Form 0-B Form 6854A (Revised 4-1-57) WBAN-31A

U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU

ADIABATIC CHART

DATA BLOCK A

Data Block	Type of Level	Level No.	PRESSURE Correct.	PRESSURE Obs.	TEMPERATURE Ordinate	TEMPERATURE Record °C	REL. HUM. Ordinate	REL. HUM. Including Corr. of ±0%	DEW POINT °C	Altitude of Significant Levels or Remarks
00	0	1		1008		10.1		95	15.9	80
11	1	2	6.0	978	65.5	13.7	92.0	90	12.1	500
22	2	3	10.0	946	66.2	16.3	97.3	91	15.0	1100
		4	19.0	894	62.0	7.9	77.0	25	3.7	
33		5	33.0	821	53.2	-6.3	57.0	60	-12.7	
44		6	36.0	791	51.0	-9.4	22.2	34	-20.7	
	0	7	1475	900	46.2	-16.3	24.0	44	-25.6	7475
		8								
		9								
		10								
		11								
		12								
		13								
		14								
		15								

SURFACE OBSERVATION AT RELEASE

PRESSURE Station Inches	PRESSURE Station mb.	Correction mb.	at Station mb.	CONTACT Est. chart	CONTACT Recorder record
	1005.0	+3	1008.0	5.1	5.5

*For difference in elevation between barometer and instrument shelter

TEMPERATURE Dry	TEMPERATURE Wet	RELATIVE HUMIDITY Station %	WIND Direction	WIND Speed mph
51.0°F	60.8°F	95	30	8.2

CLOUDS AND WEATHER

MG 02 RW-F

25F

Constant Pressure Blocks

80 813	9475	-16.2
44753	44	-26.9
00918	50	9

6570	-12.0
40	
72	13

1709

50 320	5767	-7.9
57668	49	-16.6
00833	79	17

5010	-41
62	
90	15

1439

8	4529	-01.5
	66	
10	1021	22

7490	2.1
70	
109	16

1299

70011	3081	-5.9
05018	72	1.4
01195	111	23

3500	9.0
79	
112	21

1107

1974	318	
83		
110	21	

511

85480	1463	114.7
14137	89	110
01198	110	25

977	-16.0
92	
100	21

500	12.9
90	
60	17

889

21029	89	159
16157	95	158
00418	41	9

64	1008	10.1
20	95	15.9
4	90	8

PUNCHED CARD No. 1

PUNCHED CARD No. 2

PUNCHED CARD No. 3

PUNCHED CARD No. 4

BASELINE CHECK READINGS

Time GCT	TEMPERATURE Ordinate	TEMPERATURE Dry	TEMPERATURE Wet
2053	71.0	78.8	74.1

RELATIVE HUMIDITY Ordinate	Dew Point °F	Elev. ft	Psychrometer Table
84.8	78	+2	80

CODED MESSAGE FOR TRANSMISSION

6016	21029	16157	00418	85420
14137	01148	70011	05018	01145
562 20	57668	00833	40813	44753
00918	30143	80208	0	25560
20460	0	20098	01062	0
13650	02041	0	10468	16476
55675	00808	16151	11932	13127
15116	16154	33521	52623	04461
59704	10178			

REMARKS

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD	
DDhhh	Altitude (gpm)	Temperature (°C)
$T_T T_D T_D T_D$	Relative Humidity (%)	Dew-Point (°C)
dddff	Direction (degrees)	Speed (mph)

LEGEND FOR PLOTTED CURVES

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

Drawn by S.B. COBES

Verified by R.C. SAWYER

Inspected by

DATE AND RELEASE TIME

	Year	Month	Day	Time
75 th Mer.	1961	SEP	27	1703
GCT	1961	SEP	27	2103

Radiosonde No. G4B3481X Balloon No. 600

HURRICANE SPECIAL

Station Portland, Maine (City Airport)

43° 39' N 70° 39' W 79th mer.

Rawin GMD-1 Elev. 20 m.

Lat. Long.

Prepared by the Coast and Geodetic Survey
Washington D.C. 10-957

1050 1000 950 900 850 800 750 700 650 600 550

20 30 40

2 km. 1 km. MSL

DATA BLOCK B

PRESSURE		TEMPERATURE				REL. HUM.		DEW POINT °C	Altitude of significant levels or Remarks
Instrument	mb.	Ordinate	Ascent °C	Correction	Corrected	Ordinate	Inclusion Corr. at ±0%		
850	250	30.0	31.0			5.5	55	-18.3	
700	200	20.9	61.2						12557
400	127	13.7	63.1						
250	103	10.9	63.7						16490
233	106	12.2	66.8						

Constant Pressure Blocks

10464	16683	66.6
EXXC	XXXX	XXXX
12570	5496	5

1547

85304	6482	
261	10	

1130

15030	11174	5011
0XXI	XXXX	XXXX
02662	257	11

916

13198	56.0	
250	8	

BG1

20546	1255	652
21XX2	XXXX	XXXX
02516	250	8

1410

28560	10856	4930
40000	XXXX	XXXX
02662	163	3

1210

31463	23500	2857
60000	100	4069
60779	69	20

1110

84961	7500	
41	XXXX	
65	7	

W. B. Form 610-148a (Revised 4-1-52) WBAN 31B

U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU

ADIABATIC CHART

PUNCHED CARD No.

Solar Radiation Corrections for Radio Temperatures

1. Time, LST, at termination of between 200 and 85 mb, or at 150 mb, if termination above 150 mb:
2. Time, LST, at termination of between 149 and 65 mb, or at 80 mb, if termination higher than 70 mb:
3. Time, EST, at 20 mb, if reached:
4. Correction for EST:
5. Time, EST, algebraic sum of (1) & (4):
6. Time, EST, algebraic sum of (2) & (4):
7. Time, EST, 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 80 mb, or its termination, if between these levels:
b. Elapsed time from 80 to 50 mb, or its termination, if between these levels:
c. Elapsed time from 80 to ___ mb:
d. ___ ___ 80 to ___ mb:
e. ___ ___ 80 to ___ mb:
15. a. Ascension rate corresponding to (14a):
b. ___ ___ ___ (14b):
c. ___ ___ ___ (14c):
d. ___ ___ ___ (14d):
e. ___ ___ ___ (14e):

