PROJECT 10073 RECORD CARD

1. DATE
21 Dec 61

2. LOCATION
Tyndall AFB, Florida

3. DATE-TIME GROUP
Local 0545
GMT 21/1045

4. TYPE OF OBSERVATION
☒ Ground-Visual ☐ Ground-Radar
☐ Air-Visual ☐ Air-Intercept Radar

5. PHOTOS
☐ Yes
☒ No

6. SOURCE
Military

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 Betelgeux 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)

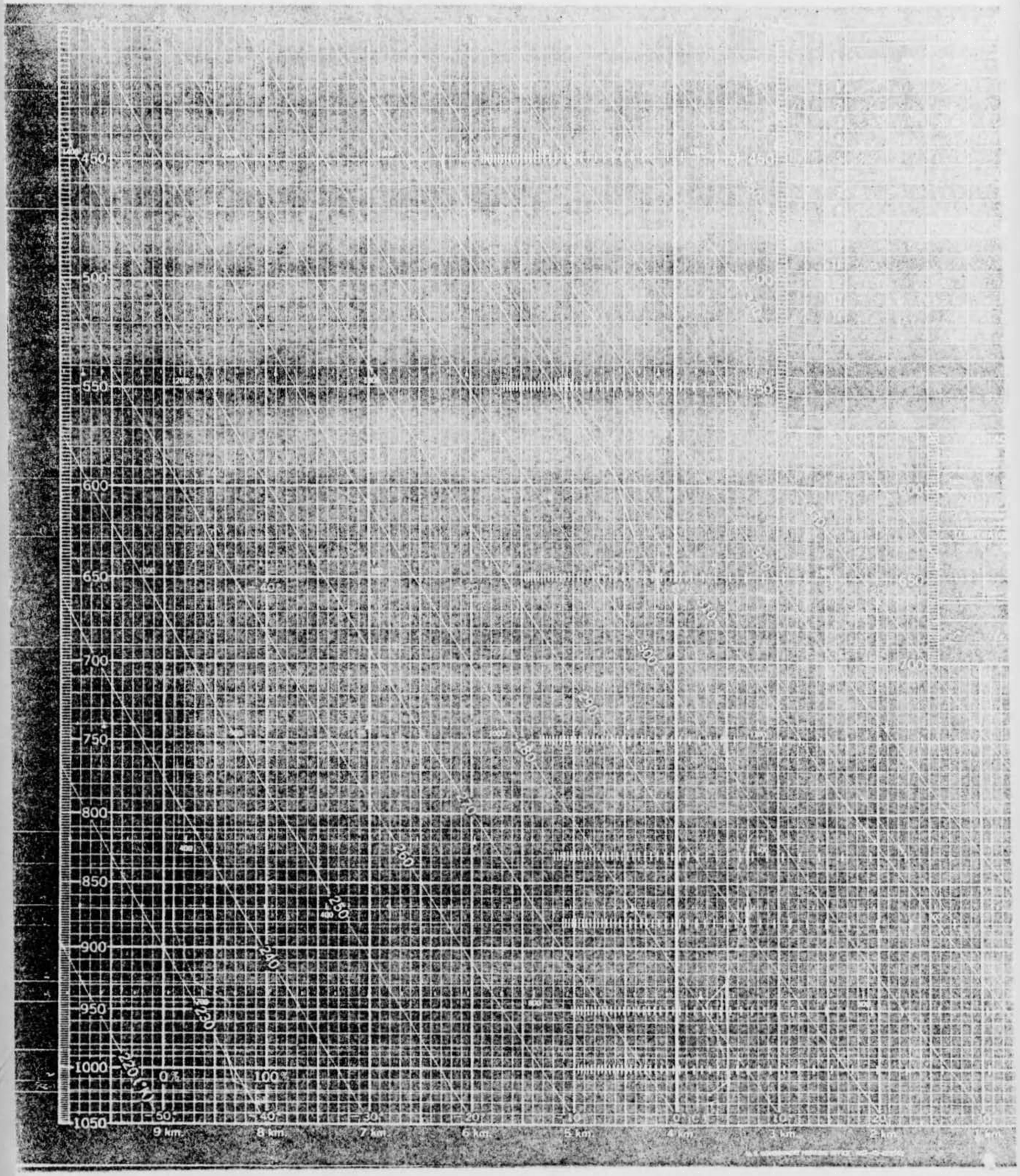
12. CONCLUSIONS
☐ Was Balloon
☐ Probably Balloon
☐ Possibly Balloon
☐ Was Aircraft
☐ Probably Aircraft
☐ Possibly Aircraft
☐ Was Astronomical
☐ Probably Astronomical
☐ Possibly Astronomical
☒ Other Possibly Alpha Orion Betelgeux
☐ Insufficient Data for Evaluation
☐ Unknown

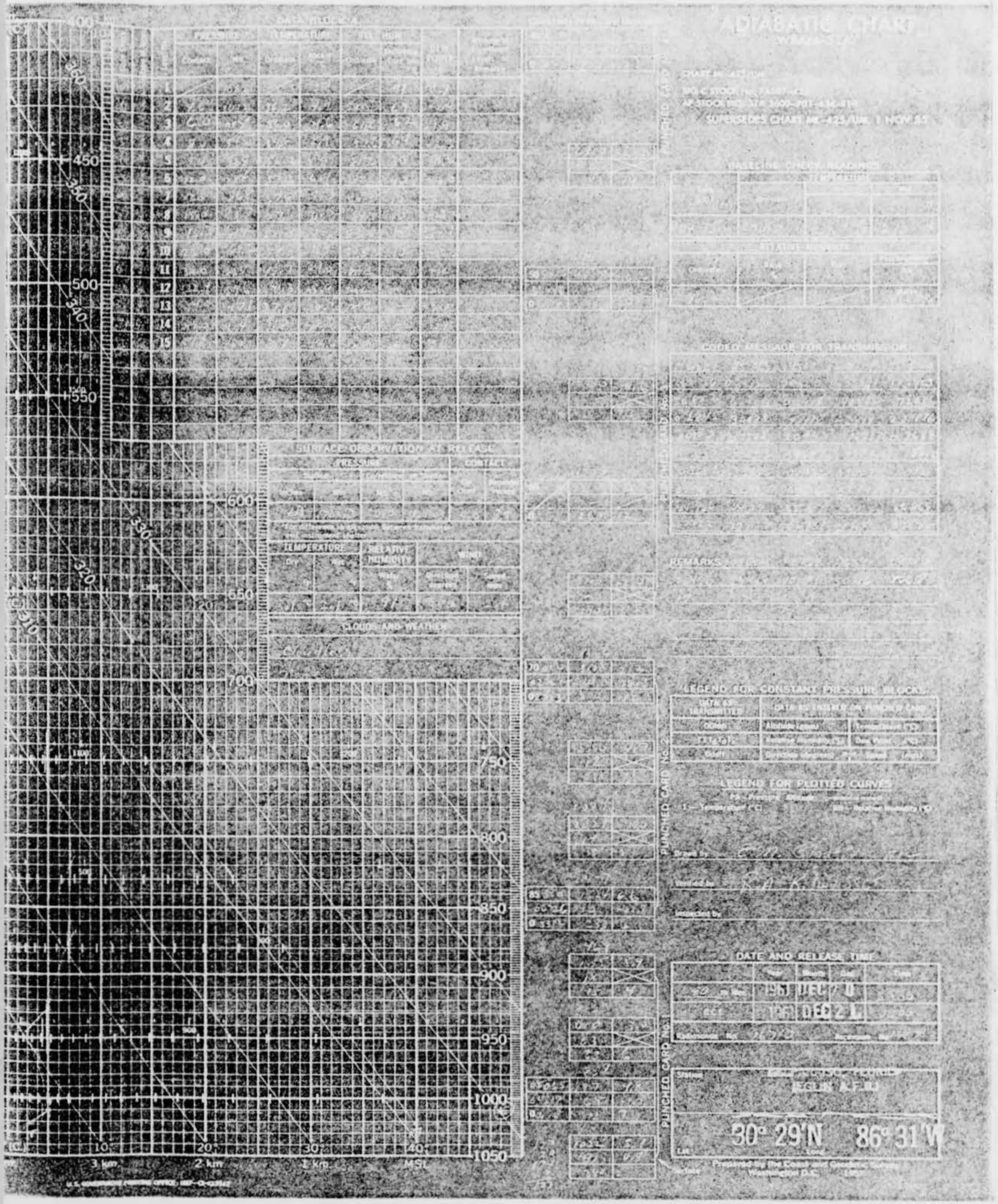
ATIC FORM 329 (REV 26 SEP 52)

