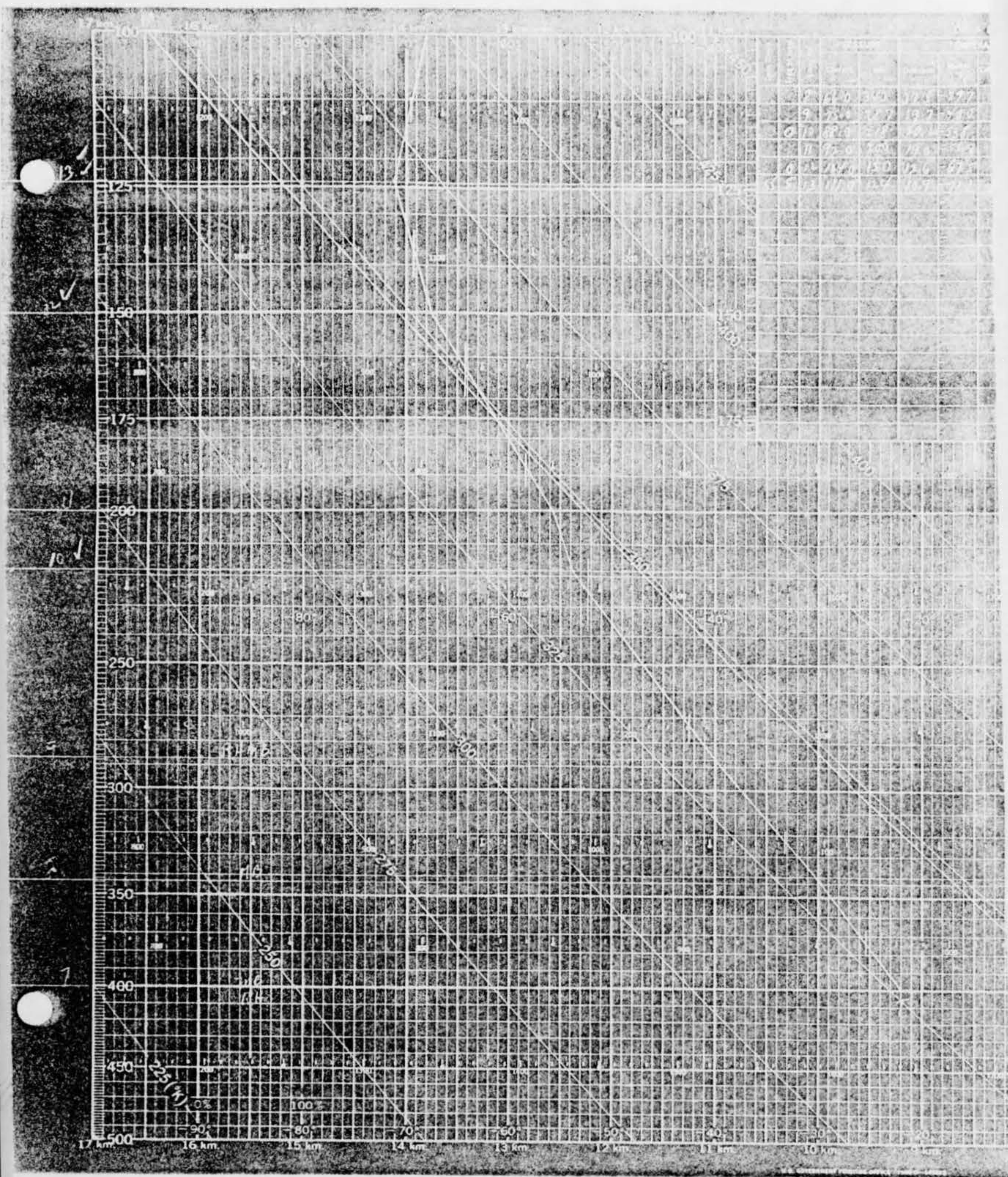
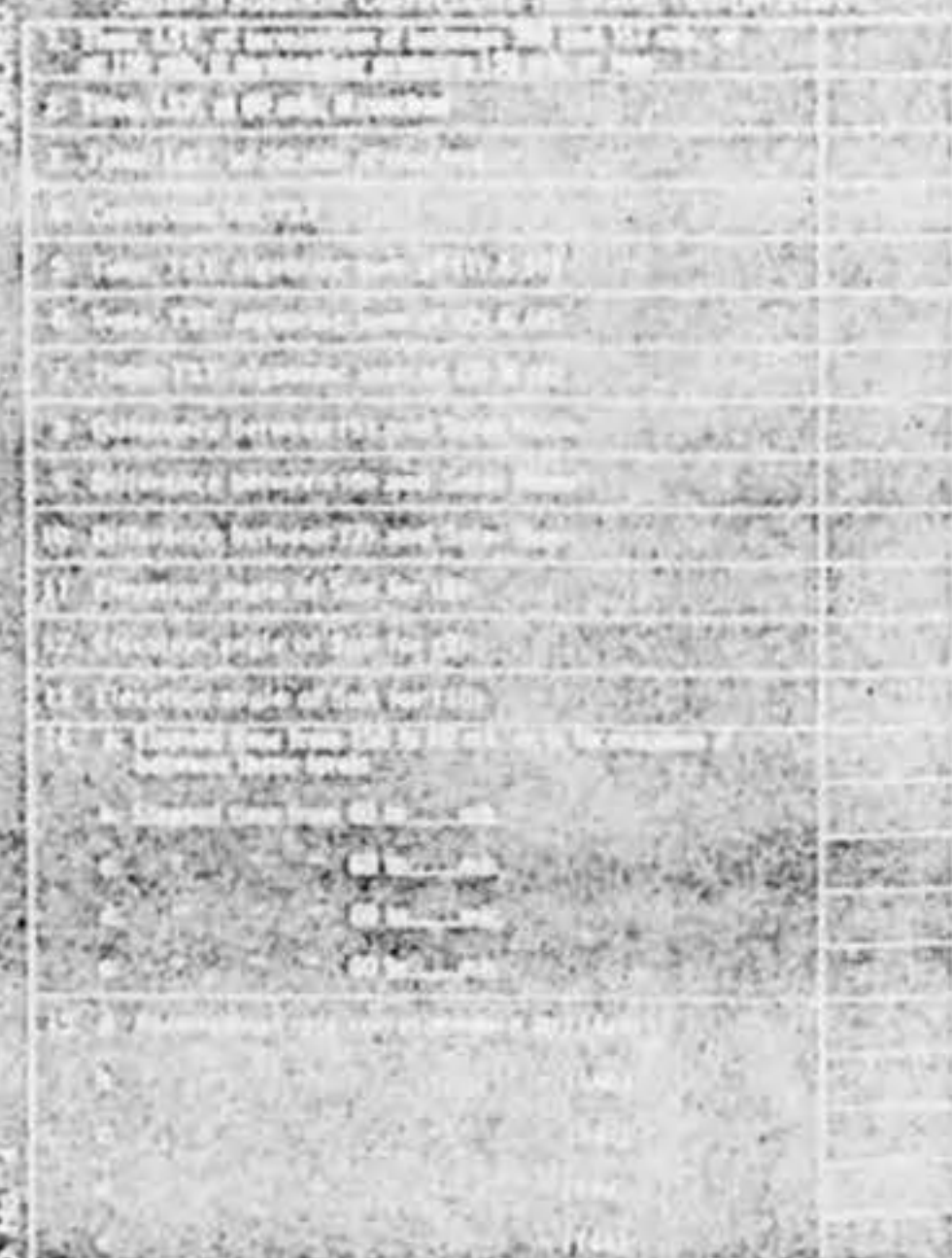


PROJECT 10073 RECORD CARD

1. DATE 16 Oct 1961		2. LOCATION Jensen, Utah		12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical ☒ Other <u>Probably mirage</u> ☐ Insufficient Data for Evaluation ☐ Unknown	
3. DATE-TIME GROUP Local _____ GMT <u>17/0100</u>		4. TYPE OF OBSERVATION ☐ Ground-Visual ☐ Ground-Radar ☒ Air-Visual ☐ Air-Intercept Radar			
5. PHOTOS ☐ Yes ☒ No		6. SOURCE Military <u>CIVILIAN</u>			
7. LENGTH OF OBSERVATION		8. NUMBER OF OBJECTS 3			
9. COURSE					
10. BRIEF SUMMARY OF SIGHTING Pilot observed 3 objects ahead. As he approached them they appeared motionless. Climbed to 8,500 and approached to 5 mi. Objects raised and disappeared to SSW in 1 1/2 min. No radar pick up in area at sunset.				11. COMMENTS An inversion was present at approx 8000' in Utah area on date of sighting. Due to inversion there was probably a superior mirage of distant mountain tops appearing as objects in air. Motion of mirage due to planes movement. Relative geometry would remain constant and pilot was actually observing tops of new mountains or different parts of same range. Sightings are similar to that of Kenneth Arnold which occurred in June of 1947.	





