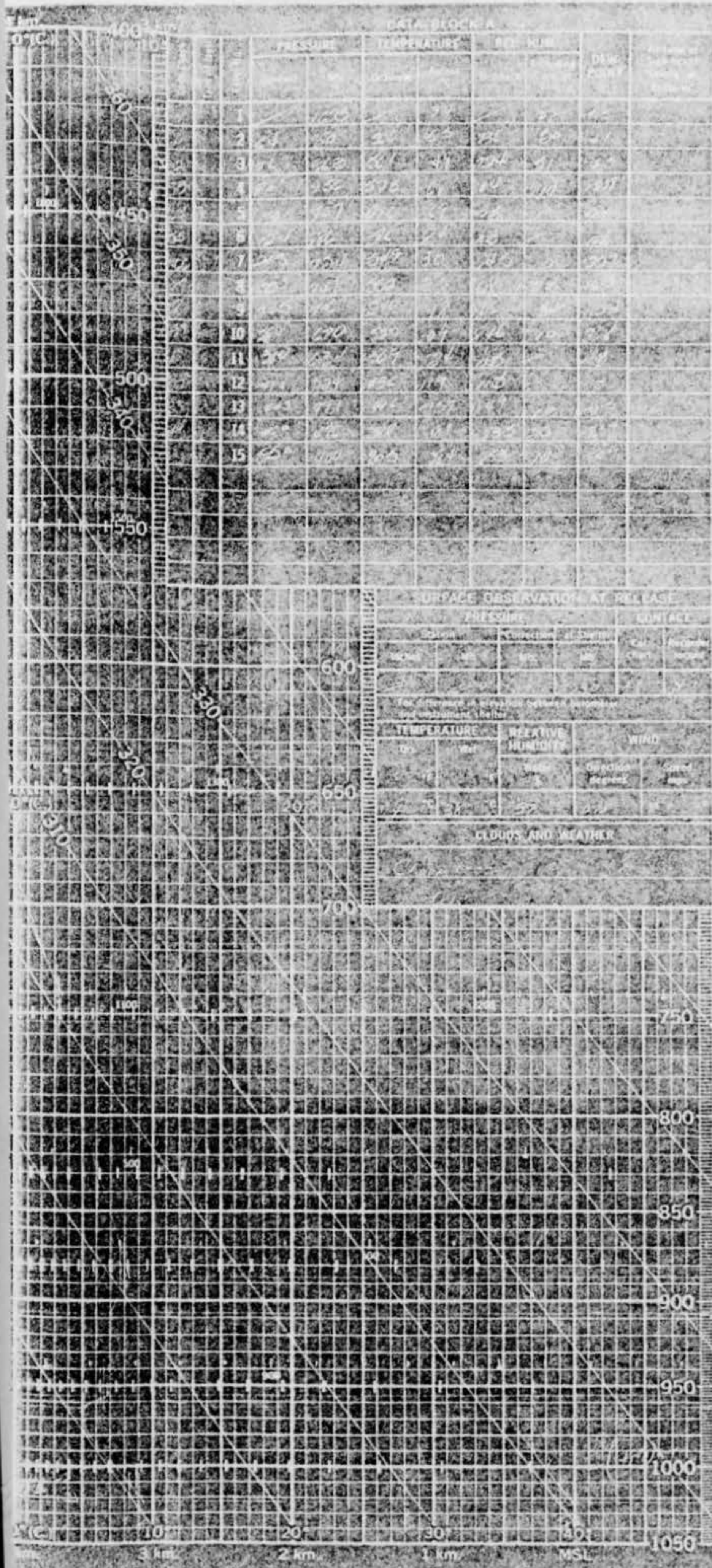
Date: 10/25/54
 Time: 1500Z
 Station: 31A

DATE AND RELEASE TIME

RELEASE RECORD

30-29N 86-31W

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



ADIABATIC CHART WYAN-31A

DATE: 10/25/54
 TIME: 1500Z
 STATION: 31A
 SUPERSEDED CHART NO. 31A/10/25/54

BASELINE CHECK TABLE

CODED MESSAGE FOR TRANSMISSION

REMARKS:
 1000
 1000

LEGEND FOR CONSTANT PRESSURE BLOCKS

LEGEND FOR PLOTTED CURVES

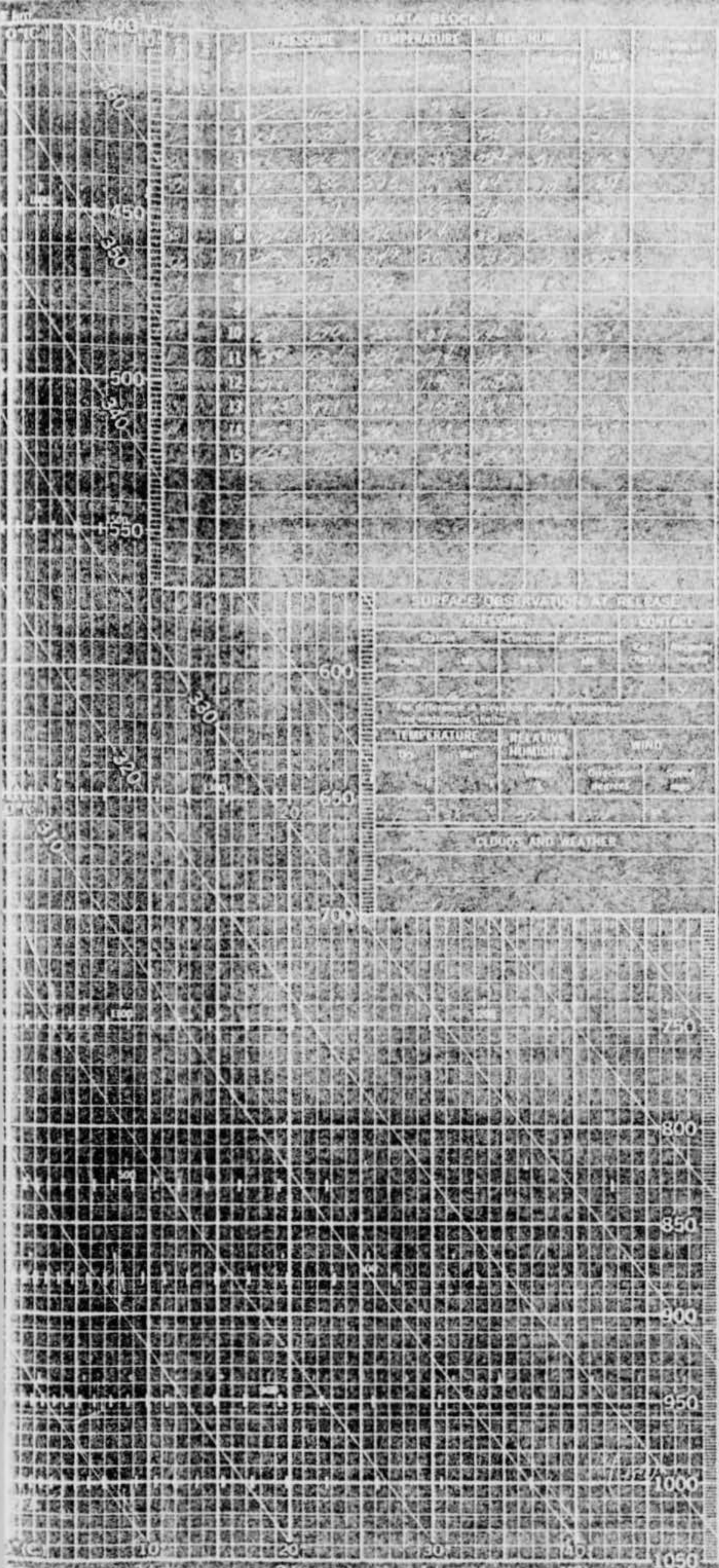
Date: 10/25/54
 Time: 1500Z
 Station: 31A

RELEASE RECORD

30-29N 86-31W

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

DATA BLOCK A



CONSTANT PRESSURE BLOCK

Pressure (hPa)	Temp (C)	Temp (F)	Rel Hum (%)	Wind (kts)
1000	28	82	85	10
950	25	77	80	10
900	22	72	75	10
850	18	64	70	10
800	14	57	65	10
750	10	50	60	10
700	6	43	55	10
650	2	36	50	10
600	-2	28	45	10
550	-6	21	40	10
500	-10	14	35	10
450	-14	7	30	10
400	-18	0	25	10

ADIABATIC CHART

CHART NUMBER: 01
 SPEC BOOK No. 7-307-02
 AF BOOK No. 11A-200-701-22-118
 SUPERSEDES CHART No. 425/04 1 NOV 55

BASELINE CHECK HEADINGS

Station	Time	Pressure	Temp	Rel Hum	Wind

CODED MESSAGE FOR TRANSMISSION

REMARKS

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA TRANSMITTED	DATA OBTAINED ON PUNCHED CARD
Temp	Temperature (C)
Temp	Temperature (F)
Rel Hum	Relative Humidity (%)
Wind	Wind Speed (kts)