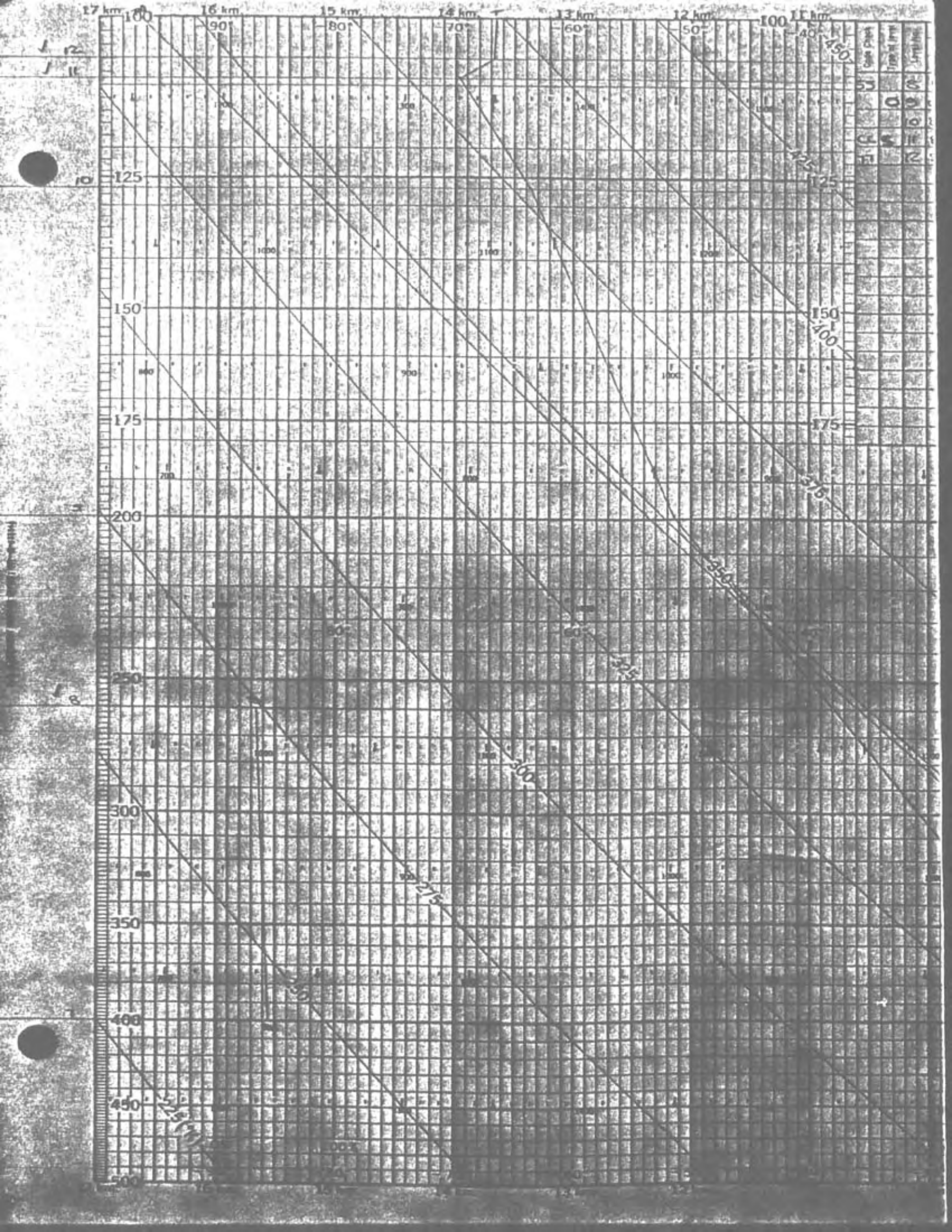
PUNCHED CARD No.

CODED MESSAGE FOR TRANSMISSION

60621

REMARKS FOR PLOTTED CURVES

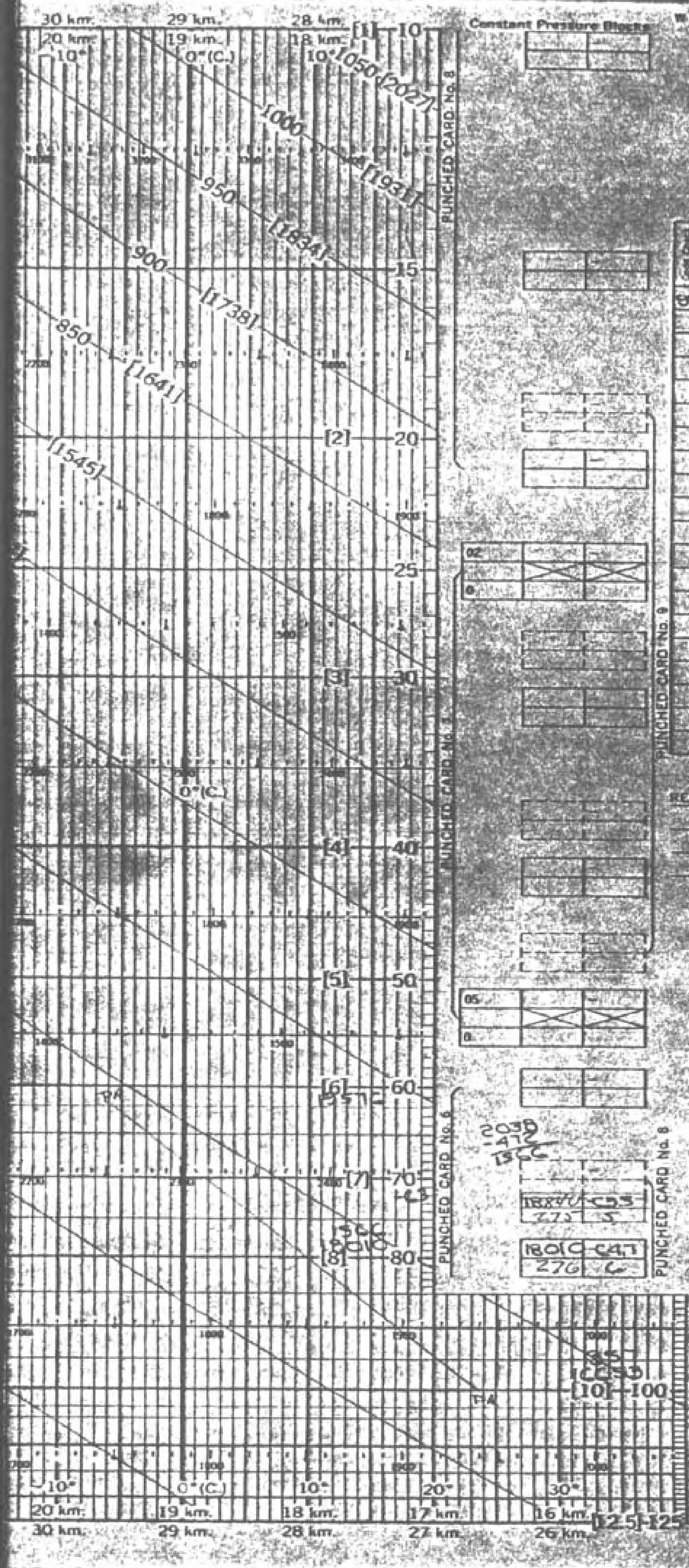
PUNCHED CARD No.


17 km
16 km
15 km
14 km
13 km
12 km
11 km
100
90
80
70
60
50
40
125
150
175
200
250
300
350
400
450
500
425
400
375
350
325
300
275
250
225

W.B. Form 610-14C (Revised 4-1-57) WBAN-31C

U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU

ADIABATIC CHART



DATA BLOCK C

Code	Type	Level No.	PRESSURE Contact	PRESSURE mb	TEMPERATURE Ordinate	TEMPERATURE Ambient (°C)	TEMPERATURE Corr.	TEMPERATURE Corrected	[illegible]
88	0	13	55.6	62	143	-62.5			19.56

REMARKS:

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD	
OOhhh	Altitude (gpm)	Temperature (°C)
$TTT_dT_dT_d$		
ddfff	Direction (degrees) / Speed (knots)	

LEGEND FOR PLOTTED CURVES

PA — Pressure Altitude
T — Temperature (°C)

Drawn by: R. C. Sawyer

Verified by: C. B. Forbes

Inspected by:

DATE AND RELEASE TIME

	Year	Month	Day	Time
75 th Mer.	1961	SEP	21	1600
GCT	1961	SEP	21	2103

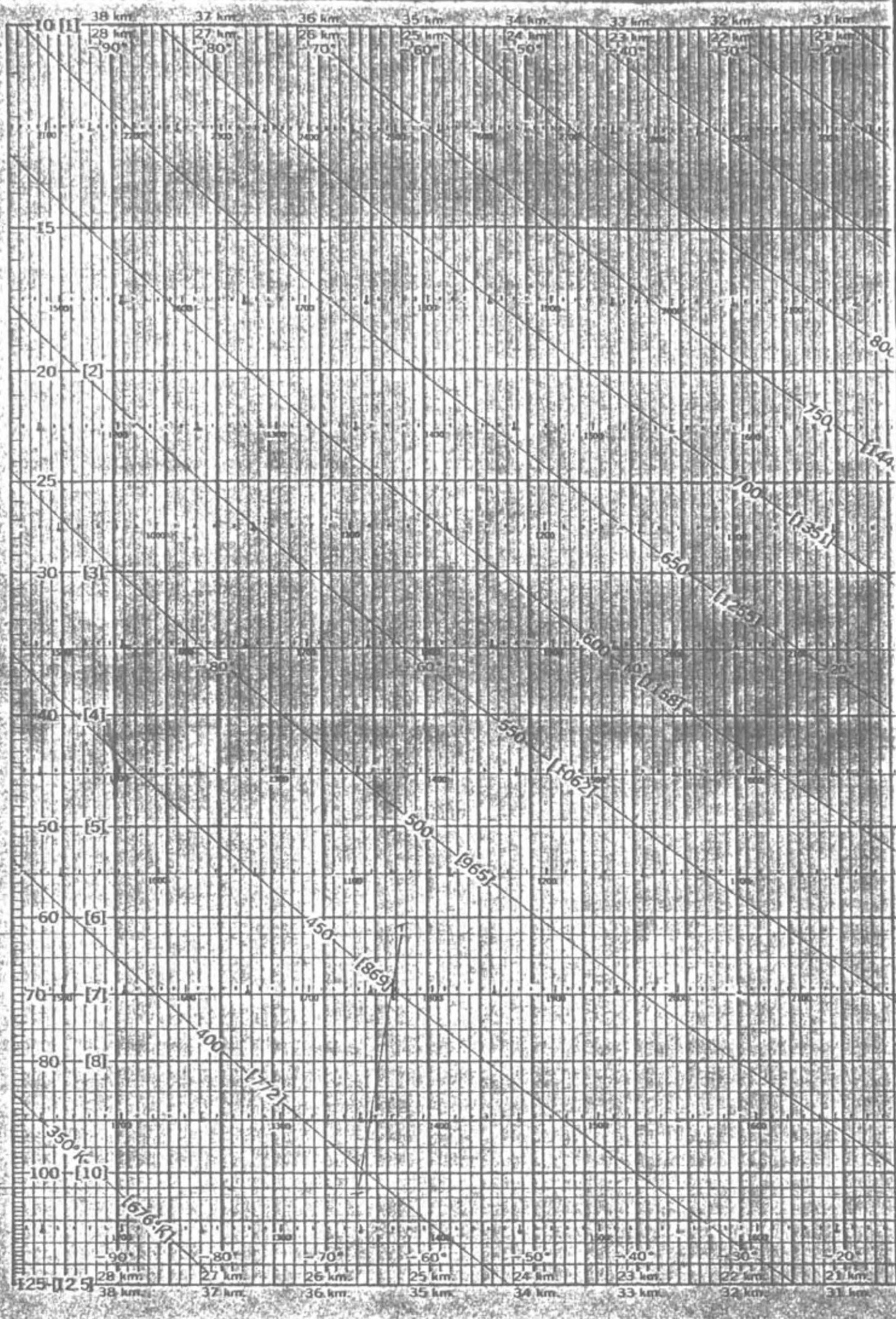
Radiosonde No. G4814IX Ascension No. 590

HURRICANE SPECIAL

Station: Portland, Maine (City Airport)

Lat. 43° 39' N Long. [illegible] W

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



38 km
37 km
36 km
35 km
34 km
33 km
32 km
31 km
28 km
27 km
26 km
25 km
24 km
23 km
22 km
21 km
-90°
-80°
-70°
-60°
-50°
-40°
-30°
-20°
10 [1]
15
20 [2]
25
30 [3]
40 [4]
50 [5]
60 [6]
70 [7]
80 [8]
100 [10]
125 [12.5]
800
750
[1351]
700
650
[1255]
600
[1158]
550
[1062]
500
[965]
450
[869]
400
[772]
350°K
[676°K]

WBAN 31A

U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU

ADIABATIC CHART

DATA BLOCK A

Page Check	Type of Level	Level No.	PRESSURE Contact mb	PRESSURE Min	TEMPERATURE Ordinate °C	TEMPERATURE Ascent °C	REL. HUM. Ordinate	REL. HUM. Including Corr. of 0°C	DEW POINT °C	Altitude of Significant Levels or Remarks
	0	1		1008		16.1		94	15.1	70
11	1	2	8.0	923	65.8	14.4	87.8	94	13.5	770
72	2	3	10.0	890	66.8	16.4	87.9	94	15.4	1080
43		4	24.0	661	57.4	3.0	72.1	70	-2.0	
44		5	29.5	580	56.0	-3.9	37.9	47	-13.6	
51	0	6	31.4	552	53.2	-6.5	57.8	24	-23.8	5060
46	3	7	36.0	493	57.3	-9.3	24.2	41	-20.1	5880
71	0	8	37.4	478	49.3	-12.2	55.0	25	-28.3	6110
		9	41.4	432	47.1	-15.3	55.0	25		
		10	44.5	400	46.2	-17.9	15.9	38	-28.8	
		11								
		12								
		13								
		14								
		15								

SURFACE OBSERVATION AT RELEASE

PRESSURE Station Inches	PRESSURE Station mb	PRESSURE Correction mb	PRESSURE at Shelter mb	CONTACT Calc. chart	CONTACT Recorder record
	1008.2	—	1008.2	3.1	3.1

*For difference in elevation between barometer and instrument shelter

TEMPERATURE Dry	TEMPERATURE Wet	RELATIVE HUMIDITY Shelter %	WIND Direction	WIND Speed
61.0 °F	60.0 °F			
16.1 °C	15.6 °C	94	270	10 kts

CLOUDS AND WEATHER

14 160 1.8 C
10.5 F

Constant Pressure Blocks

40447	7460	-17.9
67789	58	-28.8
00620	51	10

6580	-14.0
26	X
12	13

1695 -10.0

50891	5765	-9.0
59702	39	-20.5
00921	85	14

(+1)

5020	-6.6	
24	X	
86	16	

1427

60	4338	-2.1
	51	
0	85	16

3701	2.1	
67	X	
95	19	

1441

70614	3891	5.6
01065	24	1.5
01149	104	20

2570	8.7	
80	X	
132	19	

1107

1954	116	
87	X	
104	19	

SFC

9815	1442	14.3
14123	90	12.1
01057	163	1.5

1401

9855	1401	
74	X	
35	13	

4120	4.0	
76	X	
68	11	

PUNCHED CARD No. 4

PUNCHED CARD No. 3

PUNCHED CARD No. 2

BASELINE CHECK READINGS

Time EST	TEMPERATURE Ordinate	TEMPERATURE Dry	TEMPERATURE Wet
		80.6	75.6 °F
1302	71.6	27.0	24.2 °C

Ordinate	RELATIVE HUMIDITY Radio %	Corr. %	Psychrometer Tbl.
84.8	78	+2	Wetbulb 80

CODED MESSAGE FOR TRANSMISSION

606 13029 16150 00233 85883
14123 01057 70014 85015 01057
50891 59702 09216 46447 67789
00620 30135 88000 20109 25552
90009 03306 22005 02008 02820
15836 11000 02822 88445 16002
02114
11111 60001 16411 11923 11841
22890 16455 38[illegible] 15726 [illegible]
13638 [illegible] [illegible] [illegible] 60111
11250

REMARKS

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS [illegible]
00000	Altitude Correct. / Temperature °C
11111	Relative Humidity % / Dew Point °C
99999	Wind Direction / Wind Speed