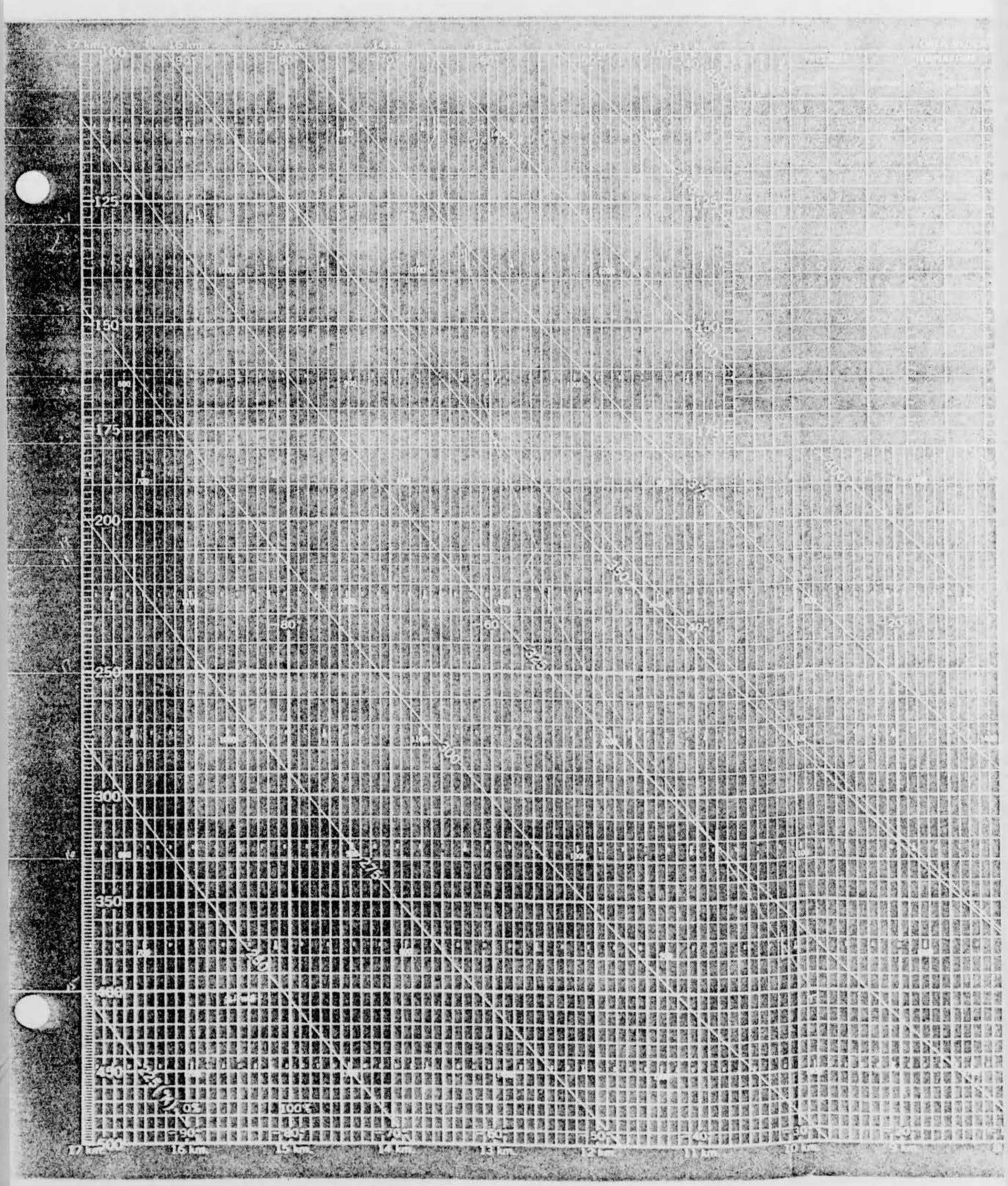
TYNDALL AFB, FL 21 Dec 61

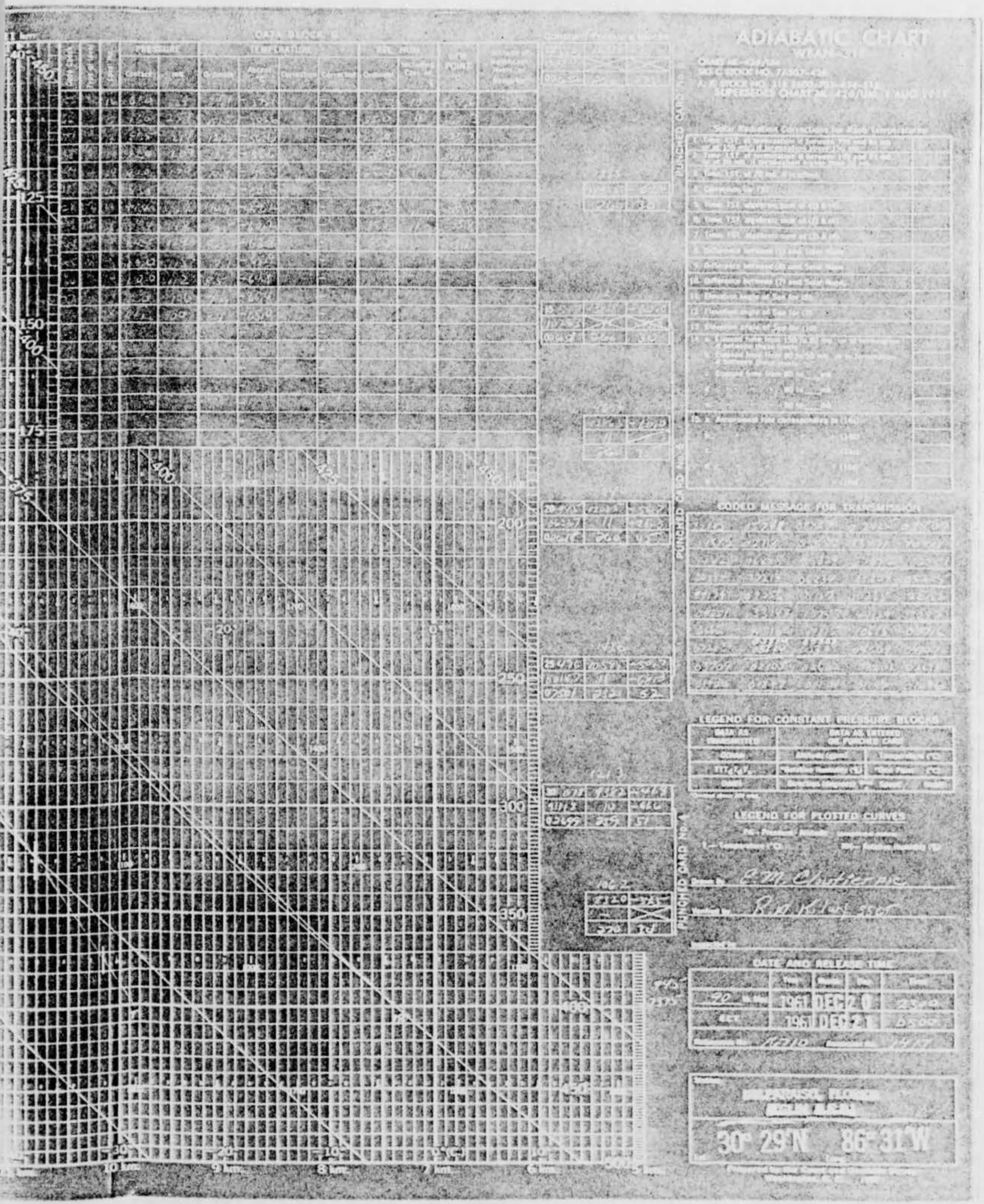
CASE includes 21 ADIABATIC

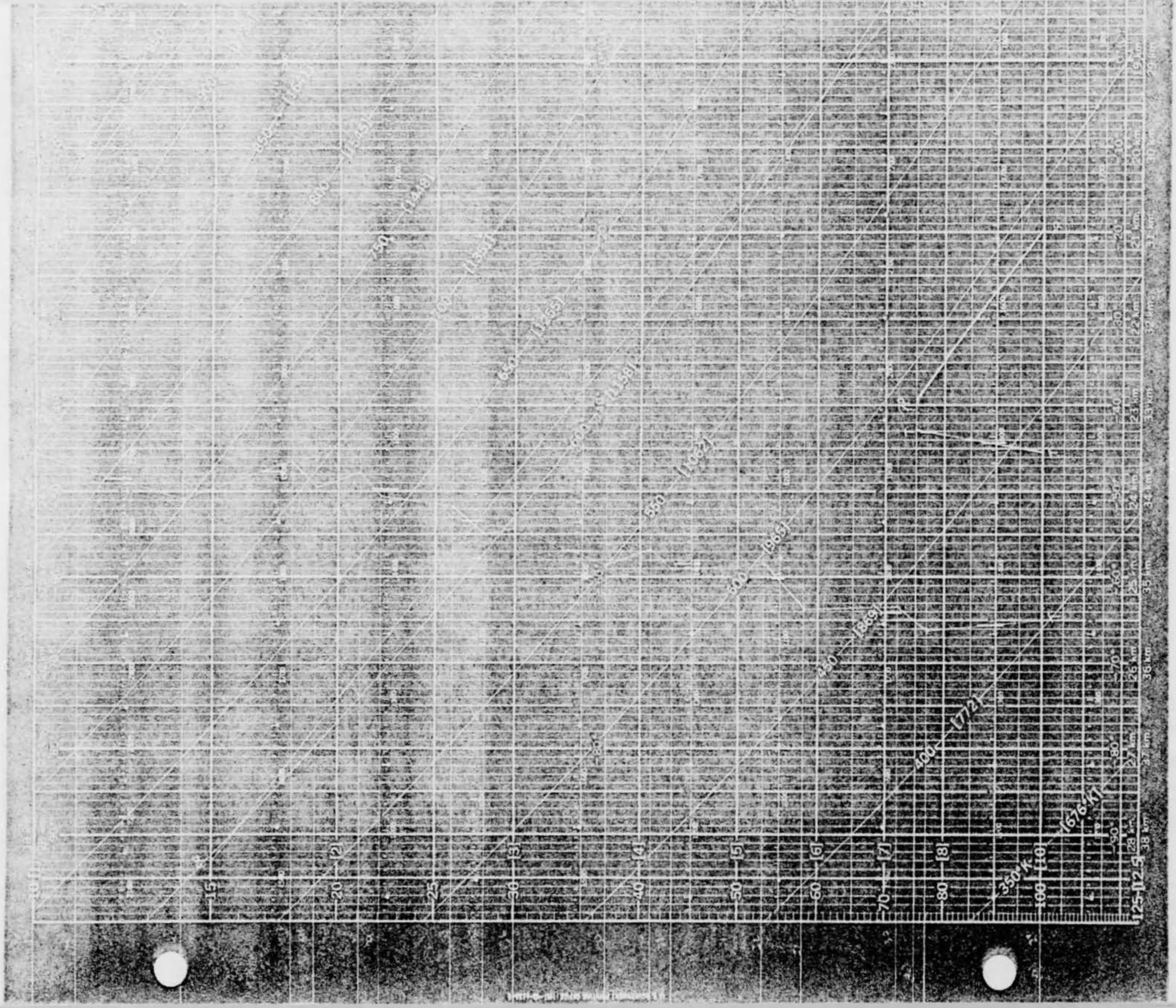
CHARTS

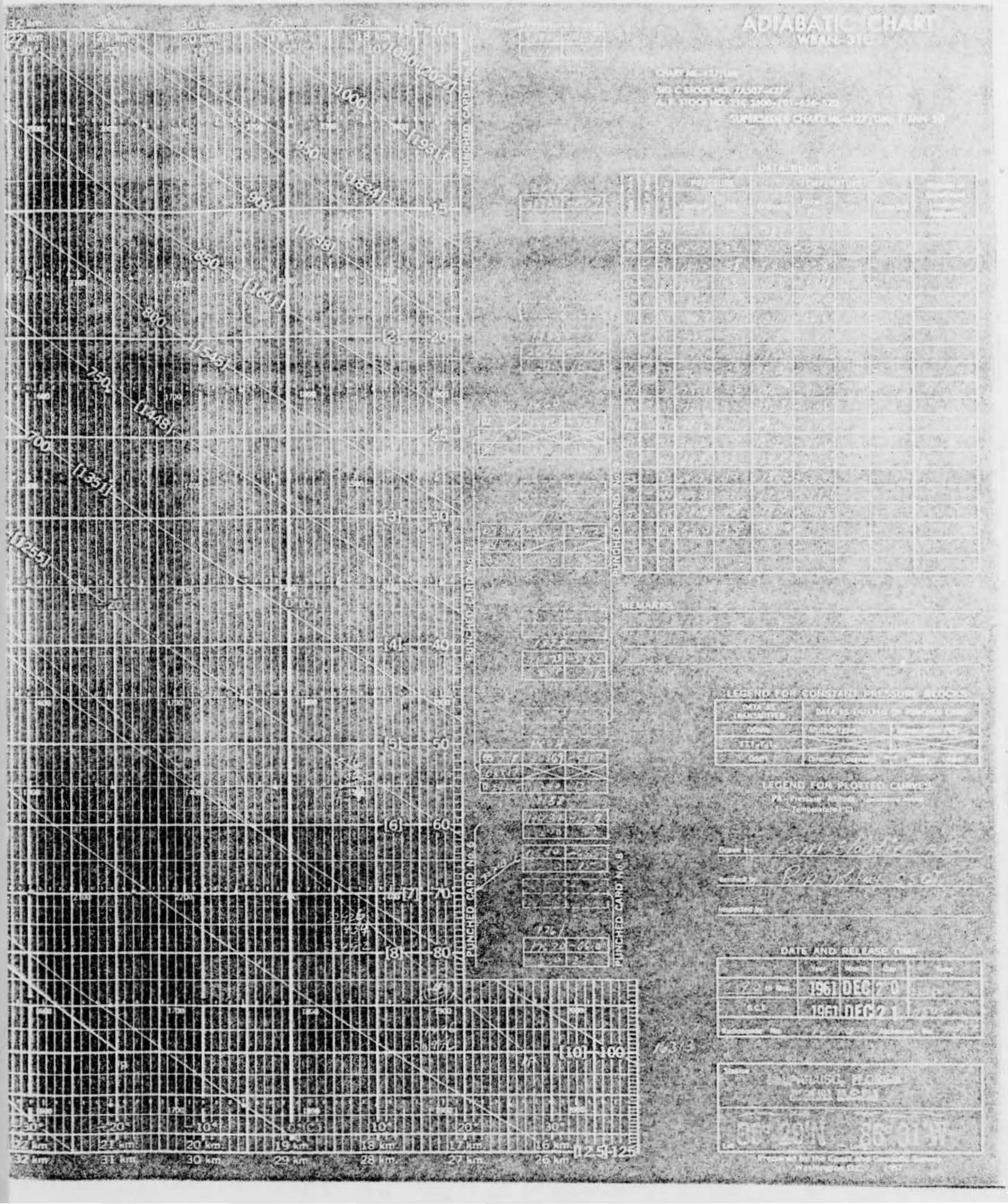

450
500
550
600
650
700
750
800
850
900
950
1000
1050
0%
100%
9 km.
8 km.
7 km.
6 km.
5 km.
4 km.
3 km.
2 km.

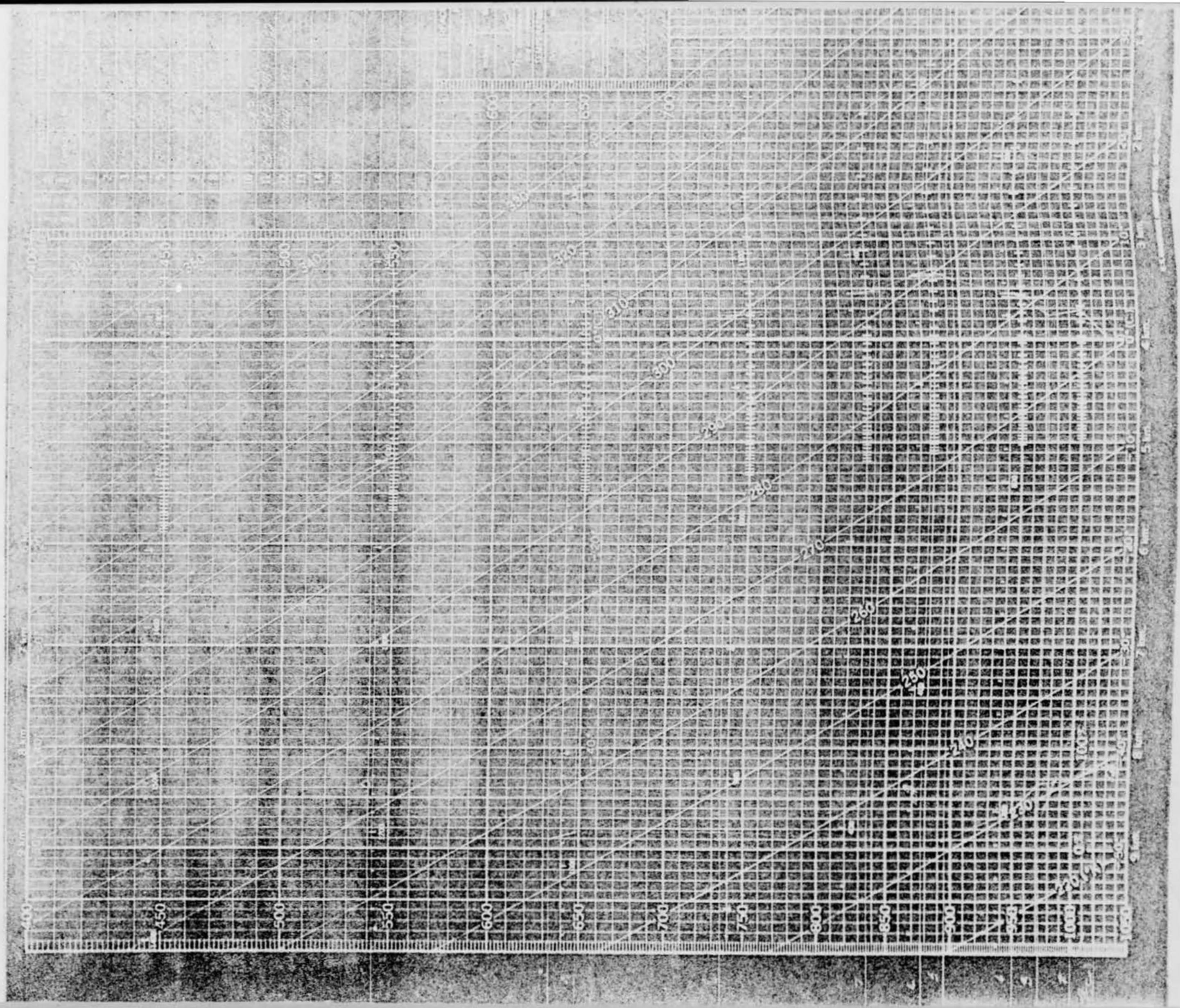

ADIABATIC CHART
SUPERSEDES CHART
SURFACE OBSERVATION AT RELEASE
PRESSURE
TEMPERATURE
RELATIVE HUMIDITY
WIND
CLOUDS AND WEATHER
CODED MESSAGE FOR TRANSMISSION
REMARKS
LEGEND FOR CONSTANT PRESSURE BLOCK
LEGEND FOR PLOTTED CURVES
DATE AND RELEASE TIME
30° 29'N 86° 31'W
PUNCHED CARD
500
550
600
650
700
750
800
850
900
950
1000
1050
3 km
2 km
1 Km
MSL

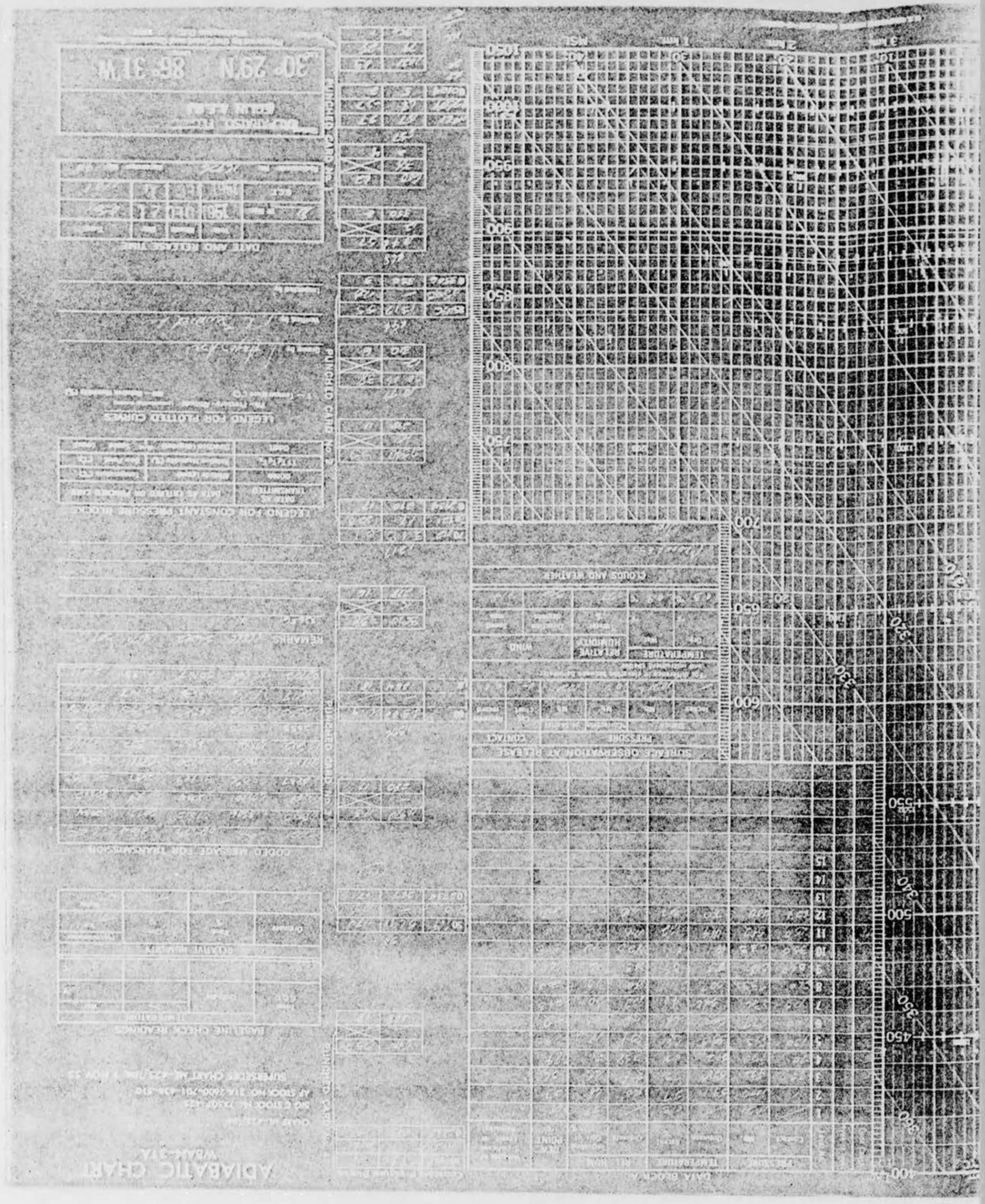

125
150
175
200
250
300
350
80
60
100
90

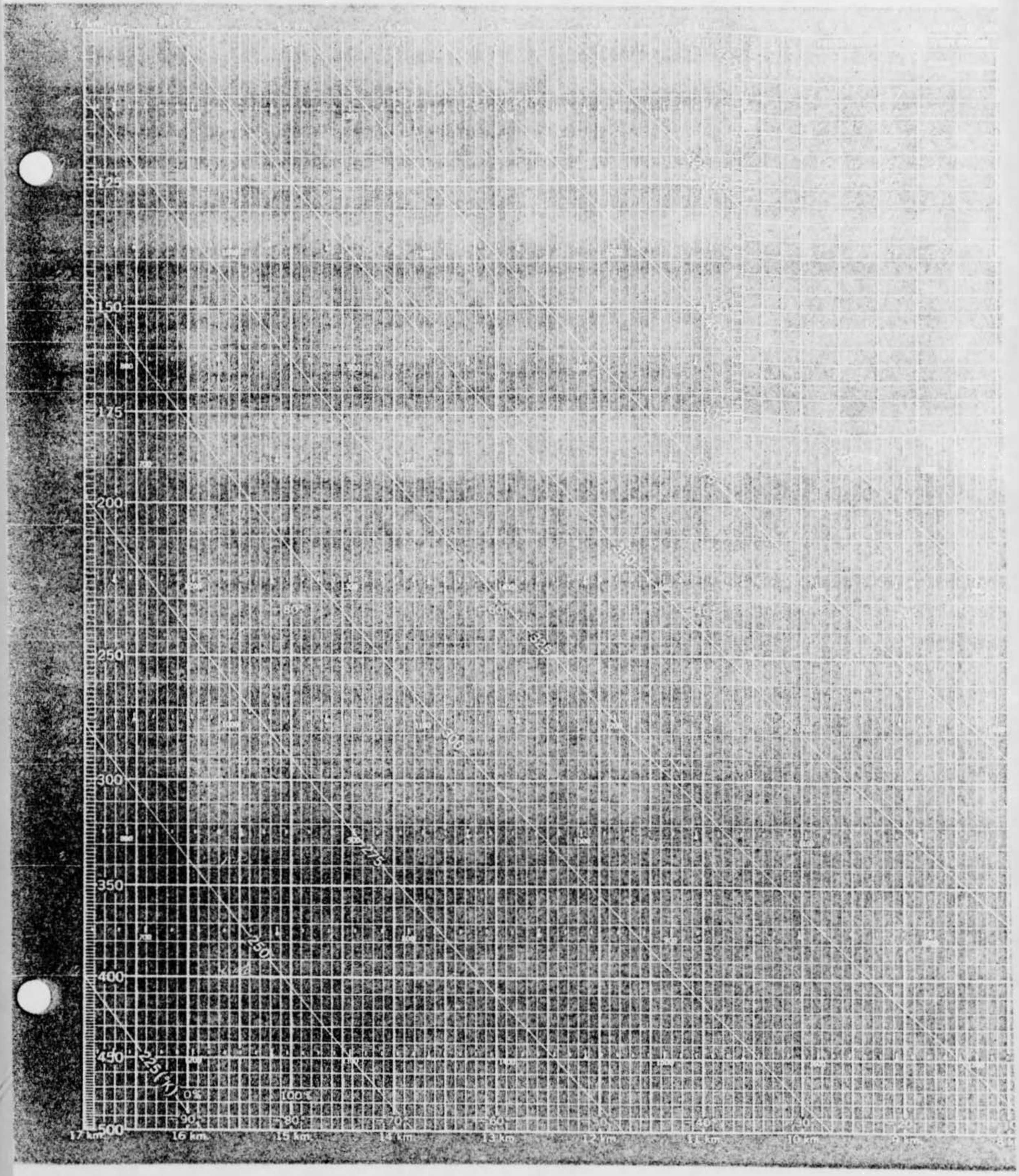

ADIABATIC CHART
PUNCHED CARD
PUNCHED CARD
CODED MESSAGE FOR TRANSMISSION
LEGEND FOR CONSTANT PRESSURE LEVELS
LEGEND FOR PLOTTED CURVES
DATE AND RELEASE TIME
30° 29'N 86° 31'W




ADIABATIC CHART
PUNCHED CARD No. 6
PUNCHED CARD No. 8
LEGEND FOR CONSTANT PRESSURE LEVELS
LEGEND FOR PLOTTED CURVES
DATE AND RELEASE TIME
1961
DEC
20
1961
DEC

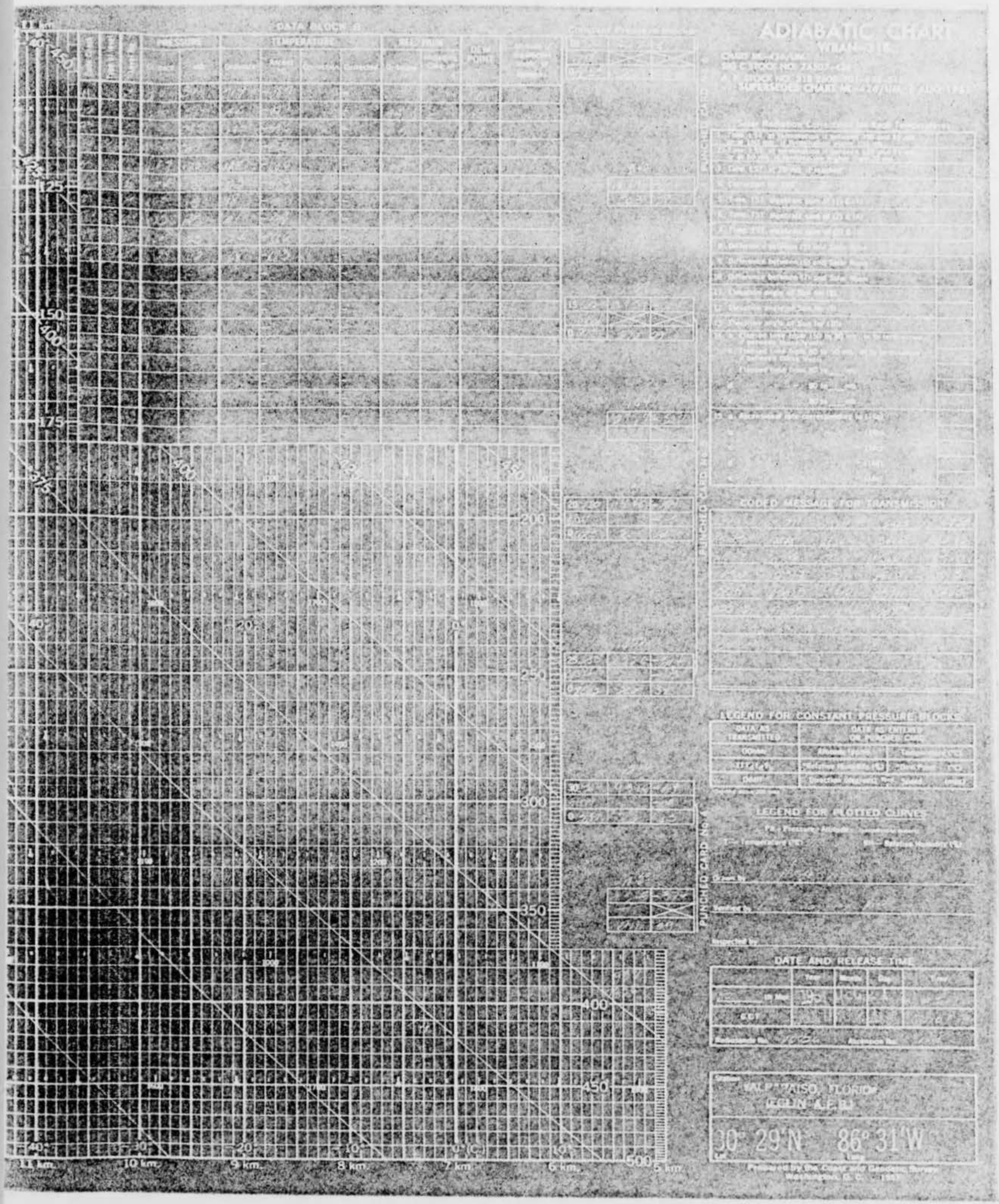





125
150
175
200
250
300
350
400
450
500
17 km
16 km
15 km
14 km
13 km
12 km
11 km
10 km
100%
90
80
70
60
50
40
30

(CA-2)

