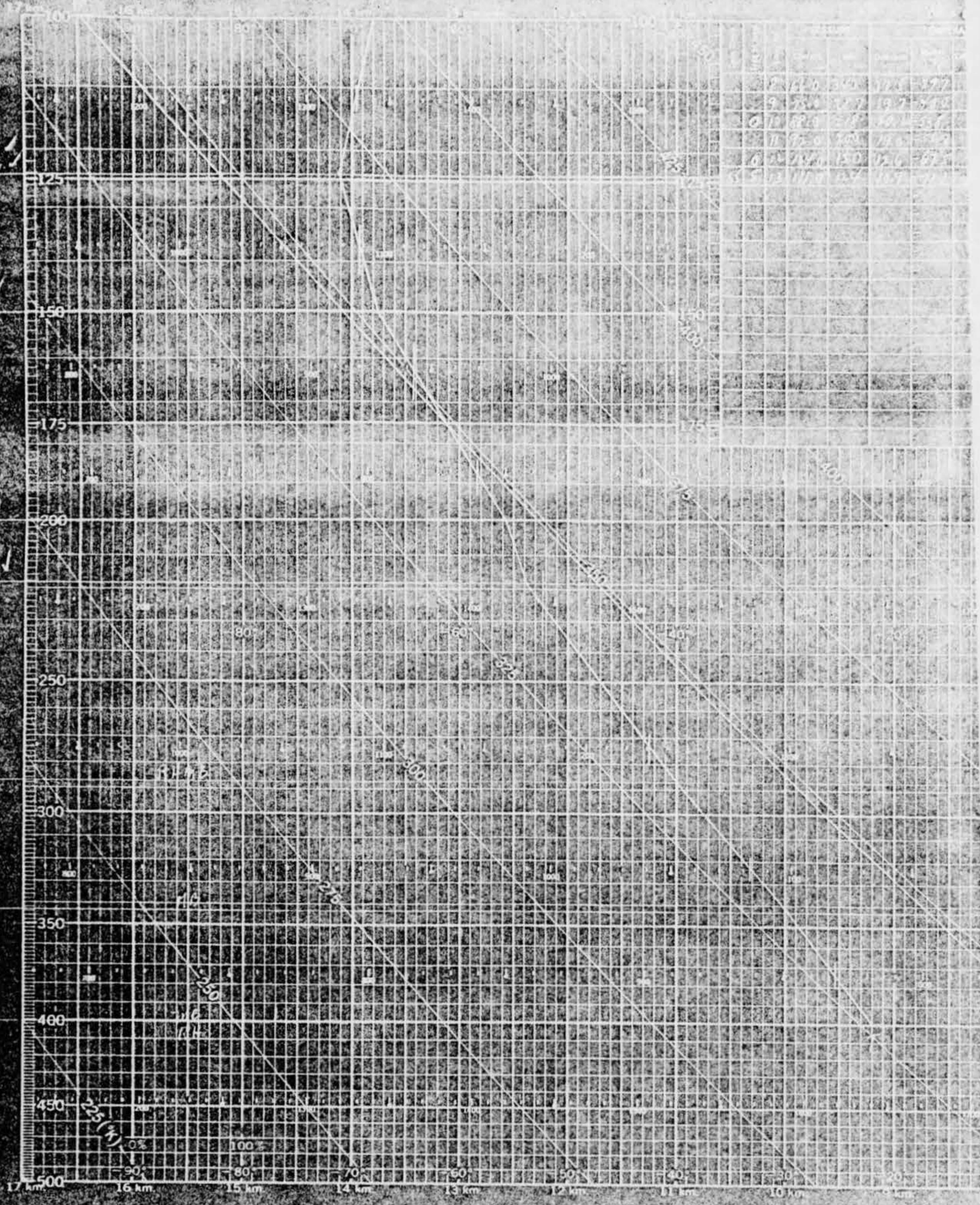


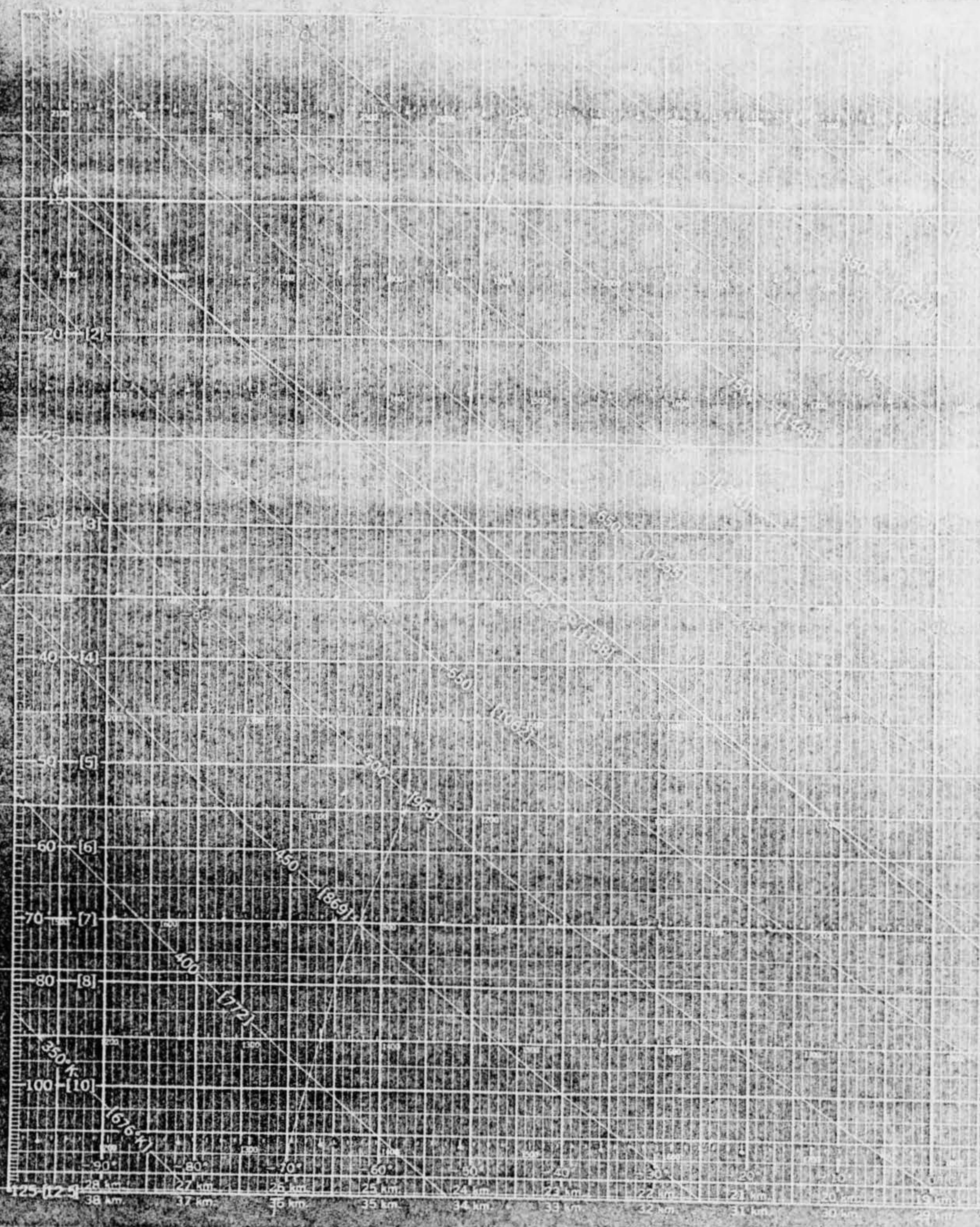
PROJECT 10073 RECORD CARD

1. DATE 16 Oct 1961	2. LOCATION Jensen, Utah	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 <input type="checkbox"/> Was Astronomical <input type="checkbox"/> Probably Astronomical <input type="checkbox"/> Possibly Astronomical <input checked="" type="checkbox"/> Other, <u>Probably mirage</u> <input type="checkbox"/> Insufficient Data for Evaluation <input type="checkbox"/> Unknown
3. DATE-TIME GROUP Local _____ GMT 17/0100	4. TYPE OF OBSERVATION <input type="checkbox"/> Ground-Visual <input type="checkbox"/> Ground-Radar <input checked="" type="checkbox"/> Air-Visual <input type="checkbox"/> Air-Intercept Radar	
5. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. SOURCE <u>Military 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.

ATIC FORM 329 (REV 26 SEP 52)