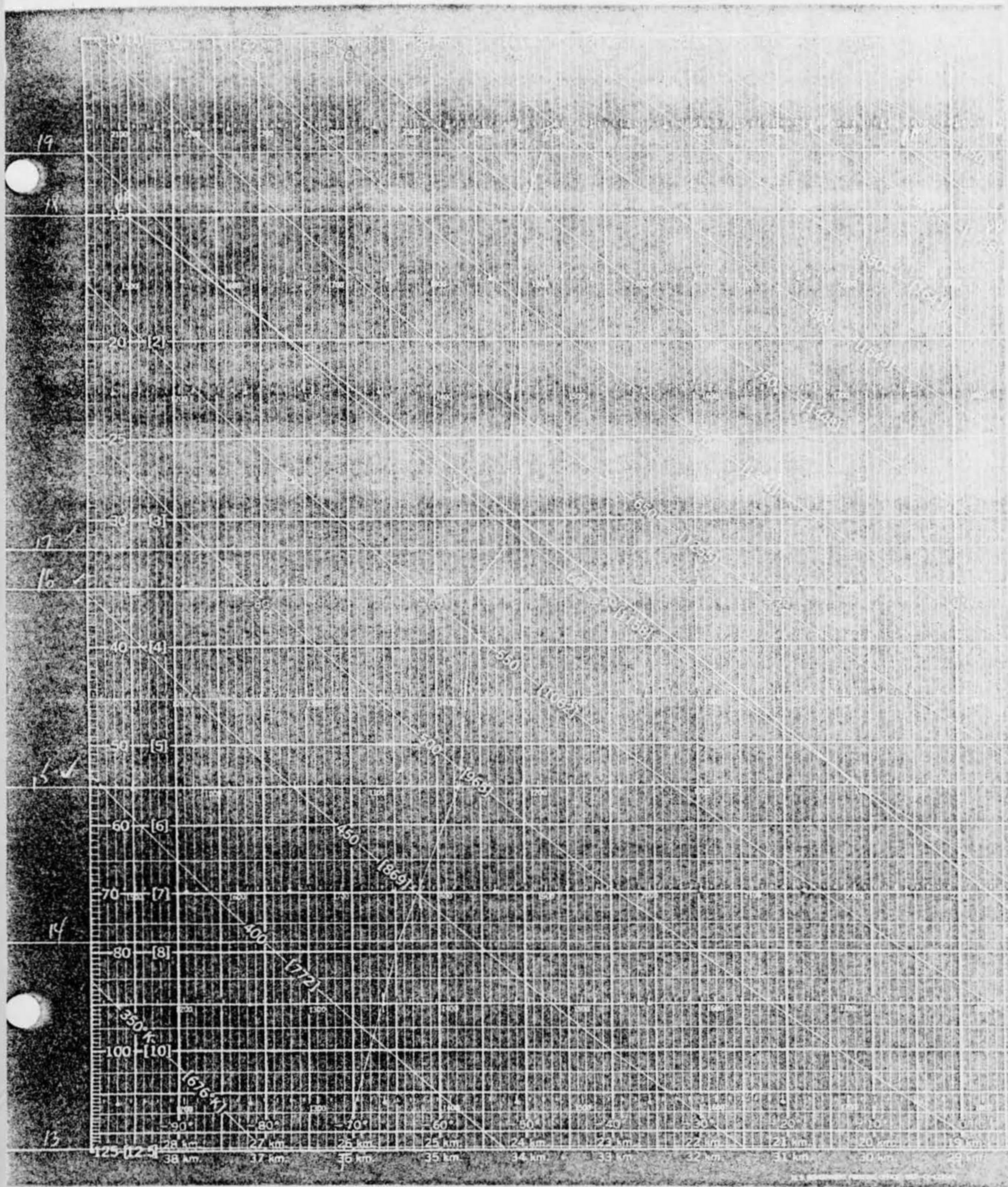
1941
 1942
 1943
 1944
 1945
 1946
 1947
 1948
 1949
 1950
 1951
 1952
 1953
 1954
 1955
 1956
 1957
 1958
 1959
 1960
 1961
 1962
 1963
 1964
 1965
 1966
 1967
 1968
 1969
 1970
 1971
 1972
 1973
 1974
 1975
 1976
 1977
 1978
 1979
 1980
 1981
 1982
 1983
 1984
 1985
 1986
 1987
 1988
 1989
 1990
 1991
 1992
 1993
 1994
 1995
 1996
 1997
 1998
 1999
 2000
 2001
 2002
 2003
 2004
 2005
 2006
 2007
 2008
 2009
 2010
 2011
 2012
 2013
 2014
 2015
 2016
 2017
 2018
 2019
 2020
 2021
 2022
 2023
 2024
 2025
 2026
 2027
 2028
 2029
 2030
 2031
 2032
 2033
 2034
 2035
 2036
 2037
 2038
 2039
 2040
 2041
 2042
 2043
 2044
 2045
 2046
 2047
 2048
 2049
 2050
 2051
 2052
 2053
 2054
 2055
 2056
 2057
 2058
 2059
 2060
 2061
 2062
 2063
 2064
 2065
 2066
 2067
 2068
 2069
 2070
 2071
 2072
 2073
 2074
 2075
 2076
 2077
 2078
 2079
 2080
 2081
 2082
 2083
 2084
 2085
 2086
 2087
 2088
 2089
 2090
 2091
 2092
 2093
 2094
 2095
 2096
 2097
 2098
 2099
 2100
 2101
 2102
 2103
 2104
 2105
 2106
 2107
 2108
 2109
 2110
 2111
 2112
 2113
 2114
 2115
 2116
 2117
 2118
 2119
 2120
 2121
 2122
 2123
 2124
 2125
 2126
 2127
 2128
 2129
 2130
 2131
 2132
 2133
 2134
 2135
 2136
 2137
 2138
 2139
 2140
 2141
 2142
 2143
 2144
 2145
 2146
 2147
 2148
 2149
 2150
 2151
 2152
 2153
 2154
 2155
 2156
 2157
 2158
 2159
 2160
 2161
 2162
 2163
 2164
 2165
 2166
 2167
 2168
 2169
 2170
 2171
 2172
 2173
 2174
 2175
 2176
 2177
 2178
 2179
 2180
 2181
 2182
 2183
 2184
 2185
 2186
 2187
 2188
 2189
 2190
 2191
 2192
 2193
 2194
 2195
 2196
 2197
 2198
 2199
 2200
 2201
 2202
 2203
 2204
 2205
 2206
 2207
 2208
 2209
 2210
 2211
 2212
 2213
 2214
 2215
 2216
 2217
 2218
 2219
 2220
 2221
 2222
 2223
 2224
 2225
 2226
 2227
 2228
 2229
 2230
 2231
 2232
 2233
 2234
 2235
 2236
 2237
 2238
 2239
 2240
 2241
 2242
 2243
 2244
 2245
 2246
 2247
 2248
 2249
 2250
 2251
 2252
 2253
 2254
 2255
 2256
 2257
 2258
 2259
 2260
 2261
 2262
 2263
 2264
 2265
 2266
 2267
 2268
 2269
 2270
 2271
 2272
 2273
 2274
 2275
 2276
 2277
 2278
 2279
 2280
 2281
 2282
 2283
 2284
 2285
 2286
 2287
 2288
 2289
 2290
 2291
 2292
 2293
 2294
 2295
 2296
 2297
 2298
 2299
 2300
 2301
 2302
 2303
 2304
 2305
 2306
 2307
 2308
 2309
 2310
 2311
 2312
 2313
 2314
 2315
 2316
 2317
 2318
 2319
 2320
 2321
 2322
 2323
 2324
 2325
 2326
 2327
 2328
 2329
 2330
 2331
 2332
 2333
 2334
 2335
 2336
 2337
 2338
 2339
 2340
 2341
 2342
 2343
 2344
 2345
 2346
 2347
 2348
 2349
 2350
 2351
 2352
 2353
 2354
 2355
 2356
 2357
 2358
 2359
 2360
 2361
 2362
 2363
 2364
 2365
 2366
 2367
 2368
 2369
 2370
 2371
 2372
 2373
 2374
 2375
 2376
 2377
 2378
 2379
 2380
 2381
 2382
 2383
 2384
 2385
 2386
 2387
 2388
 2389
 2390
 2391
 2392
 2393
 2394
 2395

CIVILIAN TRANSPORTED	MILITARY TRANSPORTED

[illegible]

DATE AND RELEASE TIME			
DATE	TIME	DATE	TIME
11/16/84	09:00	11/16/84	08:30
11/16/84	08:00	11/16/84	07:30

1990-1991



ADIABATIC CHART

[illegible]

100

LEGEND FOR CONSTANT PRESSURE BLOCKS			
DATA A: TRANSMITTER	DATA A: ENTERED ON PUMPER CARD		
DATA B: PRESSURE	Direction (ft/min)	Temperature (°C)	
DATA C: PRESSURE	Direction (ft/min)	Temperature (°C)	
DATA D: PRESSURE	Direction (ft/min)	Temperature (°C)	
DATA E: PRESSURE	Direction (ft/min)	Temperature (°C)	
DATA F: PRESSURE	Direction (ft/min)	Temperature (°C)	
DATA G: PRESSURE	Direction (ft/min)	Temperature (°C)	
DATA H: PRESSURE	Direction (ft/min)	Temperature (°C)	
DATA I: PRESSURE	Direction (ft/min)	Temperature (°C)	
DATA J: PRESSURE	Direction (ft/min)	Temperature (°C)	
DATA K: PRESSURE	Direction (ft/min)	Temperature (°C)	
DATA L: PRESSURE	Direction (ft/min)	Temperature (°C)	
DATA M: PRESSURE	Direction (ft/min)	Temperature (°C)	
DATA N: PRESSURE	Direction (ft/min)	Temperature (°C)	
DATA O: PRESSURE	Direction (ft/min)	Temperature (°C)	
DATA P: PRESSURE	Direction (ft/min)	Temperature (°C)	
DATA Q: PRESSURE	Direction (ft/min)	Temperature (°C)	
DATA R: PRESSURE	Direction (ft/min)	Temperature (°C)	
DATA S: PRESSURE	Direction (ft/min)	Temperature (°C)	
DATA T: PRESSURE	Direction (ft/min)	Temperature (°C)	
DATA U: PRESSURE	Direction (ft/min)	Temperature (°C)	
DATA V: PRESSURE	Direction (ft/min)	Temperature (°C)	
DATA W: PRESSURE	Direction (ft/min)	Temperature (°C)	
DATA X: PRESSURE	Direction (ft/min)	Temperature (°C)	
DATA Y: PRESSURE	Direction (ft/min)	Temperature (°C)	
DATA Z: PRESSURE	Direction (ft/min)	Temperature (°C)	

LEGEND FOR PLOTTED CURVES

1991

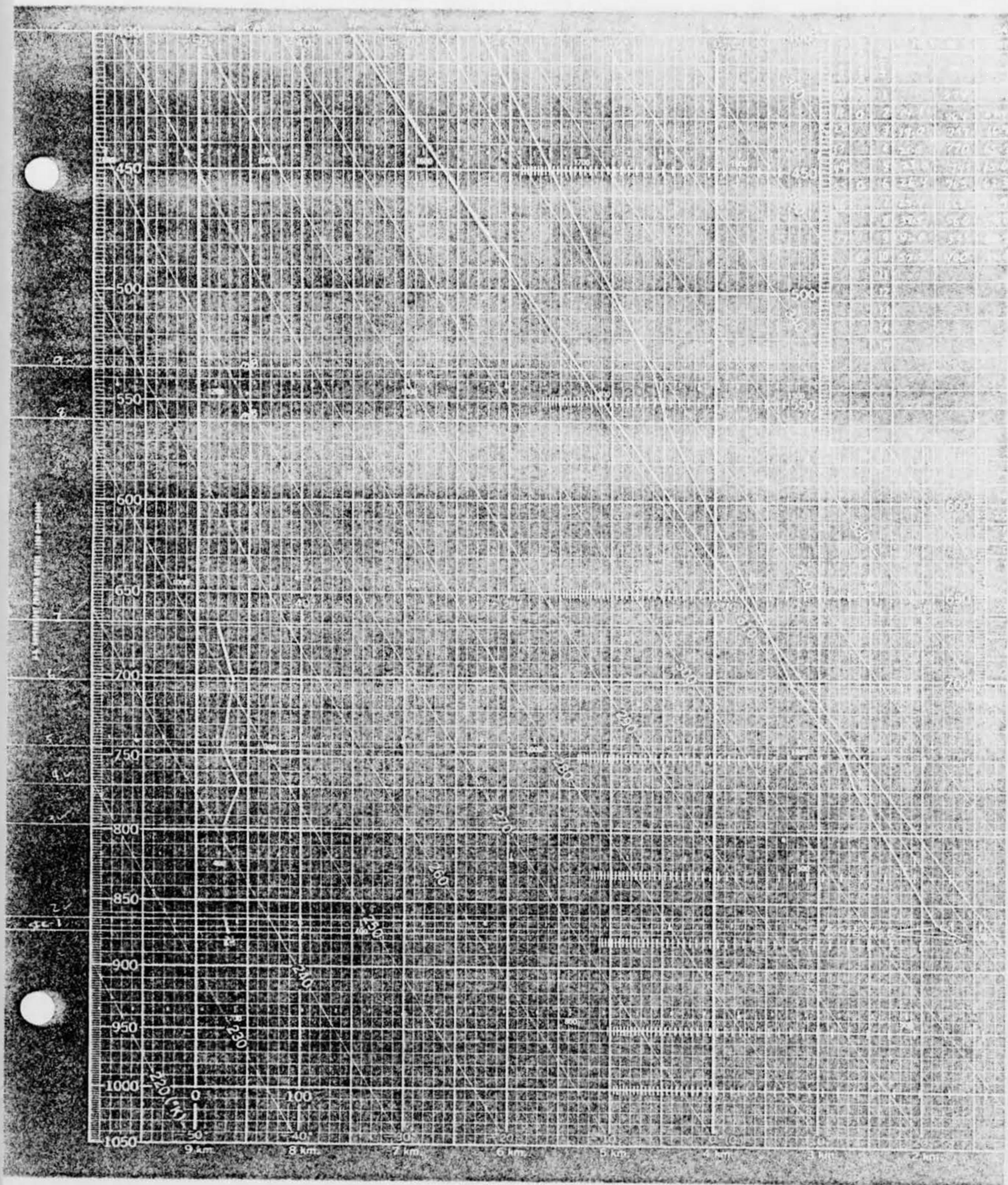
Reverend

100

DATE AND RELEASE TIME				
	Year	Month	Day	Time
126955	1951	OCT	18	04:00
126957	1951	OCT	18	11:00

Radioactive No. 126952X Antineutron No. 52

Radiation No. 126952X Acceptor No. 521



DATA BLOCK A

Constant Pressure Blocks

W Form 810-10A (Revised 5-60)

WBAN 31A

U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU

ADIABATIC CHART

BASELINE CHECK READINGS

Time	TEMPERATURE		
	Barometric	Dry	Wet
2245	71.5	26.1	22.1
Time	RELATIVE HUMIDITY		
	Barometric	Dry	Wet
81.3	70	72	72

CODED MESSAGE FOR TRANSMISSION

57	2305	55502	20011	0745
1003	07573	0202	50717	1040
07310	10415	7237	07917	015
33505	07130	55342	077X5	07136
2011	0410	07133	15005	15075
07221	10107	55551	07311	22555
0054	23057	10114	21021	2770
1636	1770	002	14175	1514
59701	07116	1668	01107	101
1446	5556	1011	21512	21022

REMARKS

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD
TEMP	Barometric Temp
REL HUM	Relative Humidity (%)
WIND	Direction (degrees) and Force (knots)