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.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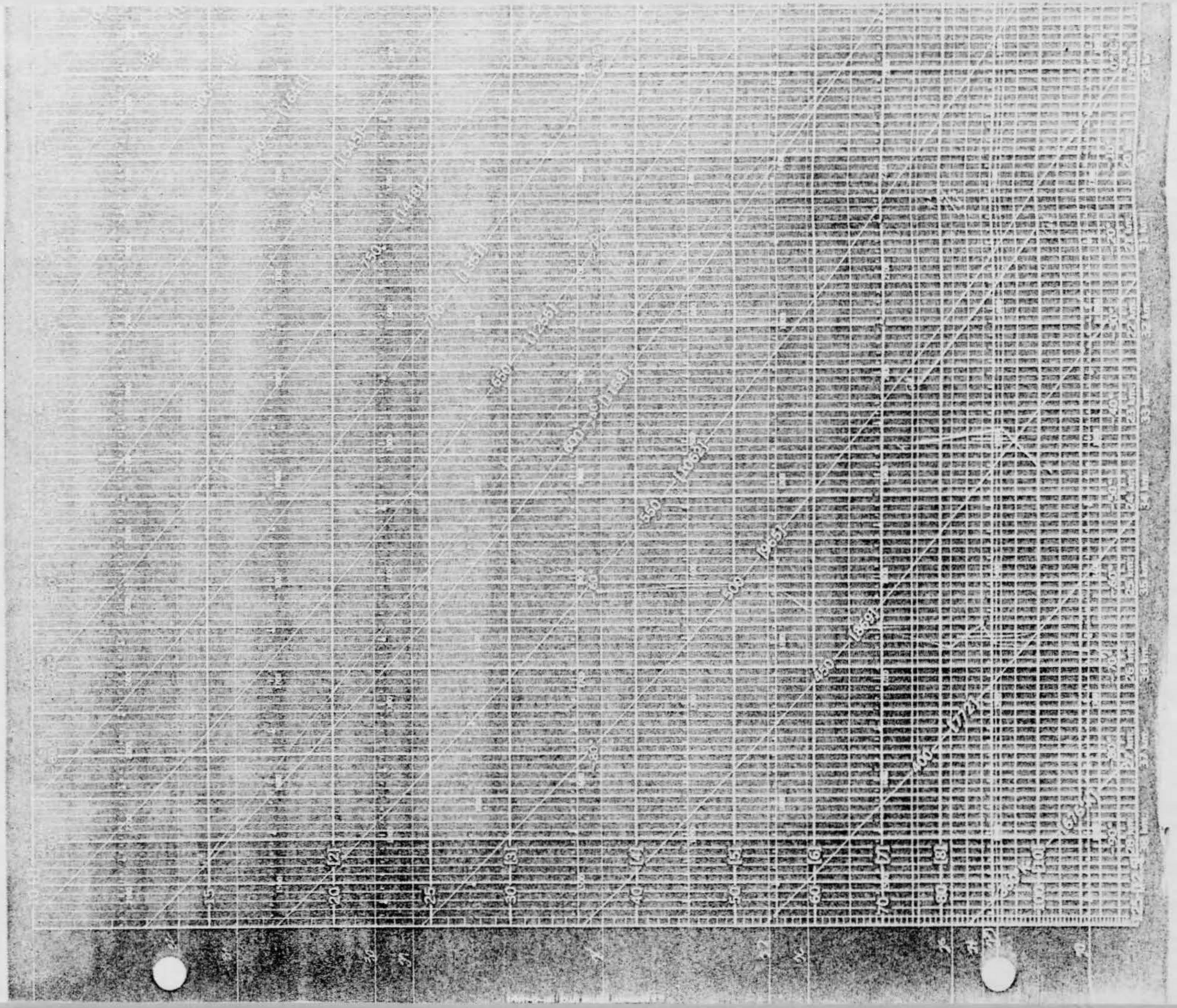
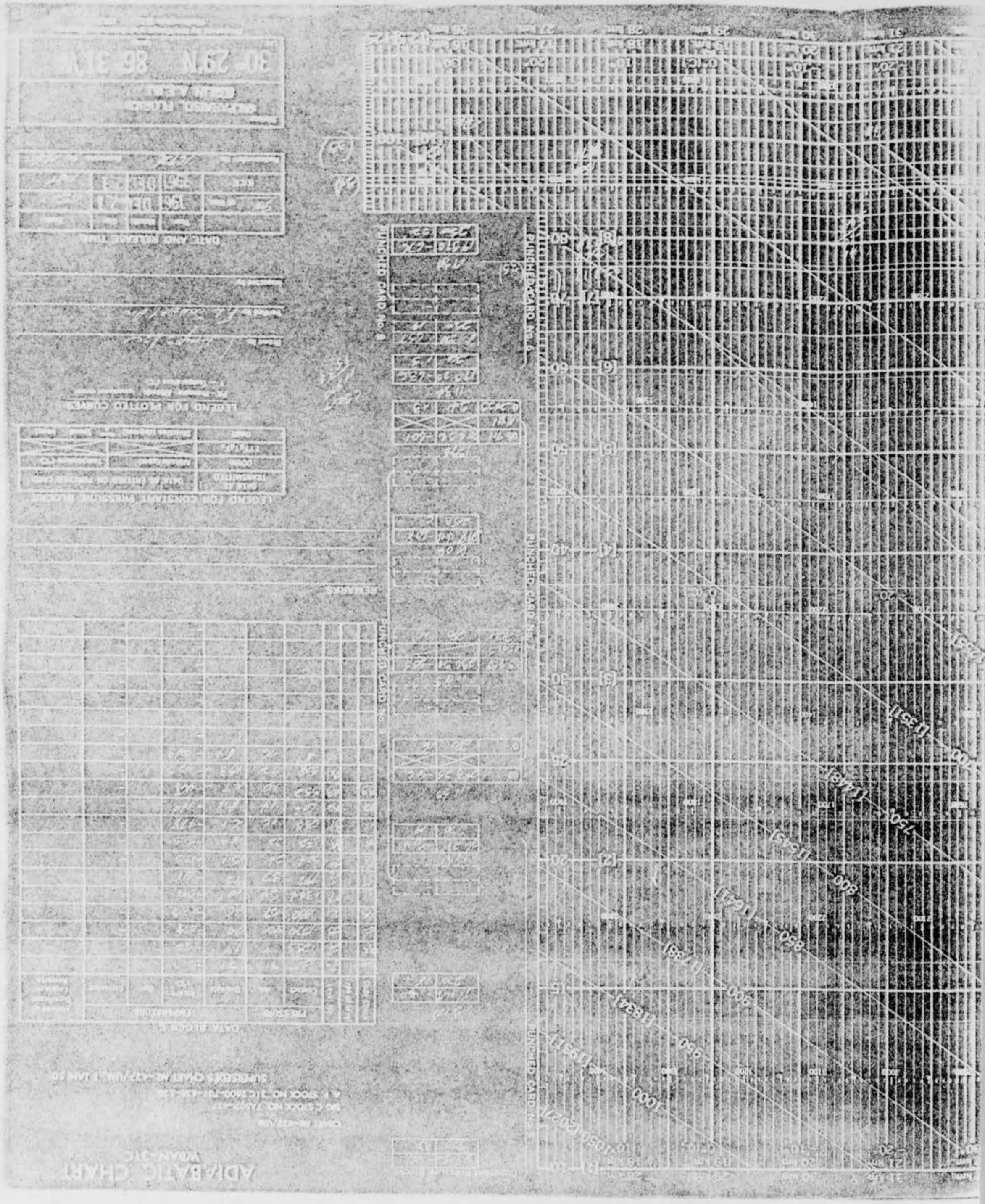
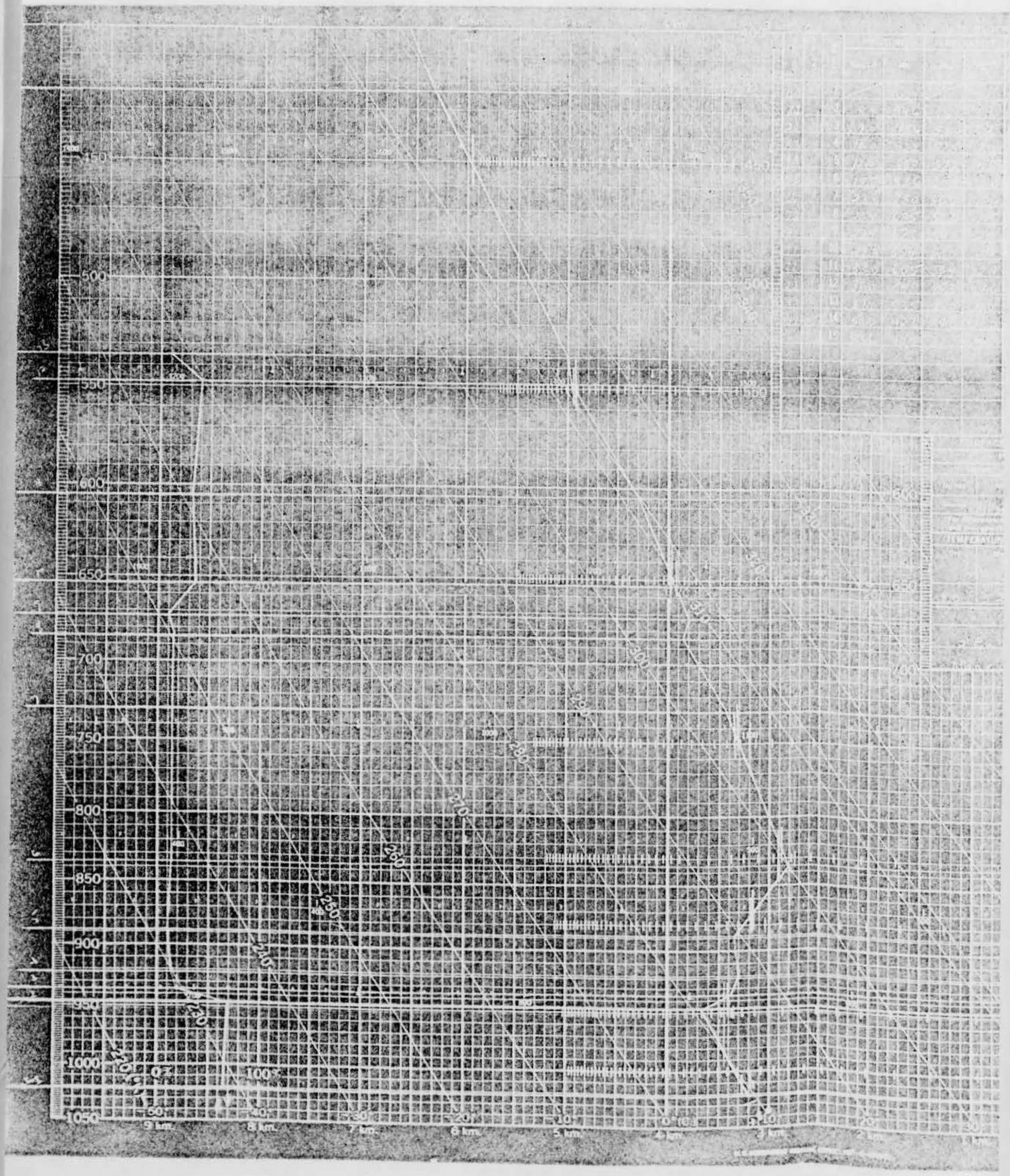
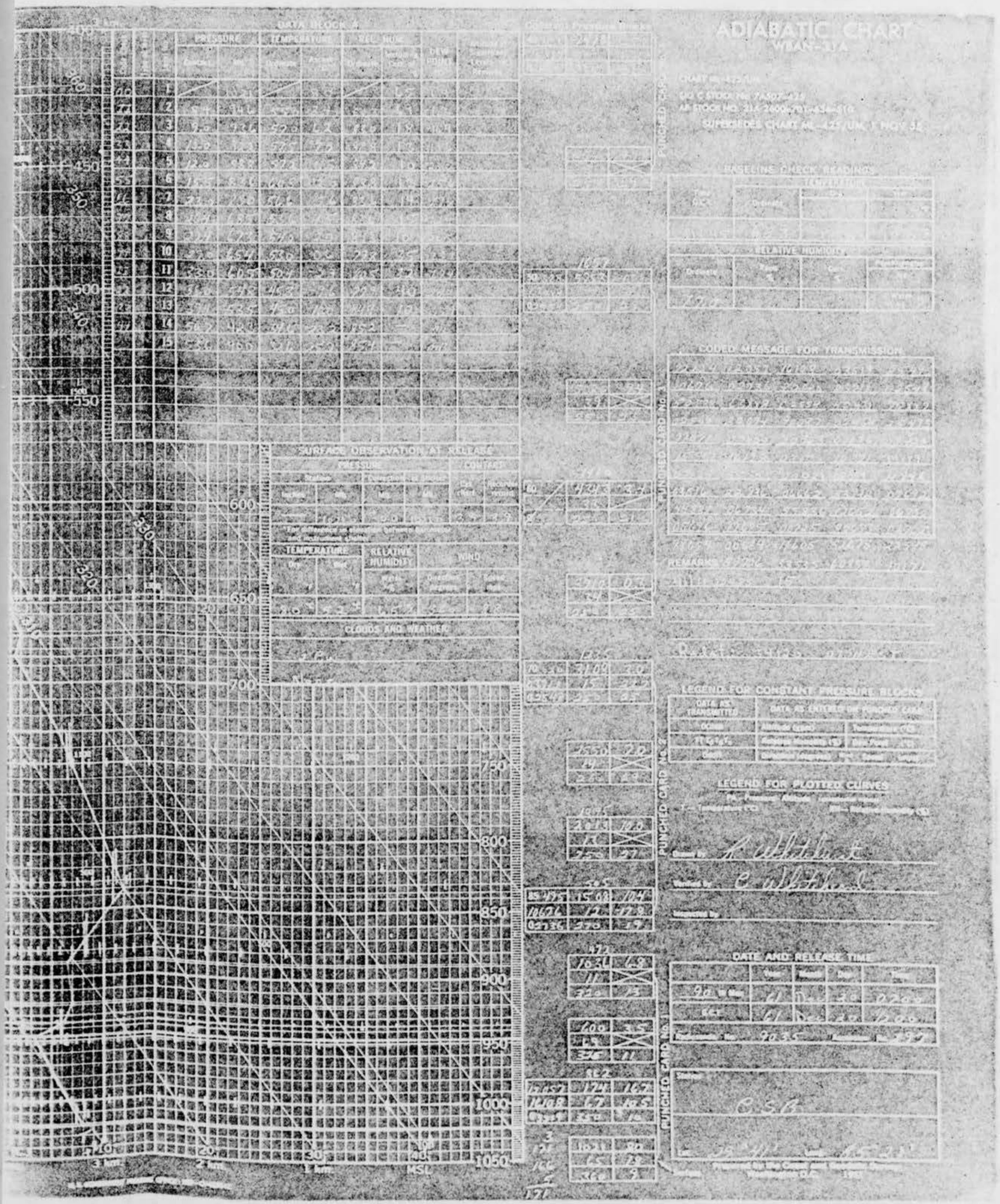
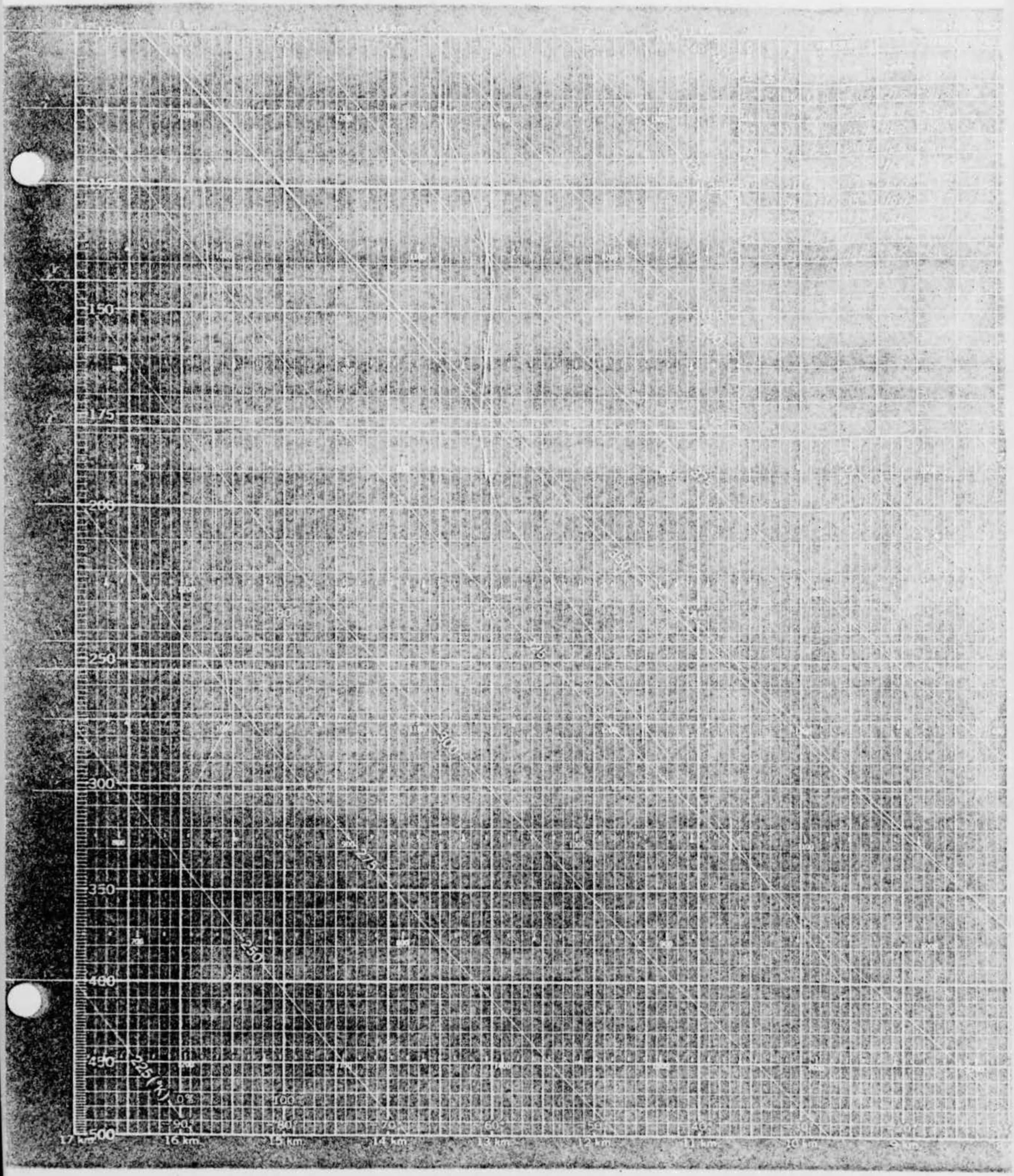
ADIABATIC CHART
CODED MESSAGE FOR TRANSMISSION
LEGEND FOR CONSTANT PRESSURE LEVELS
LEGEND FOR PLOTTED CURVES
PUNCHED CARD
DATE AND RELEASE TIME
30° 29'N 86° 31'W
10 km
9 km
8 km
7 km
6 km
5 km