LEGEND FOR PLOTTED CURVES

Curve Type	Symbol
Temperature	
Relative Humidity	
Wind	

Transmitted to: _____

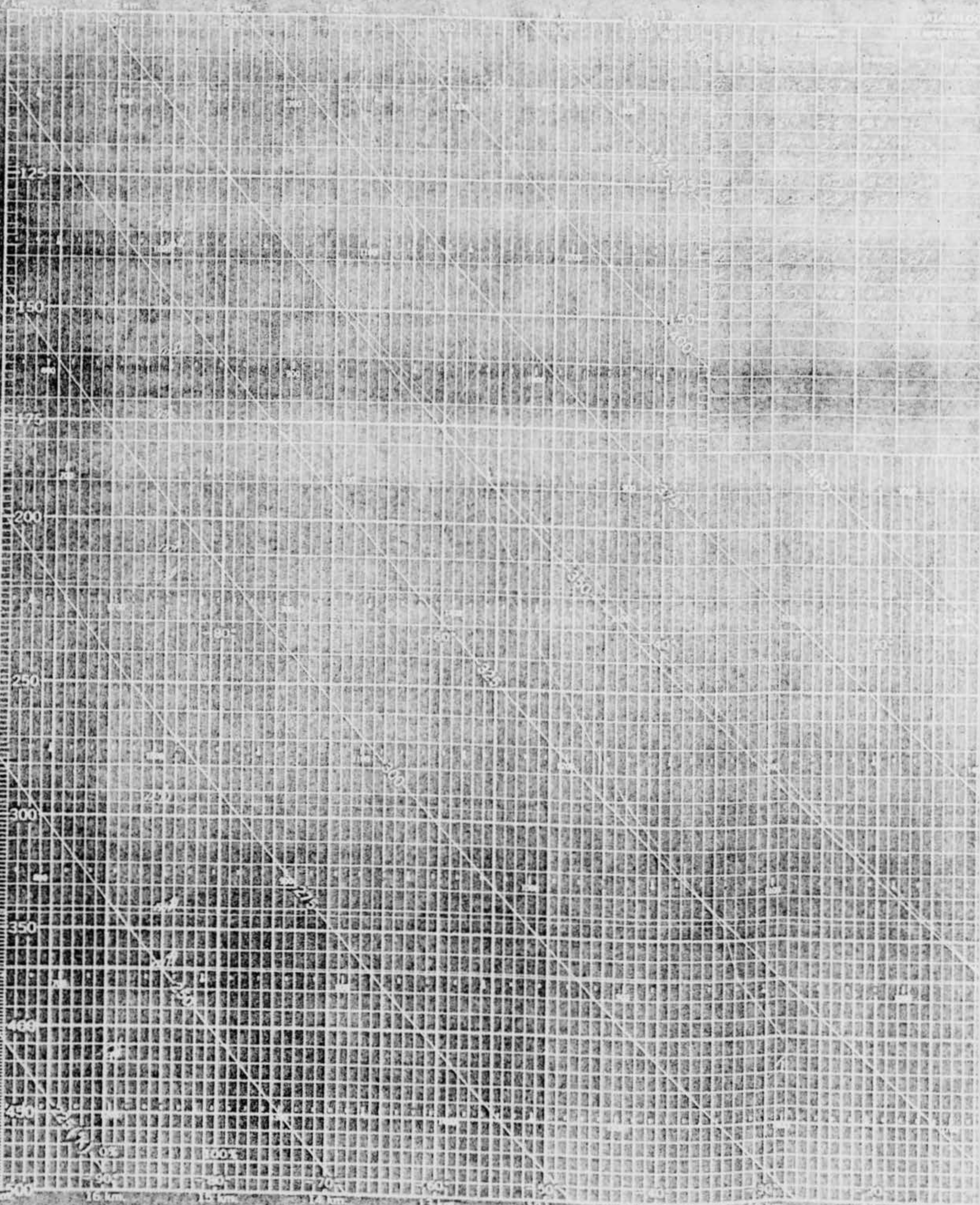
Received by: _____

DATE AND RELEASE TIME

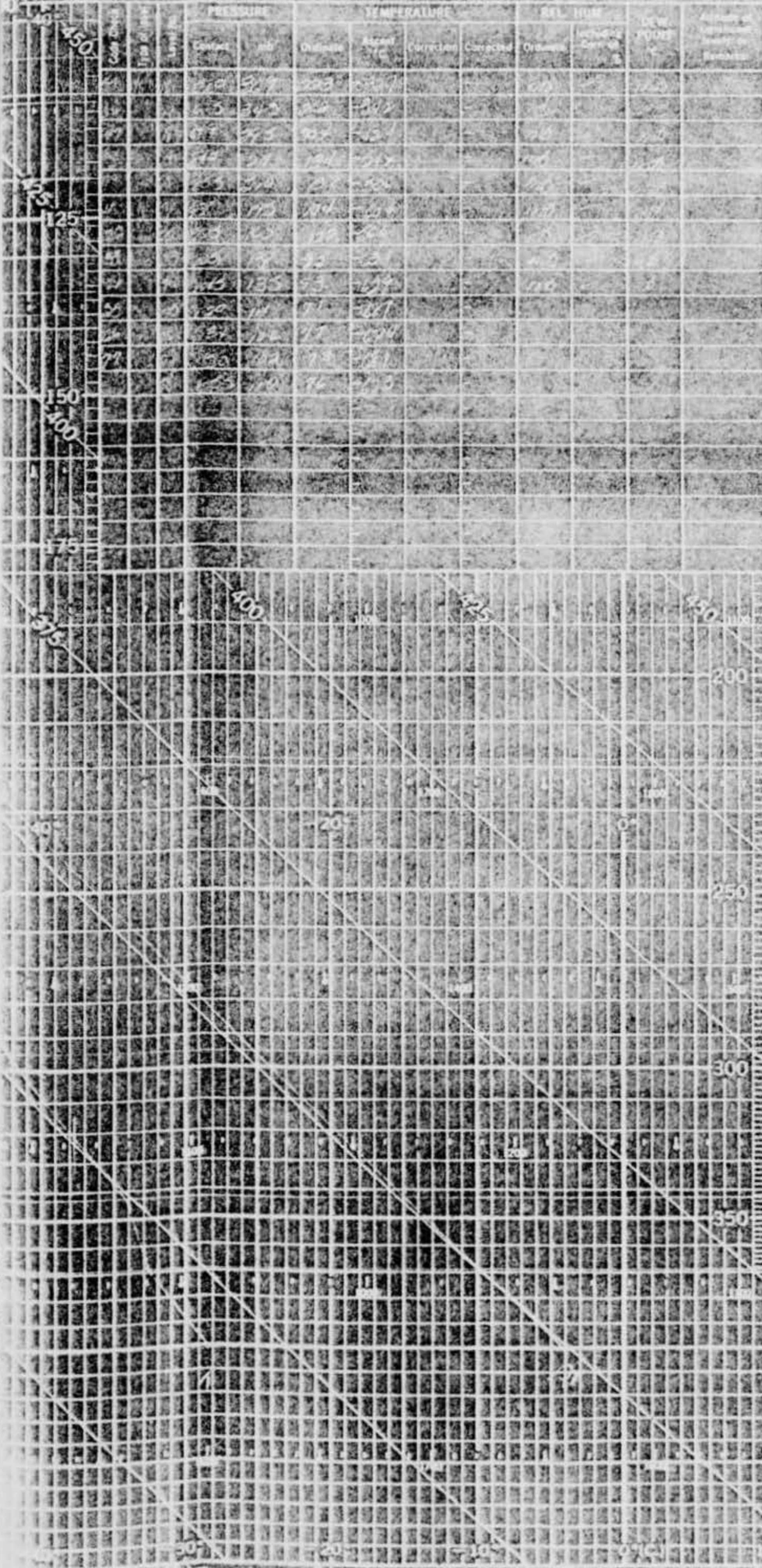
Month	Day	Hour	Minute

ALPHANUMERIC POSITION
 (LATIN ALPH)

30-29N 86-31W



DATA BLOCK 8



Constant Pressure Blocks

1000	1000	1000
900	900	900
800	800	800
700	700	700
600	600	600
500	500	500
400	400	400
300	300	300
200	200	200
150	150	150
100	100	100

ADIABATIC CHART
WBAN-318

DATE: 10/15/50
 SPEC. NO. 118-1000-10-10-10
 A.P. NO. 118-1000-10-10-10
 RELEASED: QUANT. NO. 120/UM 1 AUG 1951

PLOTTED CARD No. 1

1	1000	1000	1000
2	900	900	900
3	800	800	800
4	700	700	700
5	600	600	600
6	500	500	500
7	400	400	400
8	300	300	300
9	200	200	200
10	150	150	150
11	100	100	100

PLOTTED CARD No. 2

1	1000	1000	1000
2	900	900	900
3	800	800	800
4	700	700	700
5	600	600	600
6	500	500	500
7	400	400	400
8	300	300	300
9	200	200	200
10	150	150	150
11	100	100	100

LEGEND FOR CONSTANT PRESSURE BLOCKS

TYPE OF CONSTANT	TYPE OF CURVE
TEMPERATURE	TEMPERATURE
REL. HUM.	REL. HUM.
WET BULB	WET BULB
WIND	WIND

LEGEND FOR PLOTTED CURVES

1000
 900
 800
 700
 600
 500
 400
 300
 200
 150
 100

DATE AND RELEASE TIME

10/15/50	1000	1000	1000
900	900	900	900
800	800	800	800
700	700	700	700
600	600	600	600
500	500	500	500
400	400	400	400
300	300	300	300
200	200	200	200
150	150	150	150
100	100	100	100

MIAMI, FLORIDA
 MIAMI AREA
 30° 29' N 86° 31' W

45 Beal

HEADQUARTERS
TYNDALL AIR FORCE BASE
and
4756th AIR BASE GROUP (ADC)
UNITED STATES AIR FORCE
TYNDALL AIR FORCE BASE, FLORIDA

3 JAN 1962

REPLY TO
ATTN OF:

ABDO

SUBJECT:

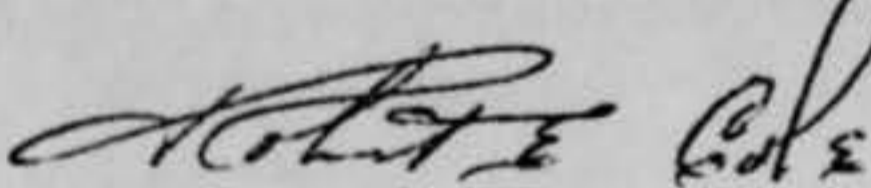
Report on Unidentified Flying Object (UFO)

TO:

Aerospace Technical Intelligence Center (AFCIN) 4E2X
Wright-Patterson AFB, Ohio

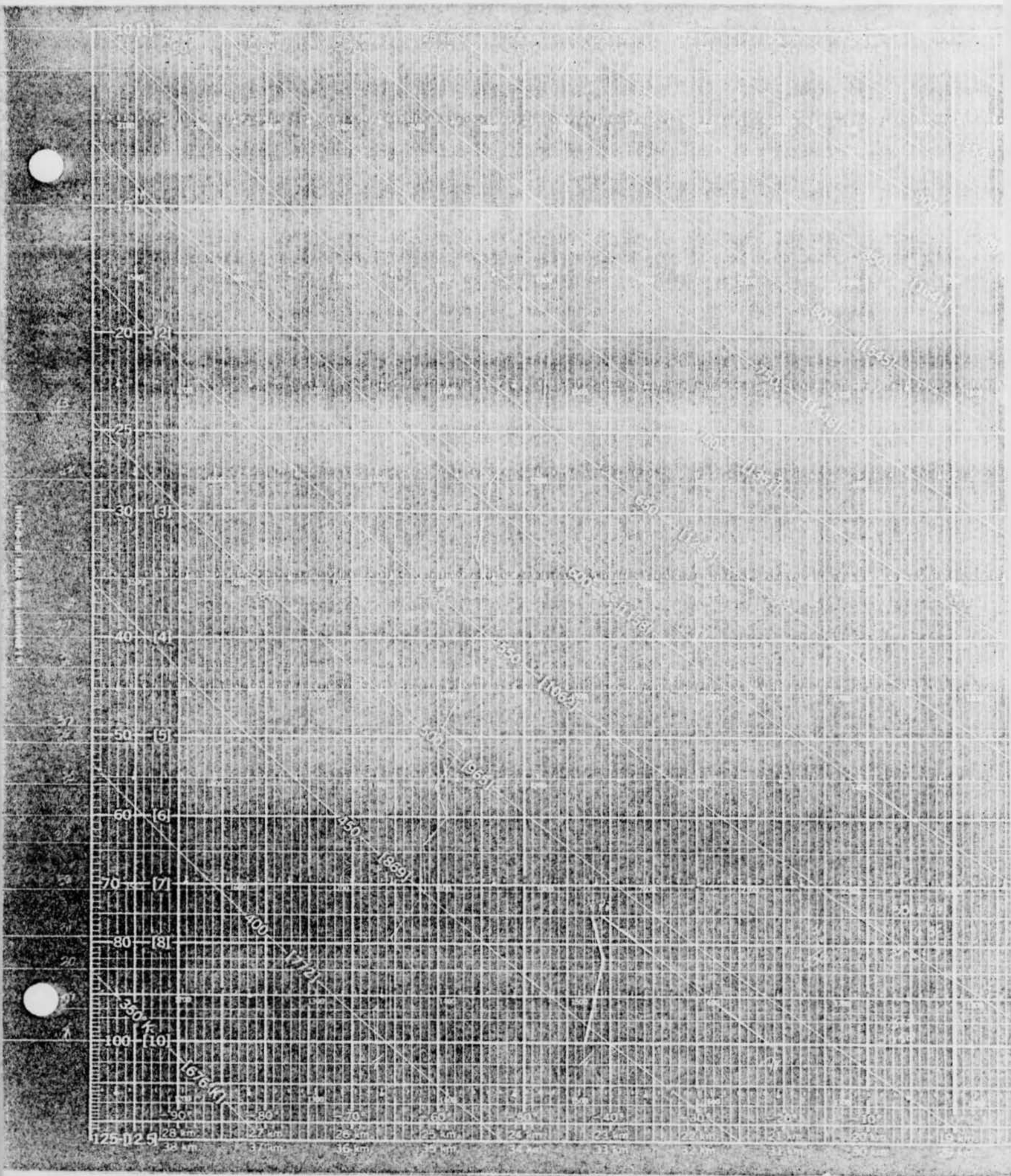
In accordance with AFR 200-2, paragraph 15, dated 14 September 1959, the attached Flying Object Report and sketch are submitted.