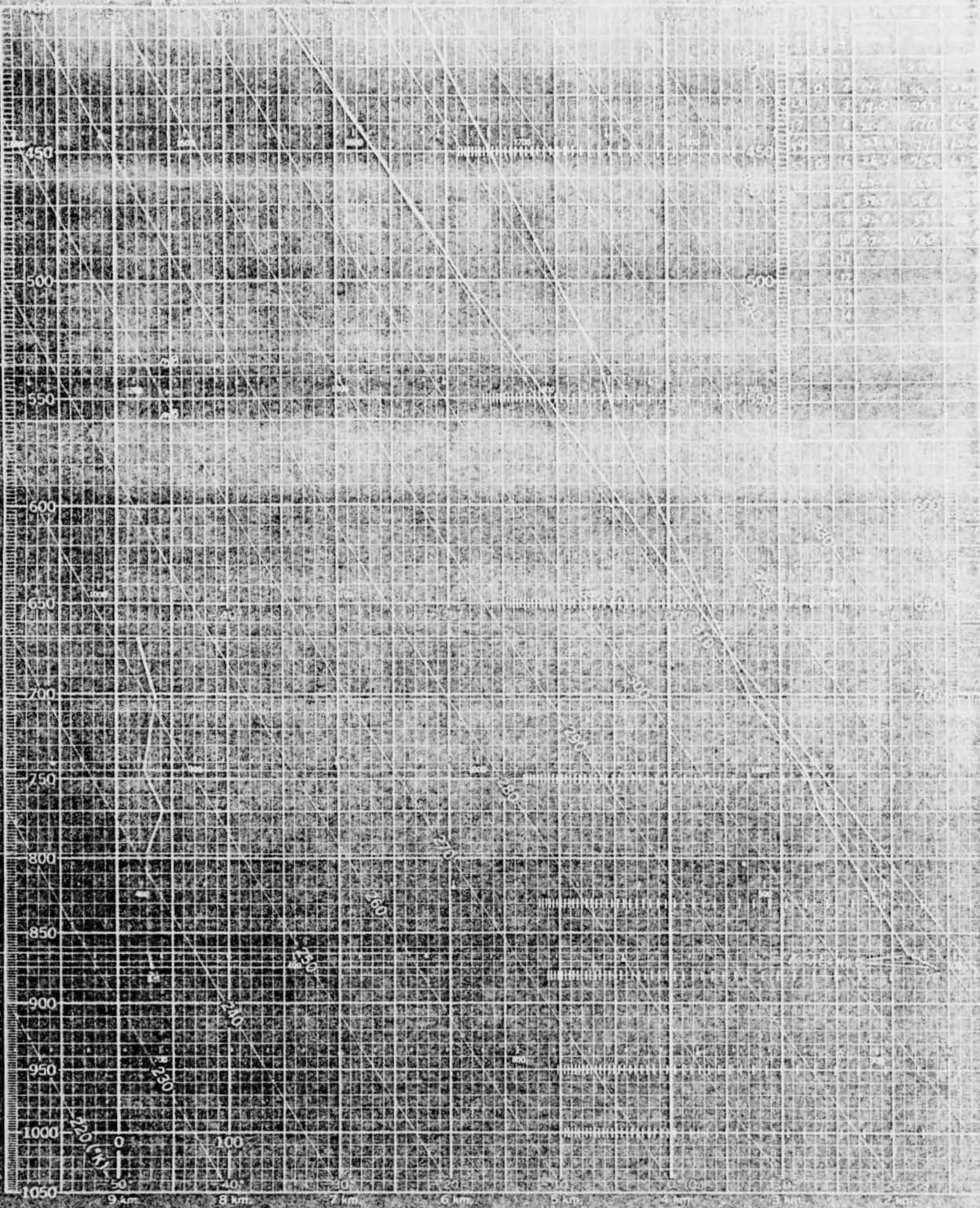


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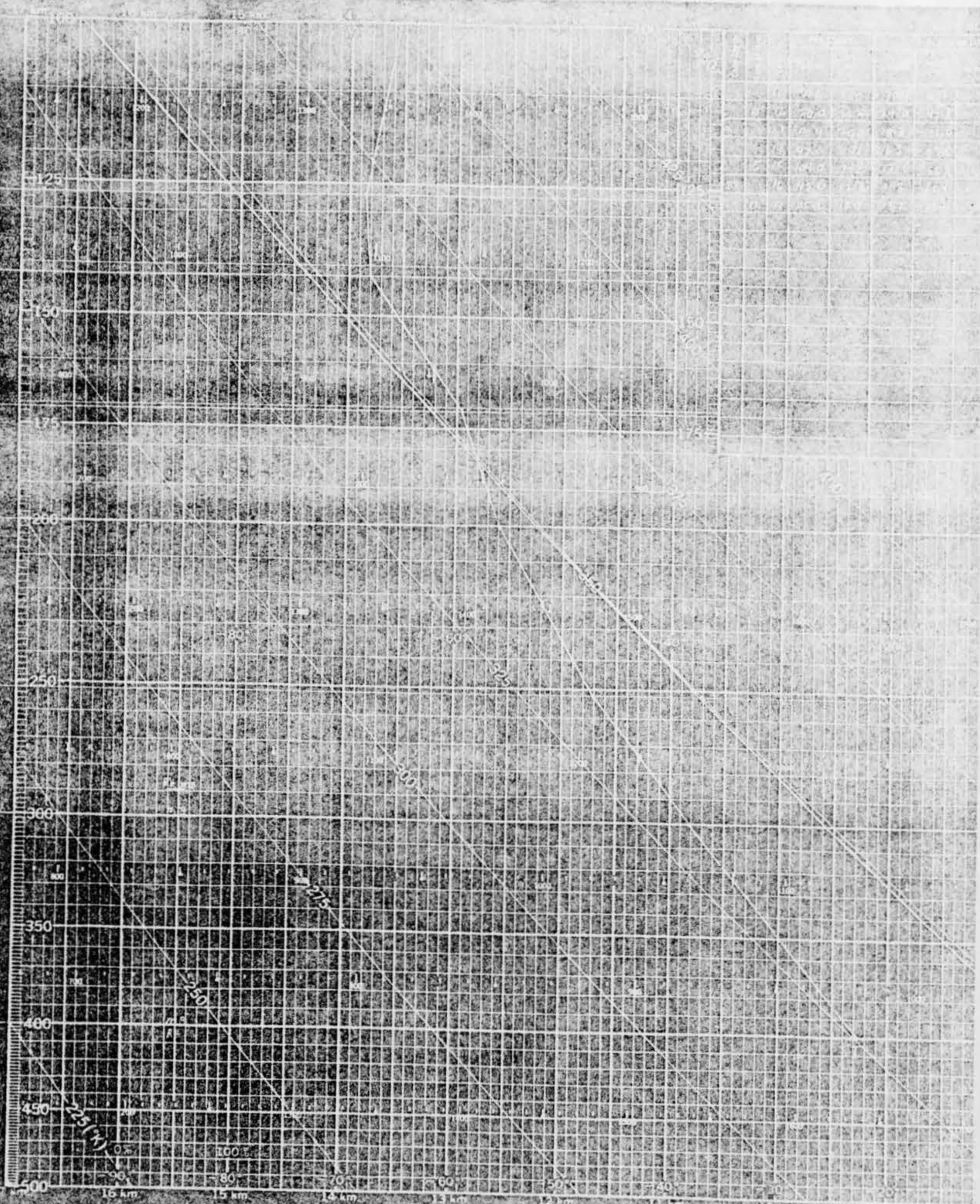
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