LEGEND FOR PLOTTED CURVES

PT - Pressure, RH - Relative Humidity, T - Temperature, W - Wind

DATE AND RELEASE TIME

Date	Month	Day	Time
10	1961	5	165
10	1961	5	2305

Station	
Observer	
Time	

SURFACE OBSERVATION AT RELEASE

PRESSURE			CONTACT	
Station	Pressure	Altitude	Time	Remarks
1003	0.11	0	2305	1040
TEMPERATURE		RELATIVE HUMIDITY		WIND
Barometric	Dry	Barometric	Dry	Direction and Force
71.5	26.1	70	72	1040
CLOUDS AND WEATHER				
1040				

PUNCHED CARD NO. 1

PUNCHED CARD NO. 2

PUNCHED CARD NO. 3

PUNCHED CARD NO. 4

PUNCHED CARD NO. 5

PUNCHED CARD NO. 6

PUNCHED CARD NO. 7

PUNCHED CARD NO. 8

PUNCHED CARD NO. 9

PUNCHED CARD NO. 10

PUNCHED CARD NO. 11

PUNCHED CARD NO. 12

PUNCHED CARD NO. 13

PUNCHED CARD NO. 14

PUNCHED CARD NO. 15

PUNCHED CARD NO. 16

PUNCHED CARD NO. 17

PUNCHED CARD NO. 18

PUNCHED CARD NO. 19

PUNCHED CARD NO. 20

PUNCHED CARD NO. 21

PUNCHED CARD NO. 22

PUNCHED CARD NO. 23

PUNCHED CARD NO. 24

PUNCHED CARD NO. 25

PUNCHED CARD NO. 26

PUNCHED CARD NO. 27

PUNCHED CARD NO. 28

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

PUNCHED CARD NO. 41

PUNCHED CARD NO. 42

PUNCHED CARD NO. 43

PUNCHED CARD NO. 44

PUNCHED CARD NO. 45

PUNCHED CARD NO. 46

PUNCHED CARD NO. 47

PUNCHED CARD NO. 48

PUNCHED CARD NO. 49

PUNCHED CARD NO. 50

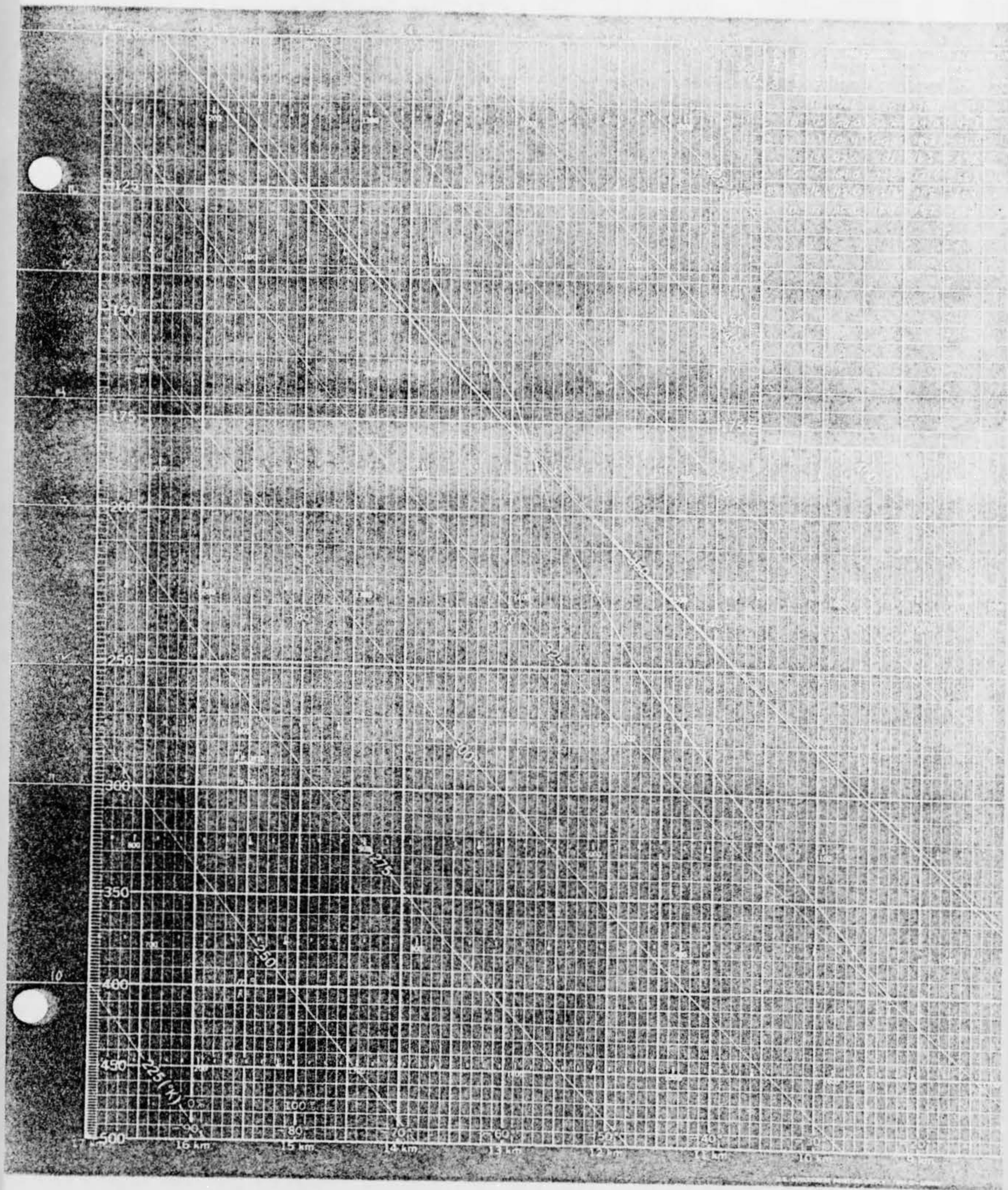
PUNCHED CARD NO. 51

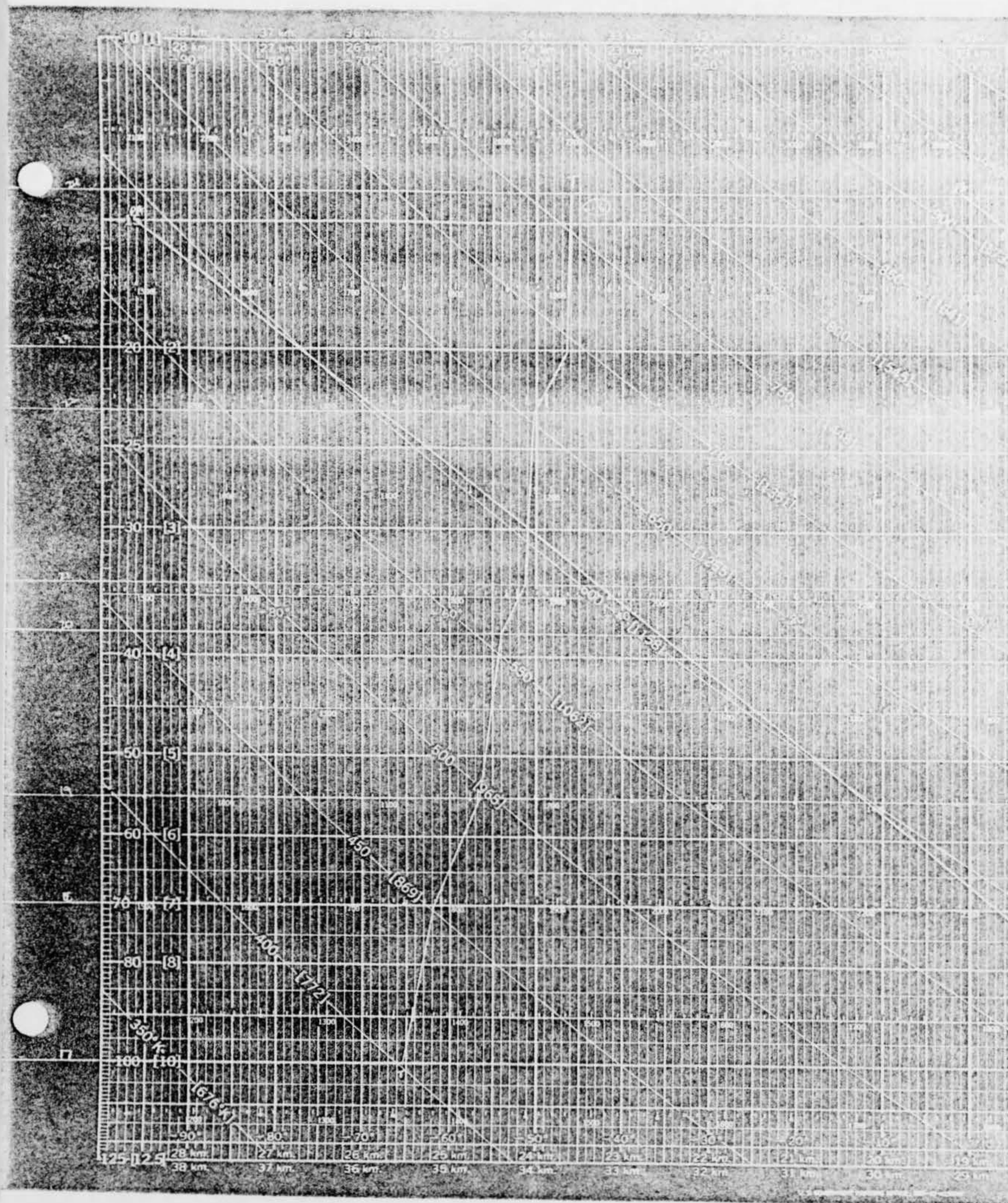
PUNCHED CARD NO. 52

PUNCHED CARD NO. 53

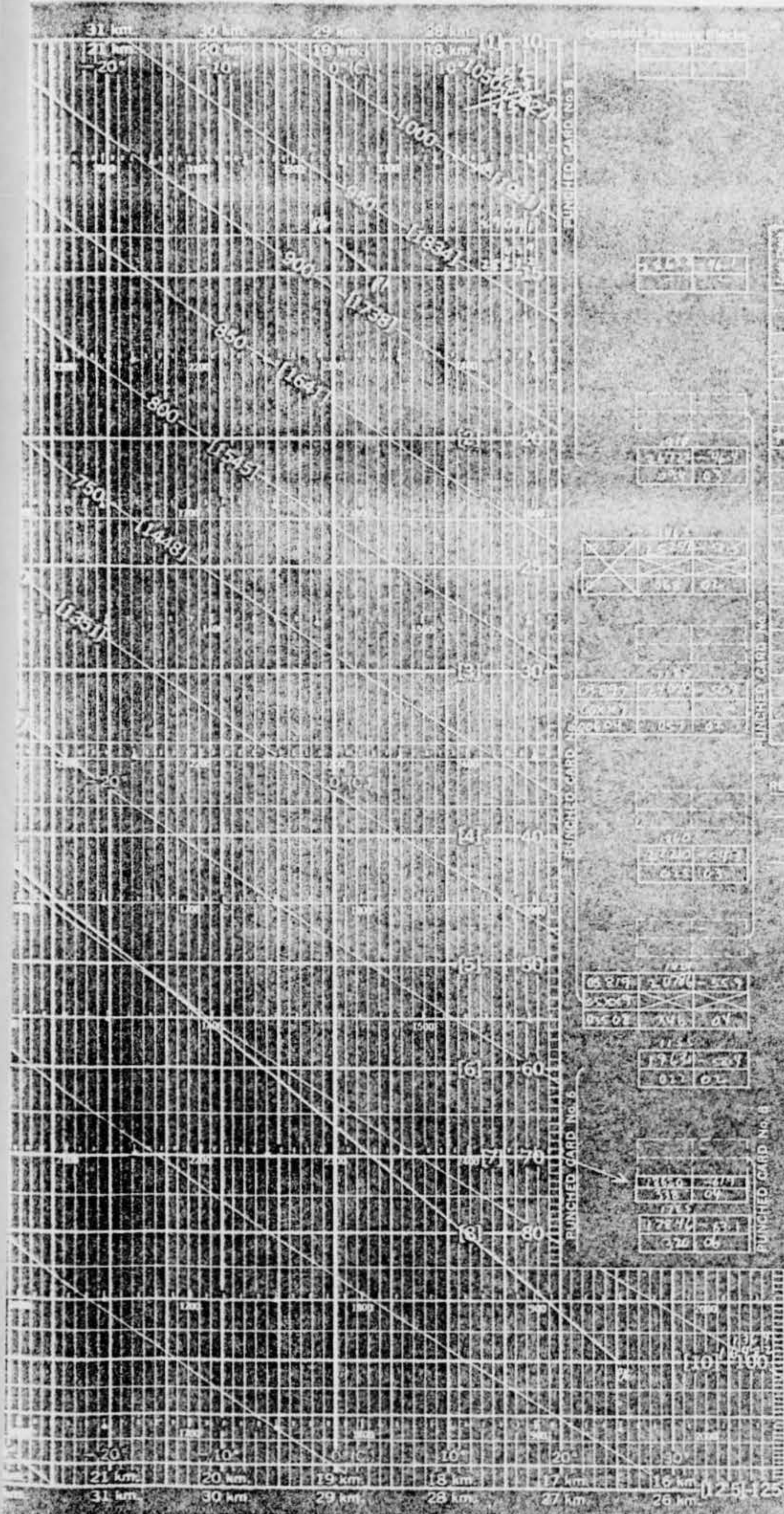
PUNCHED CARD NO. 54

PUNCHED CARD NO. 55





U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU
ADIABATIC CHART



Pressure	Temperature
1000	10
950	15
900	20
850	25
800	30
750	35
700	40
650	45
600	50
550	55
500	60
450	65
400	70
350	75
300	80
250	85
200	90
150	95
100	100