FOR THE COMMANDER:



ROBERT E. COLE
Captain, USAF
Base Administrative Officer

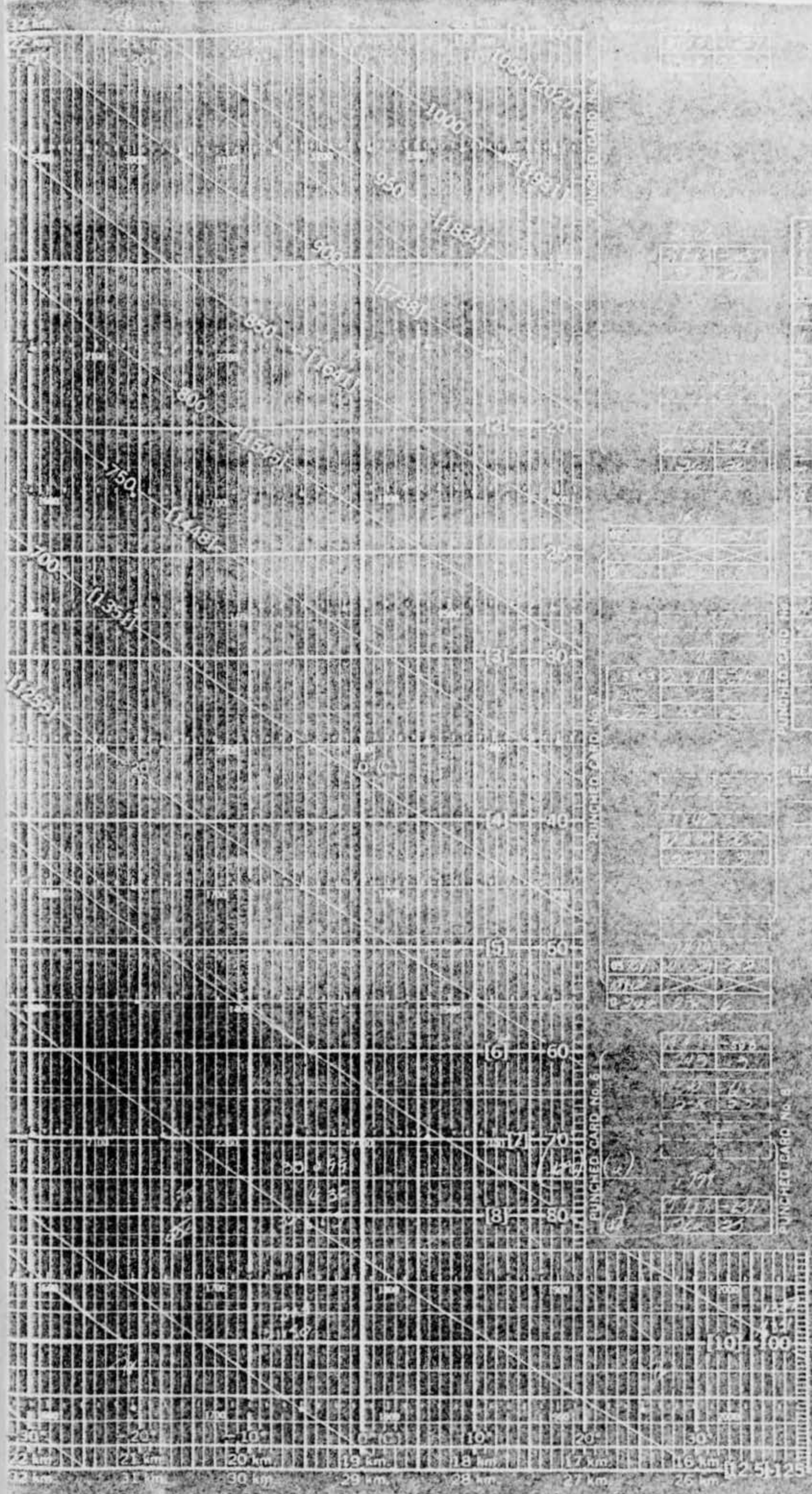
2 Atch
a/s



ADIABATIC CHART

WEAK-31C

CHART NO. 477/UM
 50 I. STOCK NO. 74307-222
 A. P. STOCK NO. 31C 2800-76 (1:634-477)
 SUPERSEDES CHART NO. 477/UM, 7 JAN 50



PUNCHED CARD NO. 10.6

PUNCHED CARD NO. 10.6

PUNCHED CARD NO. 10.6

PUNCHED CARD NO. 10.6

PUNCHED CARD NO. 10.6

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PUNCHED CARD NO. 10.6

PUNCHED CARD NO. 10.6

PUNCHED CARD NO. 10.6

TIME	PRESSURE		TEMPERATURE		WIND	HUMIDITY
	hPa	mm	TEMP	DWPT		

REMARKS

LEGEND FOR CONSTANT HEADING GLOSS

DATA AS TRANSMITTED	WIND ALLYWAYS IN APPROX. CO.
DBT	WINDY, LEAST
WAVES	WINDY, LEAST
DIRTY	WINDY, LEAST

LEGEND FOR PLOTTED CURVES

PT - Pressure, Altitude, Humidity, etc.
 T - Temperature, etc.

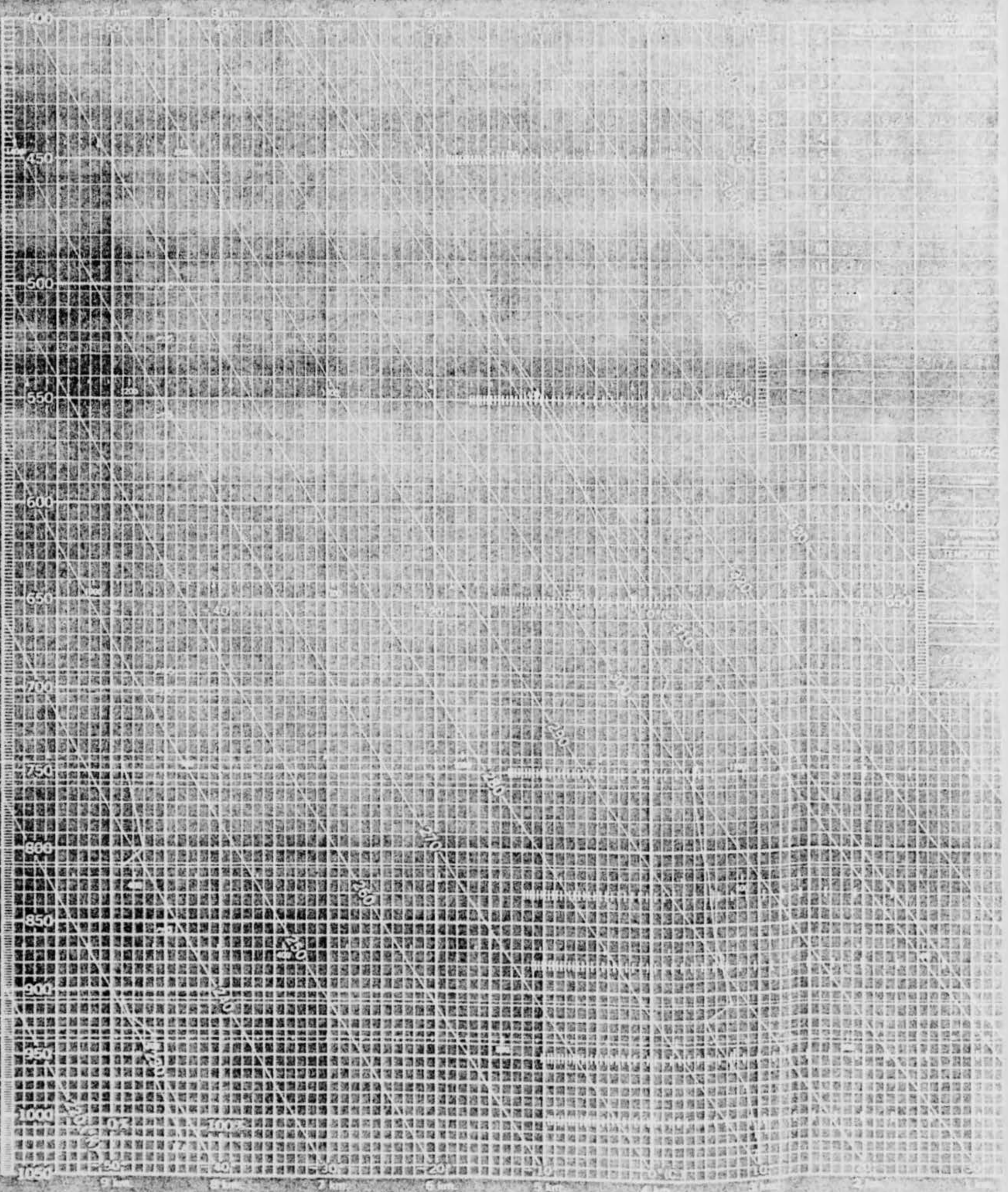
Observed by: _____
 Validated by: _____
 Directed by: _____

DATE AND RELEASE TIME

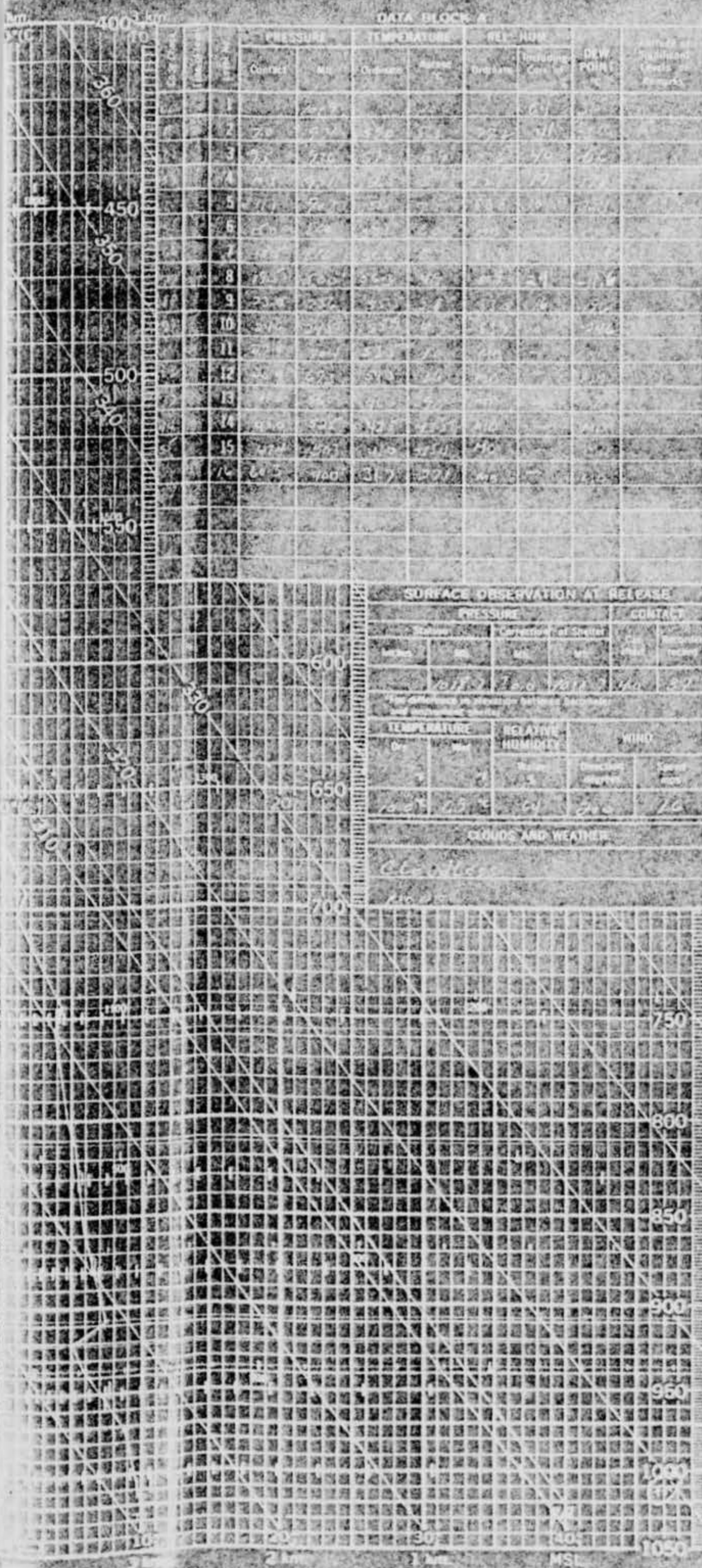
DATE	TIME	WIND	TEMP	WAVES	DIRTY
22	00	15	15.0	2	0

VALSUBRISO FLORIDA
 (EGDN AFB)
30 29'N 86 31'W

22 km 23 km 24 km 25 km 26 km 27 km 28 km 29 km 30 km 31 km 32 km



100
150
200
250
300
350
400
450
500
550
600
650
700
750
800
850
900



DATA BLOCK A

PRESSURE	TEMPERATURE		REL. HUM.		DEW POINT	WIND	WIND DIR	WIND SPEED	WIND DIR. VAR.	WIND SPEED VAR.	WIND DIR. CHG.	WIND SPEED CHG.	WIND DIR. CHG. VAR.	WIND SPEED CHG. VAR.
	CENTIGRADE	FARENHEIT	PERCENT	PERCENT										
1000	22.0	72.0	70	70	15.0	0	0	0	0	0	0	0	0	0
950	22.0	72.0	70	70	15.0	0	0	0	0	0	0	0	0	0
900	22.0	72.0	70	70	15.0	0	0	0	0	0	0	0	0	0
850	22.0	72.0	70	70	15.0	0	0	0	0	0	0	0	0	0
800	22.0	72.0	70	70	15.0	0	0	0	0	0	0	0	0	0
750	22.0	72.0	70	70	15.0	0	0	0	0	0	0	0	0	0
700	22.0	72.0	70	70	15.0	0	0	0	0	0	0	0	0	0
650	22.0	72.0	70	70	15.0	0	0	0	0	0	0	0	0	0
600	22.0	72.0	70	70	15.0	0	0	0	0	0	0	0	0	0
550	22.0	72.0	70	70	15.0	0	0	0	0	0	0	0	0	0
500	22.0	72.0	70	70	15.0	0	0	0	0	0	0	0	0	0
450	22.0	72.0	70	70	15.0	0	0	0	0	0	0	0	0	0
400	22.0	72.0	70	70	15.0	0	0	0	0	0	0	0	0	0

SURFACE OBSERVATION AT RELEASE

PRESSURE	1011.5	COMPARISON	
TEMPERATURE	22.0	RELATIVE HUMIDITY	70
WIND	0		
CLOUDS AND WEATHER	clear		

ADIABATIC CHART
WBAN-31A

CHART NO. 12/AM
 SO. C. STOCK NO. 74307-423
 AF. STOCK NO. 31A 3400-70 P-74-310
 SUPERSEDES CHART NO. 423/AM, 1 NOV 53

BASELINE CHECK BLEND

DATE	TIME	REMARKS

CODED MESSAGE FOR TRANSMISSION

TO	FROM	INFO

REMARKS

Remarks section for additional observations or notes.