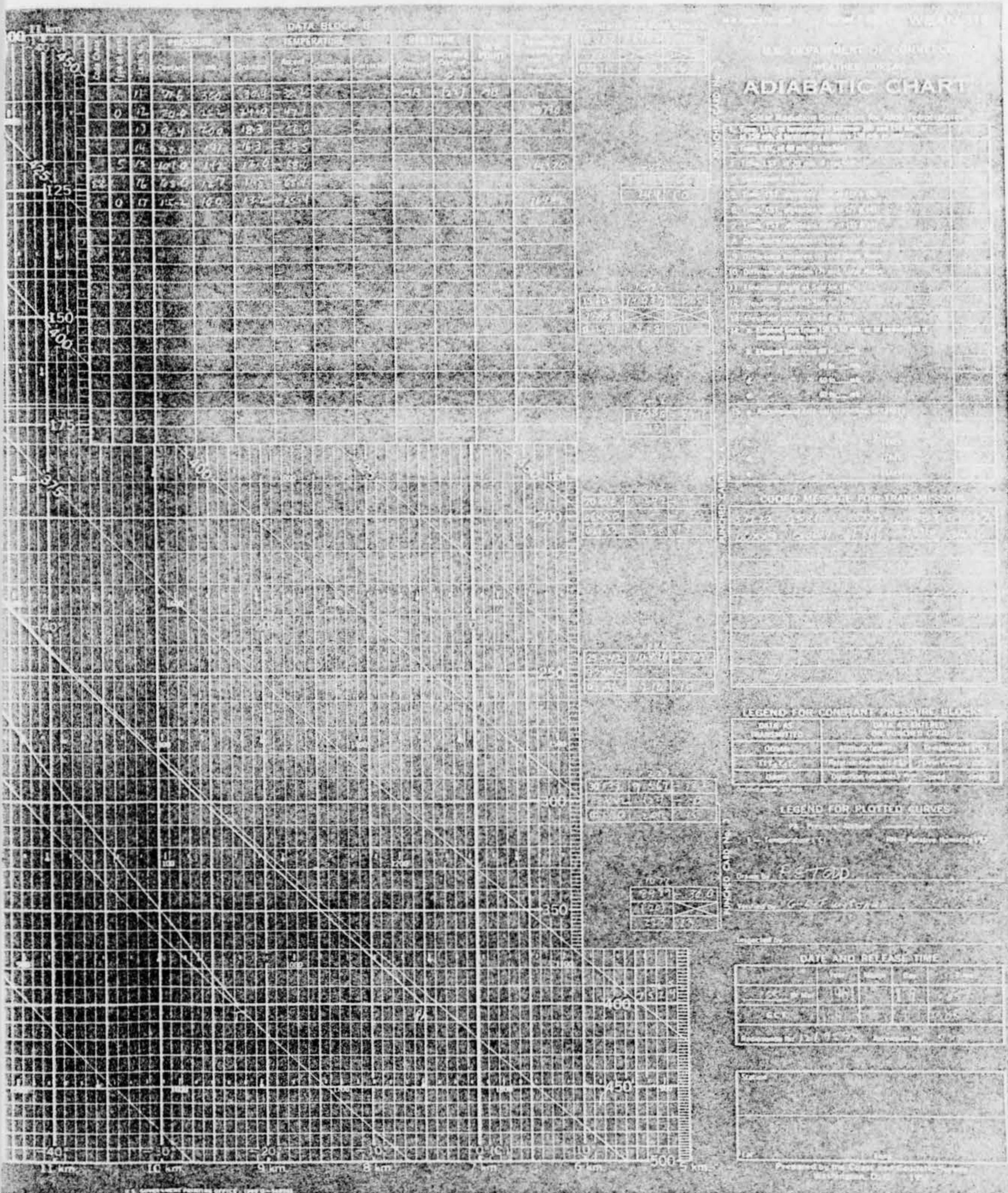
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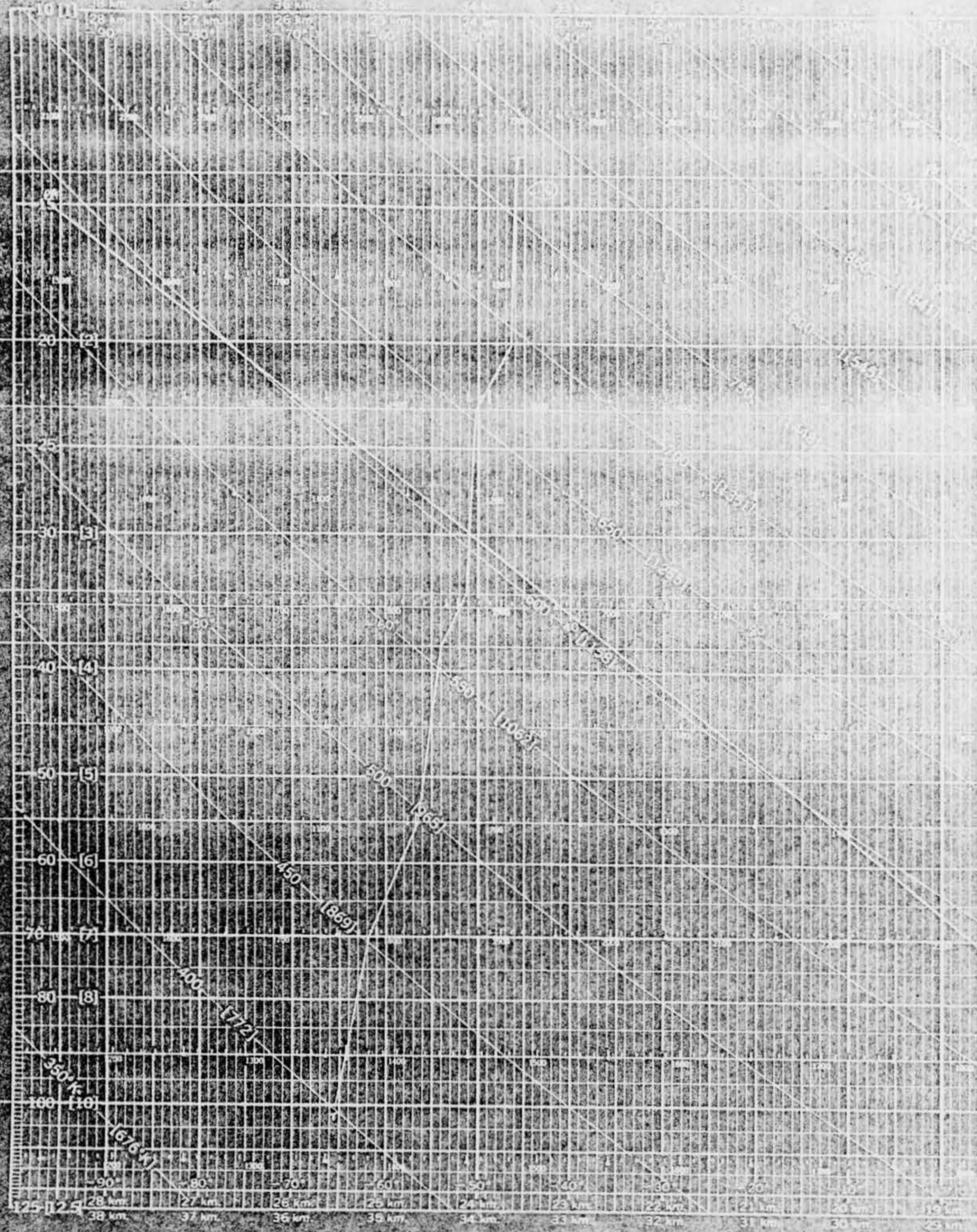
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INTELLIGENCE REPORT