LEGEND FOR PLOTTED CURVES

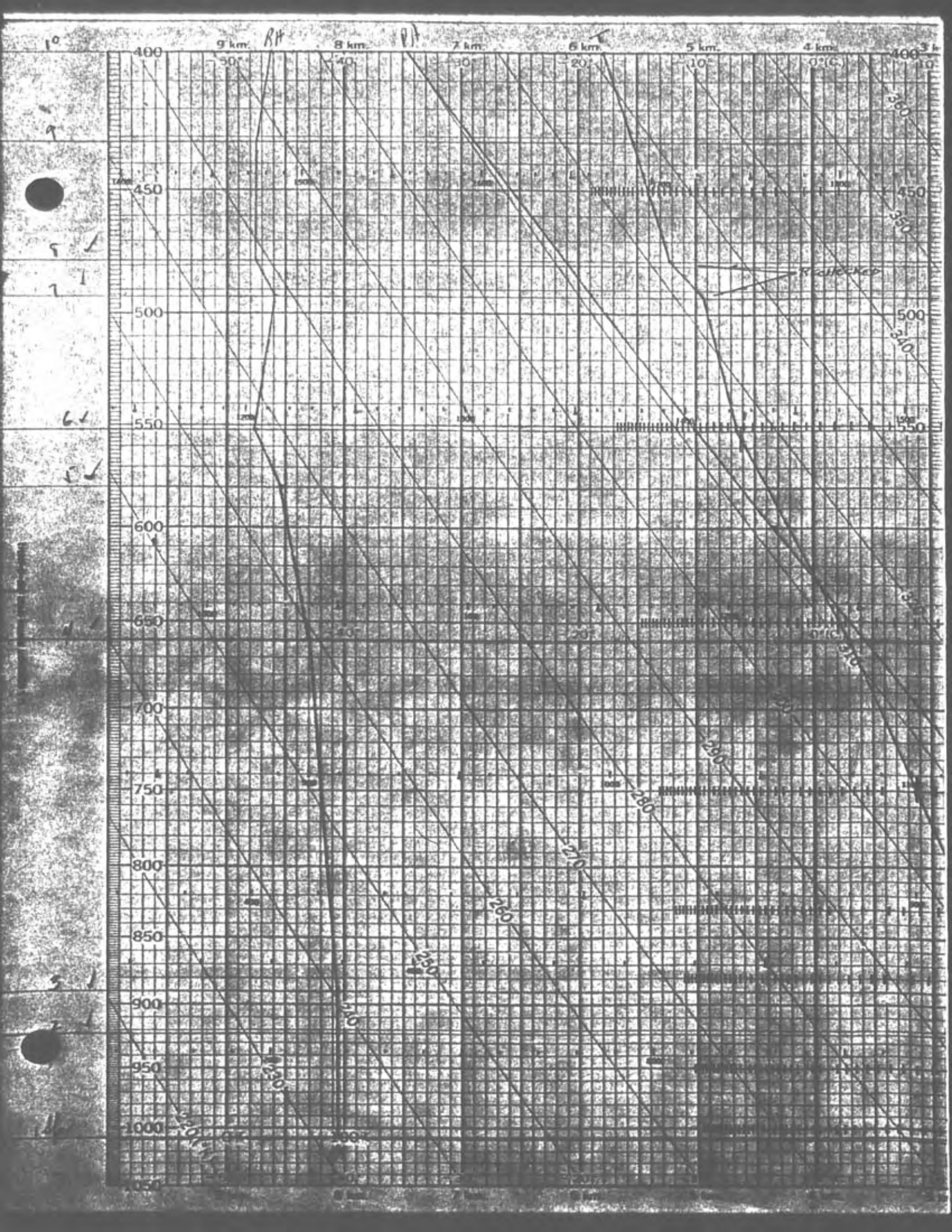
Temperature

Dew Point

Wind Speed

Wind Direction

DATE AND TIME



9 km.
8 km.
7 km.
6 km.
5 km.
4 km.
RH
PH
400
450
500
550
600
650
700
750
800
850
900
950
1000
360
350
340
290
280
270
260
250
240
230
220

W B Form 610 (4-57) (Revised 4-1-57) WBAN-31B

U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU

ADIABATIC CHART

DATA BLOCK B

PRESSURE		TEMPERATURE				REL. HUM.		DEW POINT °C	Altitude of significant levels on Remarks
Contact	mb	Ordinate	Ascent °C	Correction	Corrected	Ordinate	Including Corr. of %		
45	303	25.9	-30.4			5.0	29	-42.7	
0	200	200	-52.8						12307
16	115	115	-68.6						15760
75	100	126	-66.2						