LEGEND FOR CONSTANT PRESSURE BECKS

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD
TEMP	TEMP (C) / TEMP (F)
REL. HUM.	REL. HUM. (%)
WIND	WIND DIR. / WIND SPEED

LEGEND FOR PLOTTED CURVES

Instructions for plotting curves on the chart, including symbols for temperature, humidity, and wind.

DATE AND RELEASE TIME

DATE	TIME	RELEASE TIME
1961 DEC 23	0800	0800
1961 DEC 23	0800	0800

30° 29' N 86° 31' W

CONSTANT PRESSURE BECKS

PUNCHED CARD NO. 1

PUNCHED CARD NO. 2

PUNCHED CARD NO. 3

PUNCHED CARD NO. 4

PUNCHED CARD NO. 5

PUNCHED CARD NO. 6

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PUNCHED CARD NO. 29

PUNCHED CARD NO. 30

PUNCHED CARD NO. 31

PUNCHED CARD NO. 32

PUNCHED CARD NO. 33

PUNCHED CARD NO. 34

PUNCHED CARD NO. 35

PUNCHED CARD NO. 36

PUNCHED CARD NO. 37

PUNCHED CARD NO. 38

PUNCHED CARD NO. 39

PUNCHED CARD NO. 40

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PUNCHED CARD NO. 94

PUNCHED CARD NO. 95

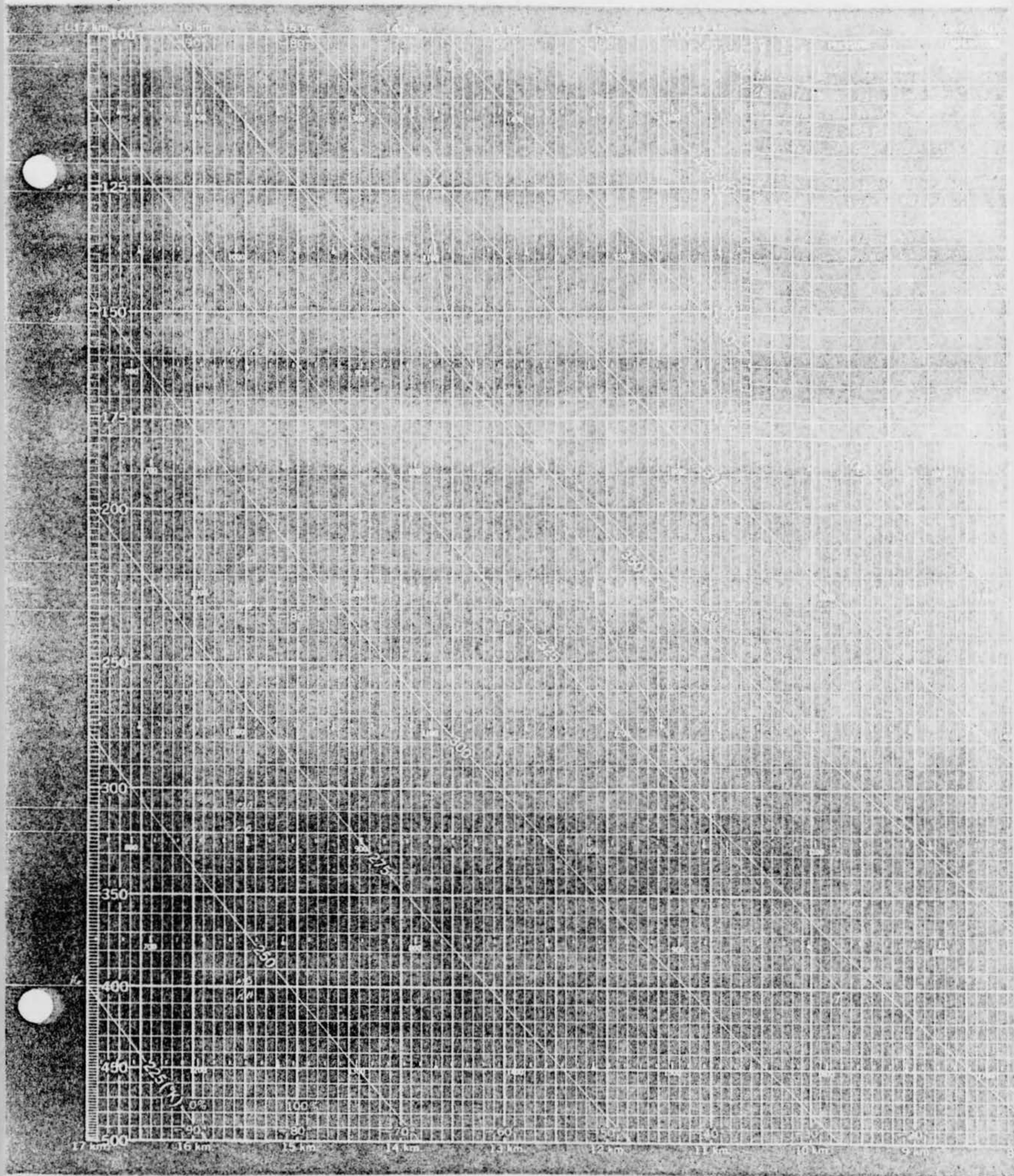
PUNCHED CARD NO. 96

PUNCHED CARD NO. 97

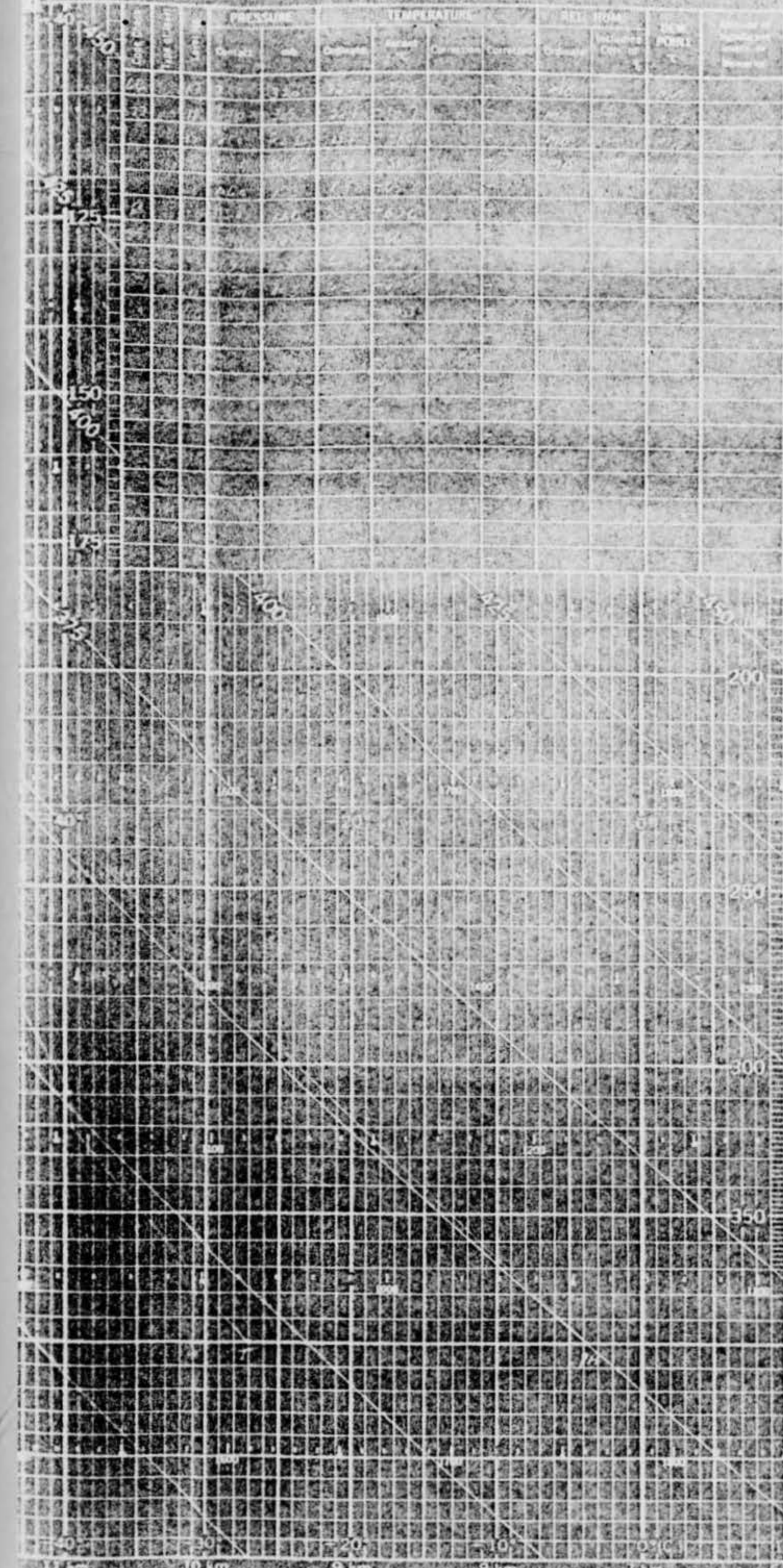
PUNCHED CARD NO. 98

PUNCHED CARD NO. 99

PUNCHED CARD NO. 100



DATA BLOCK B



ADIABATIC CHART

(WEAK-111)

CHART NO. 171-101
 SIG. C. STOCK NO. 74007-101
 A. E. STOCK NO. 116 3800-101-145-311
 SUPERSEDES CHART NO. 426 (USA) 1 AUG 1951

CONSTANT PRESSURE BLOCKS	
Pressure	Temperature

CODED MESSAGE FOR TRANSMISSION	

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCH CARD
CONF	
TEMP	

LEGEND FOR PLOTTED CURVES

PA: Pressure (hPa) P: Pressure (mmHg)

TC: Temperature (C) TF: Temperature (F)