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 unauthorized 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

PLACE:

NO OF PAGES: 4

DATE ACC:

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

EVALUATION: B-2

PREPARED BY: Howard W. LUCAS

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 0100Z 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

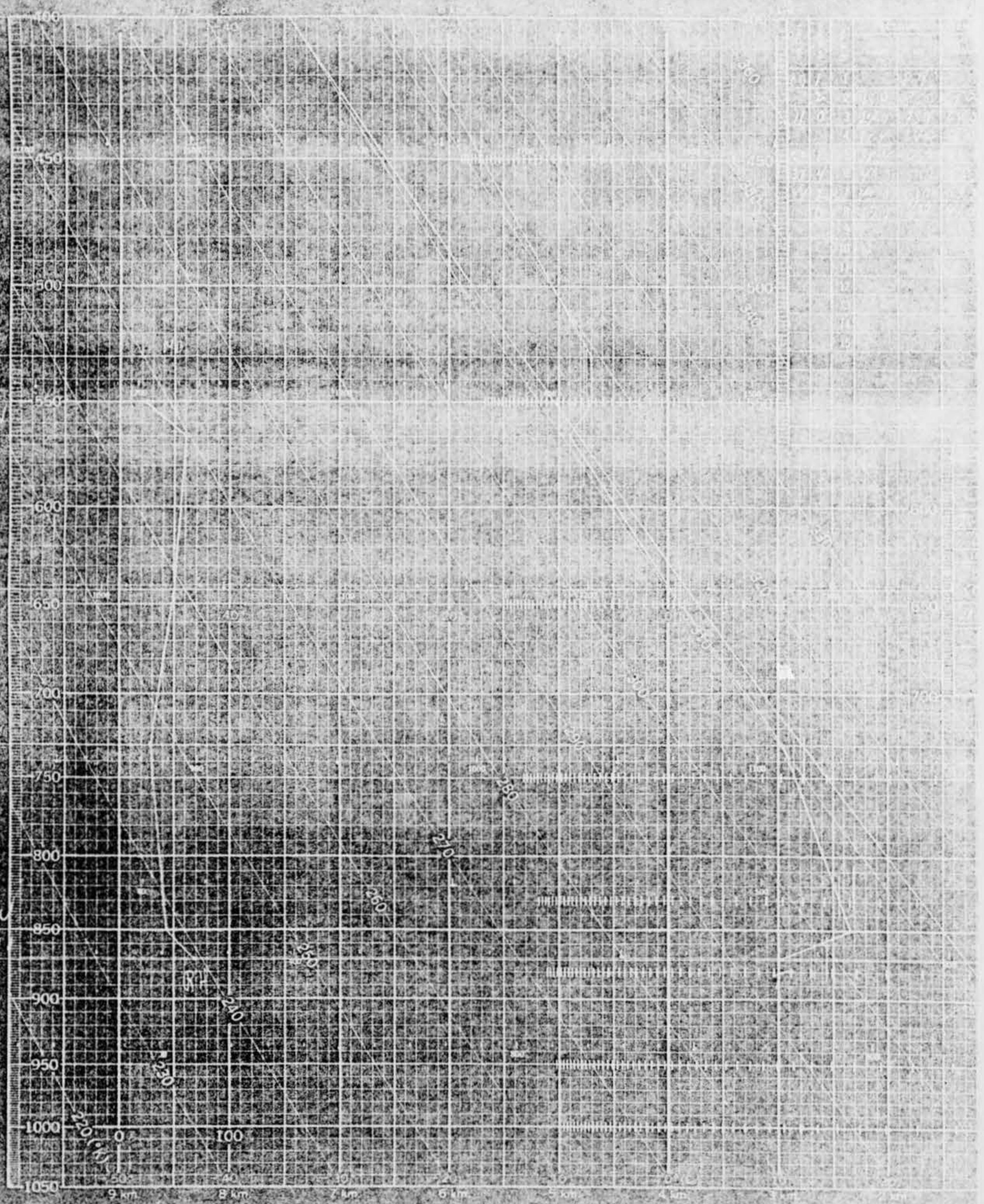
NAVY

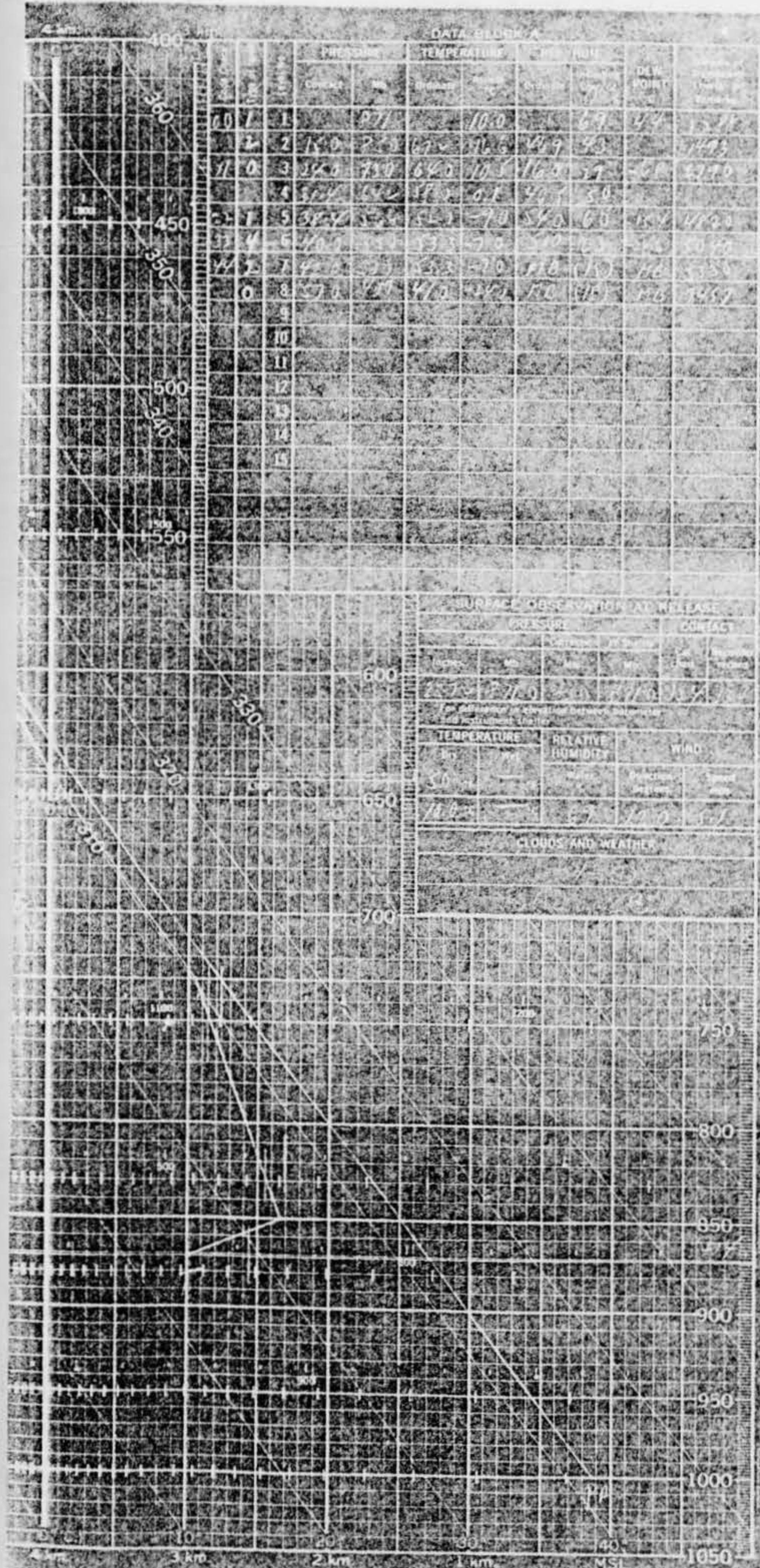
NSA

INTELLIGENCE REPORT

INTELLIGENCE REPORT

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





ADIABATIC CHART

© 1986 BASHUNG CHINESE AREA