Pressure	Temperature
1000	10
950	15
900	20
850	25
800	30
750	35
700	40
650	45
600	50
550	55
500	60
450	65
400	70
350	75
300	80
250	85
200	90
150	95
100	100

Pressure	Temperature
1000	10
950	15
900	20
850	25
800	30
750	35
700	40
650	45
600	50
550	55
500	60
450	65
400	70
350	75
300	80
250	85
200	90
150	95
100	100

Pressure	Temperature
1000	10
950	15
900	20
850	25
800	30
750	35
700	40
650	45
600	50
550	55
500	60
450	65
400	70
350	75
300	80
250	85
200	90
150	95
100	100

Pressure	Temperature
1000	10
950	15
900	20
850	25
800	30
750	35
700	40
650	45
600	50
550	55
500	60
450	65
400	70
350	75
300	80
250	85
200	90
150	95
100	100

Pressure	Temperature
1000	10
950	15
900	20
850	25
800	30
750	35
700	40
650	45
600	50
550	55
500	60
450	65
400	70
350	75
300	80
250	85
200	90
150	95
100	100

Pressure	Temperature
1000	10
950	15
900	20
850	25
800	30
750	35
700	40
650	45
600	50
550	55
500	60
450	65
400	70
350	75
300	80
250	85
200	90
150	95
100	100

Pressure	Temperature
1000	10
950	15
900	20
850	25
800	30
750	35
700	40
650	45
600	50
550	55
500	60
450	65
400	70
350	75
300	80
250	85
200	90
150	95
100	100

		DATA BLOCK C											
TIME	ALTITUDE	PRESSURE		TEMPERATURE				WIND		HUMIDITY		REMARKS	
		Observed	Reduced	Observed	Sea Surface	Atmos	Corrected	Observed	Direction				
18	1000	70	150	65									
19	1500	5	140	75									
20	2000	32	135	29									
21	2500	31	130	27									
22	3000	23	125	26									
23	3500	20	120	25									
24	4000	18	115	24							1001		
25	4500	17	110	23									
26	5000	16	105	22									
27	5500	15	100	21									
28	6000	14	95	20									
29	6500	13	90	19									
30	7000	12	85	18									
31	7500	11	80	17									
32	8000	10	75	16									
33	8500	9	70	15									
34	9000	8	65	14									
35	9500	7	60	13									
36	10000	6	55	12									
37	10500	5	50	11									
38	11000	4	45	10									
39	11500	3	40	9									
40	12000	2	35	8									
41	12500	1	30	7									
42	13000	0	25	6									
43	13500	0	20	5									
44	14000	0	15	4									
45	14500	0	10	3									
46	15000	0	5	2									
47	15500	0	0	1									
48	16000	0	0	0									
49	16500	0	0	0									
50	17000	0	0	0									
51	17500	0	0	0									
52	18000	0	0	0									
53	18500	0	0	0									
54	19000	0	0	0									
55	19500	0	0	0									
56	20000	0	0	0									
57	20500	0	0	0									
58	21000	0	0	0									
59	21500	0	0	0									
60	22000	0	0	0									
61	22500	0	0	0									
62	23000	0	0	0									
63	23500	0	0	0									
64	24000	0	0	0									
65	24500	0	0	0									
66	25000	0	0	0									
67	25500	0	0	0									
68	26000	0	0	0									
69	26500	0	0	0									
70	27000	0	0	0									
71	27500	0	0	0									
72	28000	0	0	0									
73	28500	0	0	0									
74	29000	0	0	0									
75	29500	0	0	0									
76	30000	0	0	0									
77	30500	0	0	0									
78	31000	0	0	0									
79	31500	0	0	0									
80	32000	0	0	0									
81	32500	0	0	0									
82	33000	0	0	0									
83	33500	0	0	0									
84	34000	0	0	0									
85	34500	0	0	0									
86	35000	0	0	0									
87	35500	0	0	0									
88	36000	0	0	0									
89	36500	0	0	0									
90	37000	0	0	0									
91	37500	0	0	0									
92	38000	0	0	0									
93	38500	0	0	0									
94	39000	0	0	0									

INTELLIGENCE REPORT

INTELLIGENCE REPORT

DEPARTMENT OF THE AIR FORCE

WARNING: This material contains
information affecting the National
Defense of the United States within
the meaning of the Espionage Laws.

UNCLASSIFIED

Title 18, USC, Secs 793 and 794,
the transmission or revelation of
which in any manner to an unauthor-
ized person is prohibited by law.

COUNTRY: United States of America

REPORT NO: IR-5-61

SUBJECT: (U) UFO

DATE OF REPORT: 20 October 1961

DATE OF
INFO: 16 October 1961

REFERENCES: AFR 200-2/Complete

NO OF PAGES: 4

PLACE &

DATE ACQ: [REDACTED]

FROM: Sec & Law Enforcement Div
Hill Air Force Base, Utah

PREPARED BY: Howard W. LUCAS

EVALUATION: B-2

SOURCE: Source below named

SUMMARY:

At 0302Z hours on 17 October 1961 a report of a UFO sighting was received from [REDACTED] civilian pilot, for [REDACTED] whose address is [REDACTED] [REDACTED] reported while flying from Rangley, Colorado to Salt Lake City he sighted three objects approximately ten miles east of Jensen, Utah (40-23N, 109-08W). [REDACTED] altitude was 7500 feet at the time of sighting. He climbed to 8500 feet on a level with the objects which were west of him. Visibility at Hill Air Force Base at the time was clear, visibility fifteen miles, ceiling unlimited, wind calm. As [REDACTED] approached the objects they raised straight up and then moved on a slight angle upward and moved away at a very high speed. The objects disappeared in the south, southwest, approximately 210° in a minute and a half.

.....

1. At 0302Z hours, 17 October 1961, [REDACTED] reported that at 0100Z hours 17 October 1961 he sighted three objects approximately ten miles east of Jensen, Utah. As he flew toward the objects they appeared motionless in the sky at 8500 feet. [REDACTED] was flying at 7500 feet, raised to 8500 on a level with the objects and as he neared them approximately five miles, they raised and disappeared in a south, southwest direction in a minute and a half. [REDACTED] checked with the Myton Range Control (40-10N, 110 06W) at 0102Z hours. Myton Range Control reported no aircraft in area and had no sighting of objects.