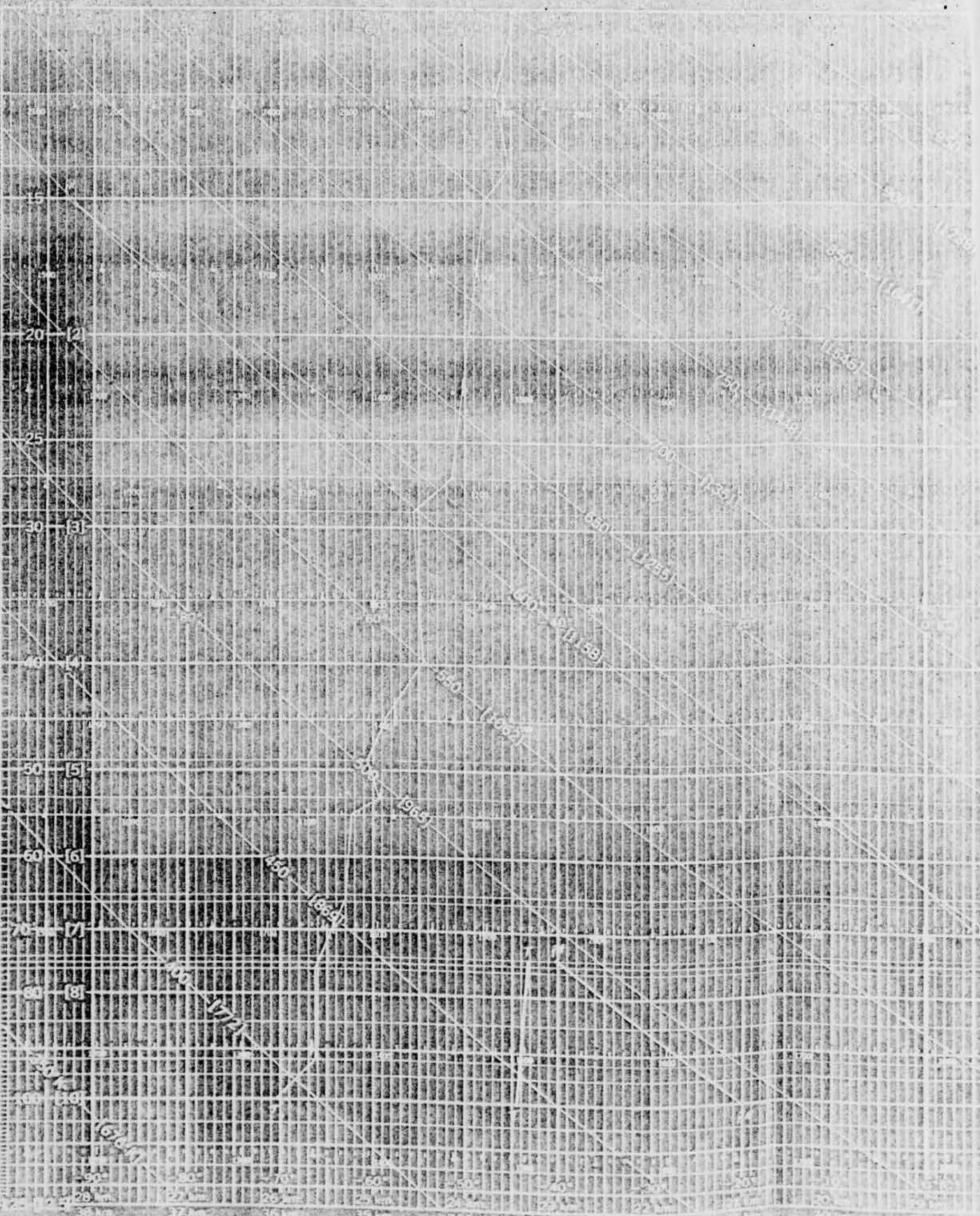
RH: Relative Humidity (%) W: Mixing Ratio (g/kg)

DATE AND RELEASE TIME

Year	Month	Day	Time
1961	DEC	2	1525
1961	DEC	2	0525

MOLENAISSE, FLORIDA
 (DCLN AFB)

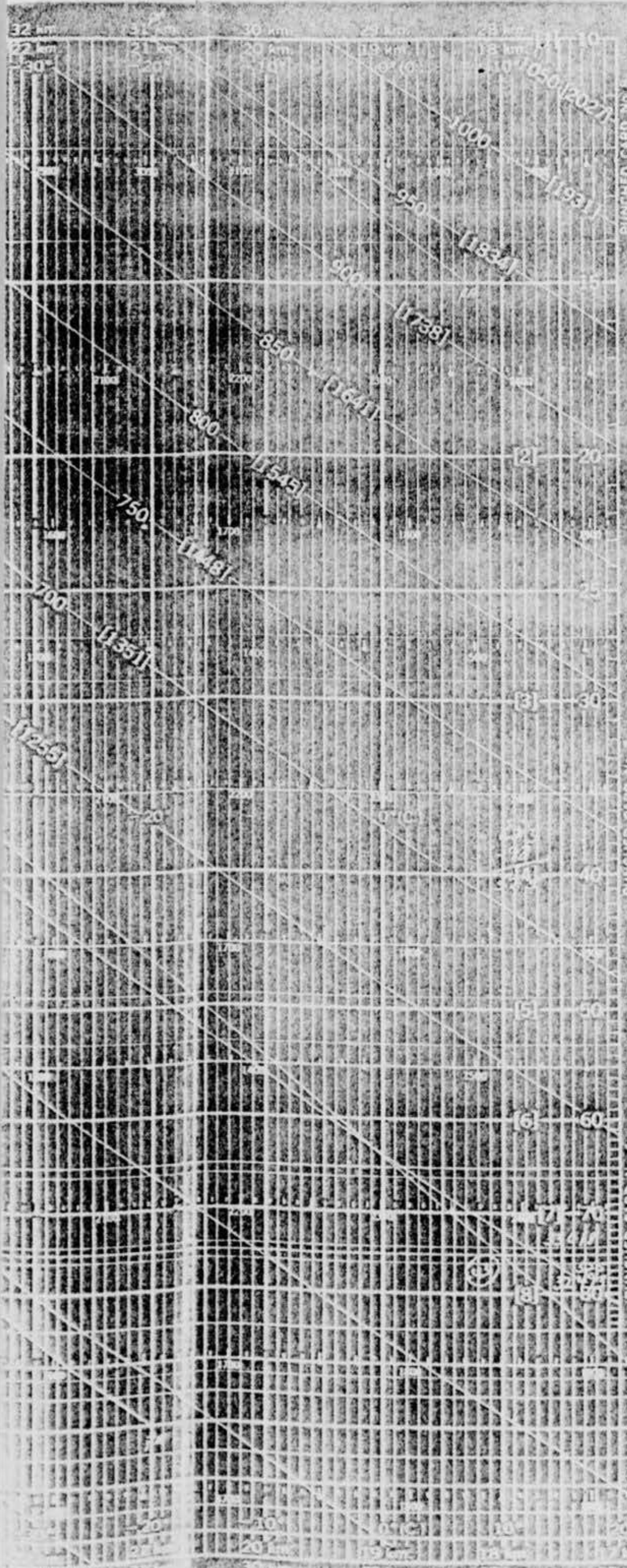
30° 29' N 88° 31' W



ADIABATIC CHART

WBAN-174

CHART NO. 427/0M
 SO C. STOCK NO. 74501-427
 A. P. STOCK NO. 310 2400 701-434-330
 SUPERSEDES CHART NO. 427/0M, 1 JAN 50



PUNCHED CARD NO. 1
 PUNCHED CARD NO. 2
 PUNCHED CARD NO. 3
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 PUNCHED CARD NO. 99
 PUNCHED CARD NO. 100

DATA BLOCK

PUNCHED CARD NO.	PRESSURE		TEMPERATURE		ENTHALPY (BTU/LB)
	Bar	PSIA	Bar	°C	
1	1.0	14.7	1.0	15.6	
2	1.1	15.8	1.1	16.7	
3	1.2	17.2	1.2	17.8	
4	1.3	18.8	1.3	18.9	
5	1.4	20.7	1.4	20.0	
6	1.5	22.8	1.5	21.1	
7	1.6	25.2	1.6	22.2	
8	1.7	27.8	1.7	23.3	
9	1.8	30.7	1.8	24.4	
10	1.9	33.9	1.9	25.5	
11	2.0	37.4	2.0	26.6	
12	2.2	43.5	2.2	28.8	
13	2.4	50.0	2.4	31.0	
14	2.6	57.0	2.6	33.2	
15	2.8	64.5	2.8	35.4	
16	3.0	72.5	3.0	37.6	
17	3.2	81.0	3.2	39.8	
18	3.4	90.0	3.4	42.0	
19	3.6	99.5	3.6	44.2	
20	3.8	109.5	3.8	46.4	
21	4.0	120.0	4.0	48.6	
22	4.2	131.0	4.2	50.8	
23	4.4	142.5	4.4	53.0	
24	4.6	154.5	4.6	55.2	
25	4.8	167.0	4.8	57.4	
26	5.0	180.0	5.0	59.6	
27	5.2	193.5	5.2	61.8	
28	5.4	207.5	5.4	64.0	
29	5.6	222.0	5.6	66.2	
30	5.8	237.0	5.8	68.4	
31	6.0	252.5	6.0	70.6	
32	6.2	268.5	6.2	72.8	
33	6.4	285.0	6.4	75.0	
34	6.6	302.0	6.6	77.2	
35	6.8	319.5	6.8	79.4	
36	7.0	337.5	7.0	81.6	
37	7.2	356.0	7.2	83.8	
38	7.4	375.0	7.4	86.0	
39	7.6	394.5	7.6	88.2	
40	7.8	414.5	7.8	90.4	
41	8.0	435.0	8.0	92.6	
42	8.2	456.0	8.2	94.8	
43	8.4	477.5	8.4	97.0	
44	8.6	499.5	8.6	99.2	
45	8.8	522.0	8.8	101.4	
46	9.0	545.0	9.0	103.6	
47	9.2	568.5	9.2	105.8	
48	9.4	592.5	9.4	108.0	
49	9.6	617.0	9.6	110.2	
50	9.8	642.0	9.8	112.4	
51	10.0	667.5	10.0	114.6	
52	10.2	693.5	10.2	116.8	
53	10.4	720.0	10.4	119.0	
54	10.6	747.0	10.6	121.2	
55	10.8	774.5	10.8	123.4	
56	11.0	802.5	11.0	125.6	
57	11.2	831.0	11.2	127.8	
58	11.4	860.0	11.4	130.0	
59	11.6	889.5	11.6	132.2	
60	11.8	919.5	11.8	134.4	
61	12.0	950.0	12.0	136.6	
62	12.2	981.0	12.2	138.8	
63	12.4	1012.5	12.4	141.0	
64	12.6	1044.5	12.6	143.2	
65	12.8	1077.0	12.8	145.4	
66	13.0	1110.0	13.0	147.6	
67	13.2	1143.5	13.2	149.8	
68	13.4	1177.5	13.4	152.0	
69	13.6	1212.0	13.6	154.2	
70	13.8	1247.0	13.8	156.4	
71	14.0	1282.5	14.0	158.6	
72	14.2	1318.5	14.2	160.8	
73	14.4	1355.0	14.4	163.0	
74	14.6	1392.0	14.6	165.2	
75	14.8	1429.5	14.8	167.4	
76	15.0	1467.5	15.0	169.6	
77	15.2	1506.0	15.2	171.8	
78	15.4	1545.0	15.4	174.0	
79	15.6	1584.5	15.6	176.2	
80	15.8	1624.5	15.8	178.4	
81	16.0	1665.0	16.0	180.6	
82	16.2	1706.0	16.2	182.8	
83	16.4	1747.5	16.4	185.0	
84	16.6	1789.5	16.6	187.2	
85	16.8	1832.0	16.8	189.4	
86	17.0	1875.0	17.0	191.6	
87	17.2	1918.5	17.2	193.8	
88	17.4	1962.5	17.4	196.0	
89	17.6	2007.0	17.6	198.2	
90	17.8	2052.0	17.8	200.4	
91	18.0	2097.5	18.0	202.6	
92	18.2	2143.5	18.2	204.8	
93	18.4	2190.0	18.4	207.0	
94	18.6	2237.0	18.6	209.2	
95	18.8	2284.5	18.8	211.4	
96	19.0	2332.5	19.0	213.6	
97	19.2	2381.0	19.2	215.8	
98	19.4	2430.0	19.4	218.0	
99	19.6	2479.5	19.6	220.2	
100	19.8	2529.5	19.8	222.4	

REMARKS

LEGEND FOR CONTACT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD
ORIG.	ANNO. (BAR) TEMPERATURE (°C)
DATE (G)	DATE (G) TIME (G) PRESS. (BAR)
ORIG.	ORIG. (BAR) DATE (G) TIME (G)