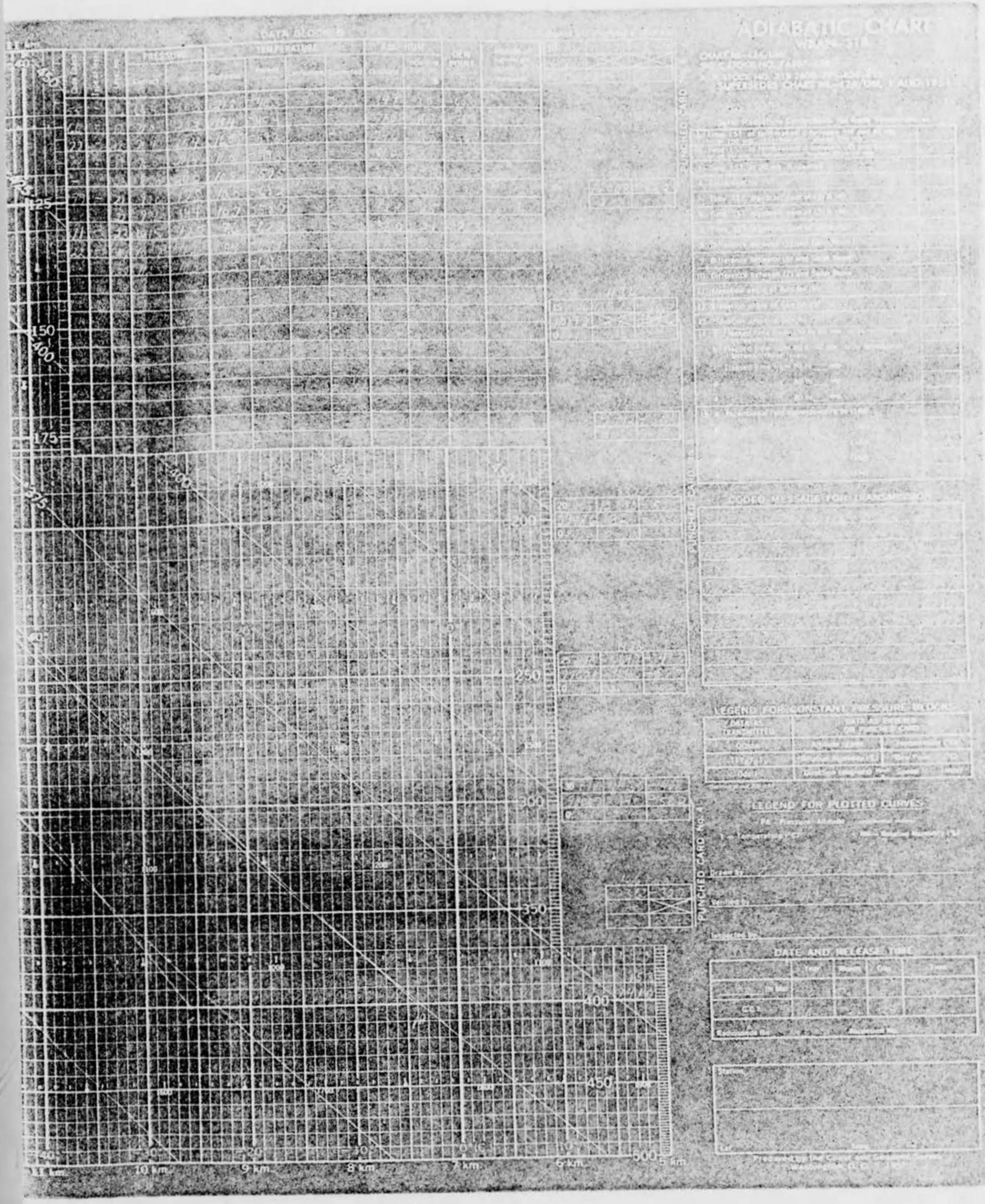


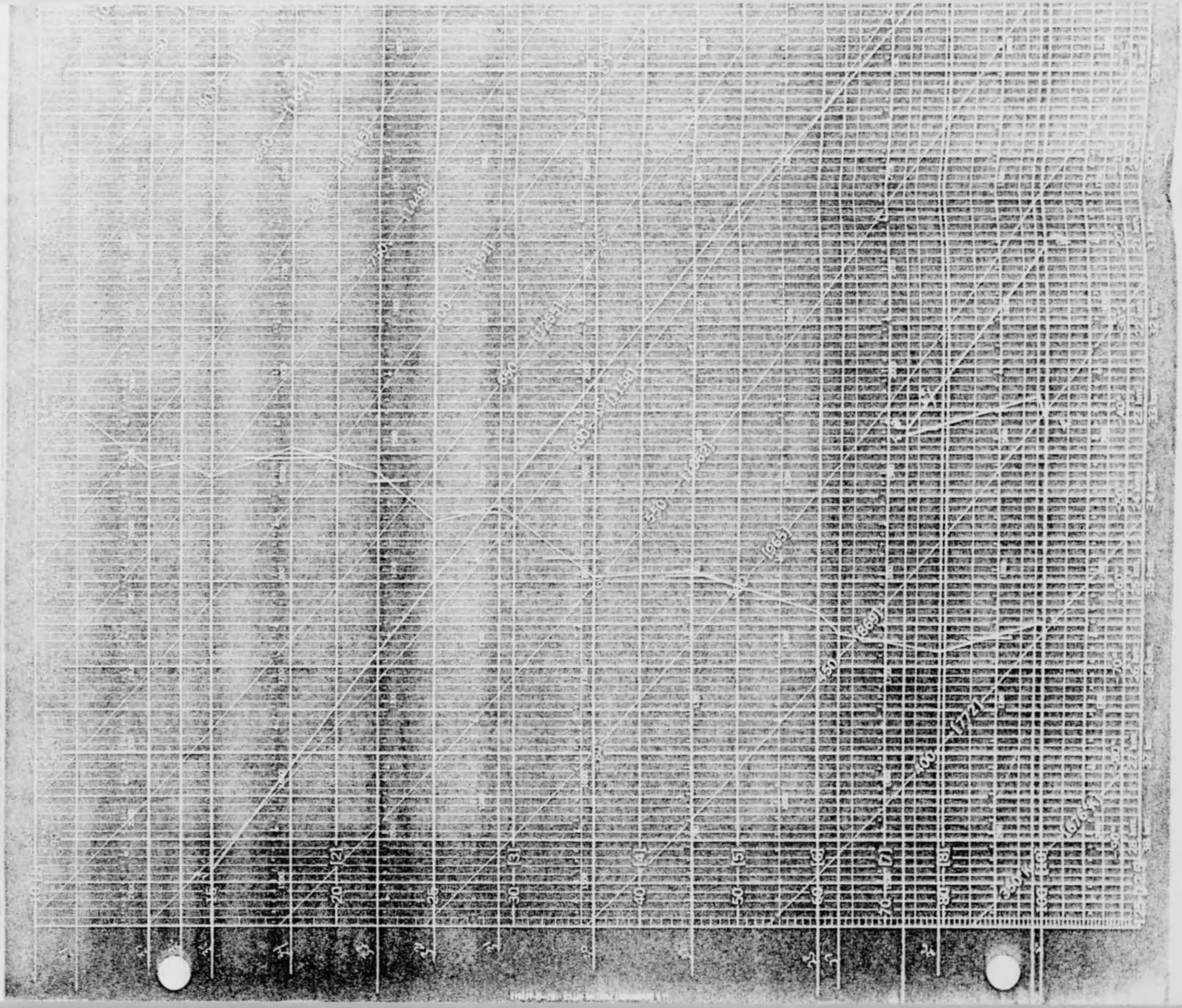


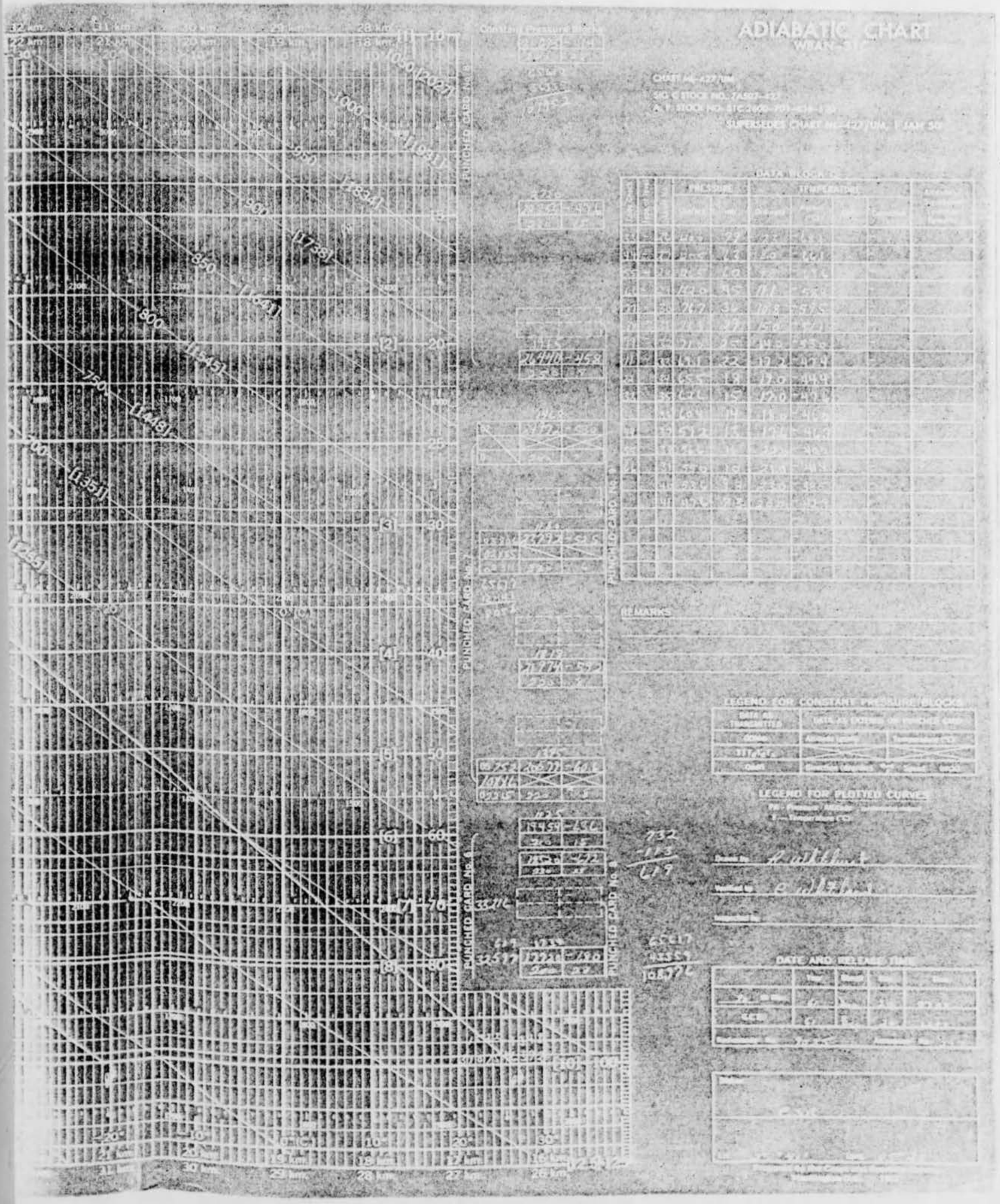

450
500
550
600
650
700
750
800
850
900
1000
1050
9 km
8 km
8 km
5 km

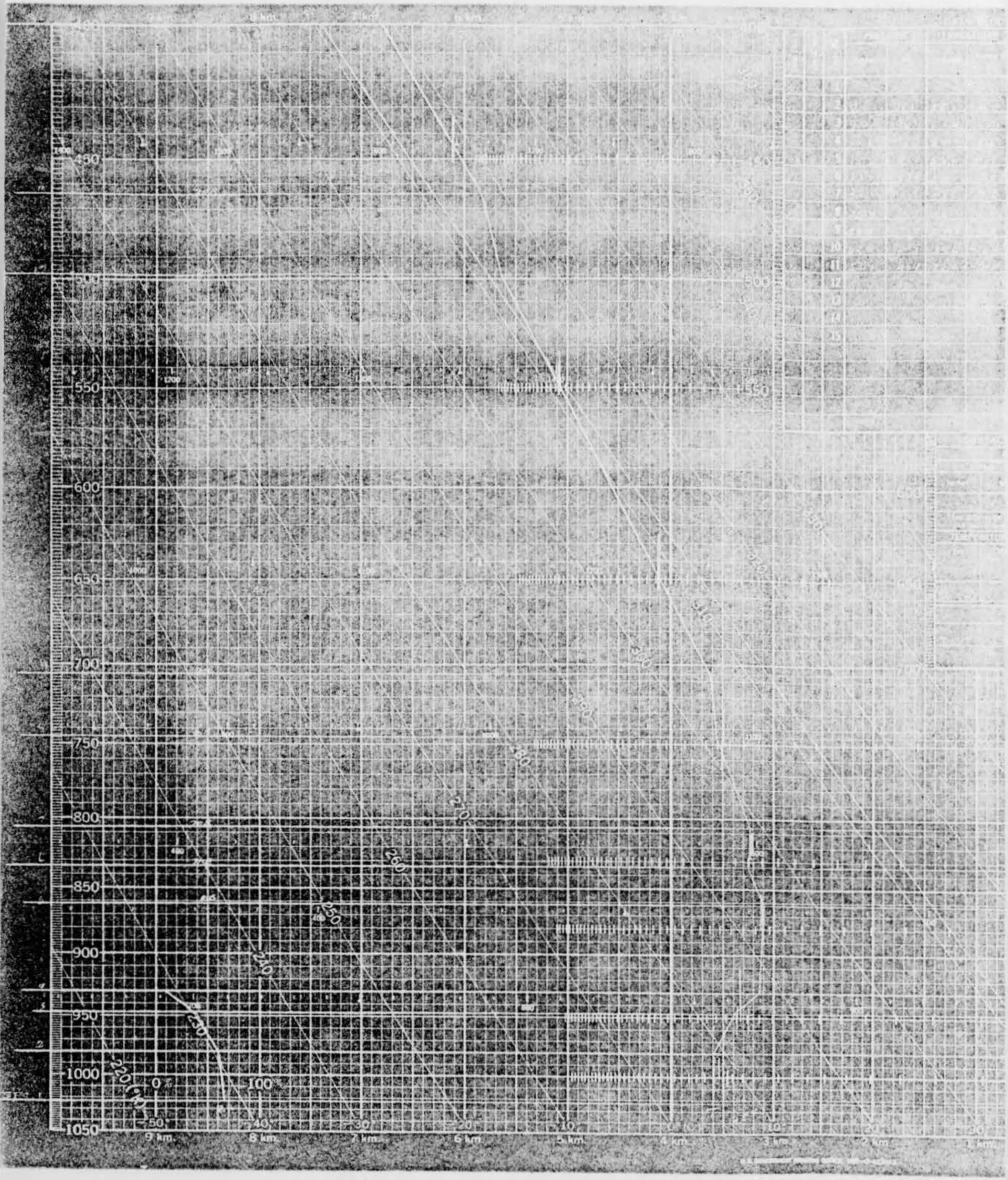

ADIABATIC CHART
WBAN-TA
DATA BLOCK A
PRESSURE
TEMPERATURE
RELATIVE HUMIDITY
WIND
SURFACE OBSERVATION AT RELEASE
CONSTANT PRESSURE
TEMPERATURE
RELATIVE HUMIDITY
WIND
CLOUDS AND WEATHER
ENTERING DATA FOR READING
RELATIVE HUMIDITY
CODED MESSAGE FOR TRANSMISSION
REMARKS
LEGEND FOR CONSTANT PRESSURE BLOCKS
LEGEND FOR PLOTTED CURVES
DATE AND RELEASE TIME
PUNCHED CARD
PUNCHED CARD
PUNCHED CARD


150
175
200
250
300
350
400
450
500
17 km
16 km
15 km
14 km
13 km
12 km
11 km
10 km
90
80
70
60
50
40
30
100
0%


ADIABATIC CHART
PUNCHED CARD No.
DATE AND RELEASE TIME
LEGEND FOR PLOTTED CURVES
10 km
9 km
8 km
7 km
6 km
5 km




ADIABATIC CHART
DATA FOR
PRESSURE
TEMPERATURE
REMARKS
LEGEND FOR CONSTANT PRESSURE BLOCKS
LEGEND FOR PLOTTED CURVES
DATE AND RELEASE TIME
PUNCHED CARD INFORMATION
PUNCHED CARD INFORMATION
PUNCHED CARD INFORMATION


450
550
600
650
700
750
800
850
900
950
1000
1050
9 km.
8 km.
7 km.
6 km.
5 km.
4 km.
3 km.
2 km.
1 km.

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

REPLY TO
ATTN OF: CCDPD

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

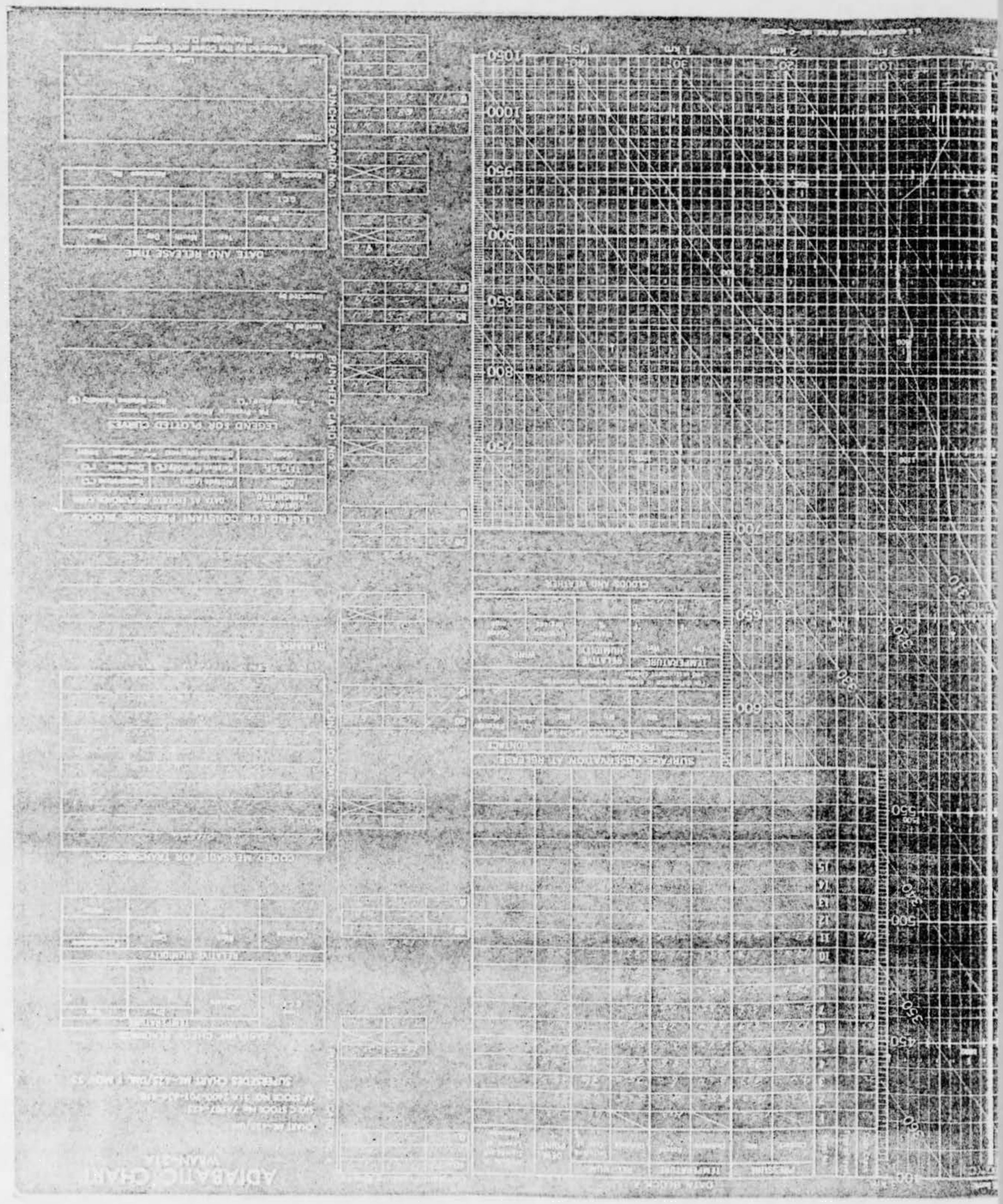
Observations not received from Cape San Blas for 22 Dec 1961.