Constant Pressure Blocks

10445	16597	-66.2
16XX2		
02714	268	7

1346

15255		-66.2
251		8

1120

15636	14131	-61.0
11XX0		
02821	276	11

968

13163		-56.6
290		10

856

20038	12307	-52.8
02XX8		
02920	290	10

1480

25552	10823	-40.9
90XX9		
03306	326	3

1270

30135	9557	-31.0
81XX0	(20)	-42
00109	10	4

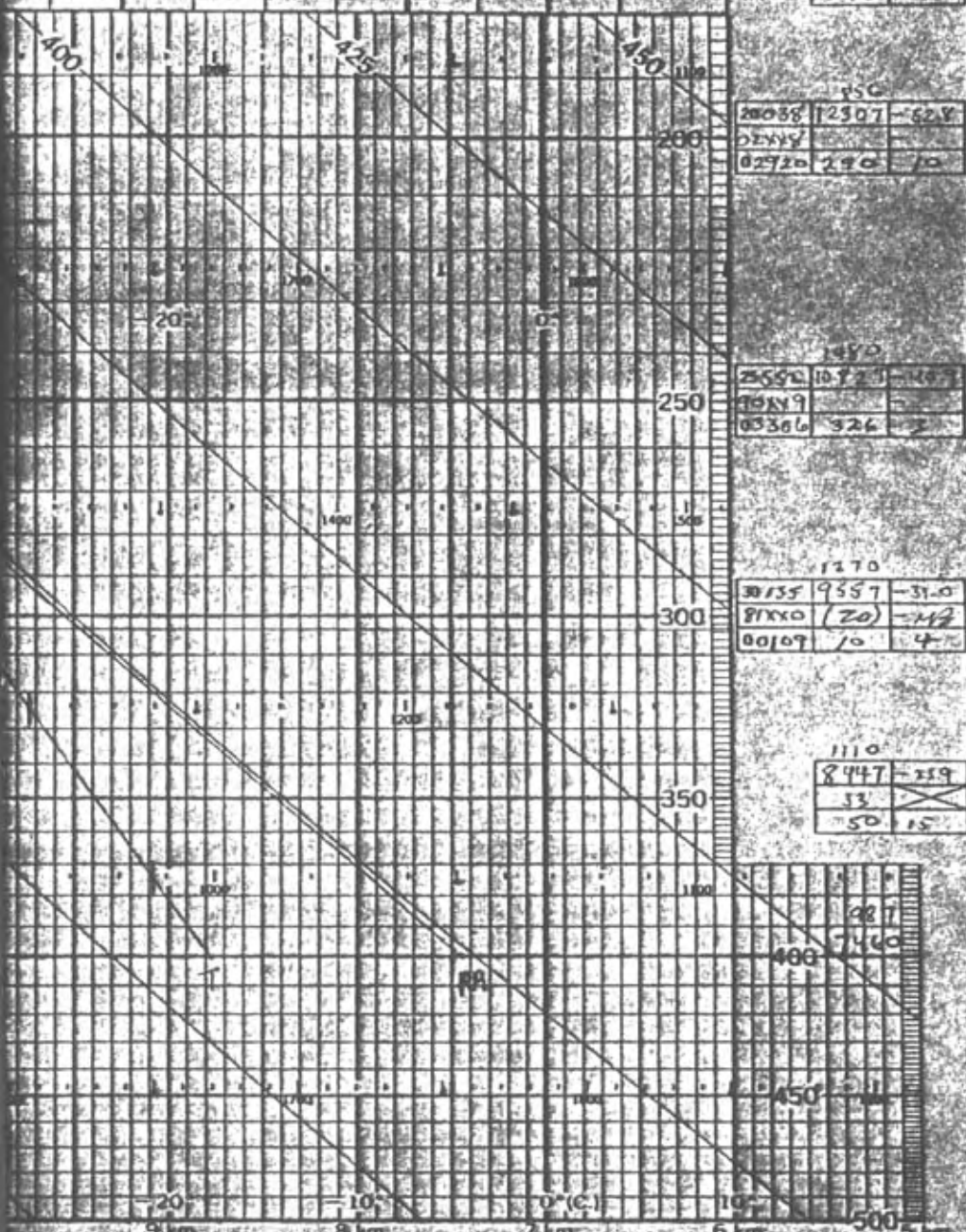
1110

8447		-25.9
33		
50		15

PUNCHED CARD No. 6

PUNCHED CARD No. 5

PUNCHED CARD No. 4



Solar Radiation Corrections for Rash Temperatures

1. Time, LST, at termination if between 300 and 81 mb, or at 150 mb, if termination above 150 mb.
2. Time, LST, at termination if between 140 and 81 mb, or at 80 mb, if termination higher than 80 mb.
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 80 mb, or to termination if between these levels.
    b. Elapsed time from 80 to 50 mb, or to termination if between these levels.
    c. Elapsed time from 80 to ___ mb.
    d. " " " 80 to ___ mb.
    e. " " " 80 to ___ mb.
15. a. Ascensional rate corresponding to (14a).
    b. " " " (14b).
    c. " " " (14c).
    d. " " " (14d).
    e. " " " (14e).

CODED MESSAGE FOR TRANSMISSION

60623

55555 66495 59701 [illegible] [illegible]
99303 80926 66666 11519 [illegible]

[illegible] SIMED

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD	
ODMH	Altitude (gpm)	Temperature (°C)
$TTT_dT_dT_d$	*Relative Humidity (%)	*Dew Point (°C)
Odd	Direction (degrees)	Speed (mph)

*Omitted above 200 mb.

LEGEND FOR PLOTTED CURVES

PA — Pressure - Altitude (approximate values)
T — Temperature (°C) RA — Relative Humidity (%)

Drawn by C B FOAES

Verified by REFLEURY

Inspected by

DATE AND RELEASE TIME

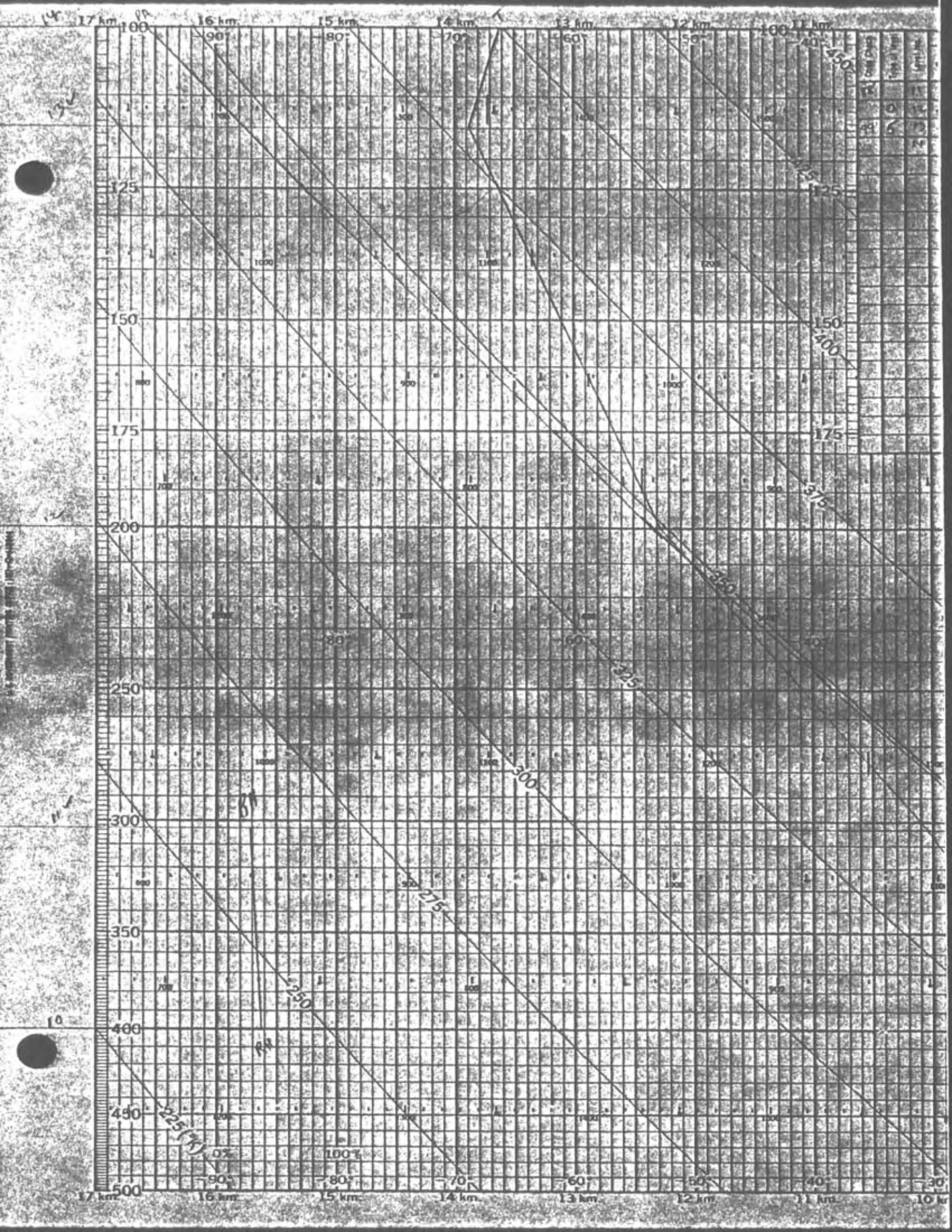
	Year	Month	Day	Time
75 th Mer	1961	SEP	21	1806
GCT	1961	SEP	21	2306

Radiosonde No. G 41142X Ascension No. 531

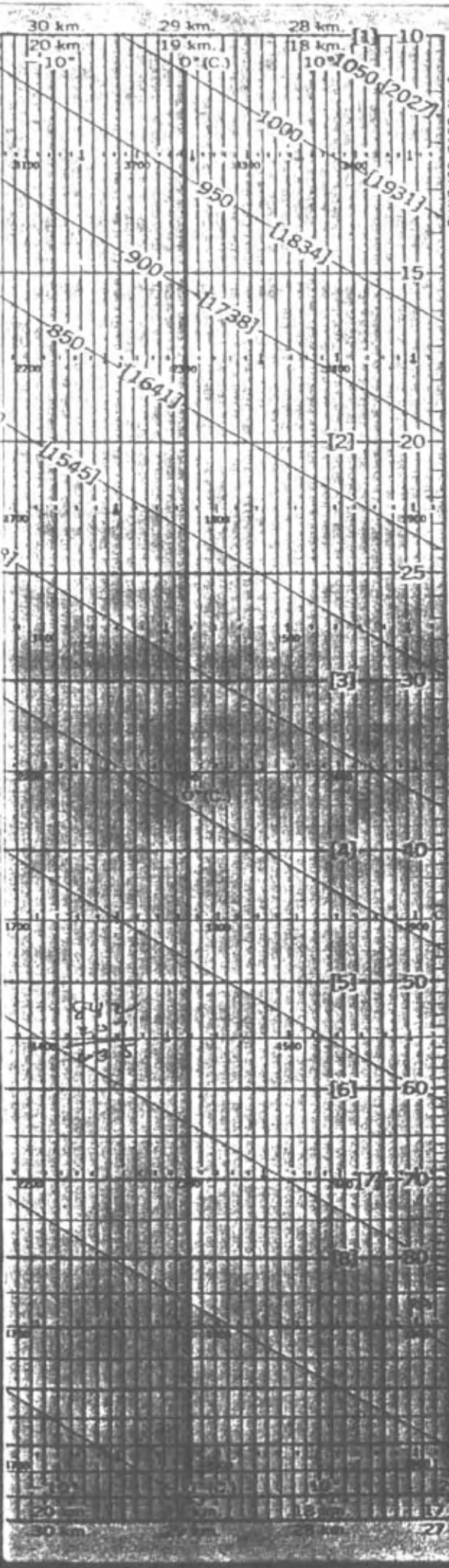
Station
Portland, Maine (City Airport)