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EDDIE KEEGAN, CHIEF ASSISTANT

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THE DODGE BROTHERS

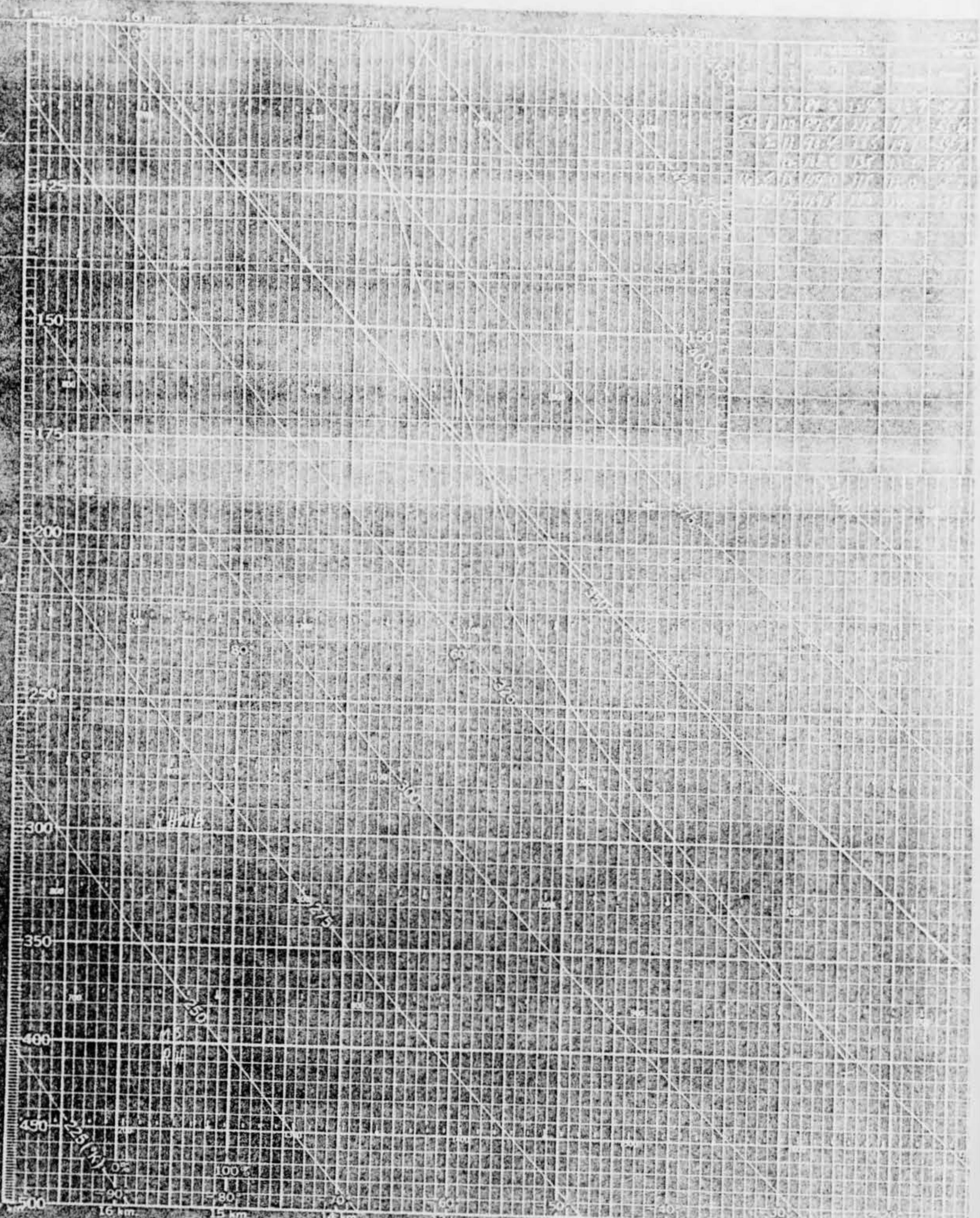
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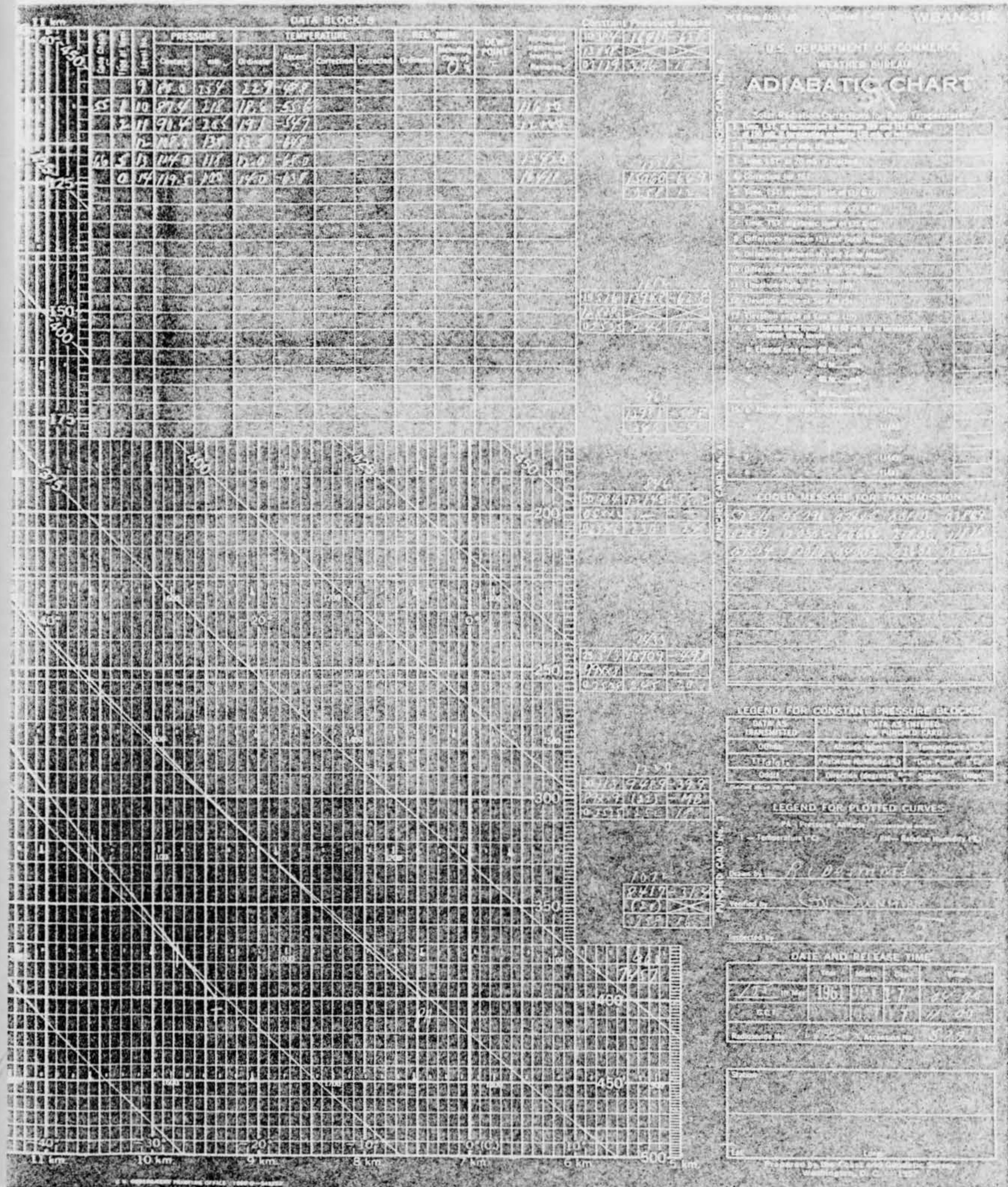
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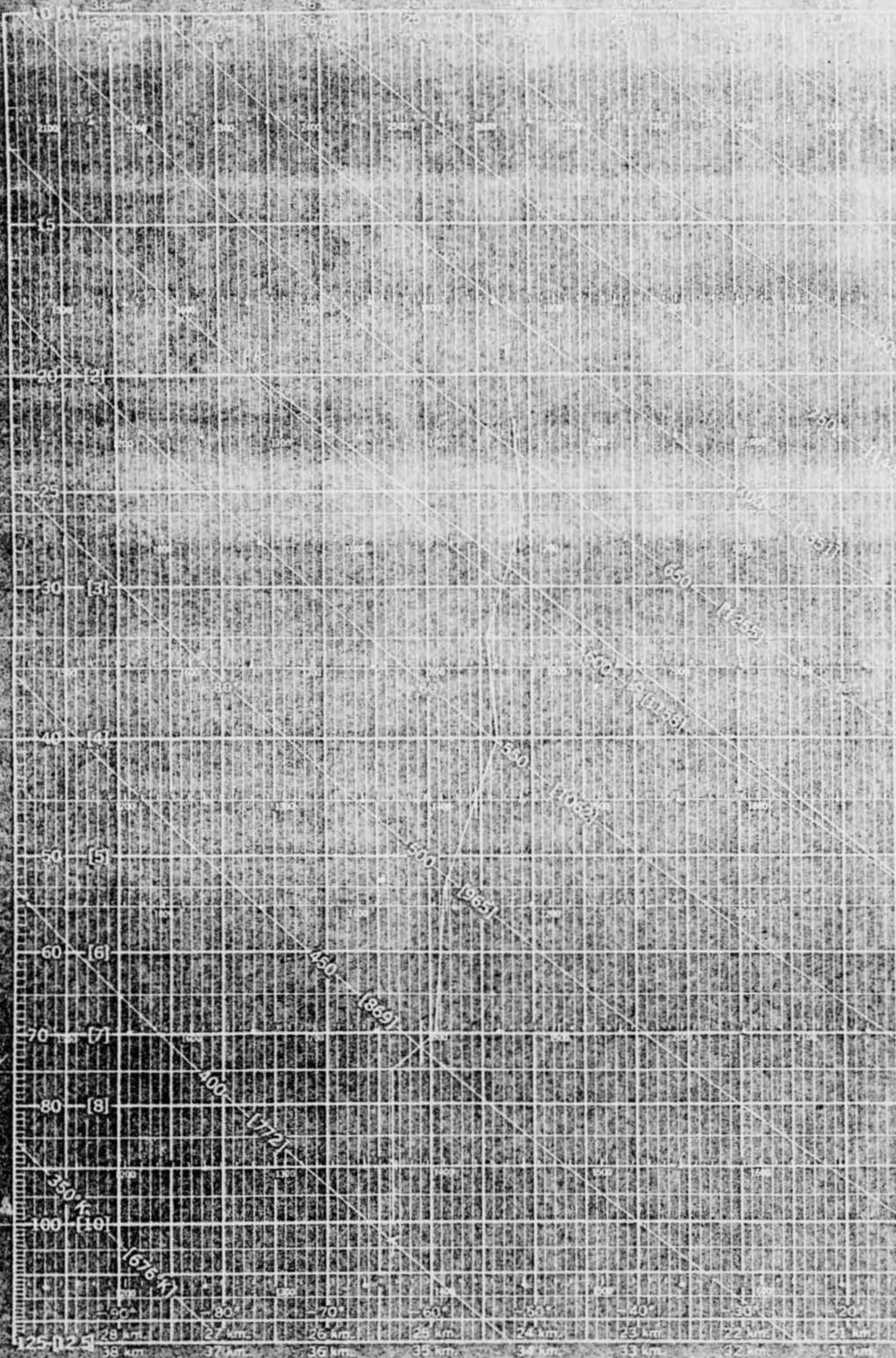
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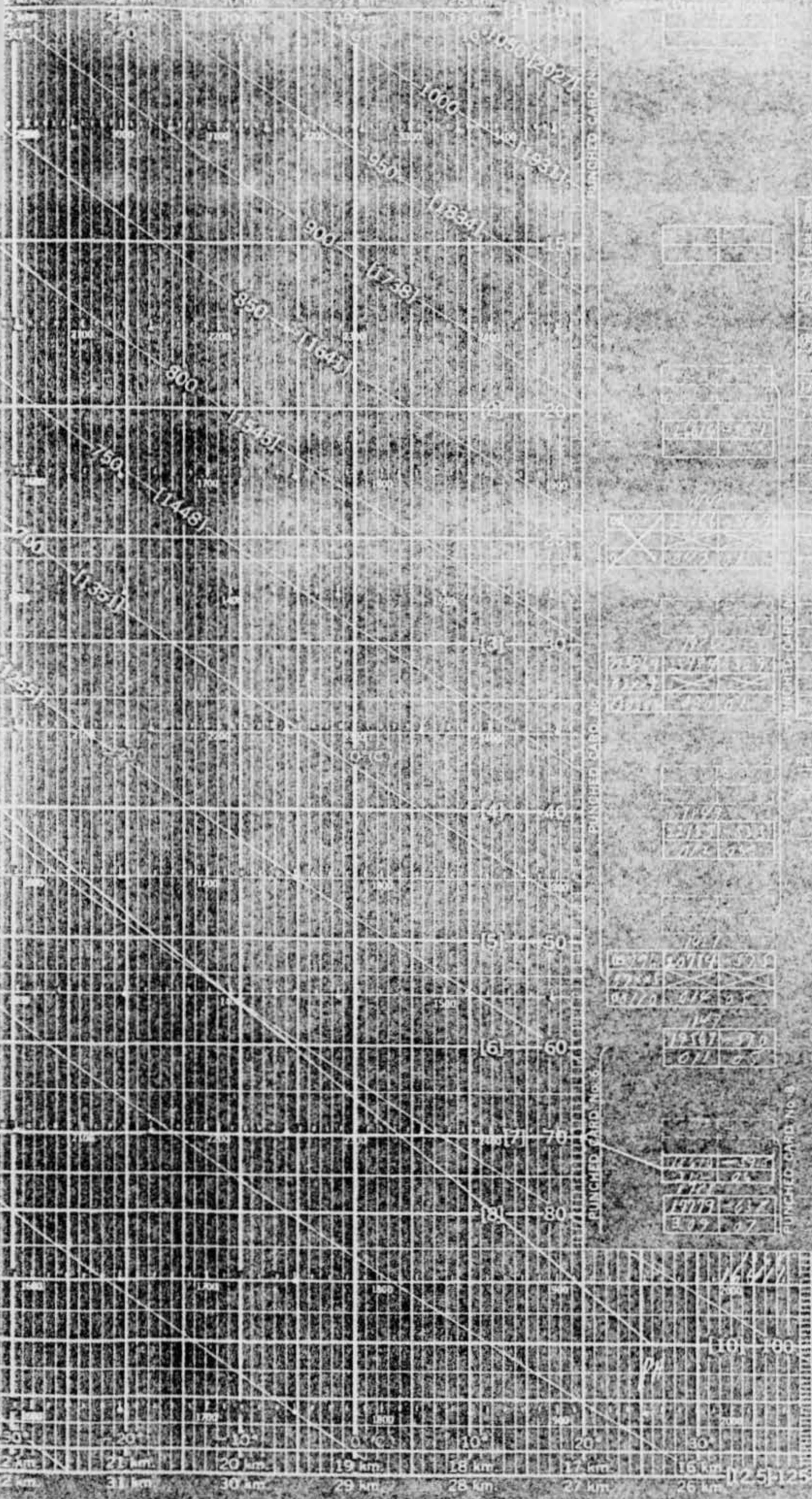
Journal of Clinical Anesthesia, Vol. 10, No. 6, December 1998, pp. 523-526
© 1998 by the Society of Clinical Anesthesiologists. 0898-2394/98/100523-04\$15.00/0