DISTRIBUTION BY ORIGINATOR: FTD-E 3 cys

DISTRIBUTION BY HQ USAF
CIA

UNCLASSIFIED

ARMY

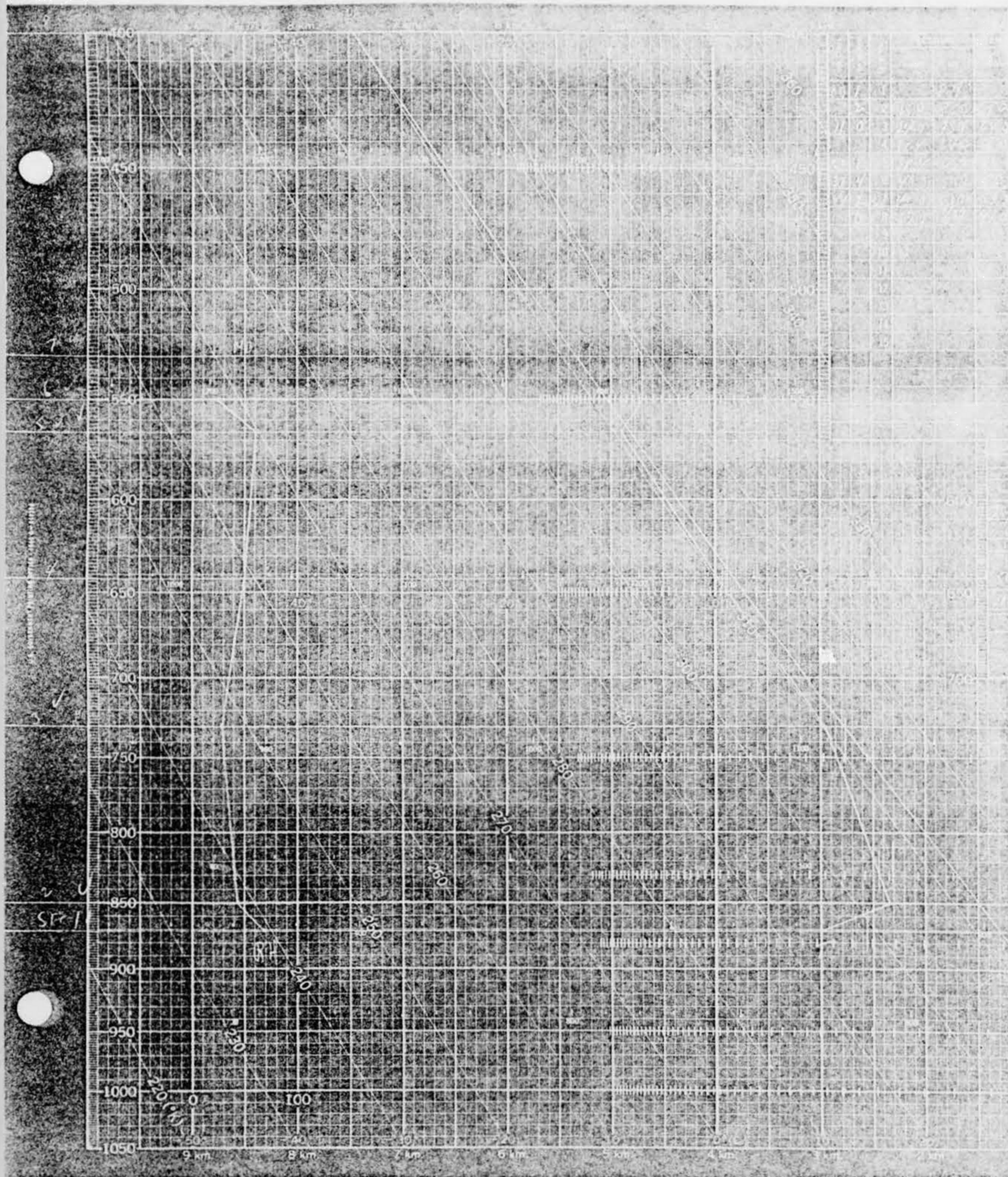
NAVY

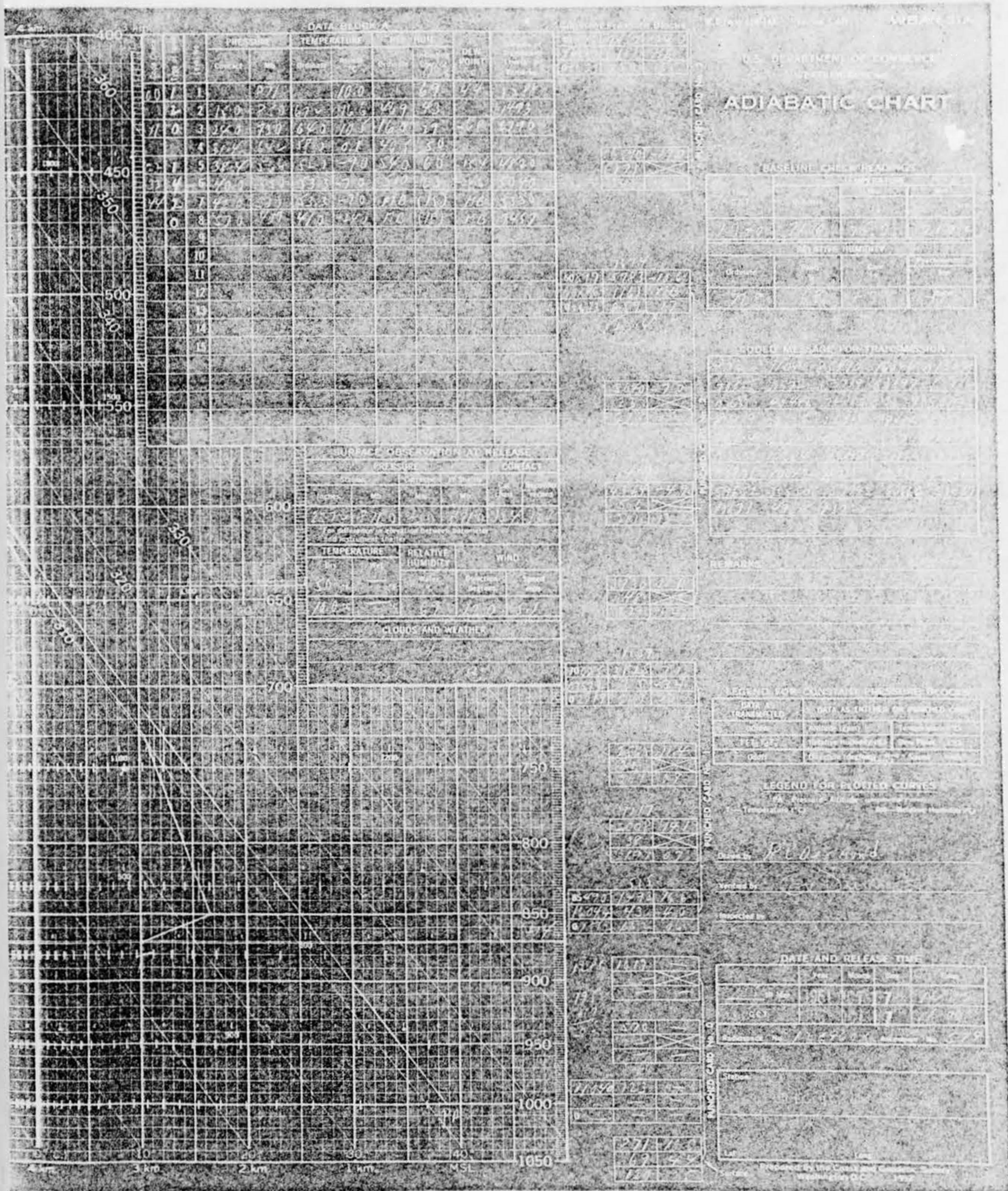
NSA

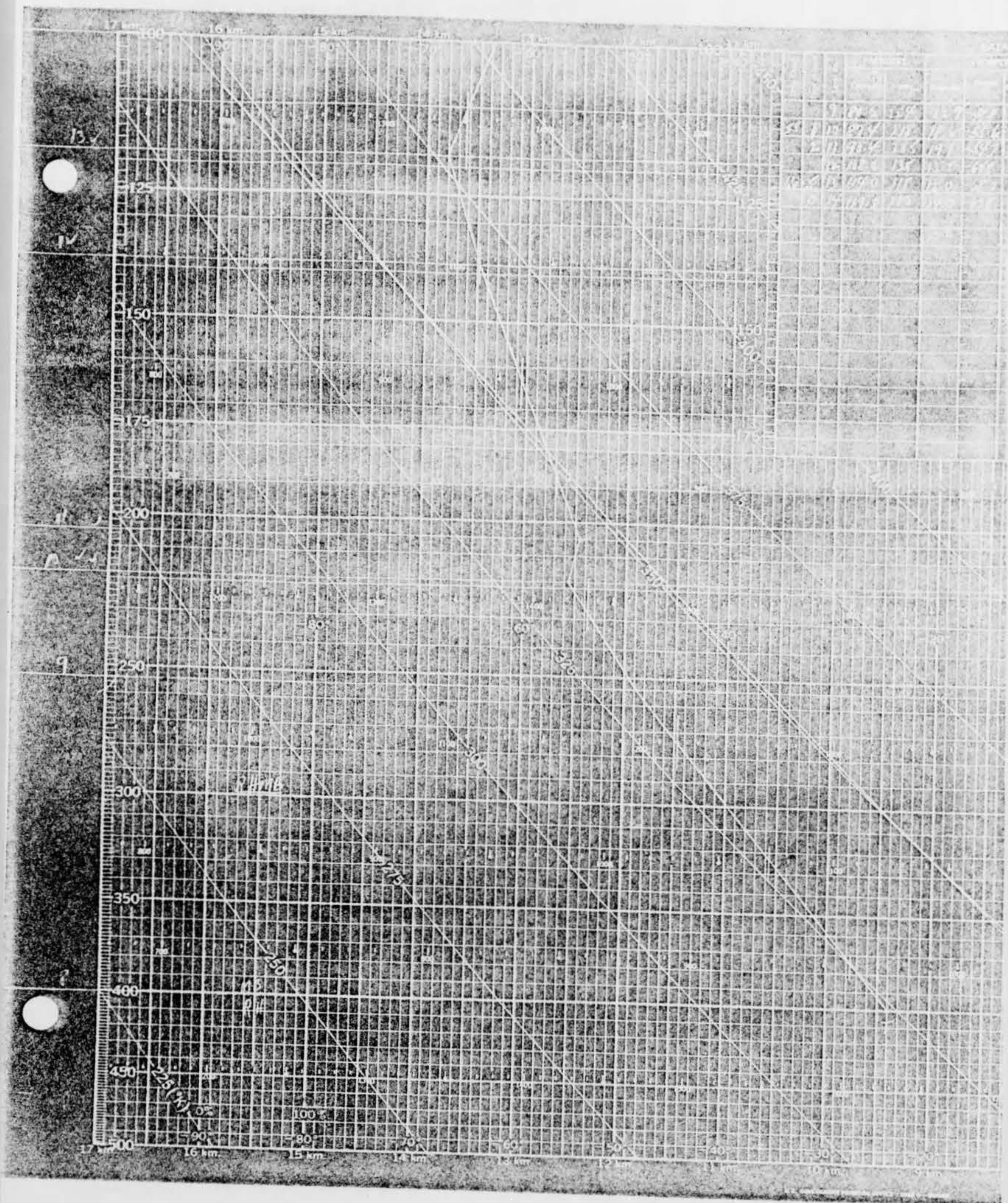
INTELLIGENCE REPORT

INTELLIGENCE REPORT

This format is used in lieu of AF Form 112 which is not available.