LEGEND FOR PLOTTED CURVES

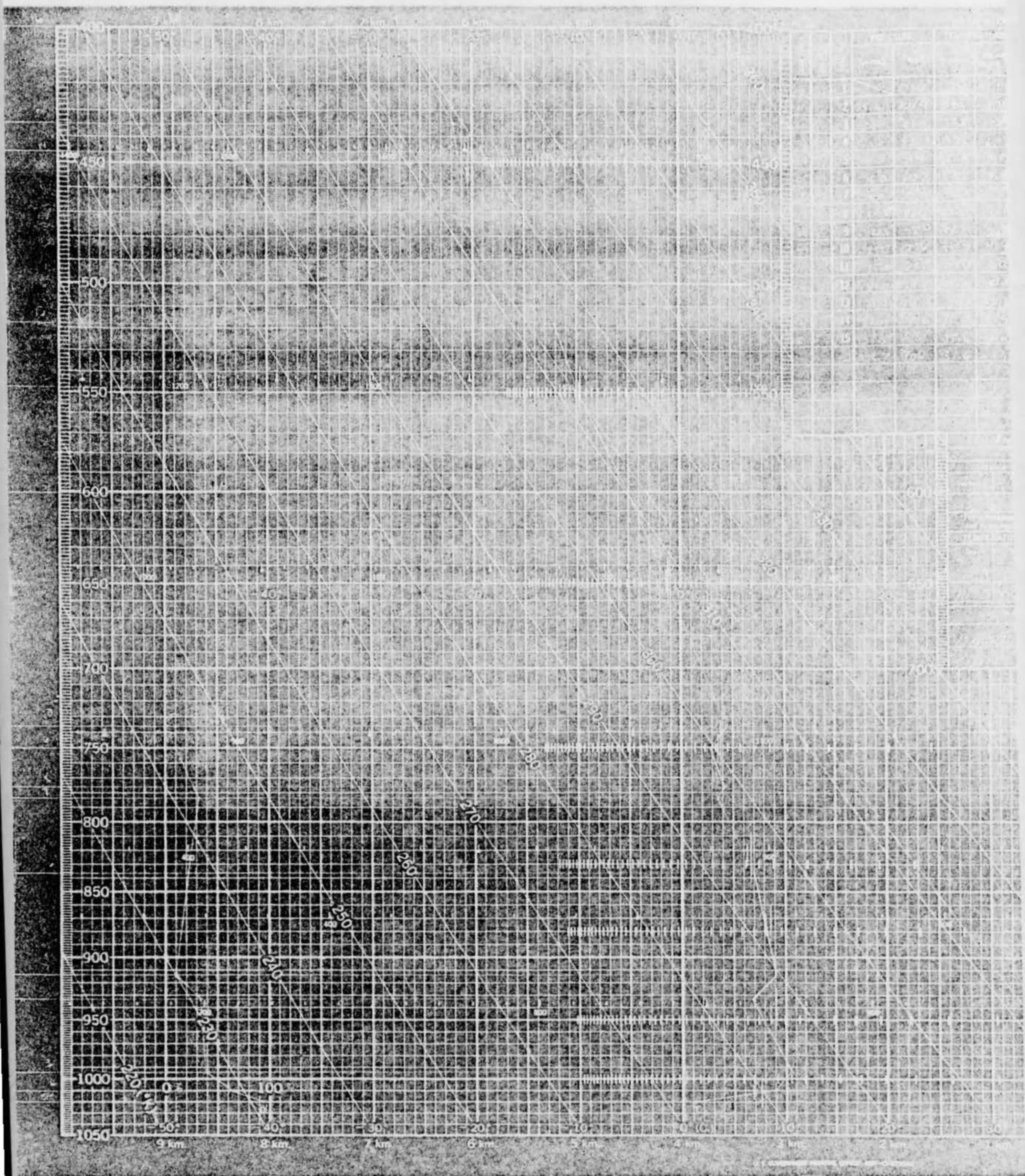
P. Pressure (Bar) T. Temperature (°C)
 H. Enthalpy (BTU/LB)
 S. Entropy (BTU/LB-°R)

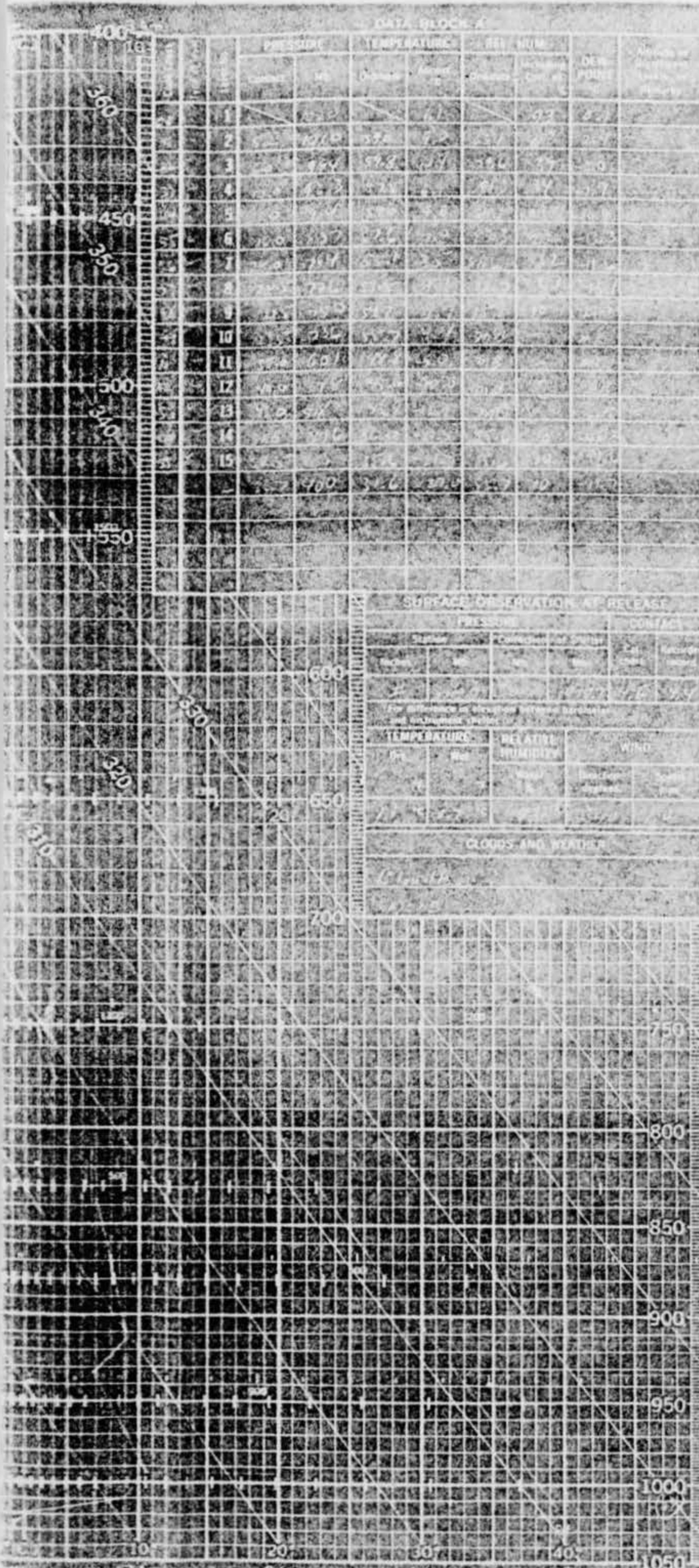
made B.P. Riley 5/5/51
 made E.H. Chertier 11/5/51

DATE AND RELEASE TIME

DATE	TIME	REMARKS
1951 DEC 21	1300	
1951 DEC 21	1300	

30-29N
 116-11W





CONSTANT PRESSURE BLOCKS	
Pressure	Temperature
1000	22.5
950	21.5
900	20.5
850	19.5
800	18.5
750	17.5
700	16.5
650	15.5
600	14.5
550	13.5
500	12.5
450	11.5
400	10.5
350	9.5
300	8.5
250	7.5
200	6.5
150	5.5
100	4.5

PUNCHED CARD	
Pressure	Temperature
1000	22.5
950	21.5
900	20.5
850	19.5
800	18.5
750	17.5
700	16.5
650	15.5
600	14.5
550	13.5
500	12.5
450	11.5
400	10.5
350	9.5
300	8.5
250	7.5
200	6.5
150	5.5
100	4.5

ADIABATIC CHART

WBAN-31A

CHART NO. 123/UM
 DO C STOCK NO. 74507-423
 AS STOCK NO. 31A 100-701-43A-814
 SUPERSEDES CHART NO. 123/UM, 1 NOV 55

BASELINE FOR READINGS

Time	Temperature		
	Obs	Cor	Red
0000			
0100			
0200			
0300			
0400			
0500			
0600			
0700			
0800			
0900			
1000			
1100			
1200			
1300			
1400			
1500			
1600			
1700			
1800			
1900			
2000			
2100			
2200			
2300			

CODED MESSAGE FOR TRANSMISSION

0000 22.5 21.5 85 10
 0100 21.5 21.5 80 10
 0200 20.5 20.5 75 10
 0300 19.5 19.5 70 10
 0400 18.5 18.5 65 10
 0500 17.5 17.5 60 10
 0600 16.5 16.5 55 10
 0700 15.5 15.5 50 10
 0800 14.5 14.5 45 10
 0900 13.5 13.5 40 10
 1000 12.5 12.5 35 10
 1100 11.5 11.5 30 10
 1200 10.5 10.5 25 10
 1300 9.5 9.5 20 10
 1400 8.5 8.5 15 10
 1500 7.5 7.5 10 10
 1600 6.5 6.5 5 10
 1700 5.5 5.5 0 10
 1800 4.5 4.5 0 10
 1900 4.5 4.5 0 10
 2000 4.5 4.5 0 10
 2100 4.5 4.5 0 10
 2200 4.5 4.5 0 10
 2300 4.5 4.5 0 10

REMARKS

0000 1000 1000 1000 1000 1000

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD	
Obs	Atmos Level	Temperature (C)
Cor	Level (Pressure)	Temp (F)
Red	Direction (true)	Wind (Knot)

LEGEND FOR PLOTTED CURVES

— Temperature (F)
 — Relative Humidity (%)
 — Dew Point (F)
 — Wind (Knot)

Drawn by: R. M. [Signature]
 Verified by: R. M. [Signature]
 Inspected by:

DATE AND RELEASE TIME

Year	Month	Day	Time
1961	DEC	23	0000
1961	DEC	23	0000

Exchange No. 7077 Release No. 1000

MILWAUKEE, WISCONSIN
 EGEM & SBA

30° 29' N 86° 31' W

14 Approved by the Civil Aeronautics Administration, Washington, D.C. 1955

Report on Unidentified Flying Object

1. Description of the object:

- a. Shape - Elliptical with a radiant appearance.
- b. Size - Softball (cover up with my thumb).
- c. Color - Similar to a star and very radiant.
- d. Number - 1
- e. Formation - 1
- f. Discernible feature: Appeared a solid object, stable in flight and seemed to be pulling toward the north.
- g. Tail or Trail - None, but had a radiant reflection effect.
- h. Unusual Features - It seemed to be traveling in a fixed course and pulling toward a northerly angle.