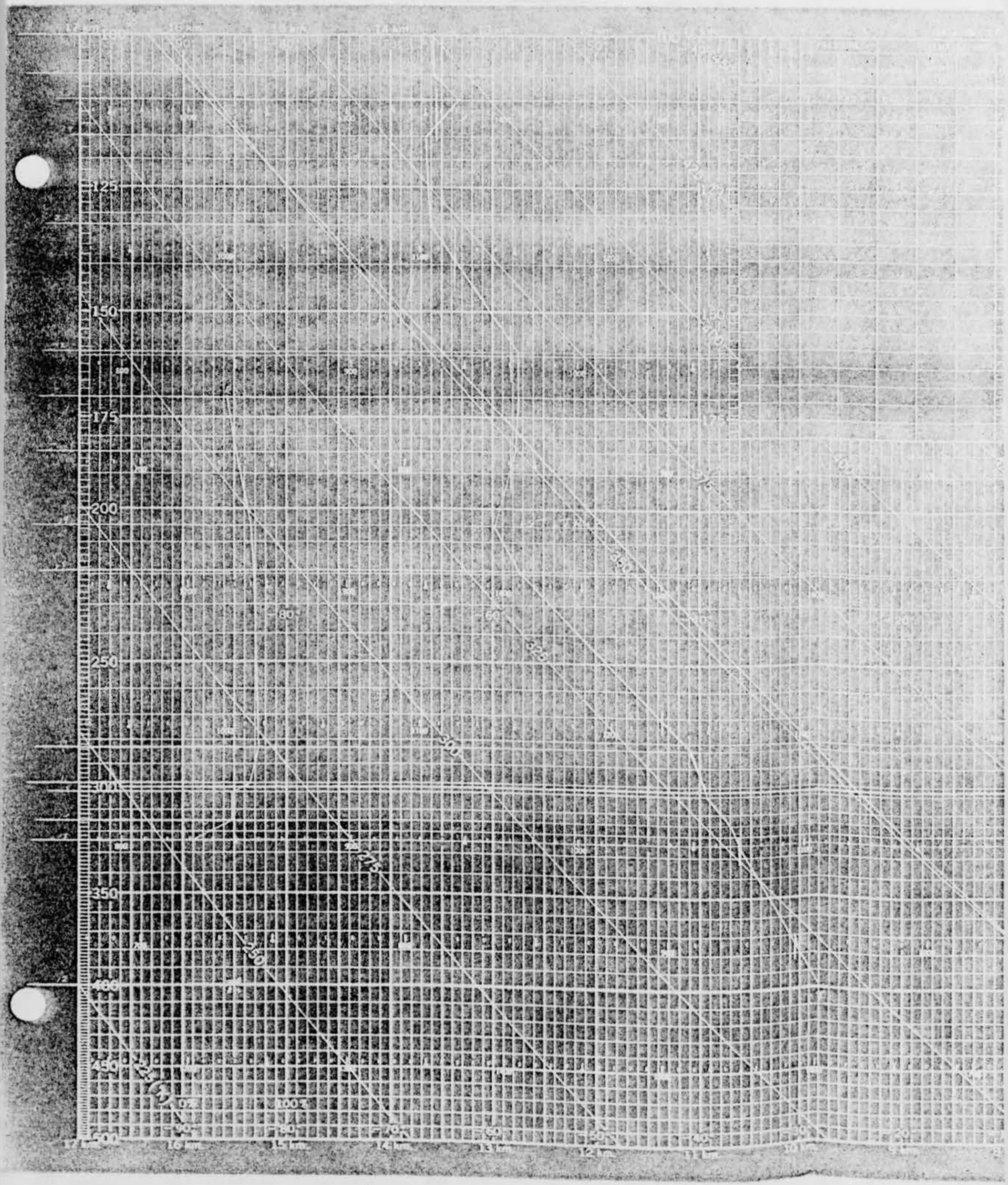
FOR THE DIRECTOR

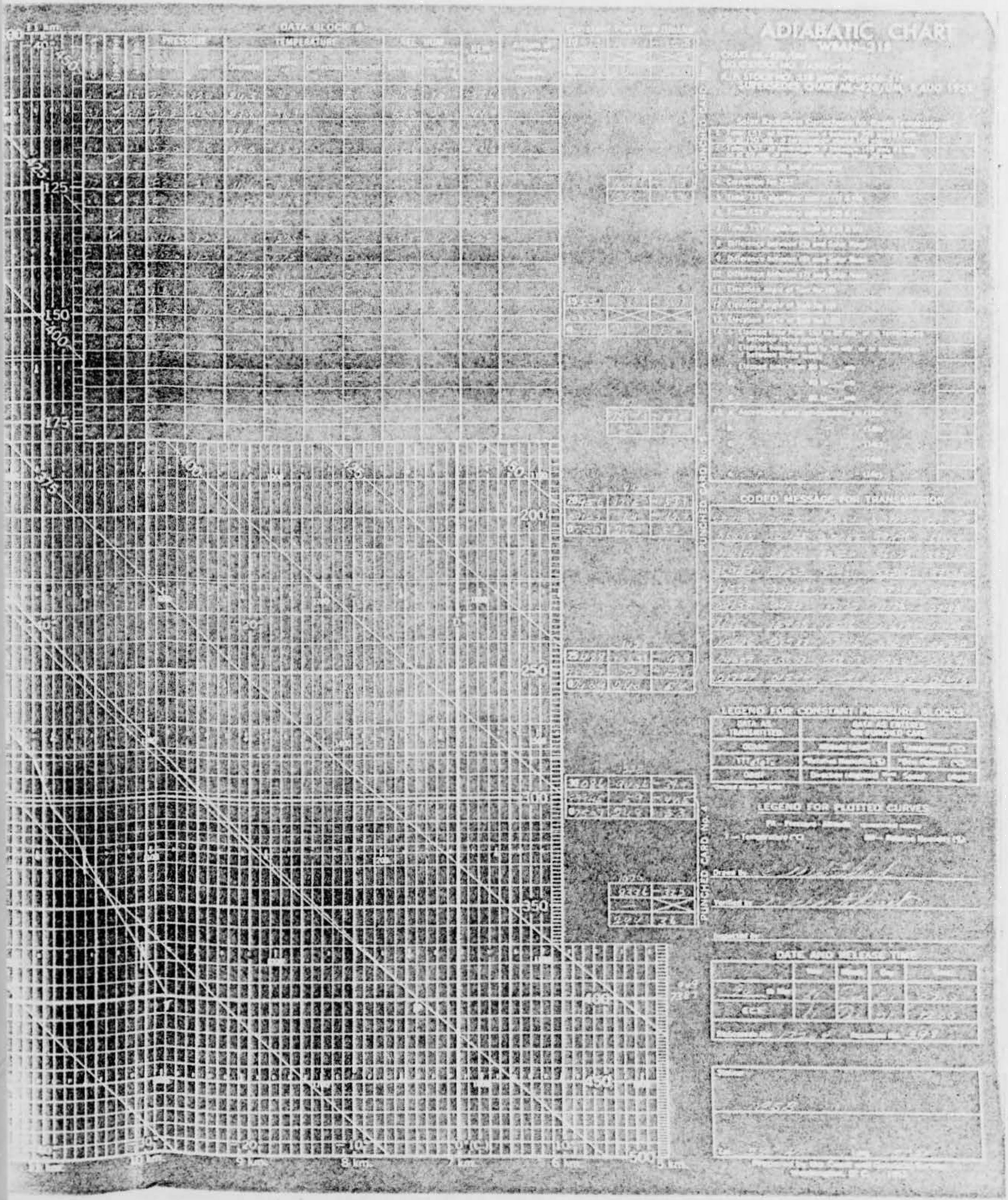
James R. Dolcater

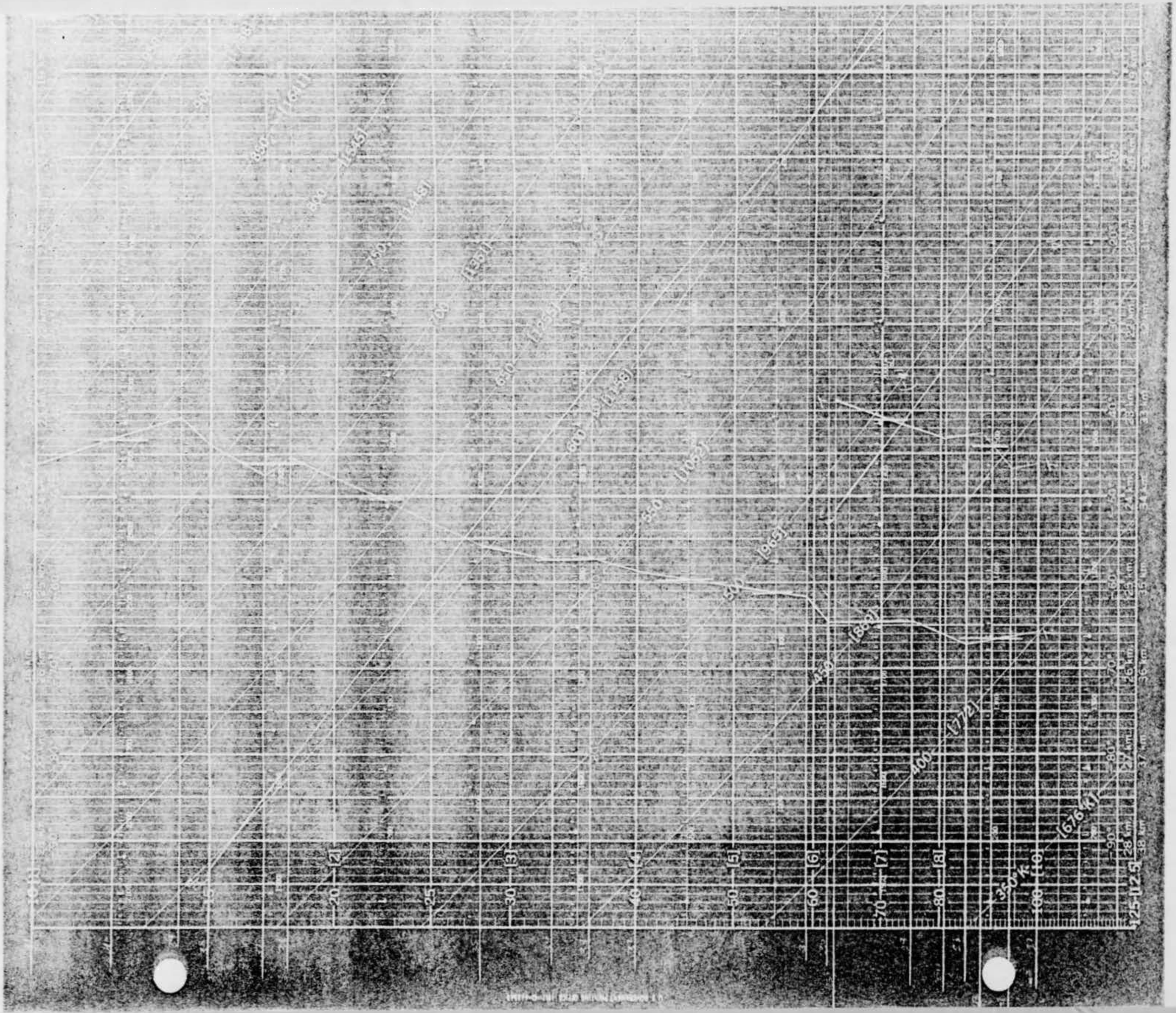
JAMES R. DECOSTER
Chief, Data Processing Division

Atch
Photocopies/Adiabatic Charts




125
150
175
200
250
350
450


DATA BLOCK
TEMPERATURE
ADIABATIC CHART
PUNCHED CARD NO.
CODED MESSAGE FOR TRANSMISSION
LEGEND FOR PLOTTED CURVES
DATE AND TIME
50
100
125
150
175
200
250
300
350
400
500
600
700
800
900
1000