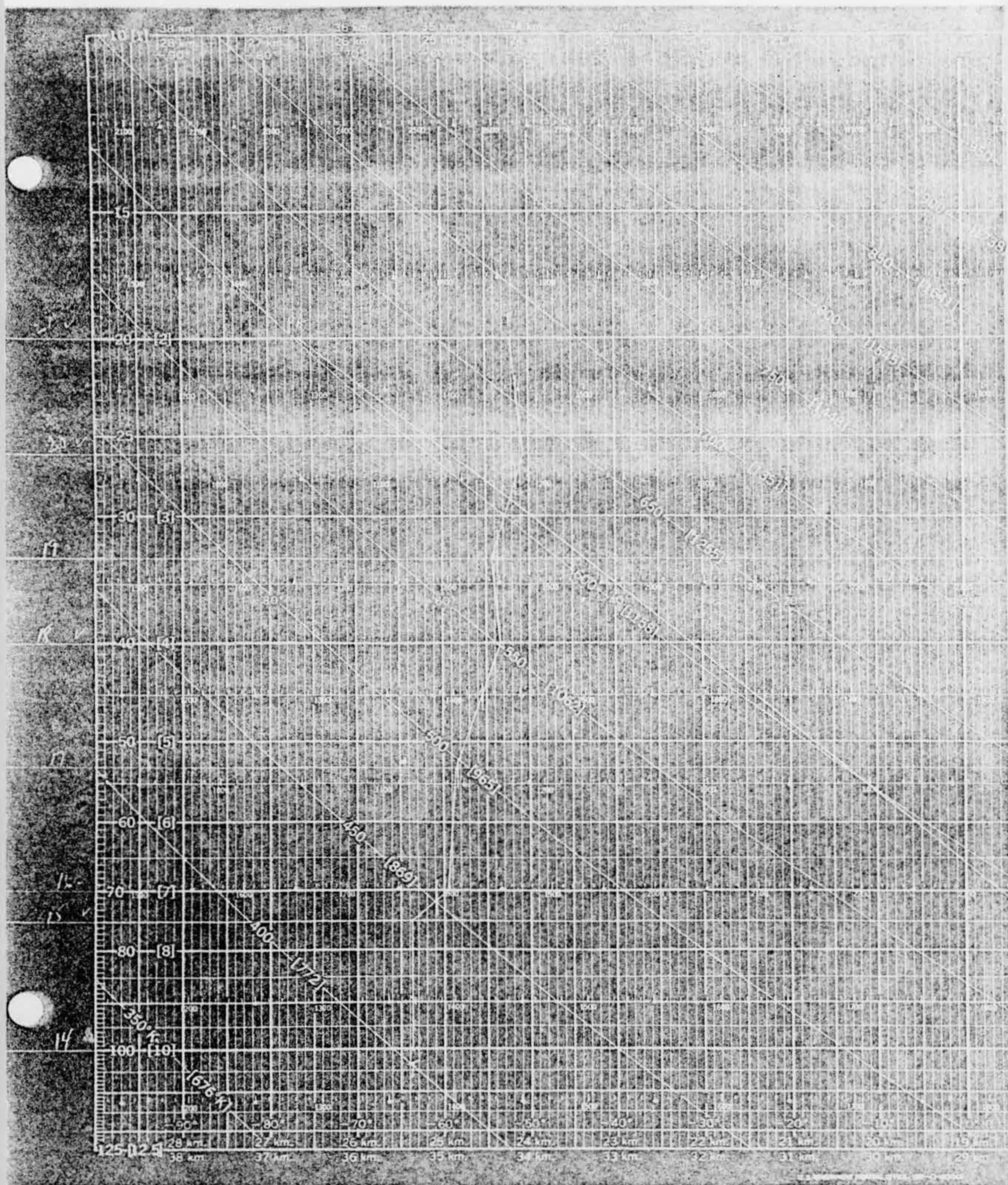


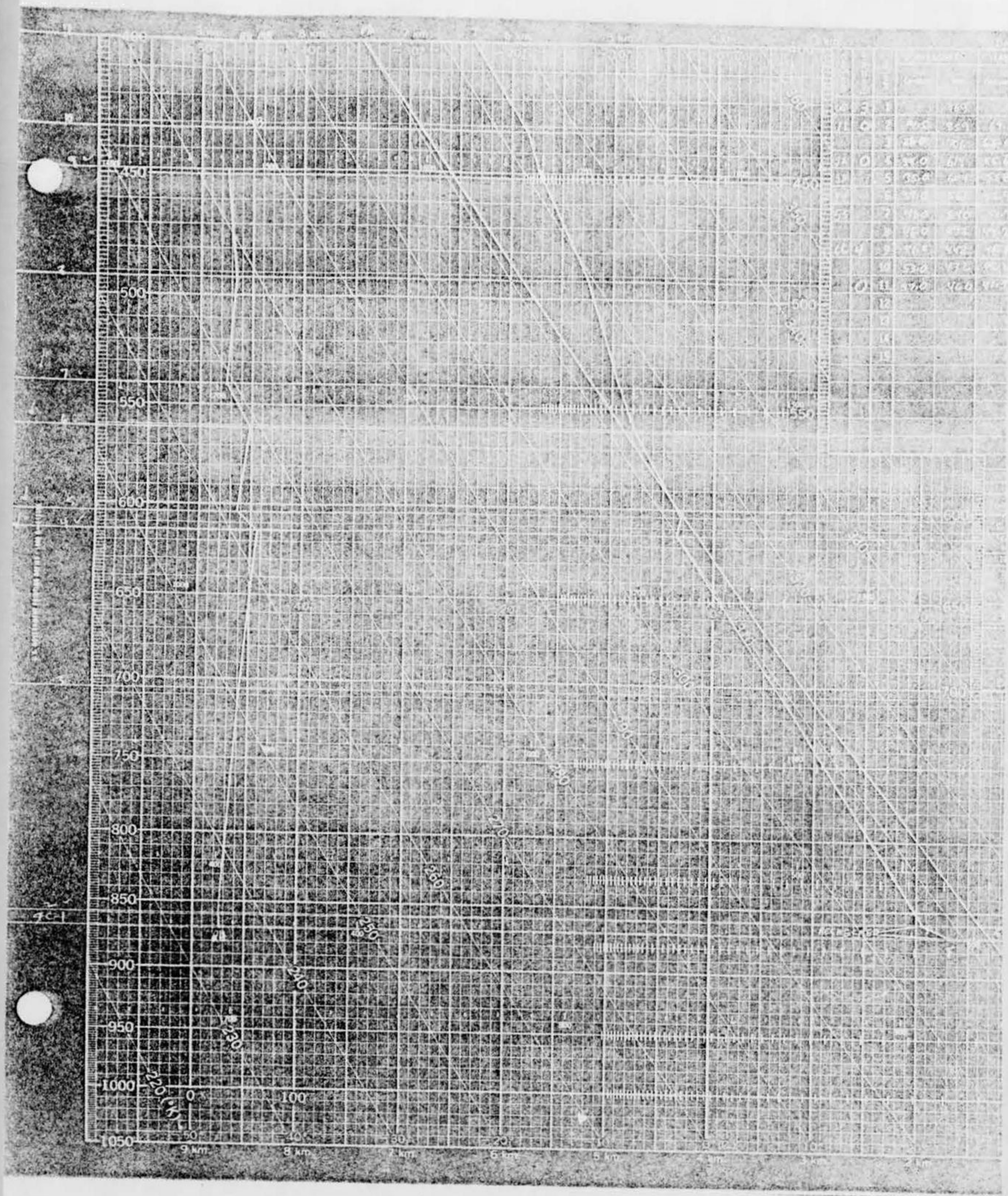


ADIABATIC CHART

Source: *Journal of the American Statistical Association*, 93(463), 1303-1312.

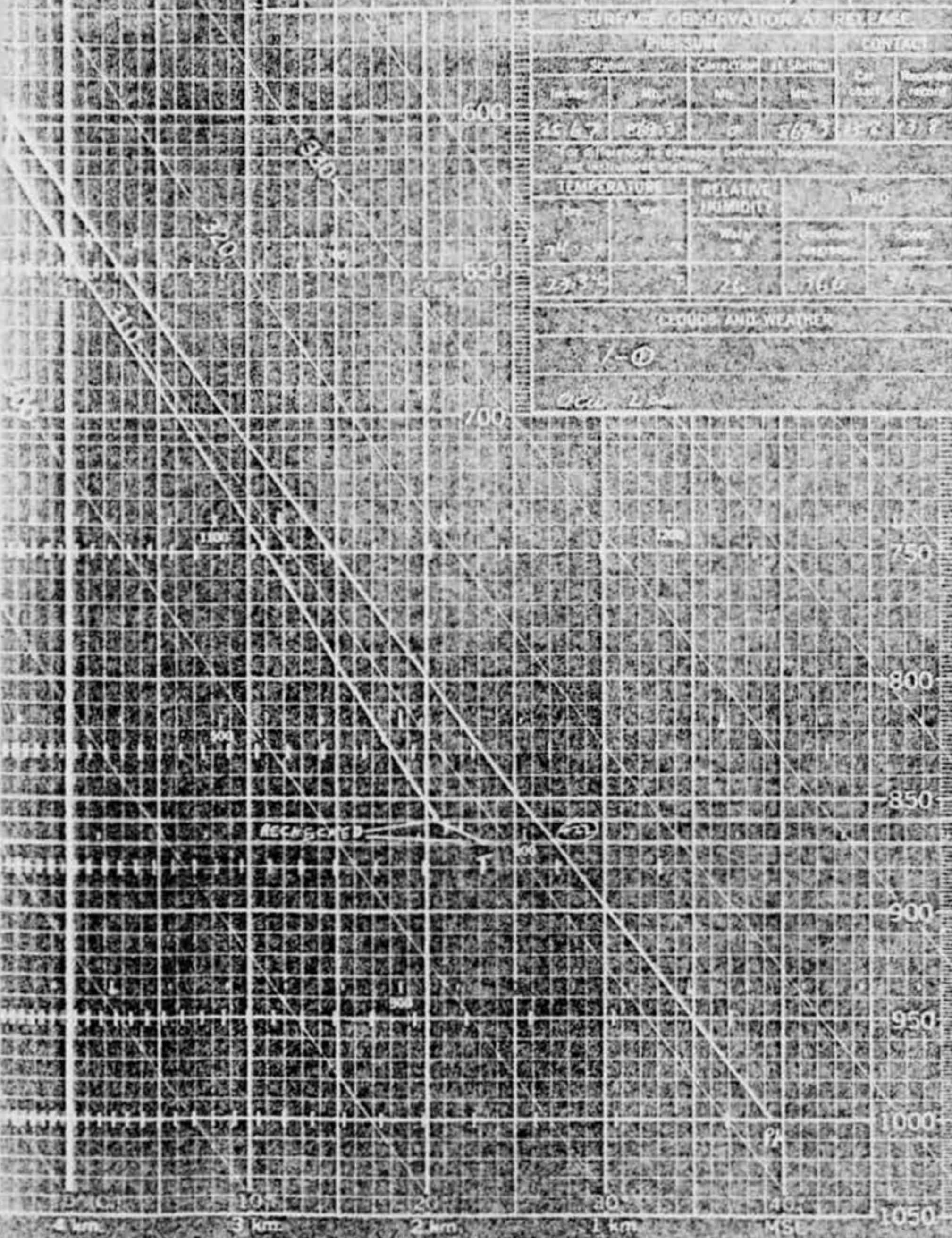
1992





DATA BLOCK 1

STATION	ELEVATION	PRESSURE		TEMPERATURE		REL. HUM.		WIND	WIND DIR.	WIND SPC.	WIND DIR. (true)	WIND SPC. (true)	WIND DIR. (true) SPC.
		Obs.	Red.	Obs.	Red.	Obs.	Red.						
01	3	1		76.9		75.0		26	0.1				
02	3	1		76.9		75.0		26	0.1				
03	3	1		76.9		75.0		26	0.1				
04	3	1		76.9		75.0		26	0.1				
05	3	1		76.9		75.0		26	0.1				
06	3	1		76.9		75.0		26	0.1				
07	3	1		76.9		75.0		26	0.1				
08	3	1		76.9		75.0		26	0.1				
09	3	1		76.9		75.0		26	0.1				
10	3	1		76.9		75.0		26	0.1				
11	3	1		76.9		75.0		26	0.1				
12	3	1		76.9		75.0		26	0.1				
13	3	1		76.9		75.0		26	0.1				
14	3	1		76.9		75.0		26	0.1				
15	3	1		76.9		75.0		26	0.1				
16	3	1		76.9		75.0		26	0.1				
17	3	1		76.9		75.0		26	0.1				
18	3	1		76.9		75.0		26	0.1				
19	3	1		76.9		75.0		26	0.1				
20	3	1		76.9		75.0		26	0.1				
21	3	1		76.9		75.0		26	0.1				
22	3	1		76.9		75.0		26	0.1				
23	3	1		76.9		75.0		26	0.1				
24	3	1		76.9		75.0		26	0.1				
25	3	1		76.9		75.0		26	0.1				
26	3	1		76.9		75.0		26	0.1				
27	3	1		76.9		75.0		26	0.1				
28	3	1		76.9		75.0		26	0.1				
29	3	1		76.9		75.0		26	0.1				
30	3	1		76.9		75.0		26	0.1				
31	3	1		76.9		75.0		26	0.1				
32	3	1		76.9		75.0		26	0.1				
33	3	1		76.9		75.0		26	0.1				
34	3	1		76.9		75.0		26	0.1				
35	3	1		76.9		75.0		26	0.1				
36	3	1		76.9		75.0		26	0.1				
37	3	1		76.9		75.0		26	0.1				
38	3	1		76.9		75.0		26	0.1				
39	3	1		76.9		75.0		26	0.1				
40	3	1		76.9		75.0		26	0.1				
41	3	1		76.9		75.0		26	0.1				
42	3	1		76.9		75.0		26	0.1				
43	3	1		76.9		75.0		26	0.1				
44	3	1		76.9		75.0		26	0.1				
45	3	1		76.9		75.0		26	0.1				
46	3	1		76.9		75.0		26	0.1				
47	3	1		76.9		75.0		26	0.1				
48	3	1		76.9		75.0		26	0.1				
49	3	1		76.9		75.0		26	0.1				
50	3	1		76.9		75.0		26	0.1				
51	3	1		76.9		75.0		26	0.1				
52	3	1		76.9		75.0		26	0.1				
53	3	1		76.9		75.0		26	0.1				
54	3	1		76.9		75.0		26	0.1				
55	3	1		76.9		75.0		26	0.1				
56	3	1		76.9		75.0		26	0.1				
57	3	1		76.9		75.0		26	0.1				
58	3	1		76.9		75.0		26	0.1				
59	3	1		76.9		75.0		26	0.1				
60	3	1		76.9		75.0		26	0.1				
61	3	1		76.9		75.0		26	0.1				
62	3	1		76.9		75.0		26	0.1				
63	3	1		76.9		75.0		26	0.1				
64	3	1		76.9		75.0		26	0.1				
65	3	1		76.9		75.0		26	0.1				
66	3	1		76.9		75.0		26	0.1				
67	3	1		76.9		75.0		26	0.1				
68	3	1		76.9		75.0		26	0.1				
69	3	1		76.9		75.0		26	0.1				
70	3	1		76.9		75.0		26	0.1				
71	3	1		76.9		75.0		26	0.1				
72	3	1		76.9		75.0		26	0.1				
73	3	1		76.9		75.0		26	0.1				
74	3	1		76.9		75.0		26	0.1				
75	3	1		76.9		75.0		26	0.1				
76	3	1		76.9		75.0		26	0.1				
77	3	1		76.9		75.0		26	0.1				
78	3	1		76.9		75.0		26	0.1				
79	3	1		76.9		75.0		26	0.1				
80	3	1		76.9		75.0		26	0.1				
81	3	1		76.9		75.0		26	0.1				
82	3	1		76.9		75.0		26	0.1				
83	3	1		76.9		75.0		26	0.1				
84	3	1		76.9		75.0		26	0.1				
85	3	1		76.9		75.0		26	0.1				
86	3	1		76.9		75.0		26	0.1				
87	3	1		76.9		75.0		26	0.1				
88	3	1		76.9		75.0		26	0.1				
89	3	1		76.9		75.0		26	0.1				
90	3	1		76.9		75.0		26	0.1				
91	3	1		76.9		75.0		26	0.1				
92	3	1		76.9		75.0		26	0.1				
93	3	1		76.9		75.0		26	0.1				
94	3	1		76.9		75.0		26	0.1				
95	3	1		76.9		75.0		26	0.1				
96	3	1		76.9		75.0		26	0.1				
97	3	1		76.9		75.0		26	0.1				
98	3	1		76.9		75.0		26	0.1				
99	3	1		76.9		75.0		26	0.1				
100	3	1		76.9		75.0		26	0.1				