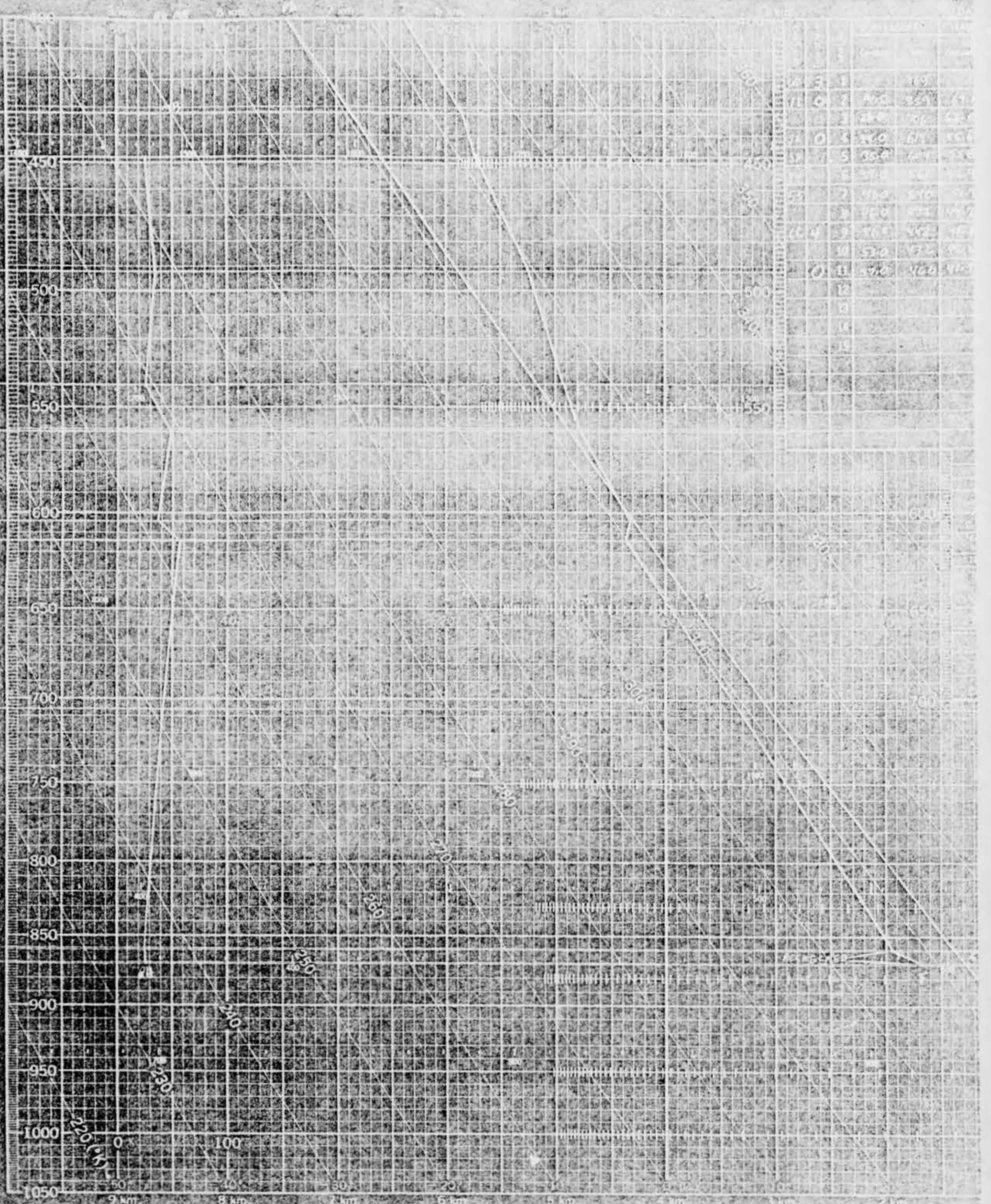




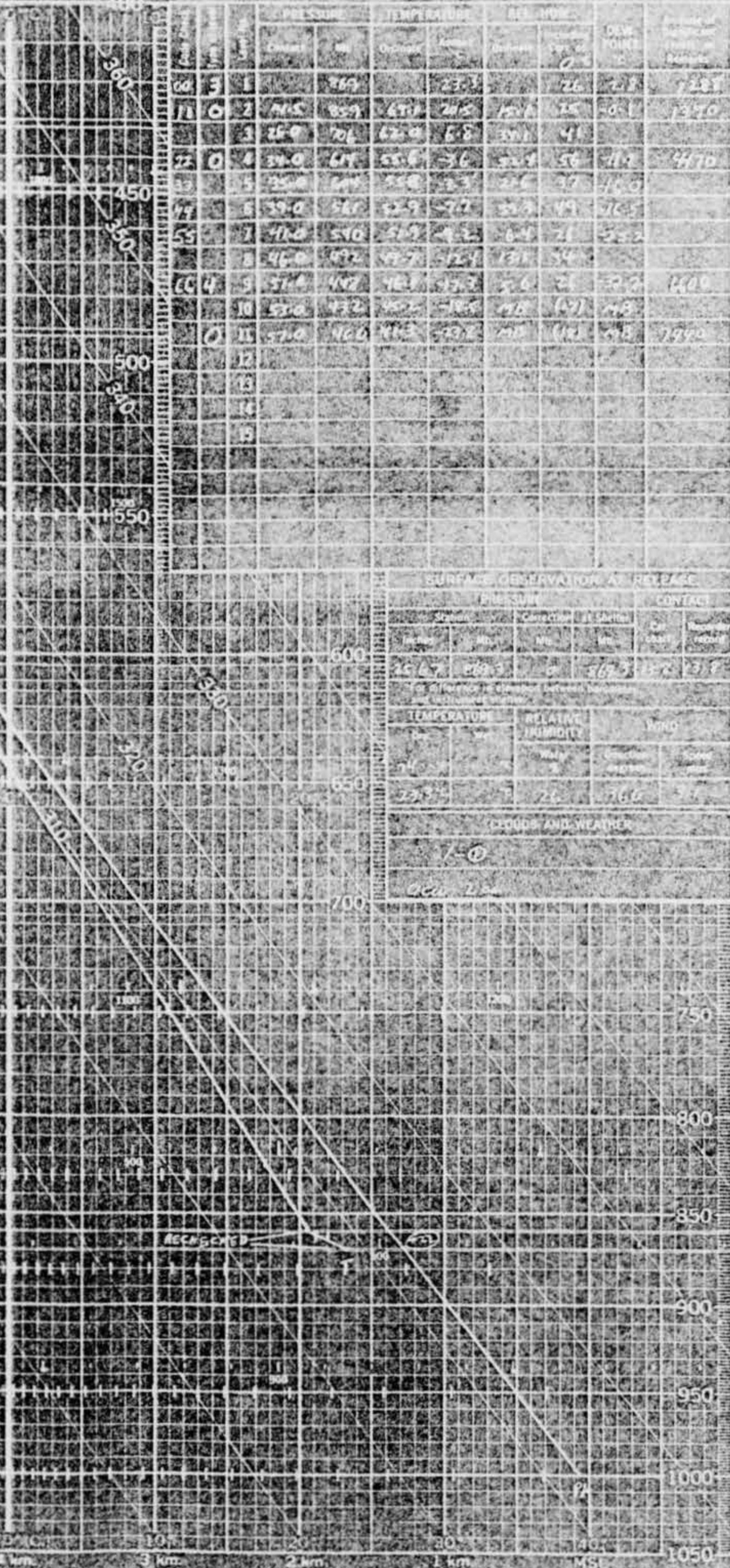


DEPARTMENT OF DEFENSE
WEATHER PREDICTION CENTER
ADIAEBATIC CHART





DATA BLOCK A

U. S. DEPARTMENT OF COMMERCE
NATIONAL WEATHER BUREAU

ADIABATIC CHART

BASELINE CHECK READINGS

TEMPERATURE

PRESSURE

RELATIVE HUMIDITY

DENSITY

WIND

CODED MESSAGE FOR TRANSMISSION

521	23013	35316	9569	03782
1001	01553	2133	5072	1152
02311	10401	77240	03132	2211
31	10101	1532	9227	0101
1022	20202	20510	1012	0000
03010	10511	10210	0312	1111
4511	21011	10511	0312	1111
2111	31111	10111	0312	1111
5510	10111	10111	0312	1111

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA AS TRANSMITTED	DATA AS ENTERED ON CHART
0000	0000
1111	1111
2222	2222