ADIABATIC CHART

PRESSURE

TEMPERATURE

REMARKS

LEGEND FOR CONSTANT PRESSURE BLOCK

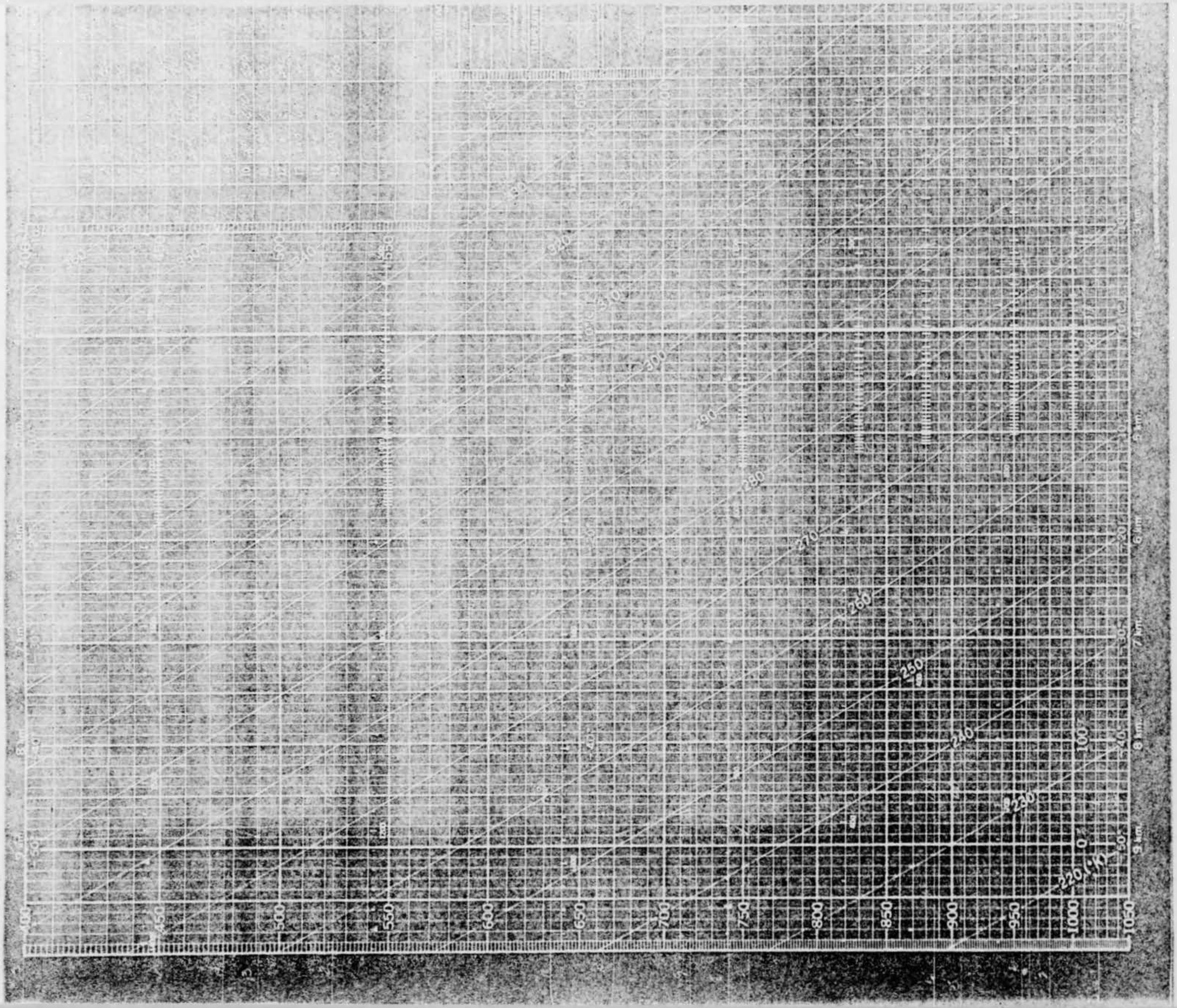
TRANSMITTED	DATA AS INITIALLY OBTAINED	

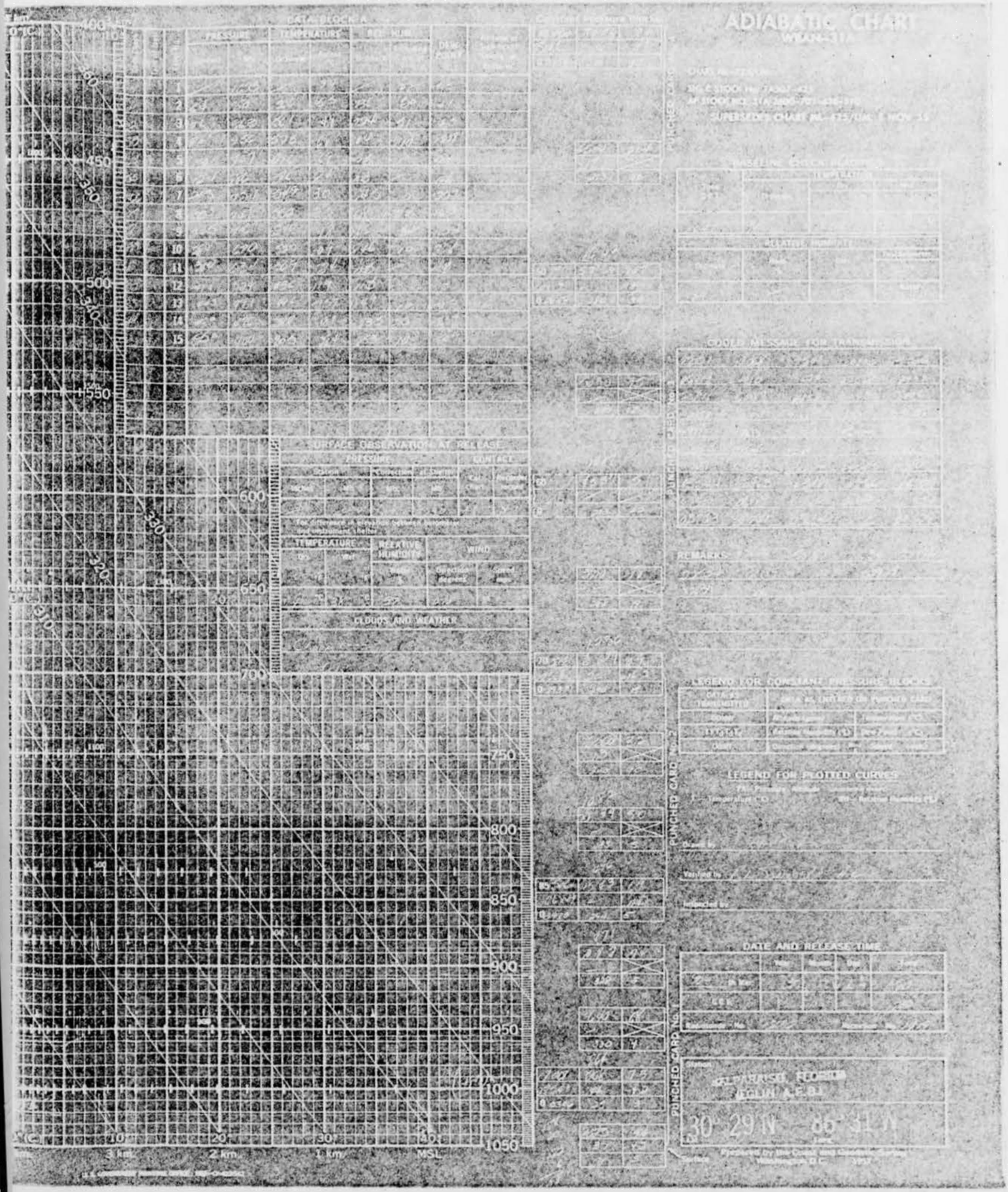
LEGEND FOR PLOTTED CURVES

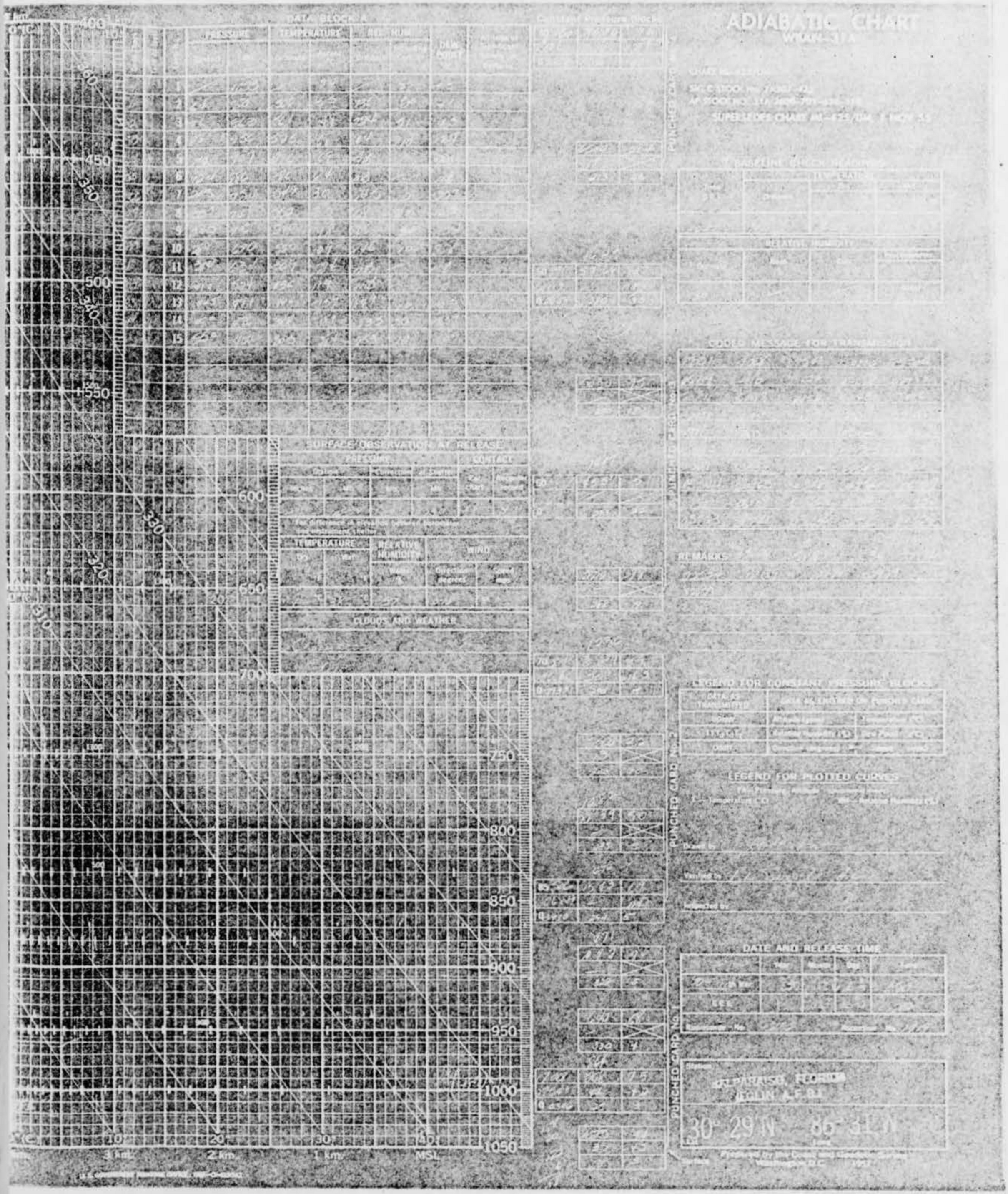
DATE AND RELEASE TIME

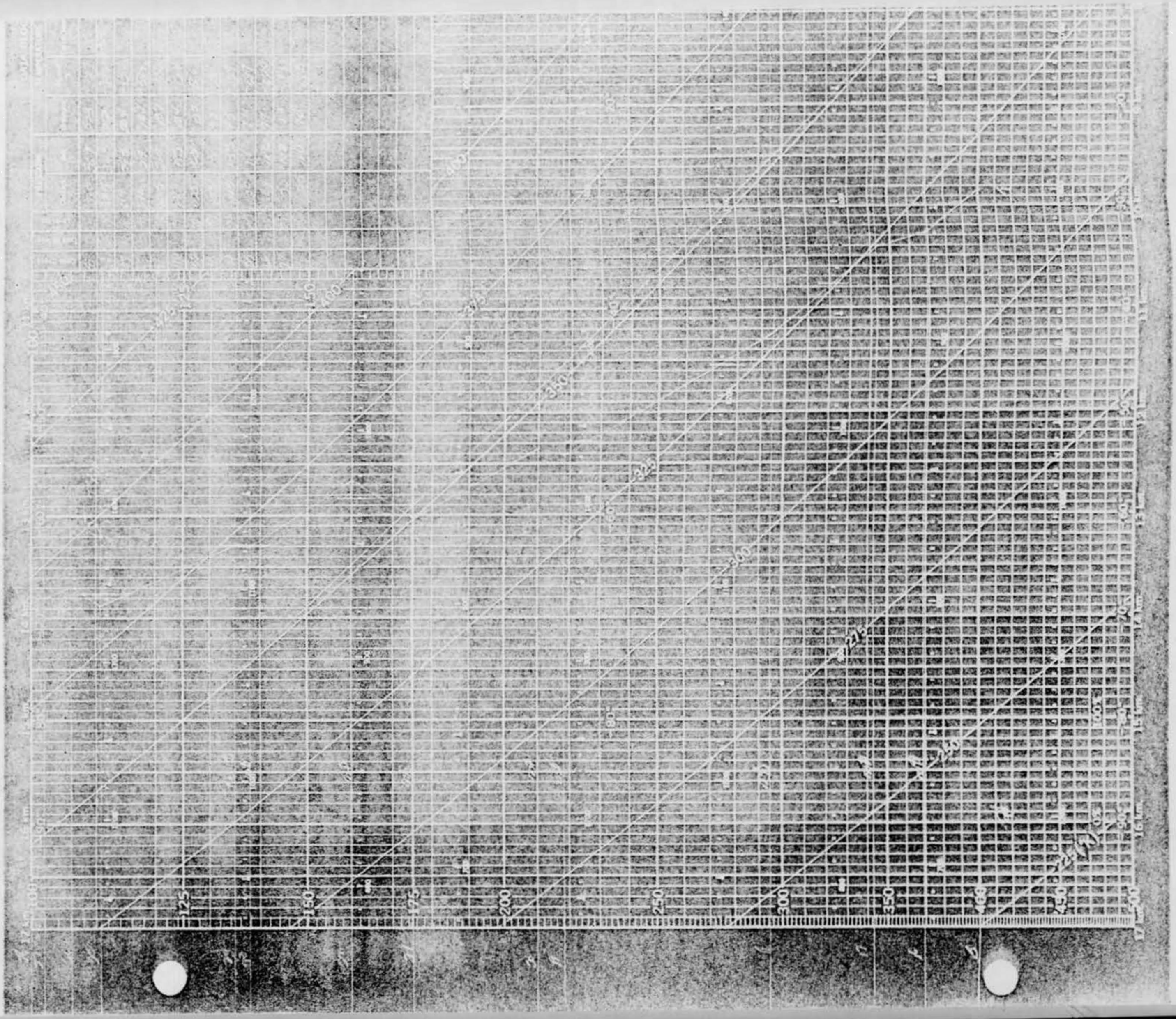
PUNCHED CARD No. 6

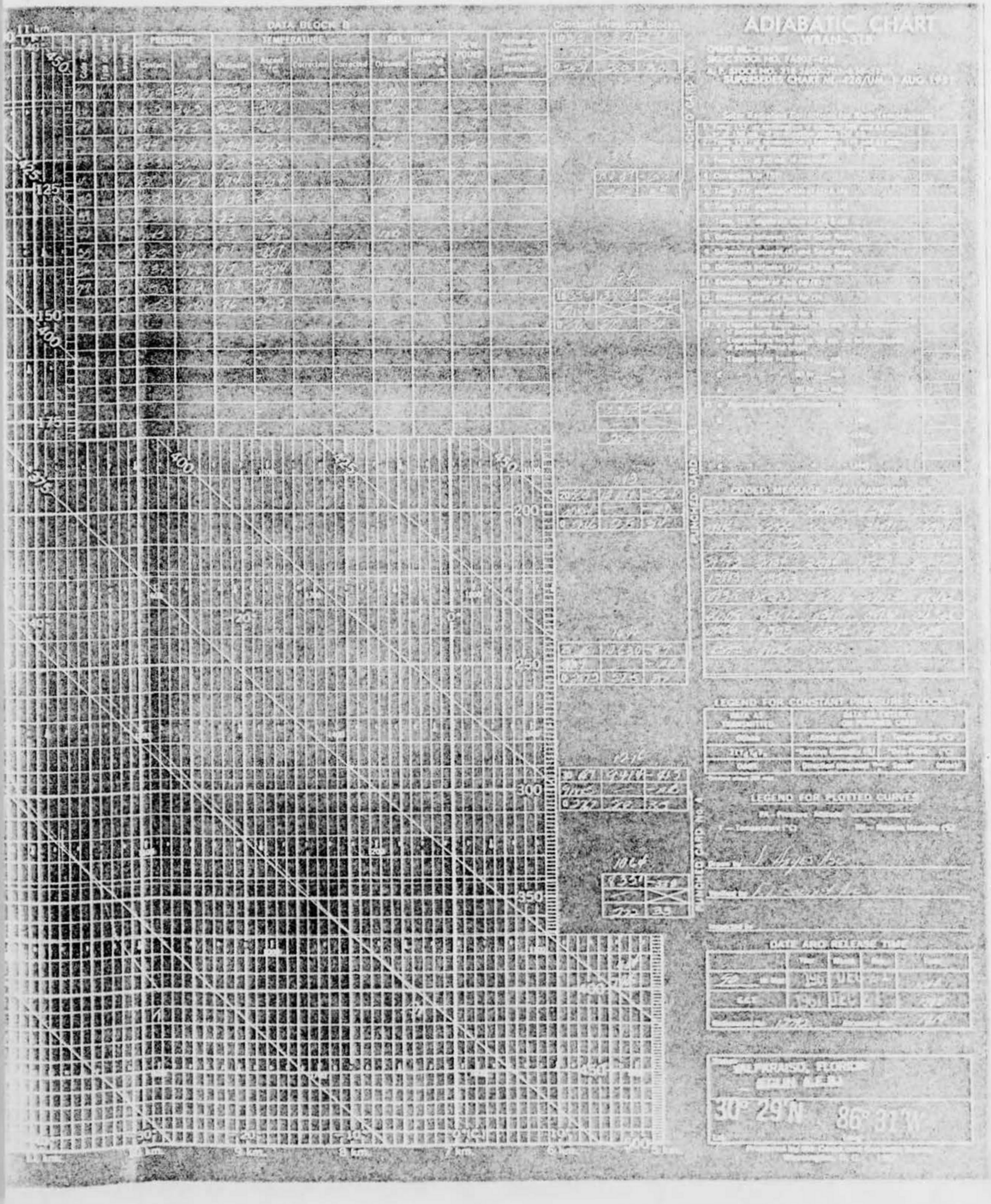
PUNCHED CARD No. 7




ADIABATIC CHART
PUNCHED CARD
PUNCHED CARD NO.
LEGEND FOR PLOTTED CURVES
DATE AND RELEASE TIME
REMARKS
SURFACE OBSERVATION AT RELEASE
TEMPERATURE
RELATIVE HUMIDITY
WIND
CLOUDS AND WEATHER
3 Km
2 Km
1 Km
MSL


ADIABATIC CHART
DATA BLOCK
TEMPERATURE
DEW POINT
DATA SOURCE
SURFACE OBSERVATION
PRESSURE
HEIGHT
TEMPERATURE
RELATIVE HUMIDITY
WIND
CLOUDS AND WEATHER
CODED MESSAGE FOR TRANSMISSION
LEGEND FOR CONSTANT PRESSURE
LEGEND FOR PLOTTED CURVES
DATE AND RELEASE TIME
30° 29' N 86° 31' W
100
90
450
350
500
540
550
600
330
320
650
310
700
750
800
850
900
950
1000
1050
10
15
20
25
30
40
1 km
2 km
MSL




DATA BLOCK 1B
PRESSURE
TEMPERATURE
REL HUM
Observed
Ascent
Corrected
Corrected
Observed
Corrected
Observed
Corrected
Corrected
Corrected

4 45 Lbd

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

REPLY TO ATTN OF: ABDO

3 JAN 1962

SUBJECT: Report on Unidentified Flying Object (UFO)

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

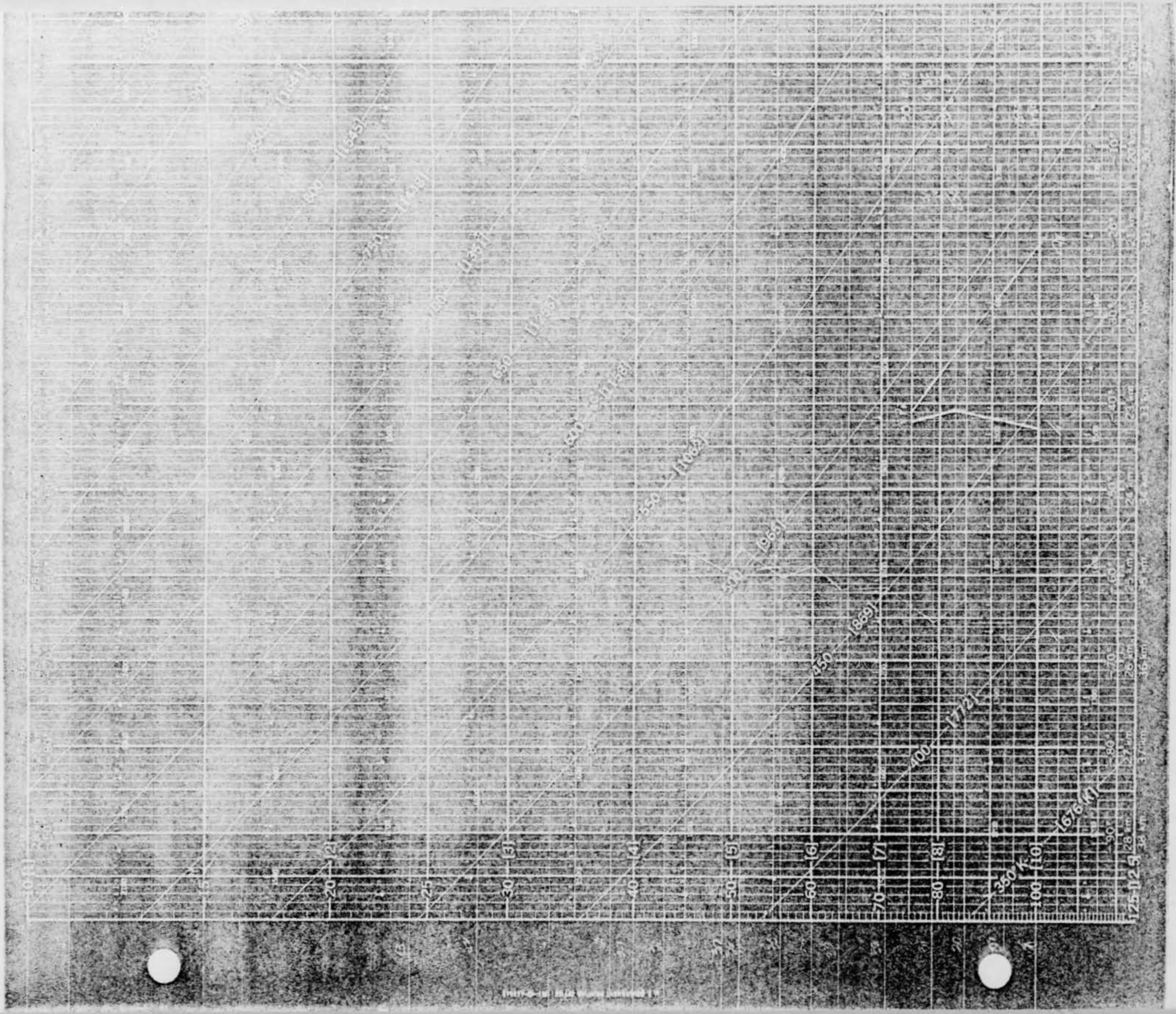
In accordance with AFR 200-2, paragraph 15, dated 14 September 1959, the attached Flying Object Report and sketch are submitted.

FOR THE COMMANDER:

Robert E Cole

ROBERT E. COLE
Captain, USAF
Base Administrative Officer

2 Atch
a/s



ADIABATIC CHART

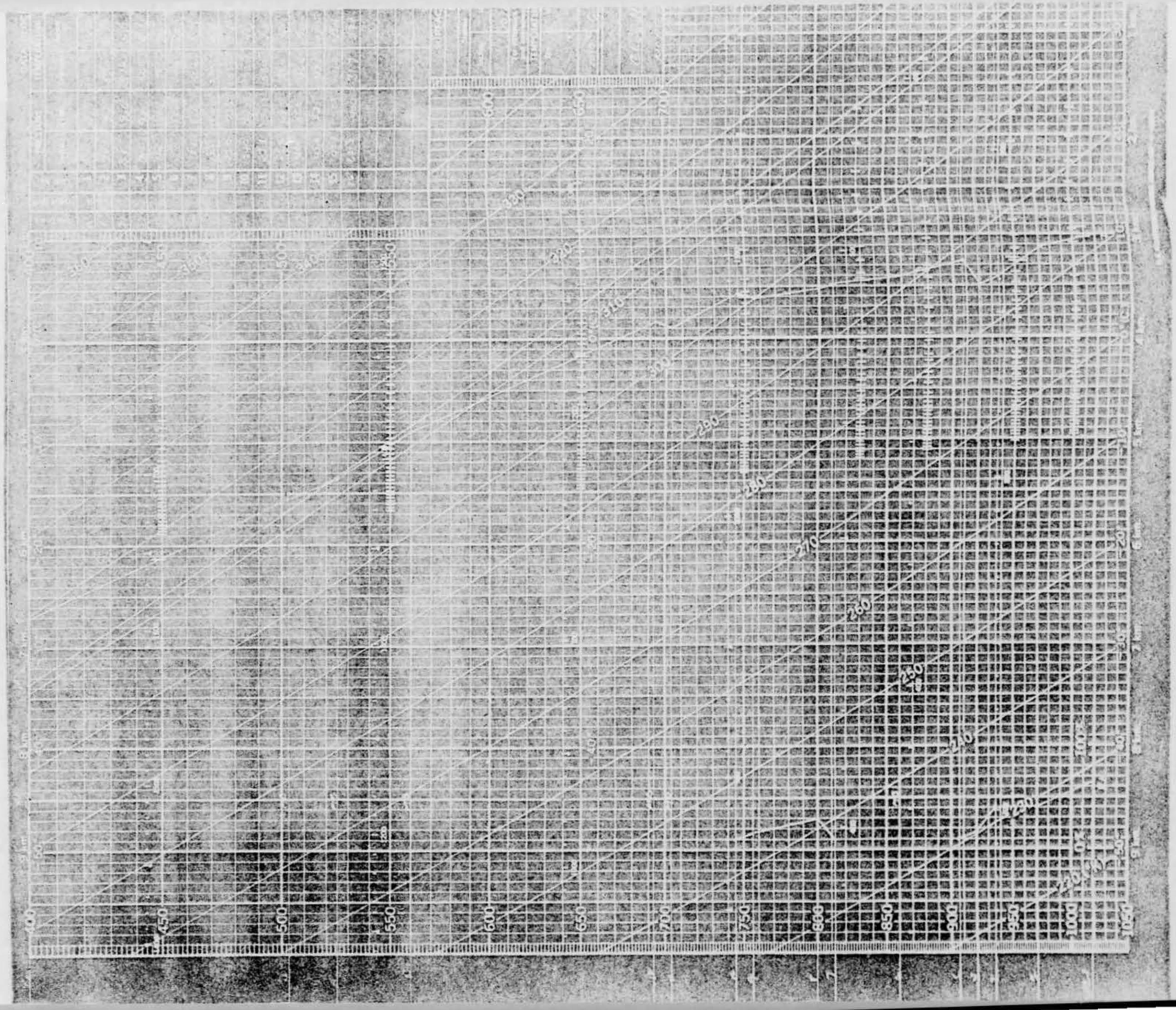
WBAN-31C

LEGEND FOR PLOTTED CURVES

VALPARAISO, FLORIDA

(EGLIN A.F.B.)