Constant Pressure Blocks

1000	7.112	2.5.8
950	1.187	2.5.8
900	1.462	2.5.8

850	1.730	2.5.8
800	2.000	2.5.8
750	2.280	2.5.8

700	2.570	2.5.8
650	2.870	2.5.8
600	3.180	2.5.8

550	3.500	2.5.8
500	3.830	2.5.8
450	4.170	2.5.8

400	4.520	2.5.8
350	4.880	2.5.8
300	5.250	2.5.8

250	5.630	2.5.8
200	6.020	2.5.8
150	6.420	2.5.8

100	6.830	2.5.8
50	7.250	2.5.8
0	7.680	2.5.8

1000	7.112	2.5.8
950	1.187	2.5.8
900	1.462	2.5.8

850	1.730	2.5.8
800	2.000	2.5.8
750	2.280	2.5.8

700	2.570	2.5.8
650	2.870	2.5.8
600	3.180	2.5.8

550	3.500	2.5.8
500	3.830	2.5.8
450	4.170	2.5.8

400	4.520	2.5.8
350	4.880	2.5.8
300	5.250	2.5.8

250	5.630	2.5.8
200	6.020	2.5.8
150	6.420	2.5.8

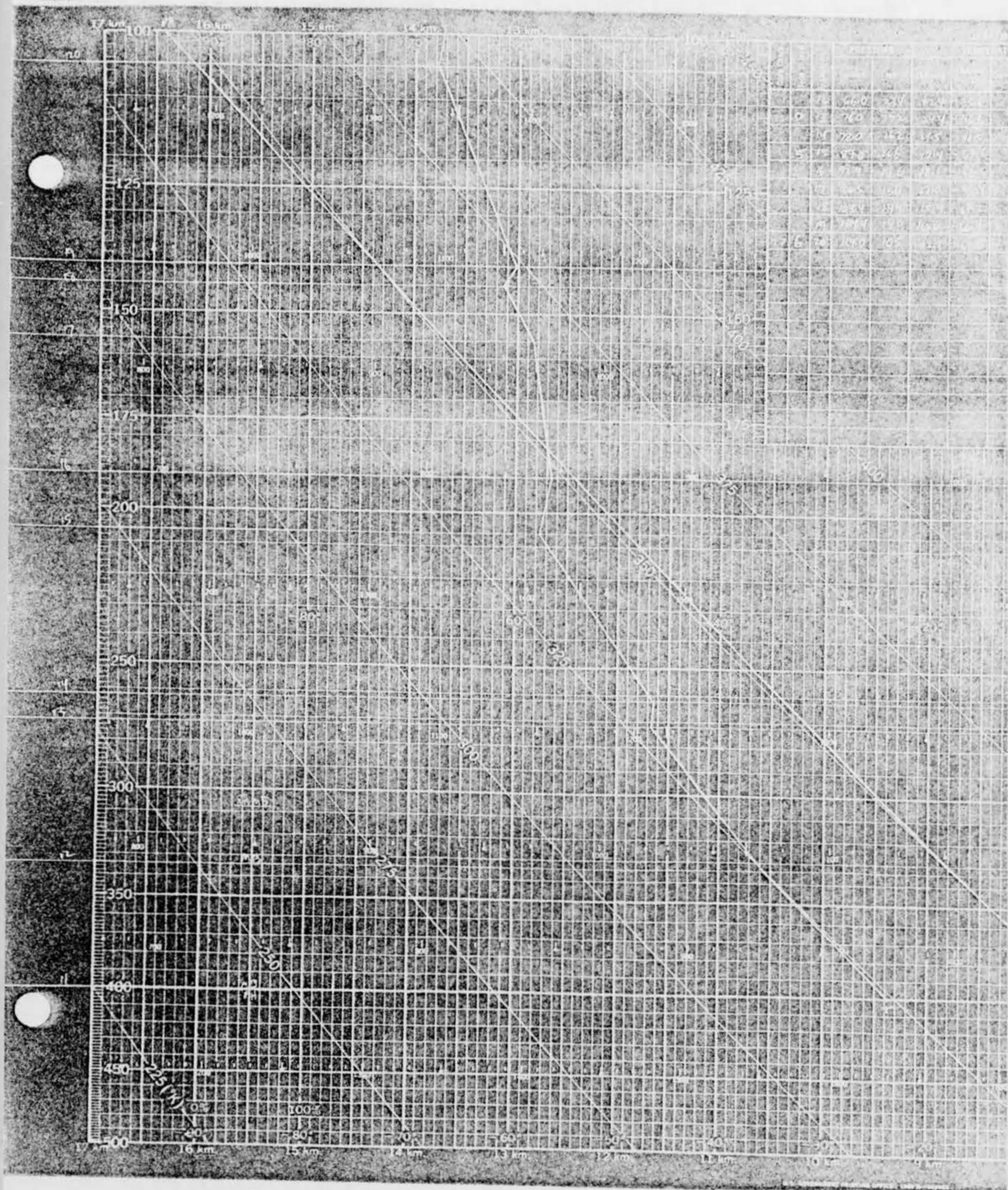
U.S. DEPARTMENT OF COMMERCE WEATHER BUREAU

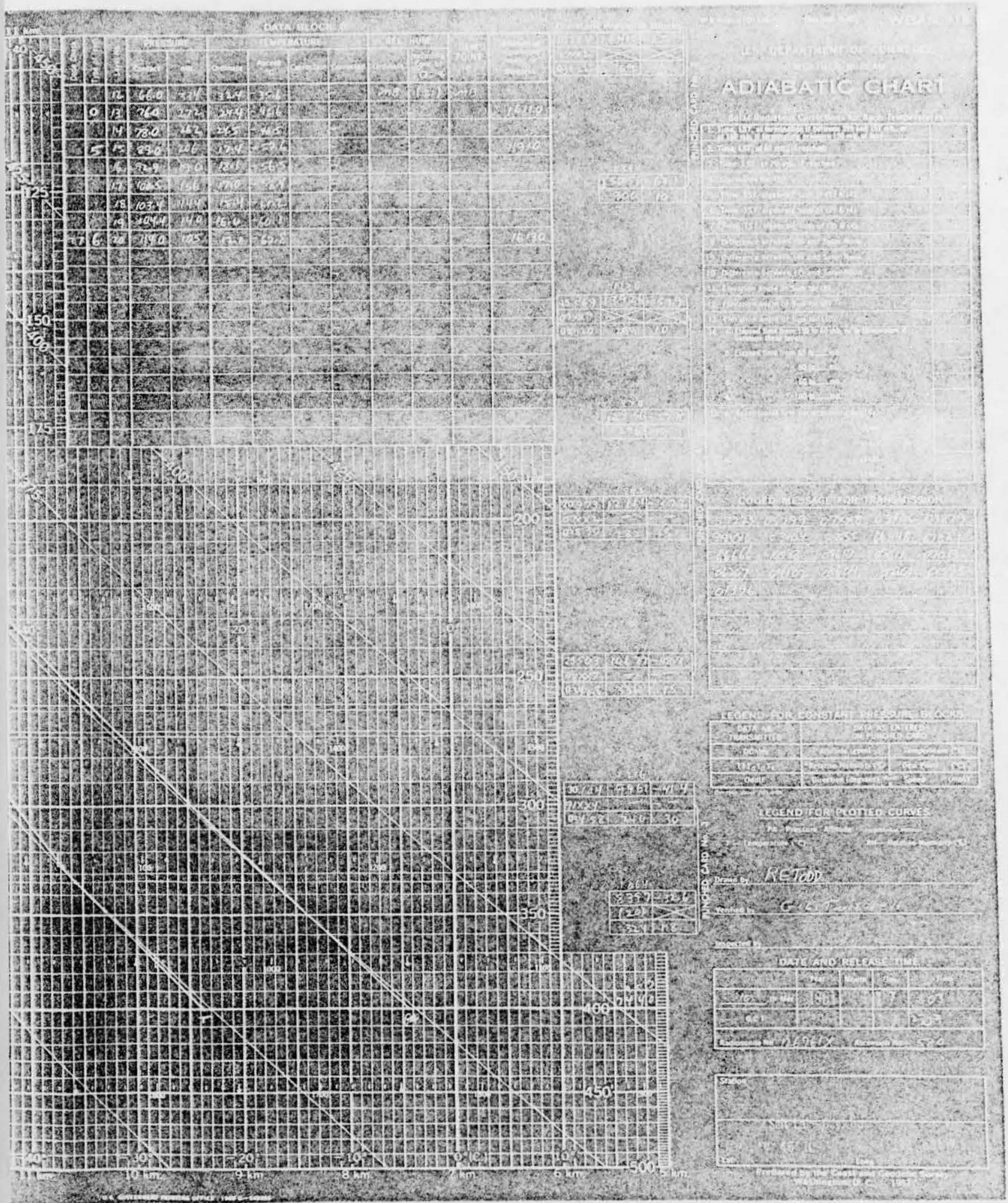
ADIABATIC CHART

BASELINE CHECK READINGS

TIME	DATE	TIME	DATE
0000	1961	0000	1961
0100	1961	0100	1961
0200	1961	0200	1961
0300	1961	0300	1961
0400	1961	0400	1961
0500	1961	0500	1961
0600	1961	0600	1961
0700	1961	0700	1961
0800	1961	0800	1961
0900	1961	0900	1961
1000	1961	1000	1961
1100	1961	1100	1961
1200	1961	1200	1961
1300	1961	1300	1961
1400	1961	1400	1961
1500	1961	1500	1961
1600	1961	1600	1961
1700	1961	1700	1961
1800	1961	1800	1961
1900	1961	1900	1961
2000	1961	2000	1961
2100	1961	2100	1961
2200	1961	2200	1961
2300	1961	2300	1961

TIME	DATE	TIME	DATE
0000	1961	0000	1961
0100	1961	0100	1961
0200	1961	0200	1961
0300	1961	0300	1961
0400	1961	0400	1961
<			





U.S. DEPARTMENT OF COMMERCE
NATIONAL BUREAU OF METEOROLOGY
ADIABATIC CHART

STATION:
DATE:
TIME:
OBSERVER:
PLOTTER:
CORRECTOR:
REVISOR:
CHECKER:
APPROVED:
TITLE:
PROJECT:
SHEET: OF

TABLE 1 - CONVERSION FACTORS

UNIT	CONVERSION FACTOR
1 in. Hg	33.86 mb
1 mb	0.030 in. Hg
1 in. Hg	2.54 cm Hg
1 cm Hg	0.394 in. Hg
1 in. Hg	33.86 hPa
1 hPa	0.030 in. Hg

LEGEND FOR CONSTANT PRESSURE SLOANS

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

LEGEND FOR PLOTTED CURVES

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

Drawn by:
Checked by:
Approved by:

DATE AND RELEASE TIME

DATE	TIME
1961	17:00

STATION:
DATE:
TIME:
OBSERVER:
PLOTTER:
CORRECTOR:
REVISOR:
CHECKER:
APPROVED:
TITLE:
PROJECT:
SHEET: OF

UNCLASSIFIED

REPORT NO: IR-5-61
PAGE 2 OF 4 PAGES
FROM: Sec & Law Enforcement
Div, Hill AFB, Utah

2. At 1630Z hours, 17 October 1961, Mr. [REDACTED] was interviewed at this location. Following is information received on the interview. The following information and answers to questions is prefaced by paragraph number of items of information requested in paragraph 15, AFR 200-2, dated 14 September 1959.

15a(1) Shape - two box shape with protruding fins at bottom and one disc shaped.

15a(2) Size - Couldn't compare size to any known object, however, stated they looked the size of a large transport aircraft in the distance. Further that he could tell the objects were not conventional aircraft.

15a(3) Color - A dull gray - no reflection.

15a(4) Number - three

15a(5) Two on same level and distance from him and the disc slightly higher and between the two box shaped objects.

15a(6) Discernible features - Fins protruding from two of them and one shaped like a disc, thin at the edges and thicker in the middle.

15a(7) Tail, trail, or exhaust - Could see none.

15a(8) Sound - No sound heard.

15a(9) Pertinent features - None observed.

15b(1) What called attention to objects: Was making observations to open flight plan after take off from Rangle, Colorado.

15b(2) Angle, elevation, azimuth - Object first sighted east of Jensen, Utah. They were west of him and he was flying on a 270° heading at 7500 feet. The objects were at approximately 8500 feet. He climbed to 8500 feet on a level with hovering objects.