LEGEND FOR PLOTTED CURVES

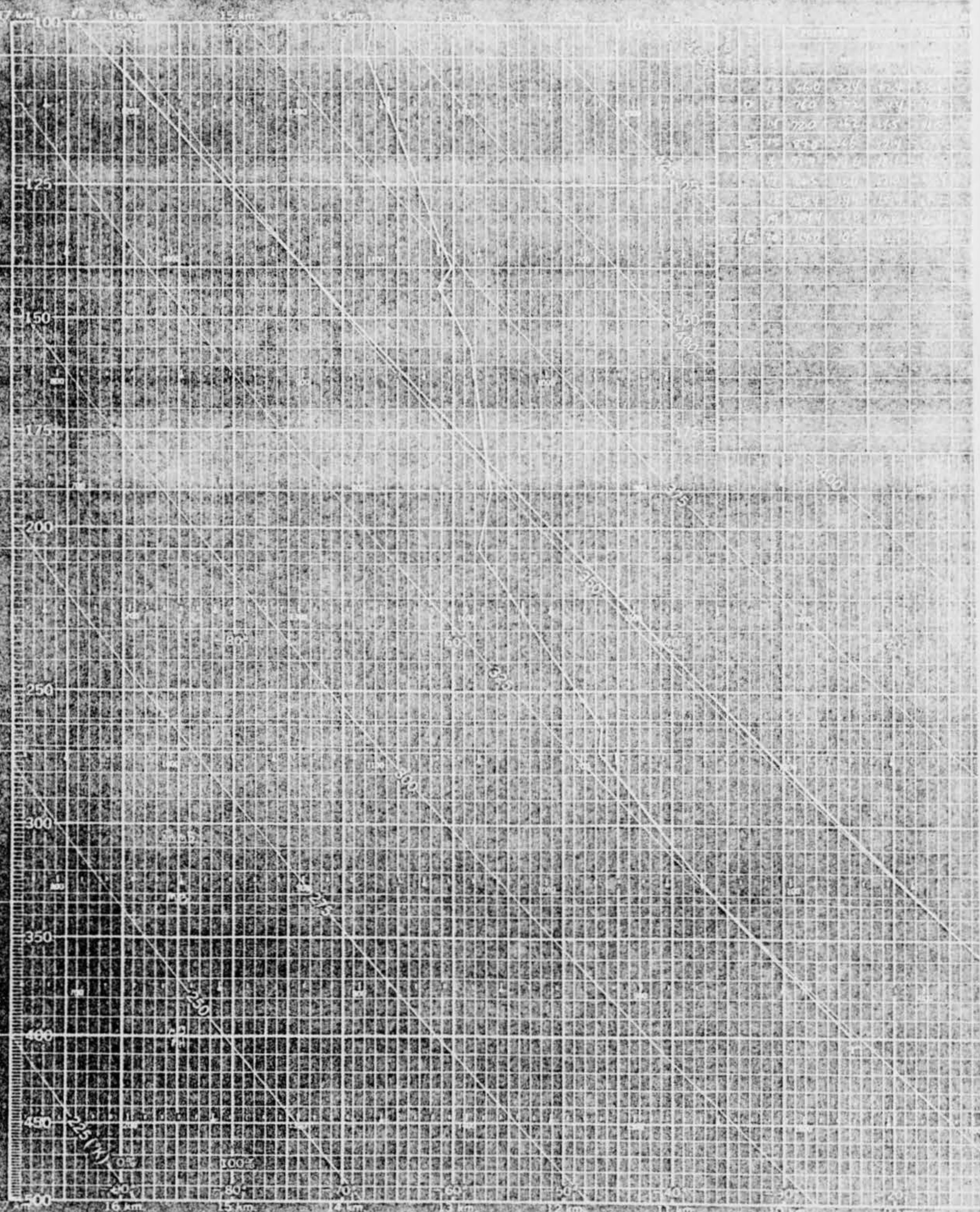
0000	0000
1111	1111
2222	2222
3333	3333

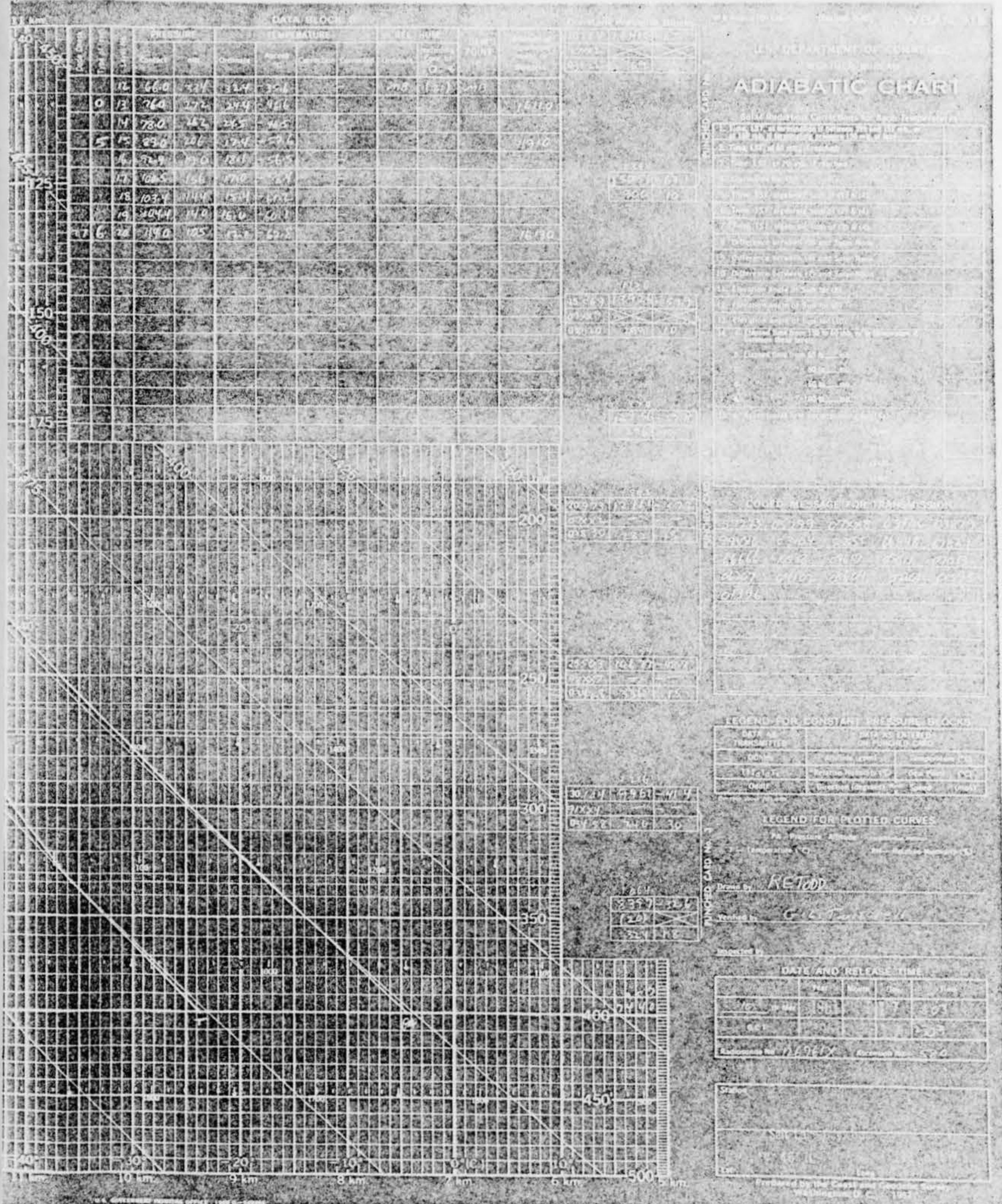
RECORDED

GATEWAY

DATE AND RELEASE TIME

1000	1961-11-27 14:00
1010	1961-11-27 14:00
1020	1961-11-27 14:00
1030	1961-11-27 14:00





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 1st 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 Rangley, 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.

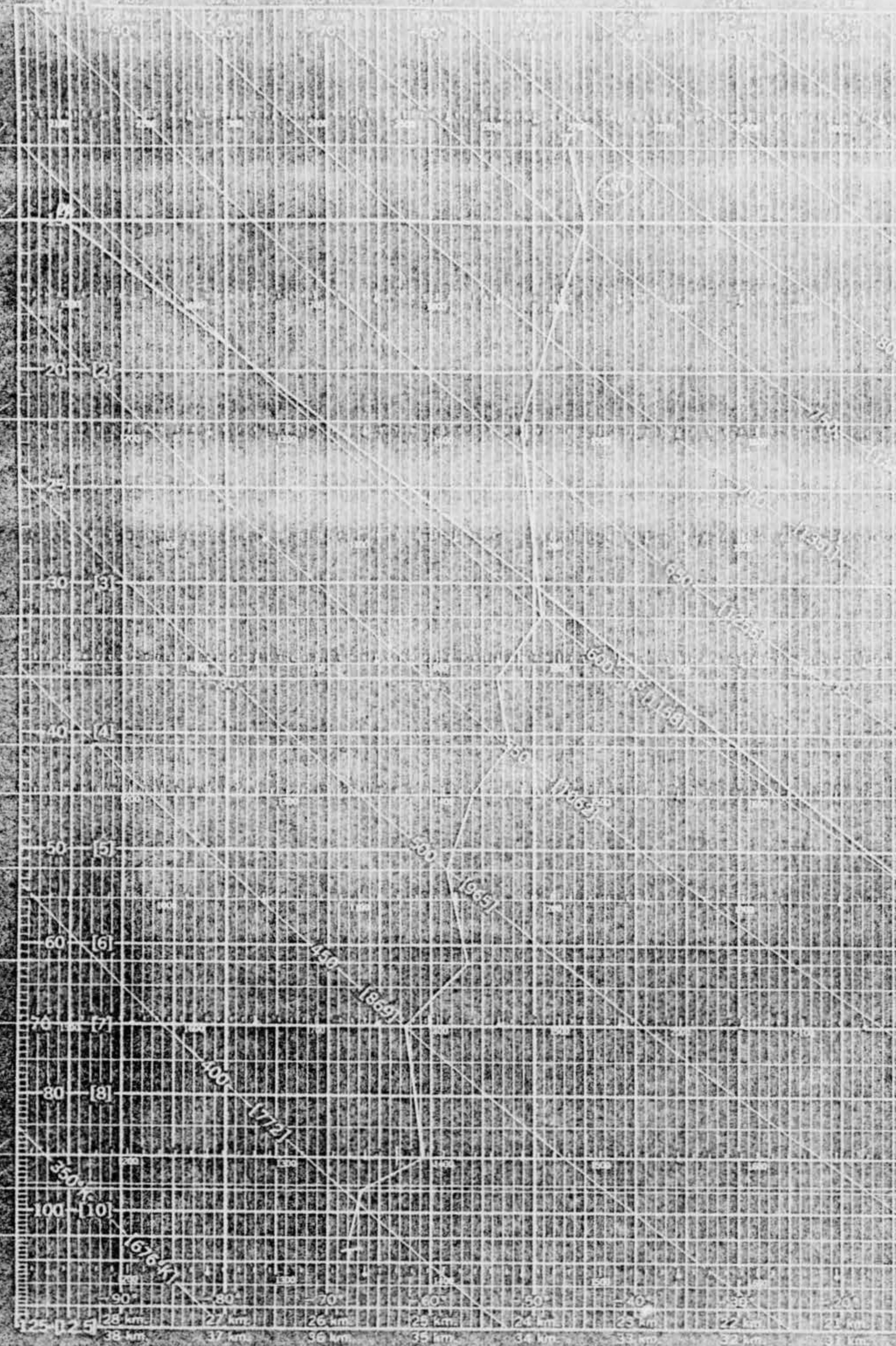
15b(3) Angle, elevation and azimuth at time of disappearance - The objects raised straight for 1000 feet and moved at high speed on a twenty degree angle upward and moved south, southwest 210° to 220° heading and disappeared in about a minute and a half.