2. Description of Course of Object:

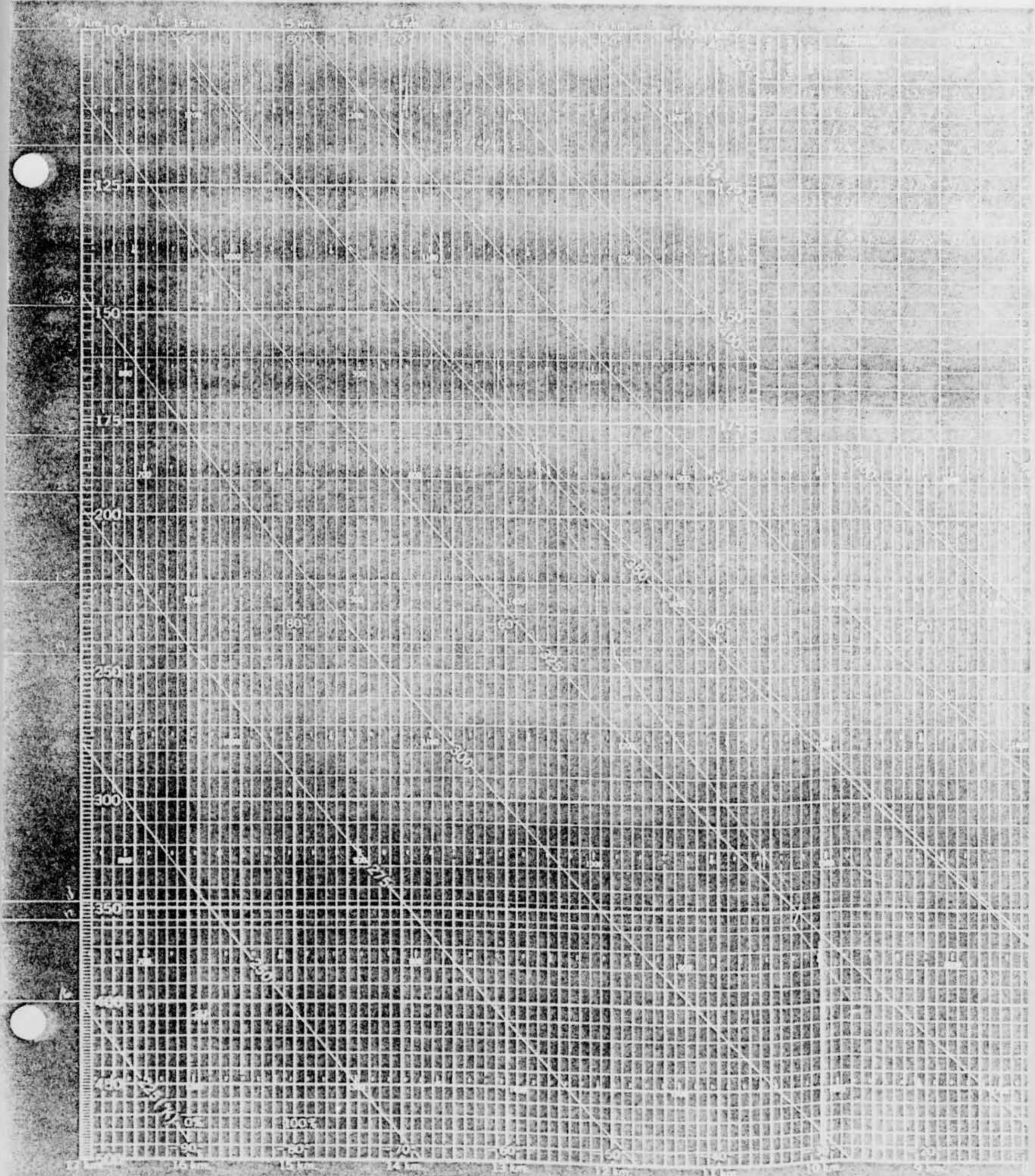
a. When I (MSgt [REDACTED]) first noticed the UFO at 0545 hours, 21 December 1961, Capehart Housing area, Tyndall AFB, Florida, the object seemed to be traveling from Northwest (315 degrees) to Northeast (25 degrees). I observed the object for five minutes, to assure myself that it was not an aircraft.

I called the Base Weather Station at 0555 hours and talked with Lt William Poe. I asked him to have the tower observer look in the Northeast for an UFO.

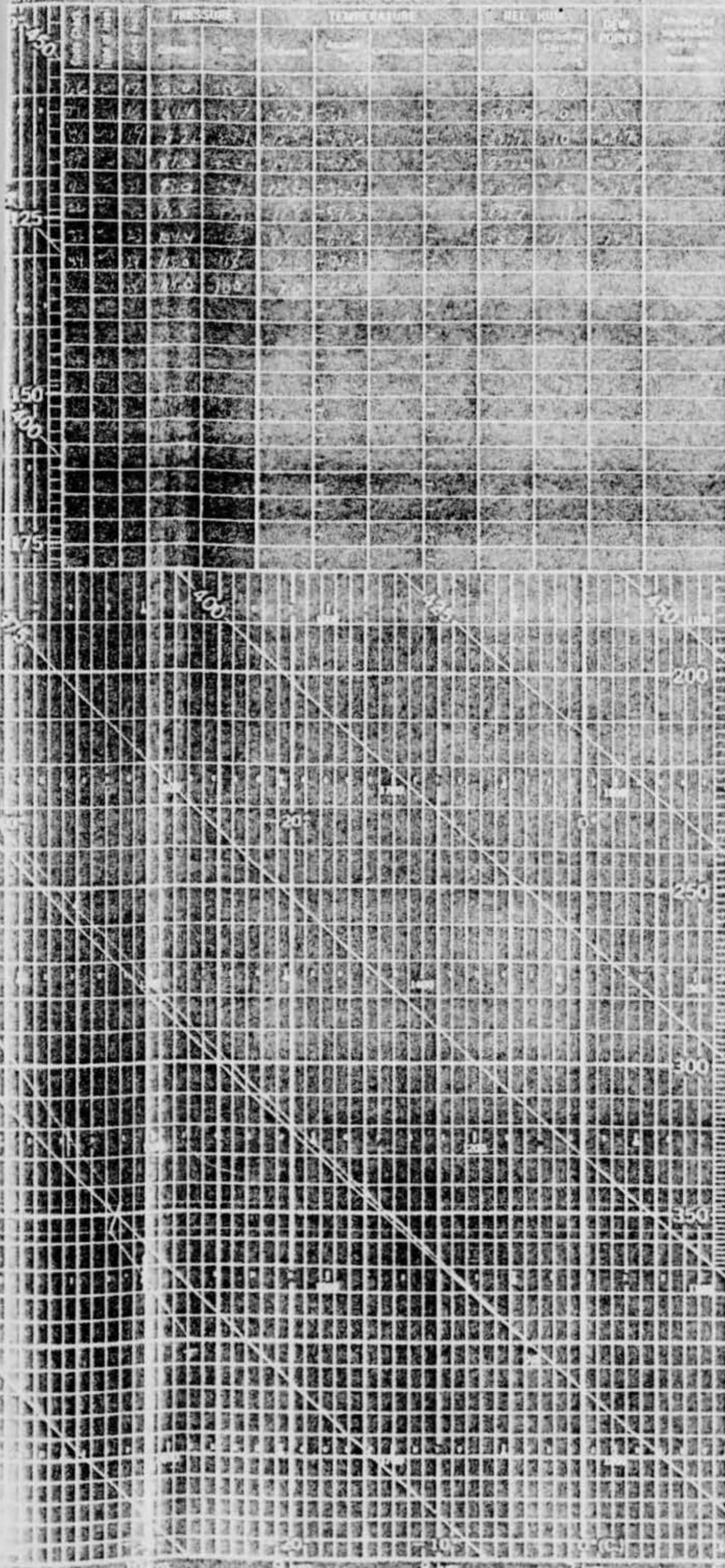
I called back to Lt. William Poe and he said A2G [REDACTED] had seen a bright object in the Northeast and it could have been a bright star.

When I reported to work at 0730 hours I called MSgt Virgil E. Miracle (Office of the Director of Operations) and found that he was off for the day. I went over to the Office of Information and reported the UFO to Mr. Hank Basham.

at 11



DATA BLOCK B



ADIABATIC CHART

CHART NO. 318
NO. 1 STOCK NO. 7497-124
SUPERSEDES CHART NO. 318, 1 AND 123

PUNCHED CARD NO. 1

1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9
10	10	10	10	10	10
11	11	11	11	11	11
12	12	12	12	12	12
13	13	13	13	13	13
14	14	14	14	14	14
15	15	15	15	15	15
16	16	16	16	16	16
17	17	17	17	17	17
18	18	18	18	18	18
19	19	19	19	19	19
20	20	20	20	20	20

CODED MESSAGE FOR TRANSMISSION

01	01	01	01	01
02	02	02	02	02
03	03	03	03	03
04	04	04	04	04
05	05	05	05	05
06	06	06	06	06
07	07	07	07	07
08	08	08	08	08
09	09	09	09	09
10	10	10	10	10
11	11	11	11	11
12	12	12	12	12
13	13	13	13	13
14	14	14	14	14
15	15	15	15	15
16	16	16	16	16
17	17	17	17	17
18	18	18	18	18
19	19	19	19	19
20	20	20	20	20

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATE AS TRANSMITTED	DATE AS RECEIVED
01	01
02	02
03	03
04	04
05	05
06	06
07	07
08	08
09	09
10	10
11	11
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14	14
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16	16
17	17
18	18
19	19
20	20