Lat. 43° 39' N Long. 70° 19' W

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


17 km
16 km
15 km
14 km
13 km
12 km
11 km
100
125
150
175
200
250
300
350
400
450
500
-90°
-80°
-70°
-60°
-50°
-40°
450
425
400
375
350
325
300
275
250
225 (°K)
0%
100%

10 [1]
38 km.
28 km.
90°
37 km.
27 km.
80°
36 km.
26 km.
70°
35 km.
25 km.
60°
34 km.
24 km.
50°
33 km.
23 km.
40°
32 km.
22 km.
30°
31 km.
21 km.
20°
15
20 [2]
25
30 [3]
40 [4]
50 [5]
60 [6]
70 [7]
80 [8]
100 [10]
125 [12.5]
750
700
650 [1255]
600 [1158]
550 [1062]
500 [965]
450 [869]
400 [772]
350



Constant Pressure Blocks

W B Form 510-14C (Revised 8-1-57)

U.S. DEPARTMENT OF COMMERCE

WEATHER BUREAU

ADIABATIC CHART

DATA BLOCK C

Code Check	Type of level	Level No.	PRESSURE Contact	PRESSURE mb	TEMPERATURE Ordinate	TEMPERATURE Ascent (°C)	TEMPERATURE Corr.	TEMPERATURE Corrected	Altitude of Significant Levels or Remarks
11	0	15	89.7	95	11.6	68.3			[illegible]

REMARKS

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD	
DCMD	Altitude (gpm)	Temperature (°C)
$TTT_dT_dT_d$		
Ddff	Direction (degrees)	Speed (kts)

LEGEND FOR PLOTTED CURVES

[illegible] — Pressure-Altitude [illegible]

[illegible] — Temperature (°C)

Drawn by C B Forbes

Verified by R.E. Fleury

Inspected by

W-B Form 618 Last (Revised 4-1-57) WBAN-STA

U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU

ADIABATIC CHART

DATA BLOCK A

Type of Sonde	Level No.	PRESSURE Constant	PRESSURE Millibars	TEMPERATURE Ordinate	TEMPERATURE Ascent °C	REL. HUMID. Ordinate	REL. HUMID. Including Corr. of ±0.4	DEW POINT °C	Altitude of Significant Levels (m) Remarks
0	1		1027		4.4		96	3.8	30
8	2	3.0	1012	633	11.0	776	74	6.6	180
2	3	5.5	964	-66.0	16.0	5.0	16	-9.9	570
5	4	18.0	741	621	9.0	445	(13)	1.8	2750
H	5	37.4	450	464	-15.2	5.0	25	-30.8	
0	6	41.6	400	426	-24.1	14.0	39		7480
	7								
	8								
	9								
	10								
	11								
	12								
	13								
	14								
	15								

SURFACE OBSERVATION AT RELEASE

PRESSURE Station Inches	PRESSURE Station mb	PRESSURE "Correction" mb	PRESSURE Shelter mb	CONTACT Cos-cines	CONTACT Remarks record
	1026.3		1026.8	2.3	2.1

*For difference in elevation between barometer and instrument shelter

TEMPERATURE Dry	TEMPERATURE Wet	RELATIVE HUMIDITY Ordinate %	WIND Direction degrees	WIND Velocity mph
40.0	39.5			
44	42	96	290	2.1

CLOUDS AND WEATHER

Fog Mist
72

Constant Pressure Blocks

PUNCHED CARD No. 1

40477	7456	-24.4
70814	58	3.4
02034	260	17
6100	-4.5	
125		
264	15	

PUNCHED CARD No. 2

1655

50934	8891	-16.1
6NXX1	1145	
02618	2624	1.9
(11)		
5140	-5.5	
(115)		
257	3	

1450

68	4446	-1.3
	(14)	
0	256	4
3820	2.4	
(13)		
258	3	

PUNCHED CARD No. 3

1395

70026	3279	6.1
16XX1	(16)	
02404	244	2
2660	9.3	
(13)		
241	2	

1105

21118	11.6	
(13)		
234	6	

PUNCHED CARD No. 4

1506

85728	1609	12.7
12XX1	(12)	
02306	225	3
450		
11129	14.1	
(12)		
240	2	
680	16.6	
(12)		
245	2	

PUNCHED CARD No. 5

859

11019	241	12.1
12042	60	4.5
02704	267	2
213		
1127	4.4	
96		
290	2	

BASELINE CHECK (READINGS)

Time G.C.T.	TEMPERATURE Ordinate	TEMPERATURE Dry °C	TEMPERATURE Wet °C
11.14	324	26.0	23.6

RELATIVE HUMIDITY Ordinate	RELATIVE HUMIDITY Remarks %	RELATIVE HUMIDITY Corr. °C	RELATIVE HUMIDITY Psychrometer Tbls
84.2	77	4.8	

CODED MESSAGE FOR TRANSMISSION

6XX1	11019	12042	02704	85728
12XX1	02306	70026	06XX1	02404
50934	6NXX1	02618	46491	70814
02634	30165	86941	02772	21671
96XX6	00250	70440	06XX1	02604
15436	12XX1	02757	10019	15XX5
02883				
77777	00027	01036	11012	11062
22964	16573	33041	61000	10111
50577	52110			

REMARKS

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD	
OOhdm	Altitude (gpm)	Temperature (°C)
TTTgTgTm	Relative Humidity (%)	Dew Point (°C)
Dddff	Direction (degrees)	Speed (knots)

LEGEND FOR PLOTTED CURVES

P — Pressure, Altitude (geopotential meters)
T — Temperature °C
RH — Relative Humidity %

Drawn by: R. E. FLEENOR

Verified by: J. F. CIZEK

Inspected by:

DATE AND RELEASE TIME

	Year	Month	Day	Time
75 D/Mon	1961	SEP	9	0627
G.C.T.	1961	SEP	09	11 27

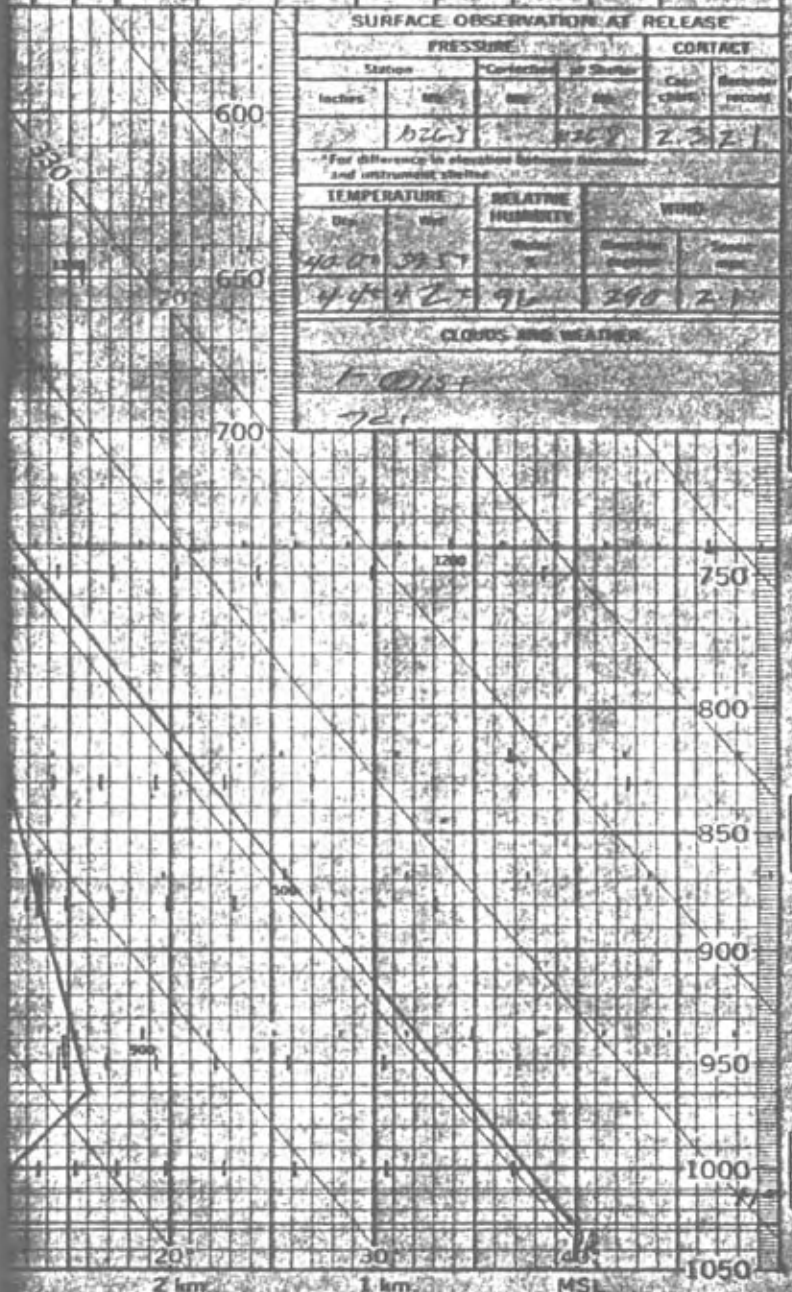
Radiosonde No. 64-1350X Instrument No. 524

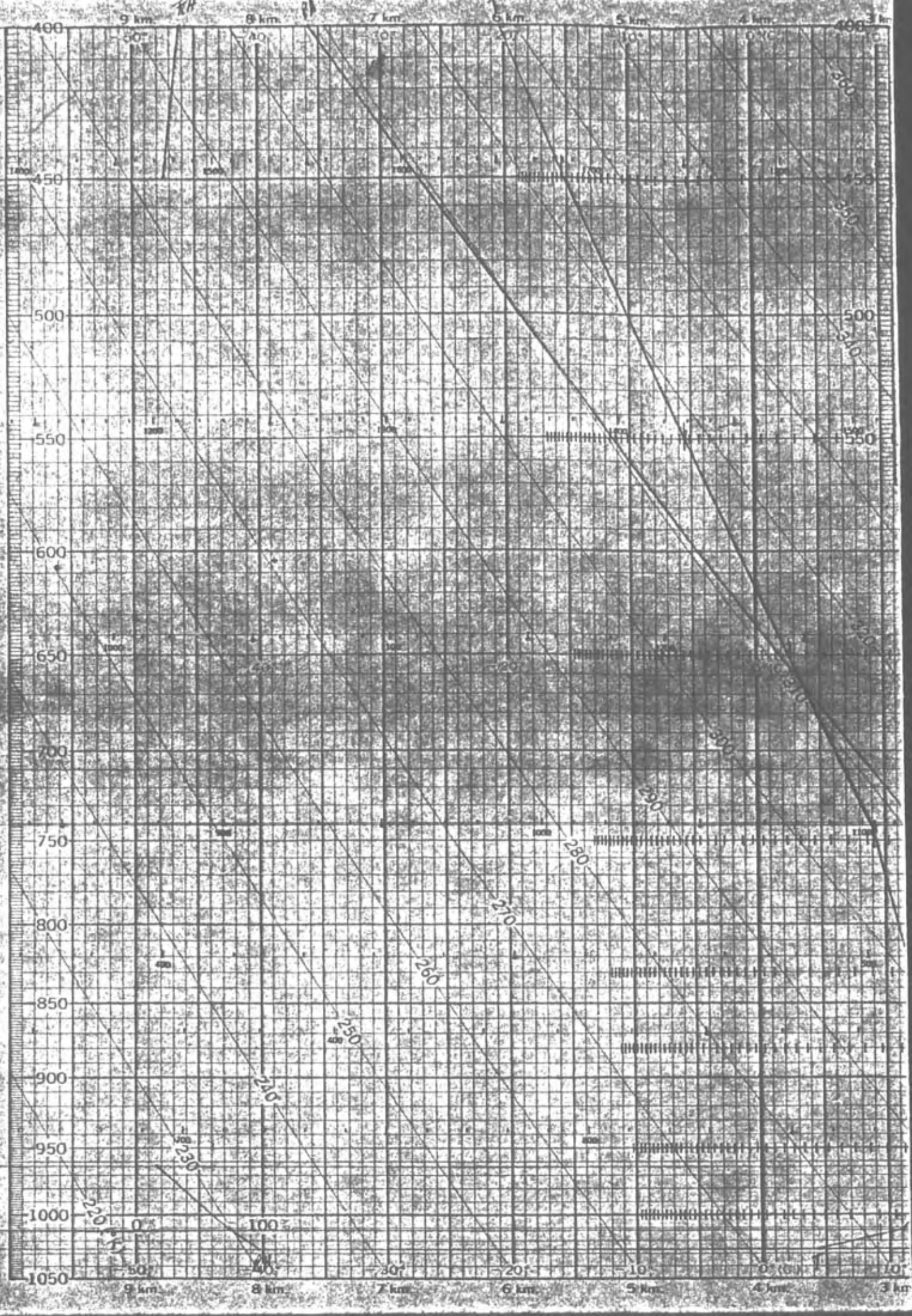
Station
Portland, Maine (CAA Airport)

43° 39' N

Lat. Long.

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





9 km
8 km
7 km
6 km
5 km
4 km
3 km
400
450
500
550
600
650
700
750
800
850
900
950
1000
1050
0
100
220
230
240
250
260
270
280
290
300
310
320
340
350
360

Part Two: An "abducted" woman describes her incredible experience

BY JOHN G. FULLER

RETURNING FROM a brief vacation in Canada in September, 1961, Barney and Betty Hill had a deeply disturbing experience that they could remember only vaguely. They had sighted what may have been an Unidentified Flying Object that seemed to be following their car. Their anxiety about the incident led them to the office of Dr. Benjamin Simon, the distinguished Boston psychiatrist, on December 14, 1963. Because of the cloudiness of the Hills' conscious recollection of the episode, Dr. Simon decided to use regression under hypnosis in the hope that this would help them reconstruct the event more clearly. He also decided to tape-record these sessions for later study and reference.

During World War II, Dr. Simon, as Chief of Neuropsychiatry and Executive Officer at Mason General Hospital, the Army's chief psychiatric center, had extensive experience with hypnosis in the treatment of many psychiatric disorders among military personnel.

Barney Hill, who is a Negro, told of the journey from the Canadian border to their home in Portsmouth, N. H., and described a glowing UFO that seemed to follow them during part of their trip. Under hypnosis, he recreated the scene in much greater detail, and added an incident he had not mentioned during the earlier interview. The low-flying UFO had descended, Hill told the doctor, and humanoid creatures had then blocked the road. They had "abducted" him and carried him aboard the UFO for a strange physical examination. After several sessions with Barney, Dr. Simon decided to question Betty Hill, who is white, under hypnosis the following week.