86° 29'N 86° 31'W



ADIABATIC CHART

WBAN-31A

DATA BLOCK A

PRESSURE | TEMPERATURE | RELATIVE HUMIDITY | DEW POINT | WIND

SURFACE OBSERVATION AT RELEASE

PRESSURE | CONTACT

TEMPERATURE | RELATIVE HUMIDITY | WIND

CLOUDS AND WEATHER

CODED MESSAGE FOR TRANSMISSION

REMARKS

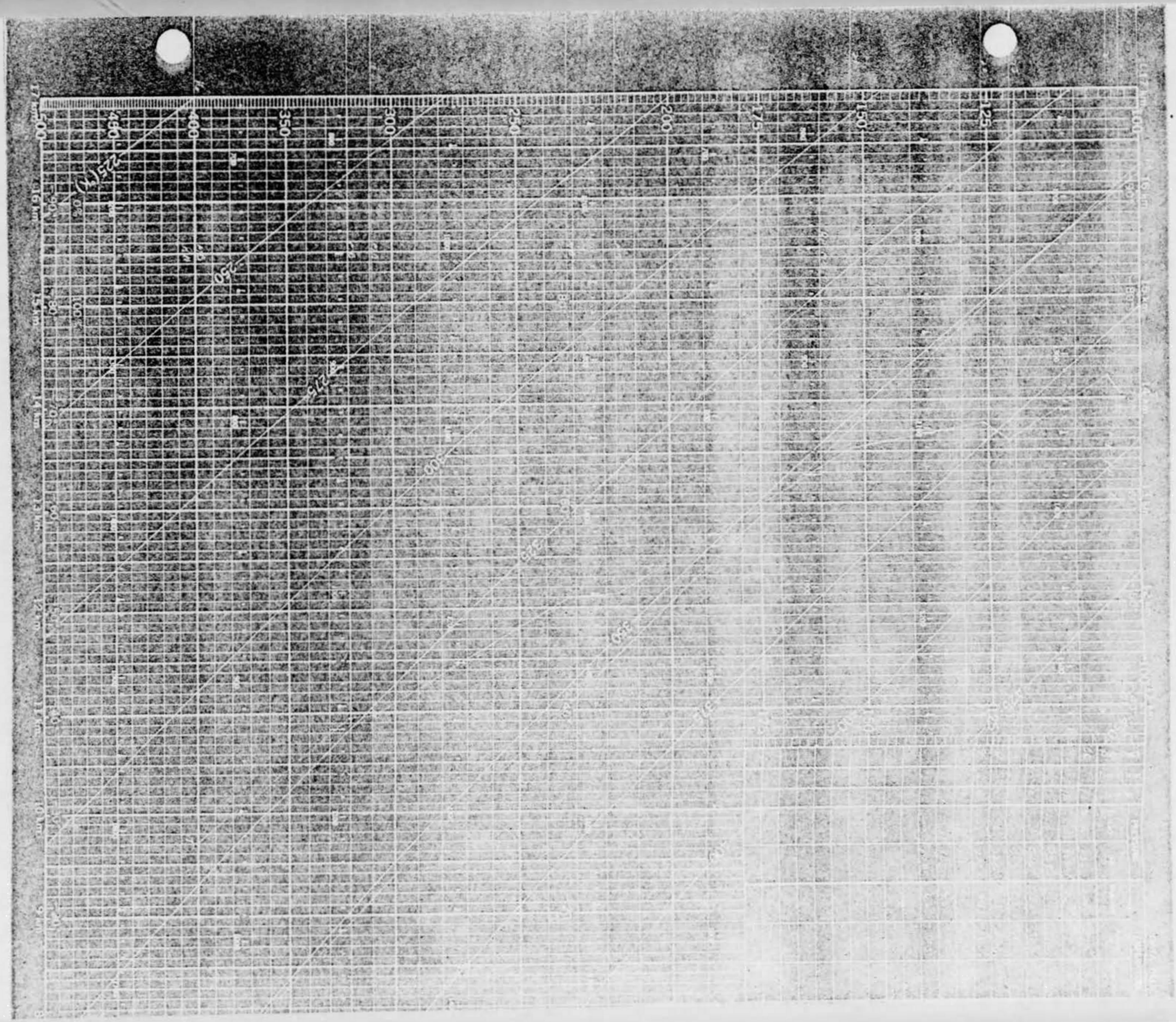
LEGEND FOR CONSTANT PRESSURE CHARTS

LEGEND FOR PLOTTED CURVES

DATE AND RELEASE TIME

1961 DEC 2

1961 DEC 2



DATA BLOCK B

PRESSURE

TEMPERATURE

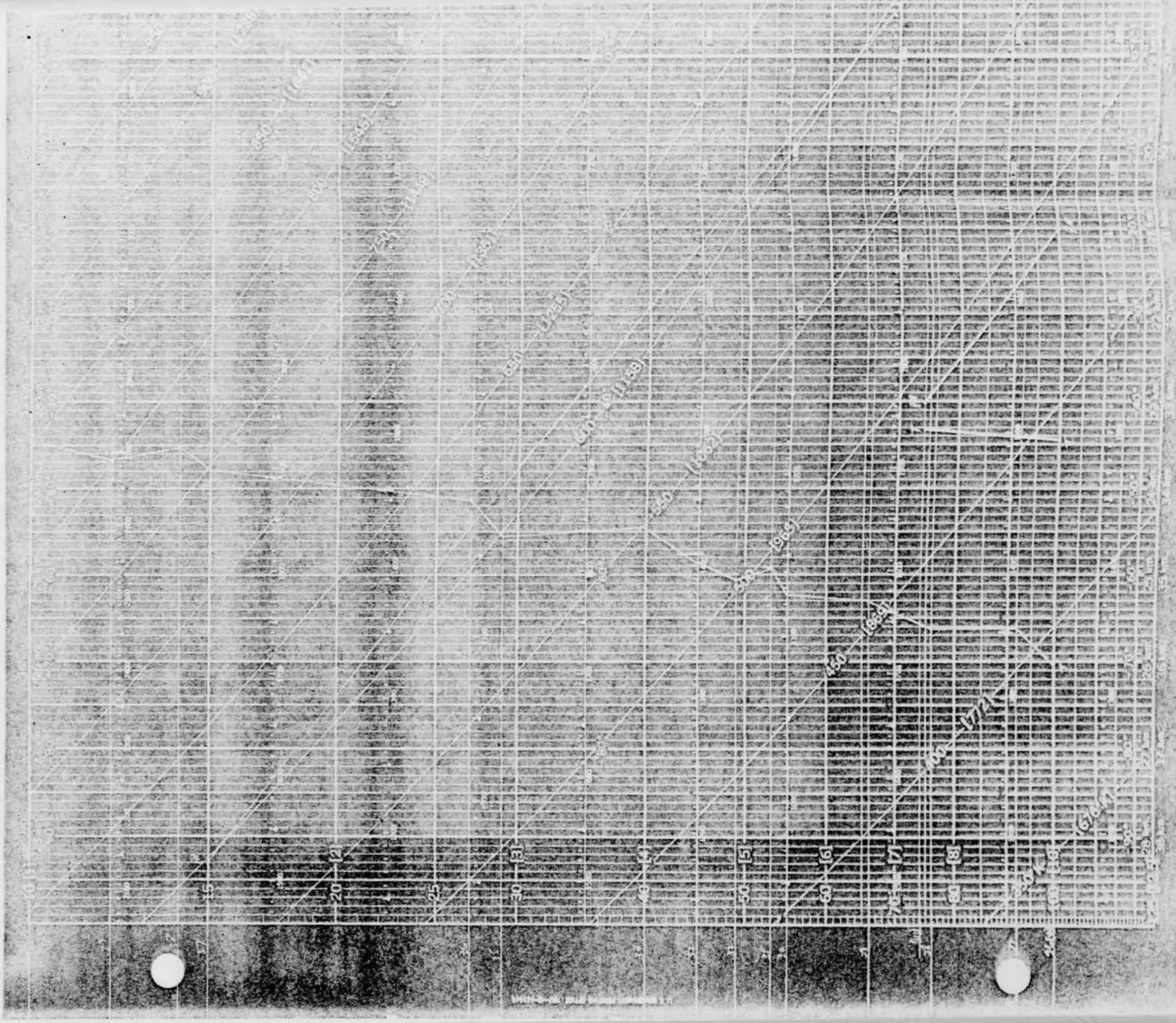
ADIABATIC CHART

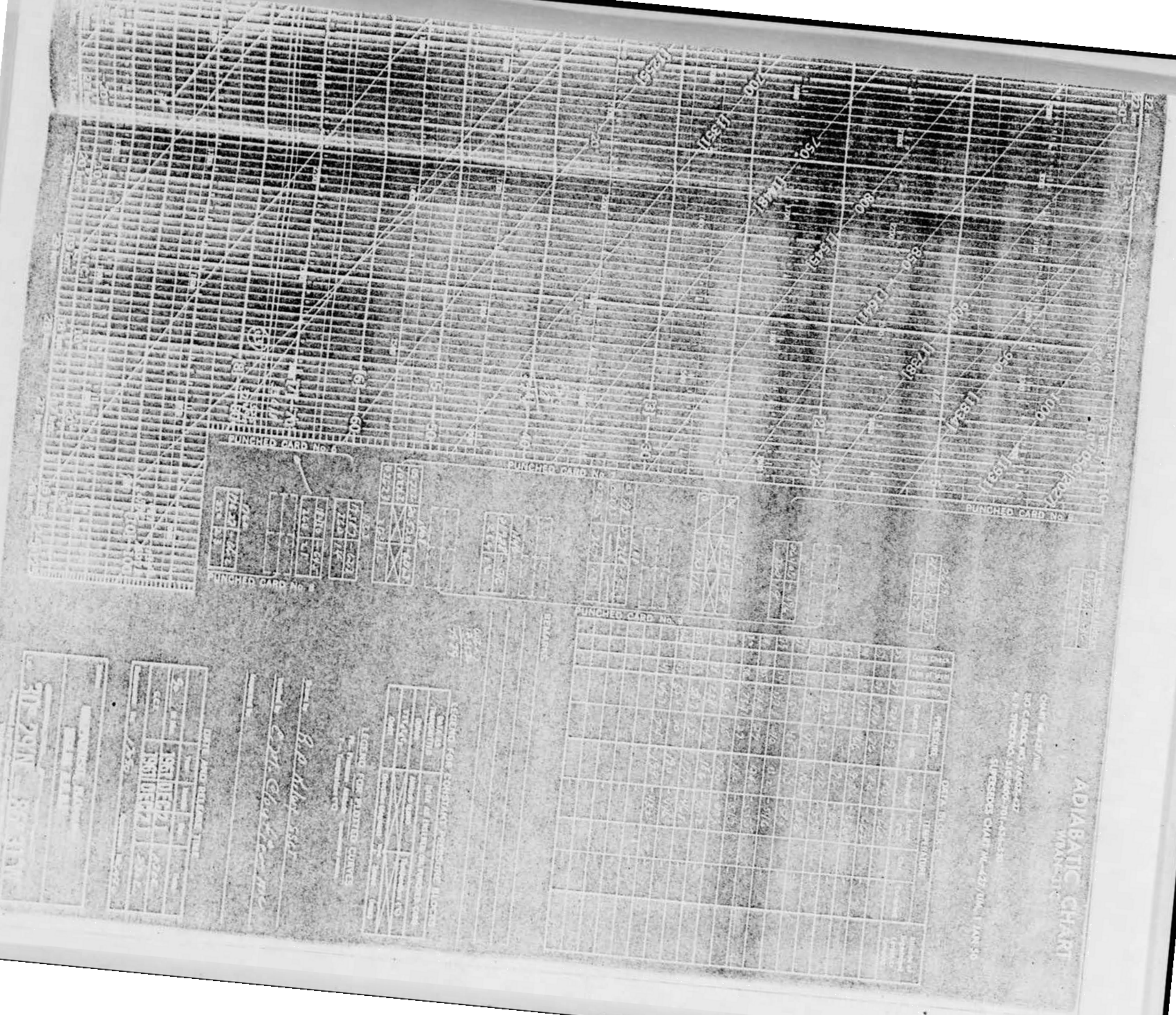
LEGEND FOR CONSTANT PRESSURE BLOCKS

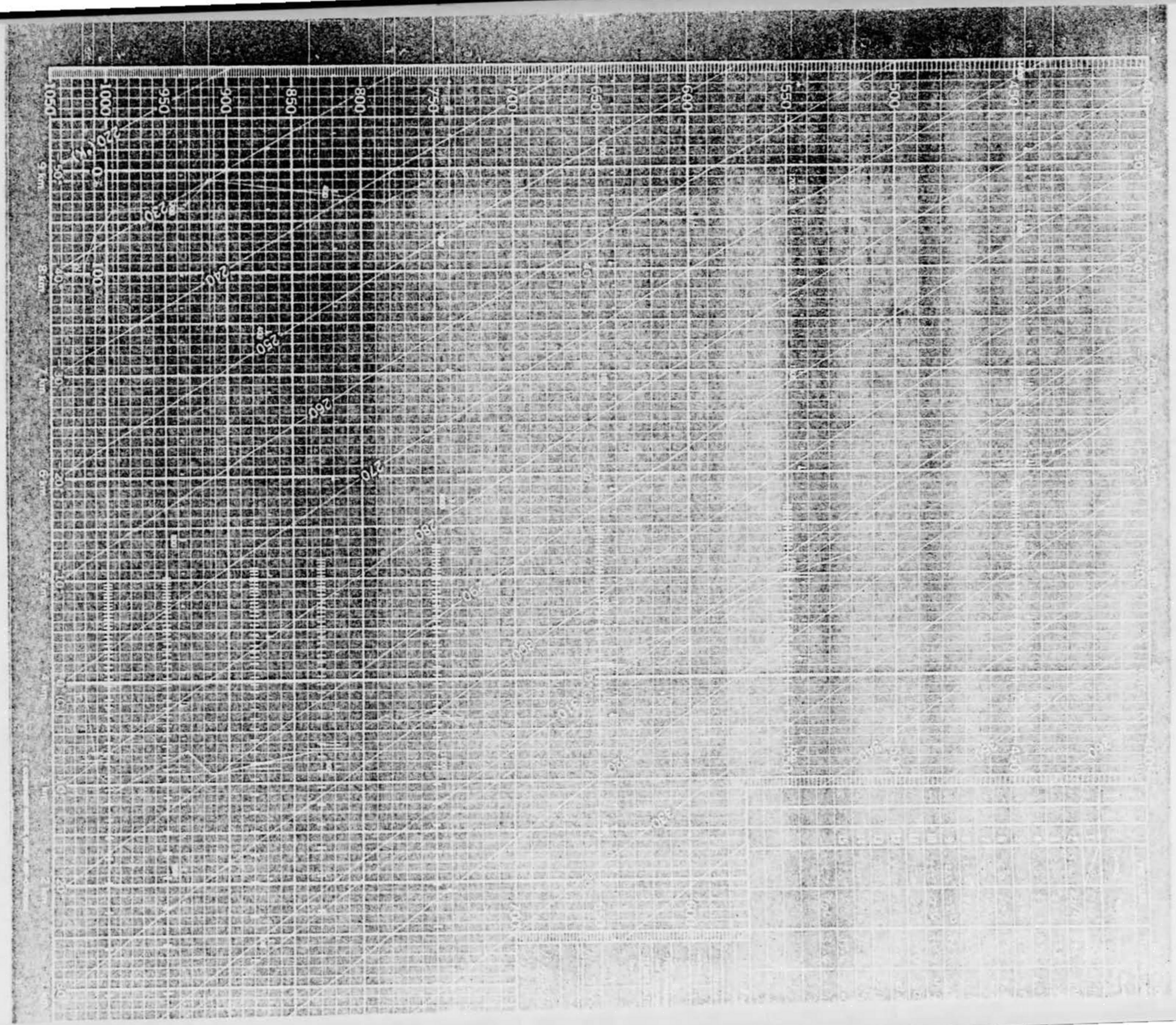
LEGEND FOR PLOTTED CURVES

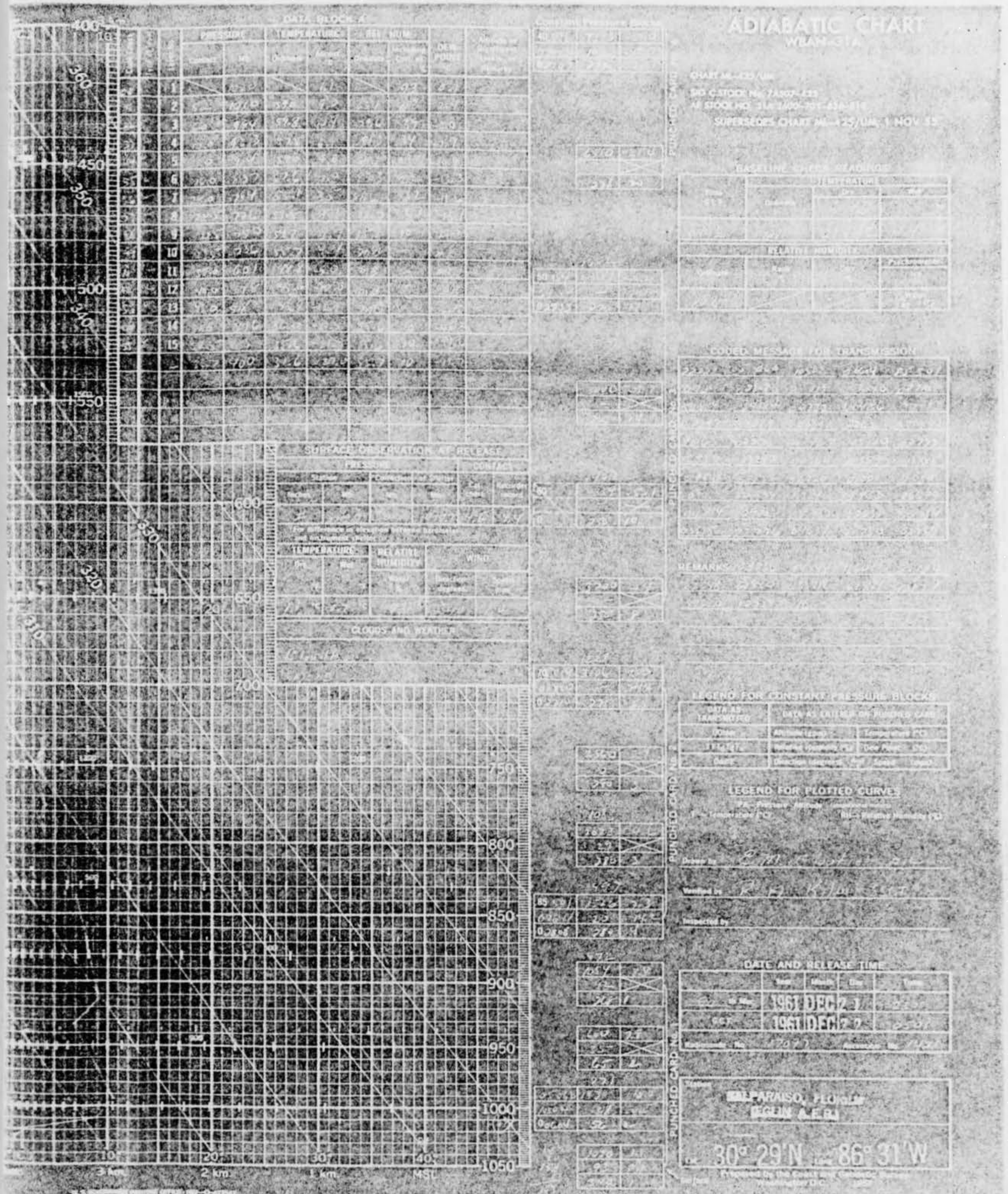
DATE AND RELEASE TIME

30° 29'N 86° 31'W




PUNCHED CARD No. 1
PUNCHED CARD No. 2
PUNCHED CARD No. 3
PUNCHED CARD No. 4
ADIABATIC CHART




ADIABATIC CHART
DATA BLOCK A
SURFACE OBSERVATION AT RELEASE
TEMPERATURE
RELATIVE HUMIDITY
WIND
CLOUDS AND WEATHER
CODED MESSAGE FOR TRANSMISSION
REMARKS
LEGEND FOR CONSTANT PRESSURE BLOCKS
LEGEND FOR PLOTTED CURVES
DATE AND RELEASE TIME
1961 DEC 21
1961 DEC 22
30° 29 N 86° 31 W
PUNCHED CARD NO. 1
PUNCHED CARD NO. 2
400
450
500
550
600
650
700
750
800
850
900
950
1000
1050
10
20
30
40
3 Km
2 Km
1 Km
MSL