LEGEND FOR PLOTTED CURVES

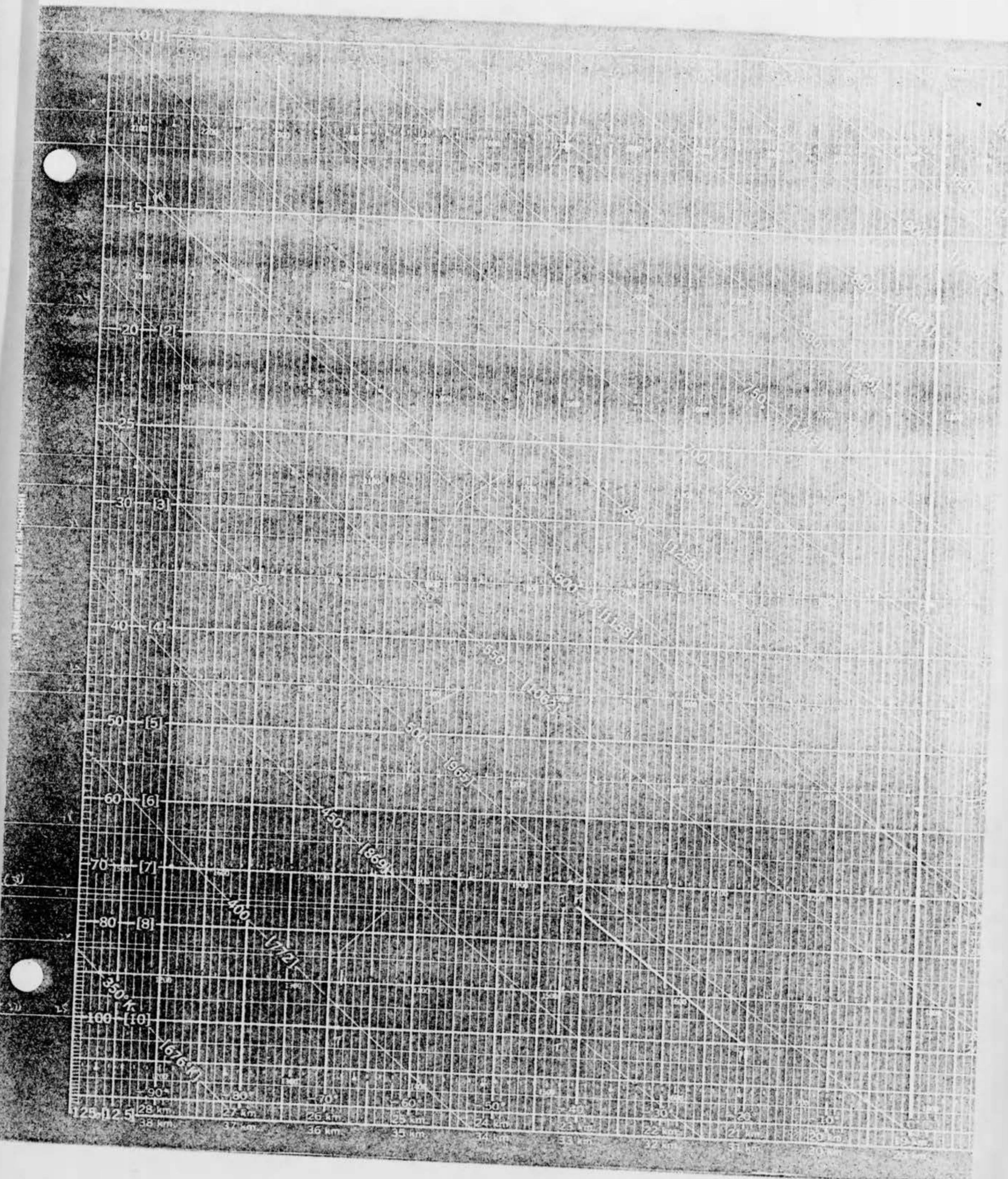
DATE AND RELEASE TIME

1951	DEC	22	1000
1951	DEC	22	1000

DATE AND RELEASE TIME

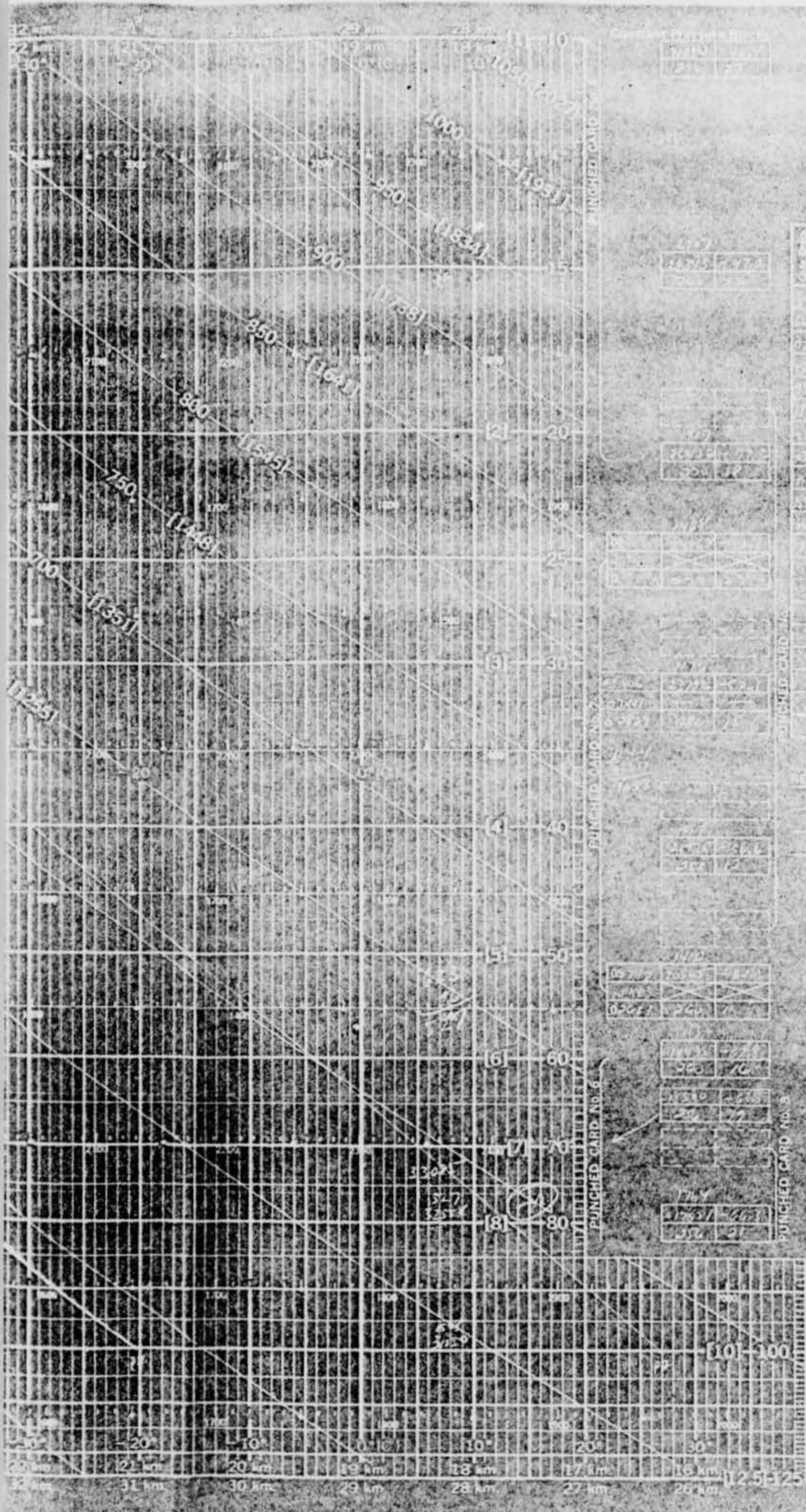
1951	DEC	22	1000
1951	DEC	22	1000

30° 29' N - 86° 31' W



ADIABATIC CHART
WBAN-312

FORM NO. 3000 (REV. 1-57)
 PREPARED BY /361-437
 A. F. 3000 (NO. 3) (3-56-79) 436-728
 SUPERSEDES CHART NO. 1327 (REV. 1 MAY 50)



DATA BEHIND

SIGHTING NO.	PRESSURE		TEMPERATURE		WIND SPEED (KTS)	WIND DIRECTION (DEG)
	Obs	Red	Wind	Surf		

REMARKS:

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AC TRANSFERRED		DATA AS EXTENDED ON PUNCHED CARD	
Wind	Direction	Temperature	Pressure
(Symbol)	(Symbol)	(Symbol)	(Symbol)
Code	Direction (True)	Temp (C)	Pressure (hPa)

LEGEND FOR PLOTTED CURVES
 P - Pressure (Actual or Reduced)
 T - Temperature (C)

Observed By: *E. M. ...*
 Validated By: *P. A. ...*
 Approved By: _____

DATE AND RELEASE TIME

Class	Time	Month	Day	Year
ZCZC	1961	DEC	27	01:25
CLASS	1961	DEC	27	12:30

RETRIALS
 ECEN 263

30° 29' N 86° 31' W

Approved for Release by NSA on 05-08-2014 pursuant to E.O. 13526

PUNCHED CARD NO. 6

10	70	1000
95	76	1000
1830	24	1000
20	72	1000
1830	74	1000
20	72	1000
1830	74	1000
20	72	1000
1830	74	1000
20	72	1000

PUNCHED CARD NO. 5

10	70	1000
95	76	1000
1830	24	1000
20	72	1000
1830	74	1000
20	72	1000
1830	74	1000
20	72	1000
1830	74	1000
20	72	1000

I did some research and checked all of the places where I thought they might have seen the UFO.

I told Mr. Hank Basham I would check further to see if the UFO was Echo. I figured out if the UFO was Echo it should return on or about 1715 hours, 21 December and 0510 hours, 22 December 1961. After my final evaluation of the UFO, I came to the conclusion, the UFO sighted was a new space vehicle of which I was unaware.

b. Angle or elevation and azimuth of the object: See attached sketch. Object seemed to be traveling on an azimuth of 315 degrees.

c. Angle and azimuth of object seemed to disappear - angle 35 degrees and azimuth 25 degrees.

d. Description of flight path and maneuvers of object: It was traveling as if it were on a fixed orbit and had a radiant effect around it. The height of the object was approximately 800 miles up and was traveling at a speed of approximately 18,000 miles per hour (basing this with my experience in observing echo and other space vehicles).

e. Manner in which object disappeared: Fading out; still with the radiant lighting effect.

f. Length of time object was visible: I observed it for 15 minutes and figured it first appeared at 0540 hours.

3. Method used in observation:

- a. Ground - Visual
- b. Optical aid - None
- c. Aircraft used - None

4. Time and Date of Sighting:

- a. Time: 0545 hours, date 21 December 1961.
- b. Light condition - Clear, cold, damp at daybreak and the moon was setting.

5. Location of Observer: See attached sketch. Capehart Housing, Tyndall AFB, Florida

6. Identifying information on observer:

a. Military - MSgt [REDACTED], Hq 73 Air Division, duty title, [REDACTED] NCO.

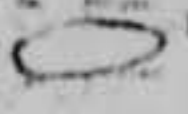
7. Weather and Wind: According to Base Weather Station, the weather was clear and visibility was 10 miles. A full moon was visible until 0600 hours.

8. Additional Remarks: From years of experience in observing UFO's, I was puzzled at the radiant effect of the object. Maybe this was due to the sun rising and the moon setting, for a radiant effect on the UFO. I've also made an evaluation and comparison of previous UFO's seen and I have come to the conclusion this UFO sighted was a new space vehicle.

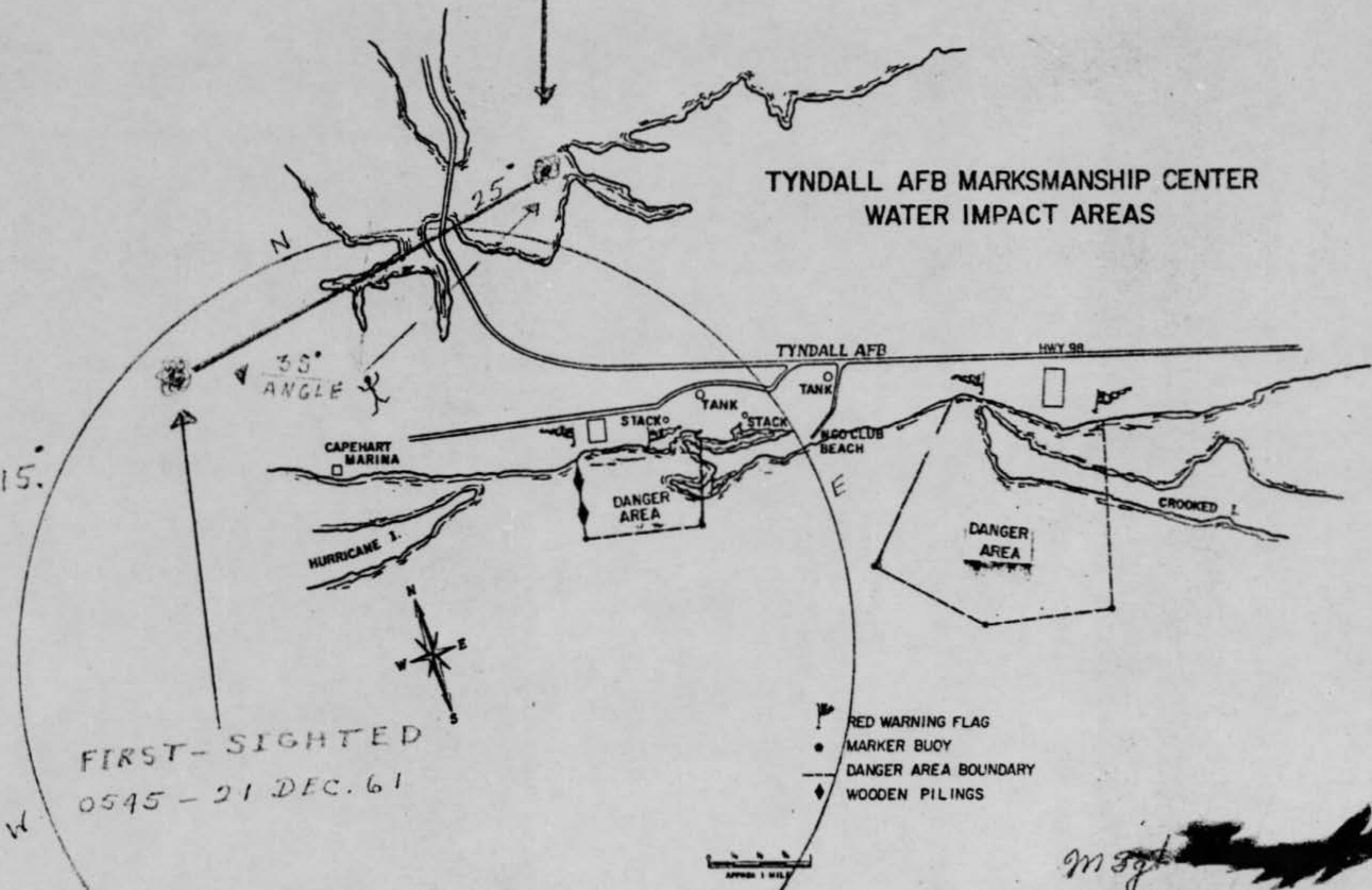
Another thing that made me look to the sky that morning was that my TV set was acting up, with plenty of interference. In the past, I have discovered two UFO's by going outside when my TV set acted up because of outside interference. They were the two UFO reports submitted 1835 hours, 19 September 1960 and 1945 hours, 9 May 1961. This might be a coincidence but I have also observed that when a thunderstorm is moving toward Tyndall AFB, you can tell. Also I've observed freak TV signals from Cuba, Texas, Louisiana, etc., which I do believe are caused by sun spots or unknown other interference. When this occurs, I always check the sky, for UFO's.

This report was prepared by MSgt [REDACTED]. The information contained herein is true to the best of his knowledge. He has studied this UFO and believes it might be a new space vehicle, basing this on his past experience in tracking other UFO's and Echo.

[REDACTED]
MSgt, USAF
Training Section
Tyndall AFB, Fla

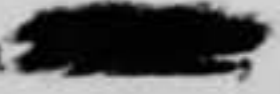
LAST-SIGHTED
0600
RADIANT-APPEARANCE
I. S H A P E - 
SMALL ARMS RANGE DANGER AREAS

atd 2



FIRST-SIGHTED
0545 - 21 DEC. 61

When Red Flags are displayed on the boundaries, that range is in operation and firing is in progress. Fishermen, boating enthusiasts and personnel on beaches are to remain clear of designated areas.

For further information, contact Tyndall Air Force Base, AT6-2111, extension 
Base Training.

M Sgt 

ABDO

3 JAN 1962

Report on Unidentified Flying Object (UFO)

Aerospace Technical Intelligence Center (AFCIN) 4E2X
Wright-Patterson AFB, Ohio

In accordance with AFR 200-2, paragraph 15, dated 14 September
1959, the attached Flying Object Report and sketch are submitted.

FOR THE COMMANDER:

ROBERT E. COLE
Captain, USAF
Base Administrative Officer

2 Atch
a/s