Within the first moments of her trance, Betty Hill told a story that was remarkably similar to the one Dr. Simon had heard from her husband. After she and Barney made a number of stops in an attempt to observe the object more clearly, she said, they reached a point in the road where she saw "men standing in the highway . . . and these men started to come up to the car. . . . They came in two groups. . . ." At that point, "a kind of daze" overcame her.

The men took them both from the car, she said. ". . . And I turn around, and I say: 'Barney! Wake up!' . . . And he doesn't pay any attention. He keeps walking."

One of the men walking beside Betty said: "Don't be afraid. We're not going to harm you."

DOCTOR: These men spoke good English?

BETTY: Only one spoke. . . . He had sort of a foreign accent. . . . We kept walking, and we came to a clearing. . . . The object was on the ground. . . . I think it was the same one I had been watching in the sky. . . . And they're taking me up to the object. I didn't want to go on it. The man beside me says to go on. . . . So he and one of the others each take my arms. . . . I go inside, and there's a corridor. We go up the corridor, and there's a room. . . . I turn around, and I'm waiting for them to bring Barney in. But they lead Barney right past the door where I'm standing. I said: What are you doing with Barney? Bring him in here where I am. And the man said: No, we only have equipment enough in one room to do one person at a time. And if we took you both in the same room, it would take too long. . . . Another man comes in. . . . I think he's a doctor. . . . They push up the sleeve of my dress, and they look at my arm . . . and then they turn my arm over, and they look at the underside. . . . And they rub, they have a machine . . . it's something like a microscope, only a microscope with a big lens. . . . I had an idea they were taking a picture of my skin. . . . And then they took something like a letter opener—only it wasn't—and they scraped my arm. . . . And there was like little—you know—how your skin gets dry and flaky sometimes, like little particles of skin? And they took a piece of cellophane or plastic or

continued

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September [illegible], 1961

ABOARD A
FLYING
SAUCER

"They" seem puzzled by time and aging

something like that, and they scraped, and they put the flakes on this plastic. . . . And the leader of the group puts it in the top drawer. And then they put my head . . . in this thing that holds your head. . . . And the examiner opens my eyes and looks into them with a light, and he opens my mouth, and he looks in my throat and my teeth and in my ears. . . . And then he takes like a—oh, a swab—and he puts it in my left ear, and he puts this on another piece of this material. And the leader rolls it all up and puts it in the top drawer too. Then they take a couple of strands of my hair, and they pull it out, and he gives this to the leader, and he wraps that up and puts that in the top drawer. . . . And then he feels my neck, behind my ears, under my chin, around my collar bone, and —oh—and then they take off my shoes and look at my feet and at my hands. . . . And he takes something, and he goes underneath my fingernail, and then he . . . cut off a piece of my fingernail. And then the doctor, the examiner, tells me to take off my dress . . . and so I slip my dress off. . . . I lie down on the table, on my back, and he brings over this—oh, how can I describe it? They're like needles, a whole cluster of needles, and each needle has a wire going from it. . . . They touch me with the needles. . . . It doesn't hurt at all. . . . He puts it on my knee, and my leg jumps. And then

Bothered at first by the account given by the Hills, Dr. Simon (above) was convinced after a few sessions that they were telling him the truth as they understood it. The Hills (right) stand near the scene of their disturbing experience.

. . . then they said that was the end of the testing. And the leader helped me up. . . . I put my dress on. And I was going to zip it up, and he took hold of the zipper and zipped it up. And then—oh, I said: I can go now? I can go back to the car? And he said: Barney isn't ready yet. . . . He said that they were doing a few more tests with him, but he'd be right along in a minute. . . . I started talking with the leader. And I said to him that this had been quite an experience. . . . That no one would ever, ever believe me. . . . And that what I needed was some proof that this had really hap-

thing about the universe. And I told him, no, I know practically nothing. . . . And he went across the room and pulled out a map, and he asks me had I ever seen a map like this before. . . . There were all these dots on it, scattered all over it. Some were little, just pinpoints. And others were as big as a nickle. And there were lines . . . going from one dot to another. And there was one big circle, and it had a lot of lines coming out from it. A lot of lines going to another circle quite close, but not as big. And these were heavy lines. And I asked him what they meant. And he said

me over on my back, and the examiner had a long needle in his hand. . . . And I ask him what he's going to do with it . . . and he said he just wants to put it in my navel, it's just a simple test. And I tell him, no, it will hurt, don't do it, don't do it. And I'm crying, and I'm telling him: It's hurting, it's hurting, take it out, take it out! And the leader comes over, and he puts his hand, rubs his hand in front of my eyes, and he says it will be all right, I won't feel it. . . . The pain goes away. But I'm sore from where they put that needle.

DOCTOR: Did they make any sexual advances to you?

BETTY: No. . . . I asked the leader, I said: Why did they put that needle into my navel? And he said it was a pregnancy test. I said I don't know what they expected, but that was no pregnancy test. And he didn't say any more. . . .

DOCTOR: All right. We'll stop here now.

The Hills returned to the office for Betty's second session on March 14, 1964.

DOCTOR: About this needle. How far in did he inject the needle?

BETTY: Oh, it was a long needle. I don't know, I thought it—I didn't look, but I would say the needle was four inches long, six, maybe. . . . Something like a tube was attached to it. They didn't leave it in very long. Just for a second.

DOCTOR: What kind of pain was it?

BETTY: All I could think of was a knife. . . . Then, I was grateful to the leader for stopping the pain

me something to take back with me, then people would believe it. And so he told me to look around and maybe I could find something I would like to take. And I did—and there wasn't much around—but on the cabinet, there was a book, a fairly big book . . . and I said: Could I have this? And he told me to look in the book, and I did. It had pages, it had writing, but nothing like I had ever seen before. . . . The writing didn't go across, it went up and down.

DOCTOR: Did it look like any language that you know or was it in English?

BETTY: No, it wasn't in English.

DOCTOR: What language do you know that goes up and down?

BETTY: I don't know it, but I can recognize it. I can't read it: Japanese.

DOCTOR: Japanese. Did this look like Japanese?

BETTY: No.

DOCTOR: Was it writing or printing?

BETTY: It was different . . . it had sharp lines, and they were, some were very thin, and some were medium, and some were very heavy. It had some dots. It had straight lines and curved lines. And the leader laughed, and he asked me if I thought I could read it. And I told him no . . . but this was going to be my proof that this happened. . . . And so he said that I could have it. . . . And I was delighted. . . . And so then I said . . . I knew he wasn't from the earth, and I wanted to know where he did come from. And he asked me if I knew any-

casionally. And he said the broken lines were expeditions. . . . I asked him where was his home port, and he said: Where are *you* on the map? I looked and laughed and said I don't know. So he said: If you don't know where you are, then there isn't any point of my telling where I am from. And he put the map away. . . . And I thought: Well, I still have the book. . . . All of a sudden, some men came in with the examiner. They are quite excited. . . . The examiner has me open my mouth, and he starts checking my teeth. And he tugs at them. I asked what they are trying to do. . . . The examiner says they could not figure it out—Barney's teeth came out and mine didn't. I was really laughing and said Barney had dentures, and I didn't. They asked me: What are dentures? And I said people as they got older lost their teeth. They go to a dentist and get dentures. Or a person sometimes—Barney had to have dentures because he had a mouth injury. He had to have his teeth extracted. . . . I said it happens to almost everyone as they get older. And he said: What is older? I said: Old age. So he said: What is old age? And I said—well it varied, but as a person gets older, there are changes in him, particularly physical. He begins to sort of break down with age. So he said, what did I mean by age? And I said the life span—the length of time people live. He said, how long was this? And I said, well, about 100 years at the most. People can die before that—most of them do. . . . I think the average length of time . . . I don't know . . . was 65 or 70. So he said, 65 or 70 what? I said: Years. He said: What is a year? And I said it had to do with how many days, and the days had so many hours,