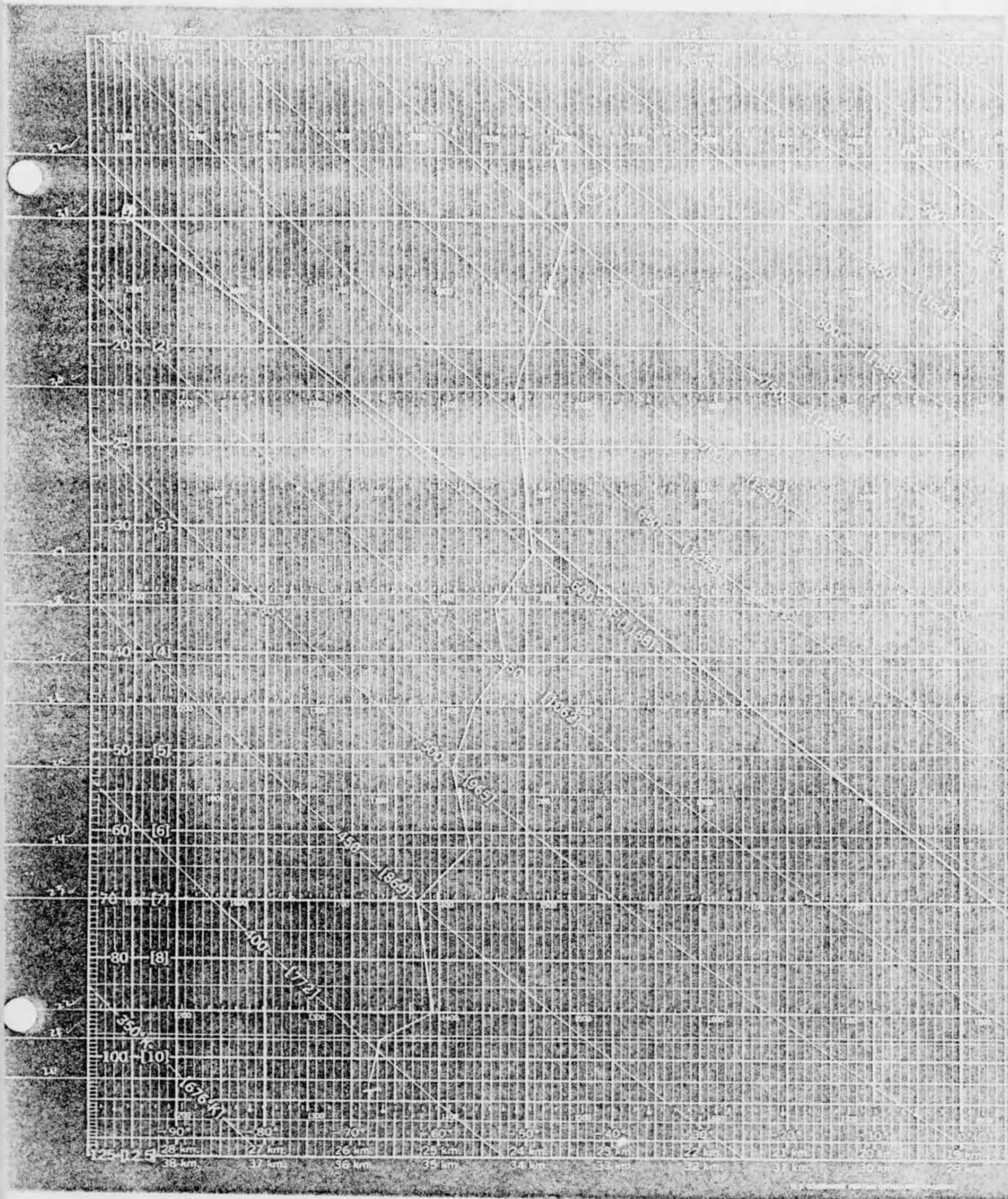
15b(3) Angle, elevation and azimuth at time of disappearance - The objects raised straight for 1000 feet and moved at high speed on a twenty degree angle upward and moved south, southwest 210° to 220° heading and disappeared in about a minute and a half.

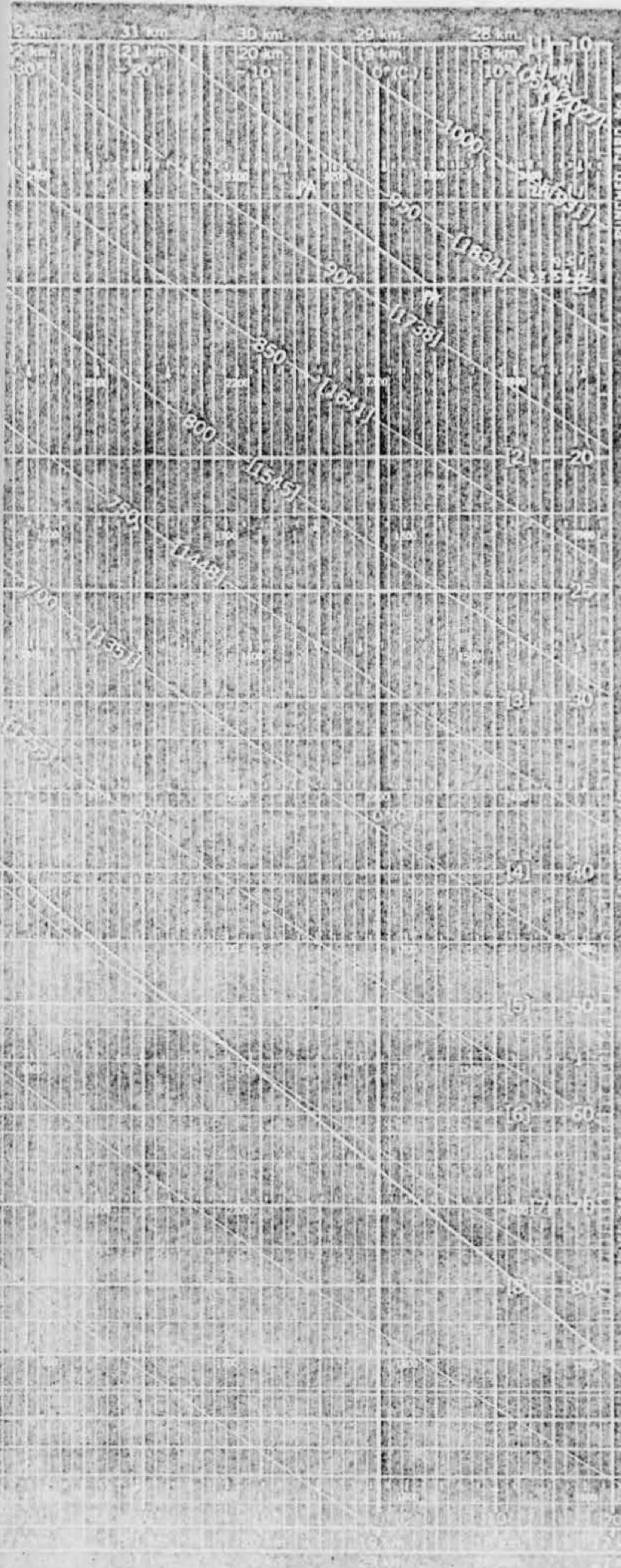
15b(4) Flight path and maneuvers - At first sighting there was no motion. Nearing objects about five miles they raised straight up and then moved at high speed in a south, southwest direction until out of sight. Acceleration was very fast and faded in the distance.

15b(5) How did the objects disappear - Climbed on a 210° heading on a slight upward angle and disappeared in about a minute. Could not estimate speed.

UNCLASSIFIED

This format is used in lieu of AF Form 112 which is not available.





Constant Pressure Block

W 8 Form 510-10C (Rev. 4-1-57)

WBAN-31C

U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU
ADIABATIC CHART

3.550 - 11.3
59.0 - 01

1.455 - 11.6
59.0 - 01

1.455 - 11.6
59.0 - 01

1.455 - 11.6
59.0 - 01

1.455 - 11.6
59.0 - 01

1.455 - 11.6
59.0 - 01

1.455 - 11.6
59.0 - 01

1.455 - 11.6
59.0 - 01

1.455 - 11.6
59.0 - 01

DATA BLOCK C

Obs. No.	Time	Type of Day	PRESSURE		TEMPERATURE		Remarks
			Correct	Obs.	Dry Bulb	Wet Bulb	
19	21	165	96	124	42		
20	22	100	90	156	42		17010
21	23	101	70	107	61.5		
22	24	160	62	10.1	56.5		
23	25	107	52	10.0	52.4		
24	26	110	45	10.7	56.0		
25	27	100	41	10.6	52.7		
26	28	105	36	10.9	53.5		
27	29	107	32	10.6	49.4		
28	30	105	22	10.4	51.2		
29	31	107	15	10.2	47.8		
30	32	100	13	10.1	44.7		2751

REMARKS:

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS ENTERED ON PUNCHED CARD
Correct	Observed
Wet Bulb	Wet Bulb
Wet Bulb	Wet Bulb

LEGEND FOR PLOTTED CURVES
 TA - Pressure (mb)
 TB - Temperature (°F)

By: R. E. Todd
 Date: 12/12/61
 Time: 11:00

DATE AND RELEASE TIME

Year	Month	Day	Hour	Minute
1961	12	12	11	00

Signature: [Blank]
 Title: [Blank]

UNCLASSIFIED

REPORT NO: IR-5-61
PAGE 3 OF 4 PAGES
FROM: Sec & Law Enforcement
Div, Hill AFB, Utah

15b(6) How long objects visible - About three minutes.

15c(1) Manner of observation - Naked eye.

15c(2) Optical aids - None

15c(3) Airborne sighting - Flying a Piper Comanche Serial Number [REDACTED], at an altitude of 7500 feet on a 270° heading at an indicated airspeed of 120 miles per hour. The aircraft is based at Salt Lake Municipal Airport Number 1.

15d(1) Time and date of sighting - 0100Z hours, 17 October 1961.

15d(2) Light conditions - Sunset. Sun was down but not dark.

15e(1) Location of observer - Flying at 7500 feet on a 270 degree heading toward objects. Reportedly flying within five miles of objects. Stated objects were ten miles east of Jensen, Utah, about six miles south of US Highway 40.

15f Information on observer - [REDACTED] appeared to be an emotionally stable person about forty years old, and gave a clear, consistent report on the sighting. Has several years of flying experience and holds a private pilot's license. Has been flying for the company for a year and a half.

9. Following is the balance of information forwarded in compliance with AFR 200-2:

15g(1) Weather and winds - Stated the weather was clear with no cloud cover. Could not determine any wind if any while flying.

15g(2) Weather and winds - Hill Air Force Base weather reported weather at time of sighting was clear. Information received from Salt Lake Weather Bureau - Wind at 6000 feet - 290° at 10 knots, 10,000 feet 290° at 10 knots, 16,000 feet at 270° at 10 knots, 20,000 feet 280° at 10 knots, 30,000 feet 180° at 25 knots.

15g(3) Ceiling - Unlimited.

15g(4) Visibility - fifteen miles.

15g(5) Cloud cover - None

15g(6) Thunderstorm - None reported.

15g(7) Temperature - 67 degrees F., Dew point 40 degrees F.

15h Unusual activity or condition - None

UNCLASSIFIED

This format is used in lieu of AF Form 112 which is not available.

UNCLASSIFIED

REPORT NO: IR-5-61

PAGE 4 OF 4 PAGES

FROM: Sec & Law Enforcement
Div, Hill AFB, Utah

15i Interception or identification - Observer sighted objects while flying from Rangley Colorado to Salt Lake City, Utah. Due to the lapse of time from sighting to reporting time and the geographical location of sighting no aircraft dispatched. Observer was alone in aircraft.

15j Air Traffic and balloon releases - Myton Range Control reported no aircraft in area.

15k The preparing officer is an Investigator GS-5, Security and Law Enforcement Division, Hill Air Force Base, Utah. Preliminary analysis indicates the observer is a logical and mature person. He is convinced the objects were not conventional type aircraft. No leads nor clues were developed that would lead to the identity of the objects. He consistently described the maneuvers and flight path of the objects and also the shape of the objects. The observer was the only reported witness to this sighting. There are no known manufacturers of experimental type aircraft in this area and no known missile firings are being conducted other than static tests. With the submission of this report, it is believed that all local efforts to identify the objects have been exhausted.

Howard W. Lucas
HOWARD W. LUCAS
Security Specialist, GS-5
Internal Security Branch

APPROVED:

Charles W. Brion
CHARLES W. BRION
Major, USAF
Chief, Security & Law
Enforcement Division

UNCLASSIFIED

This format is used in lieu of AF Form 112 which is not available.

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

REPLY TO
ATTN OF: CCDDP

SUBJECT: Radiosonde Data for Salt Lake City

12 January 1962

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

1. Reference: Your telephone request 0930 EST, 12 January 1962.
2. We are sending photocopies of adiabatic charts (WEAN-31) for soundings taken at Salt Lake City, Utah on 16-18 October 1961.
3. December 1961 data have not been received, but we have asked the checking center at Tinker AFB to send you photocopies or the originals to us for copying as follows:

Adiabatic charts (WEAN-31) for 20-22 December for soundings taken at Eglin AFB and Cape San Blas, Florida/Site D-3. These are the closest rawinsonde locations to Panama City.

FOR THE DIRECTOR

Pallas L. Tyne
PALLAS L. TYNE, JR.
Captain, USAF
Administrative Officer

Atch
Radiosonde data f/Salt Lake City

JENSEN, UTAH, 16 Oct 61

CASE includes twelve (12)

ADIABATIC CHARTS