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:

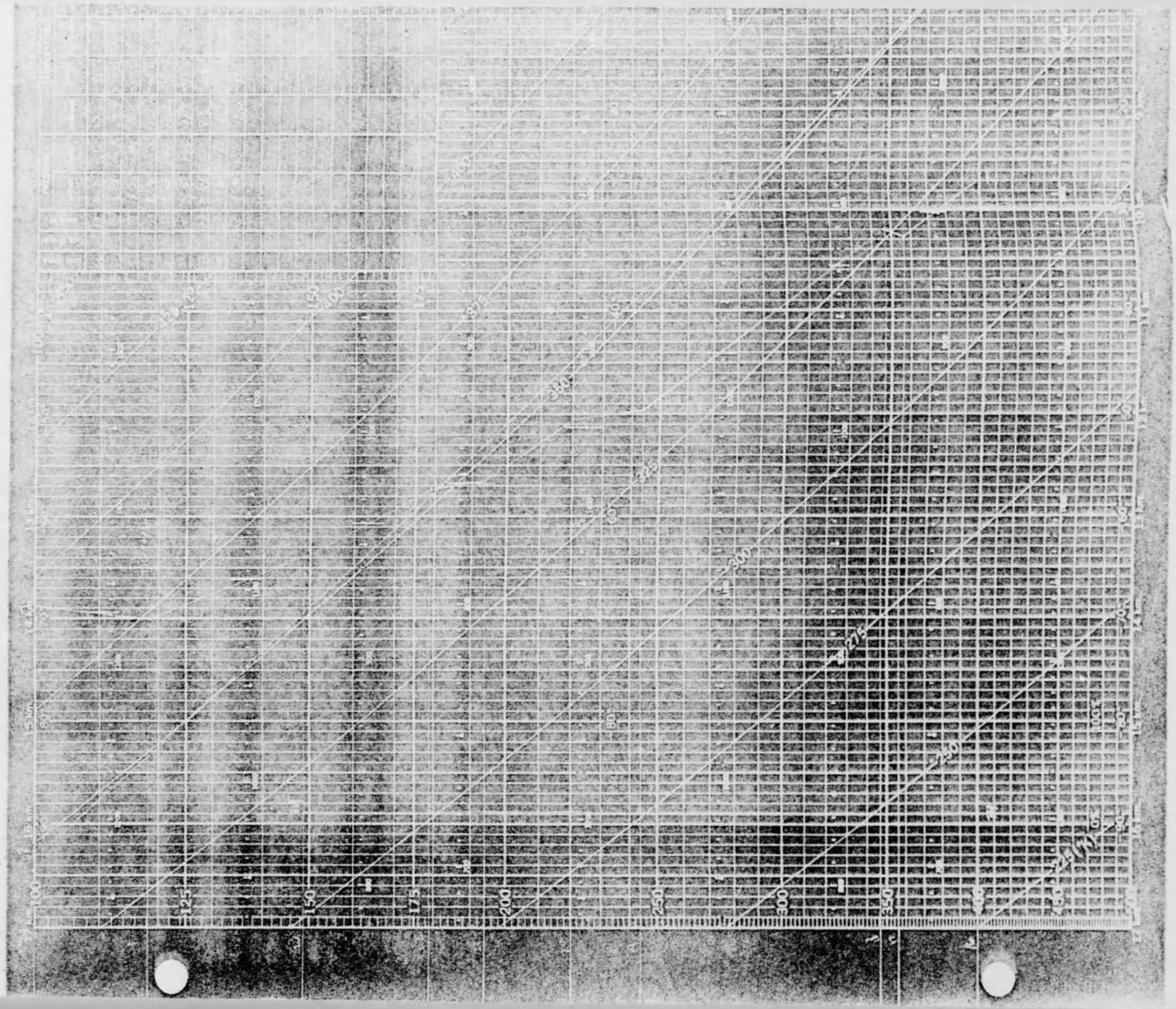
a. When I (MSgt [redacted] first noticed the UFO at 0545 hours, 21 December 1961, Capehart Housing area, Tyndall AFB, Florida, the object seemed to be traveling from Northwest (315 degrees) to Northeast (25 degrees). I observed the object for five minutes, to assure myself that it was not an aircraft.

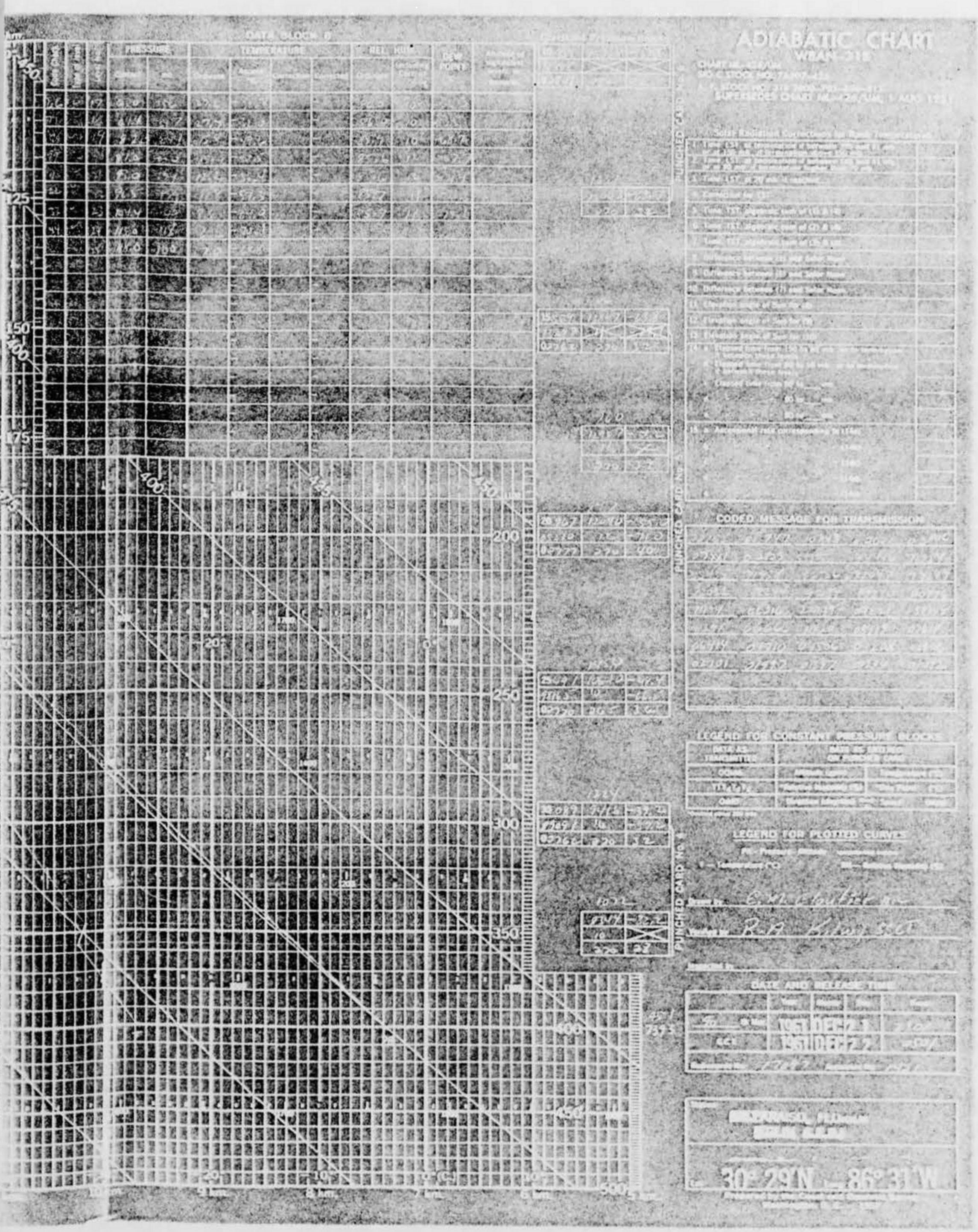
I called the Base Weather Station at 0555 hours and talked with Lt William Poe. I asked him to have the tower observer look in the Northeast for an UFO.

I called back to Lt. William Poe and he said A2C [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.

Atch 1

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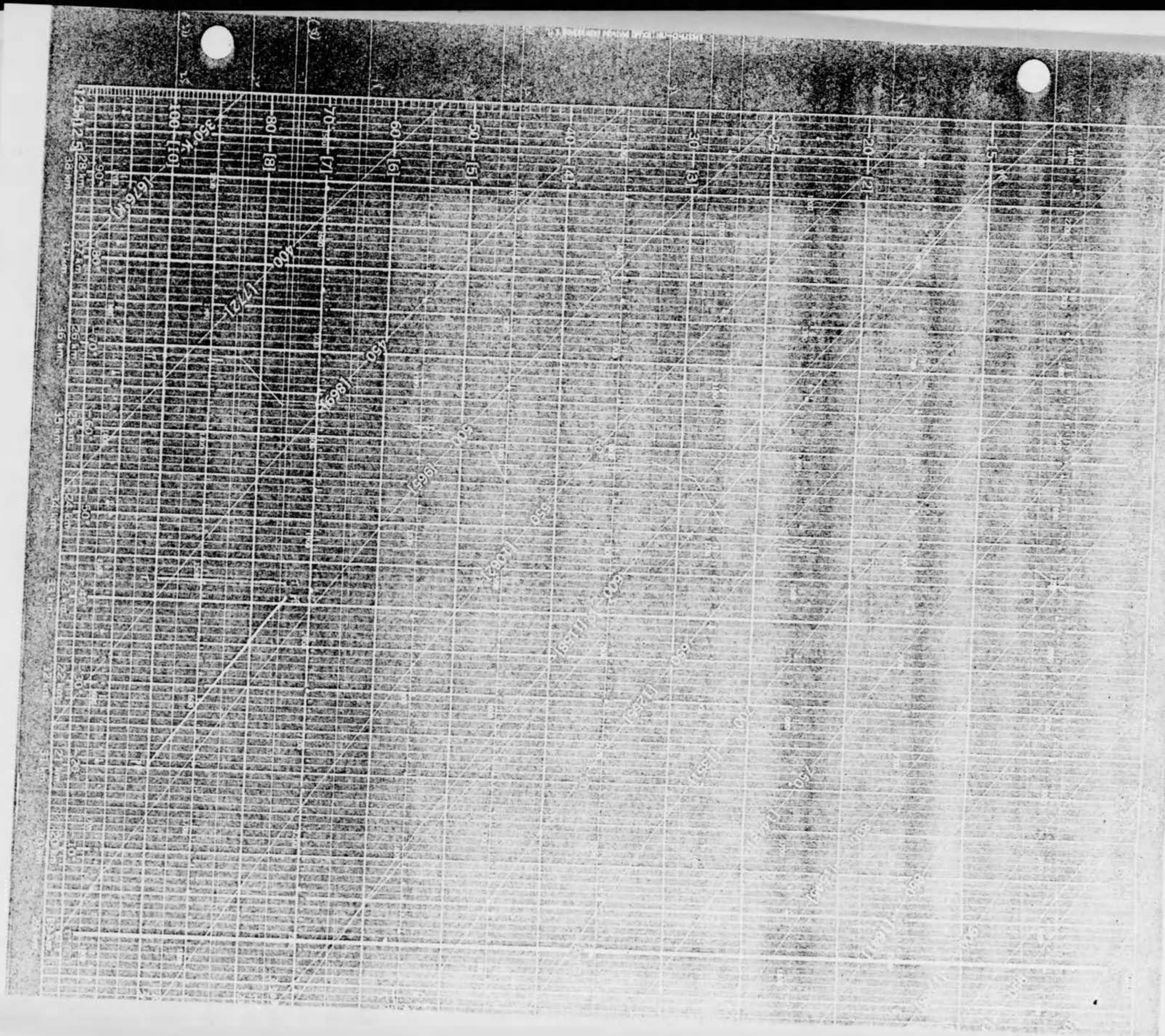
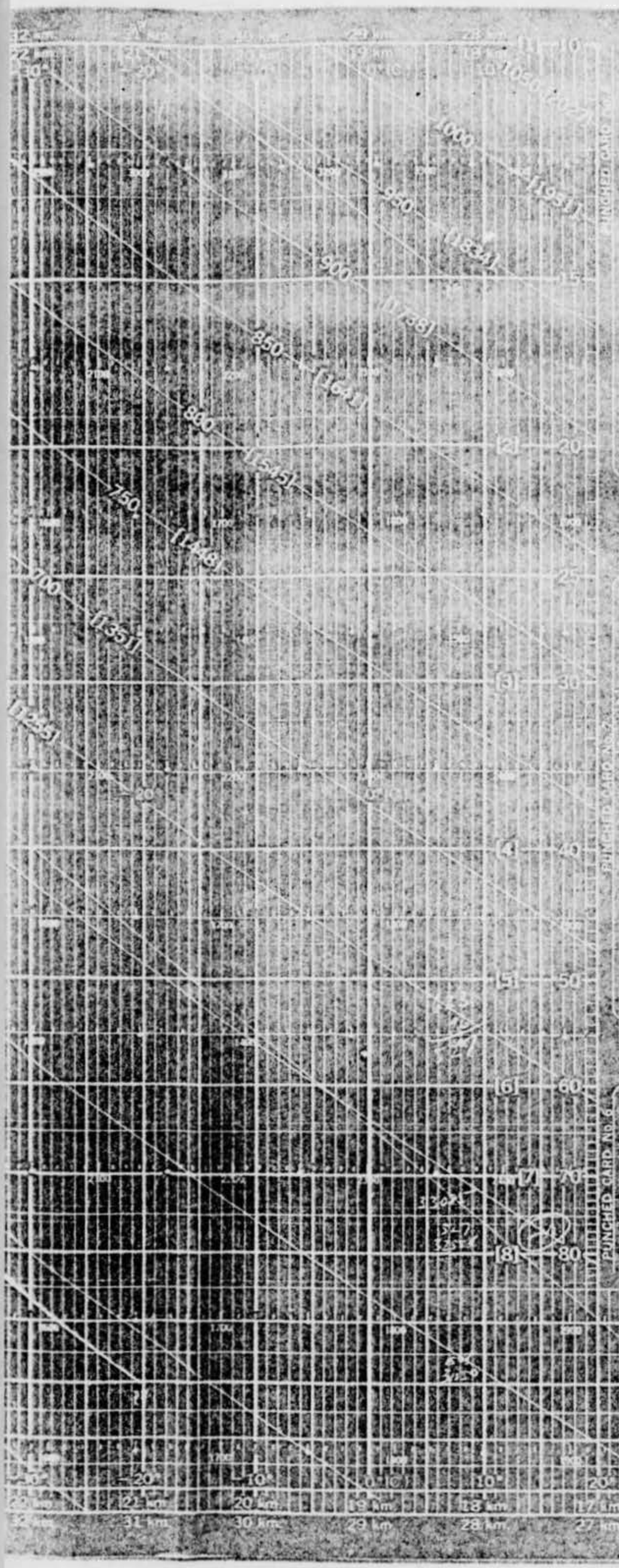
PRESSURE
TEMPERATURE
RELATIVE HUMIDITY
DEW POINT
ADIABATIC CHART
PUNCHED CARD No. 1
PUNCHED CARD No. 2
CODED MESSAGE FOR TRANSMISSION
LEGEND FOR CONSTANT PRESSURE CHARTS
LEGEND FOR PLOTTED CURVES
DATE AND RELEASE TIME
50
100
150
200
250
300
350
400
450
500





ADIABATIC CHART

REMARKS

LEGEND FOR CONSTANT PRESSURE BLOCKS

DATA ACT TRANSMITTED	DATA AT 1 LEVEL PER 10 MINUTES (UNC)

LEGEND FOR PLOTTED CURVES

Pa - Pressure - Millibars
T - Temperature (°C)

DATE AND RELEASE TIME

	Year	Month	Day	Hour
50 Pa Min	1961	DEC	21	
GMT	1961	DEC	22	

30° 29'N 86° 31'W

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.

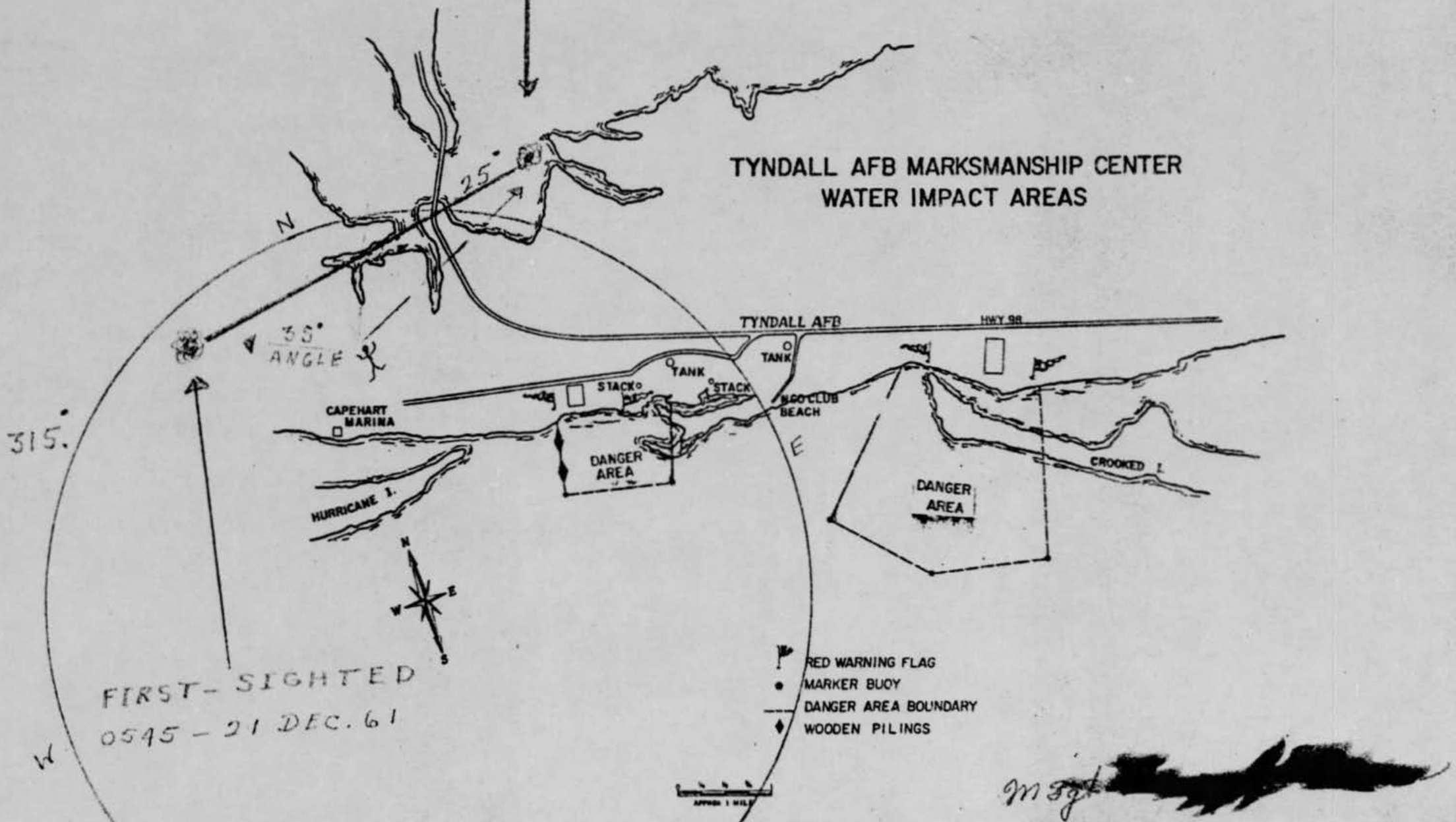
[redacted]
MSgt, USAF
Training Section
Tyndall AFB, Fla

LAST- SIGHTED
0600
RADIANT-APPEARANCE

I. SHAPE-O

SMALL ARMS RANGE DANGER AREAS

TYNDALL AFB MARKSMANSHIP CENTER WATER IMPACT AREAS



Maj [redacted]

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 [redacted], Base Training.

S

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