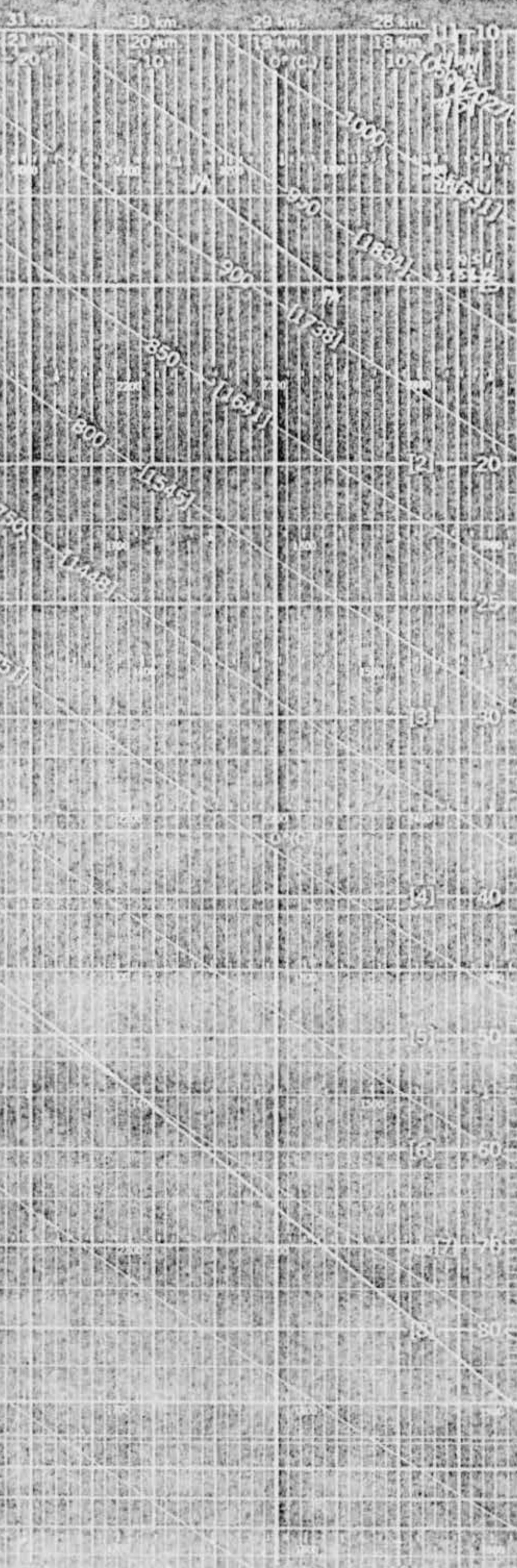
15b(4) Flight path and maneuvers - At first sighting there was no motion. Nearing objects about five miles they raised straight up and then moved at high speed in a south, southwest direction until out of sight. Acceleration was very fast and faded in the distance.

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.

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





Constant Pressure Blocks

W-8 Form 610-14C (Rev. 6-14-57)

WEATHER BUREAU

U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU
ADIABATIC CHART

DATA BLOCK C

CONSTANT PRESSURE	PRESSURE		TEMPERATURE		CO
	mb	in Hg	°F	°C	
1000	1000	29.92	59.2	15.0	
1002	1002	29.90	59.0	14.8	
1004	1004	29.88	58.8	14.6	
1006	1006	29.86	58.6	14.4	
1008	1008	29.84	58.4	14.2	
1010	1010	29.82	58.2	14.0	
1012	1012	29.80	58.0	13.8	
1014	1014	29.78	57.8	13.6	
1016	1016	29.76	57.6	13.4	
1018	1018	29.74	57.4	13.2	
1020	1020	29.72	57.2	13.0	

PUNCHED CARD NO. 8

23510-2413

57 01

1903

14551-1716

2981 01

1953

14551-1716

2981 01

1953

14551-1716

2981 01

PUNCHED CARD NO. 9

1953

14551-1716

2981 01

PUNCHED CARD NO. 10

1953

14551-1716

2981 01

PUNCHED CARD NO. 11

1953

14551-1716

2981 01

PUNCHED CARD NO. 12

1953

14551-1716

2981 01

PUNCHED CARD NO. 13

1953

14551-1716

2981 01

PUNCHED CARD NO. 14

1953

14551-1716

2981 01

PUNCHED CARD NO. 15

1953

14551-1716

2981 01

PUNCHED CARD NO. 16

1953

14551-1716

2981 01

UNPUNCHED CARD NO. 9

REMARKS

LEGEND FOR CONSTANT PRESSURE BLOCKS

1000	1002	1004	1006	1008	1010	1012	1014	1016	1018	1020
1000	1002	1004	1006	1008	1010	1012	1014	1016	1018	1020
1000	1002	1004	1006	1008	1010	1012	1014	1016	1018	1020
1000	1002	1004	1006	1008	1010	1012	1014	1016	1018	1020

LEGEND FOR PLOTTED CURVES

A - Pressure - Altitude

C - Temperature - CO

DATE AND RELEASE TIME

14	1901	1	1601
14	1901	1	1601
14	1901	1	1601

14	1901	1	1601
14	1901	1	1601
14	1901	1	1601

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, consistant 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 Unusal activity or condition - None

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

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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 TO: CCCPD

SUBJECT: Radiosonde Data for Salt Lake City

12 January 1962

TO: Aerospace Technical Intelligence Center
ATTN: AFCIN 4E2K, Sgt. Moody
Wright-Patterson AFB, Ohio

1. Reference: Your telephone request 0930 EST, 12 January 1962.
2. We are sending photocopies of adiabatic charts (MAN-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 (MAN-31) for 20-22 December for soundings taken at Eglin AFB and Cape Canaveral, Florida/Site 0-3. These are the closest rawinsonde locations to Lanham City.

FOR THE DIRECTOR

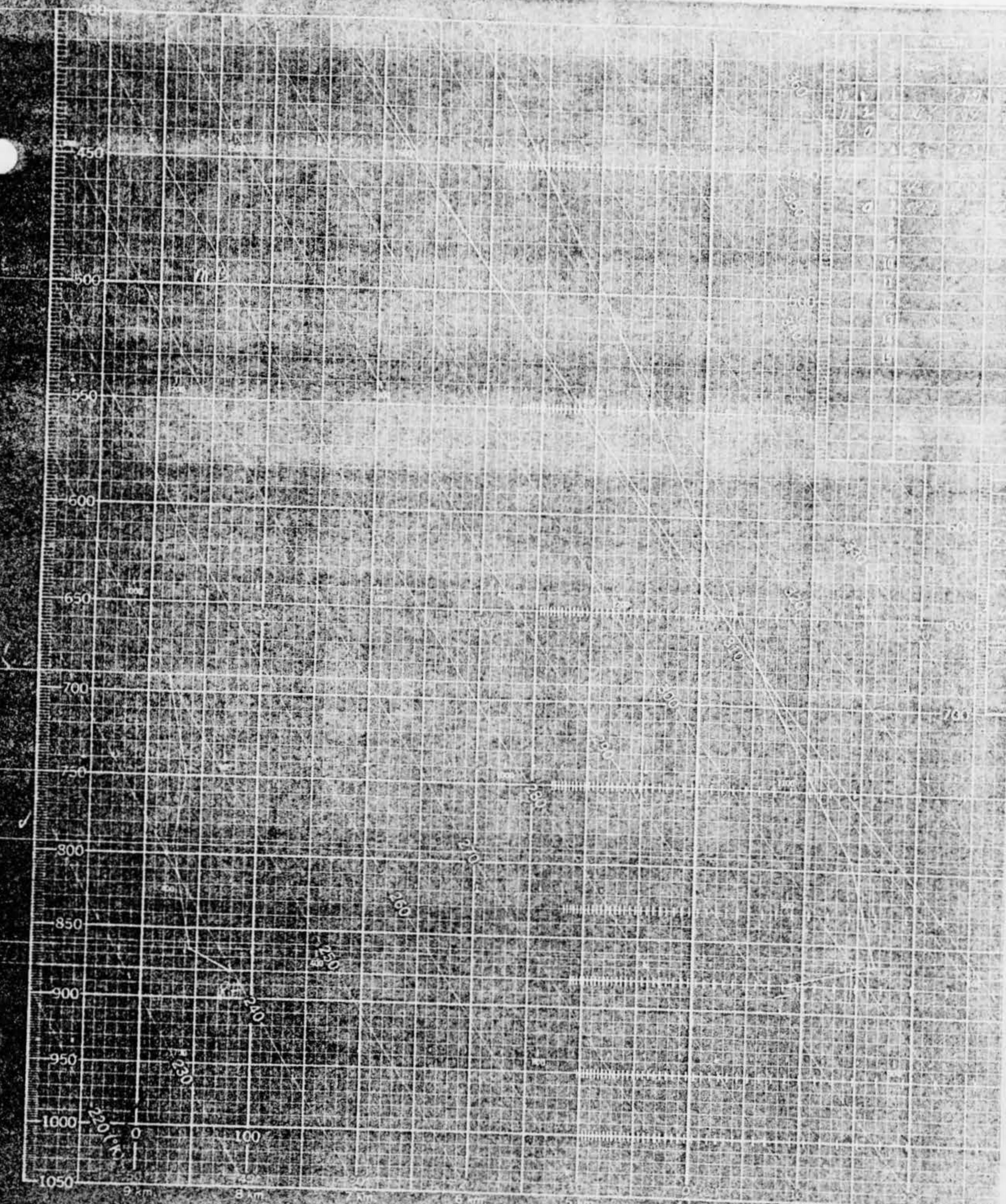
Pallas L. Tye, Jr.
Captain, USAF
Administrative Officer

Atch
Radiosonde data f/Salt Lake City

JENSEN, UTAH, 16 Oct 61

CASE includes twelve (12)

ADIA BATIC CHARTS



DATA PLOTS

	PRESSURE	TEMPERATURE	REL. HUMID.	DEW POINT
1	1000	50	80	40
2	923	60	70	50
3	850	70	60	40
4	785	80	50	30
5	727	90	40	20
6	673	100	30	10
7	625	110	20	-10
8	582	120	10	-20
9	542	130	0	-30
10	506	140	-10	-40
11	474	150	-20	-50
12	445	160	-30	-60
13	418	170	-40	-70
14	393	180	-50	-80
15	370	190	-60	-90

SURFACE OBSERVATIONS

PRESSURE	TEMPERATURE	REL. HUMID.	CONTACT
1000	50	80	+
923	60	70	+
850	70	60	+
785	80	50	+
727	90	40	+
673	100	30	+
625	110	20	+
582	120	10	+
542	130	0	+
506	140	-10	+
474	150	-20	+
445	160	-30	+
418	170	-40	+
393	180	-50	+
370	190	-60	+

CLOUDS AND WEATHER

3 km 2 km 1 km MSL 1050

U.S. DEPARTMENT OF COMMERCE
NATIONAL WEATHER BUREAU

ADIABATIC CHART

CODED MESSAGE FOR TRANSMISSION

0222Z 171721

0222Z 171721

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA	DATA FROM PREVIOUS CYCLE

LEGEND FOR PLOTTED CURVES

0222Z 171721

ALD esmed

DATE AND RELEASE TIME

171721	1961
171721	1961
171721	1961