[redacted]

UNCLASSIFIED

31. USE THIS SHEET FOR ANY COMMENTS, OPINIONS OR ADDITIONAL DATA NOT COVERED BY THE QUESTIONS.

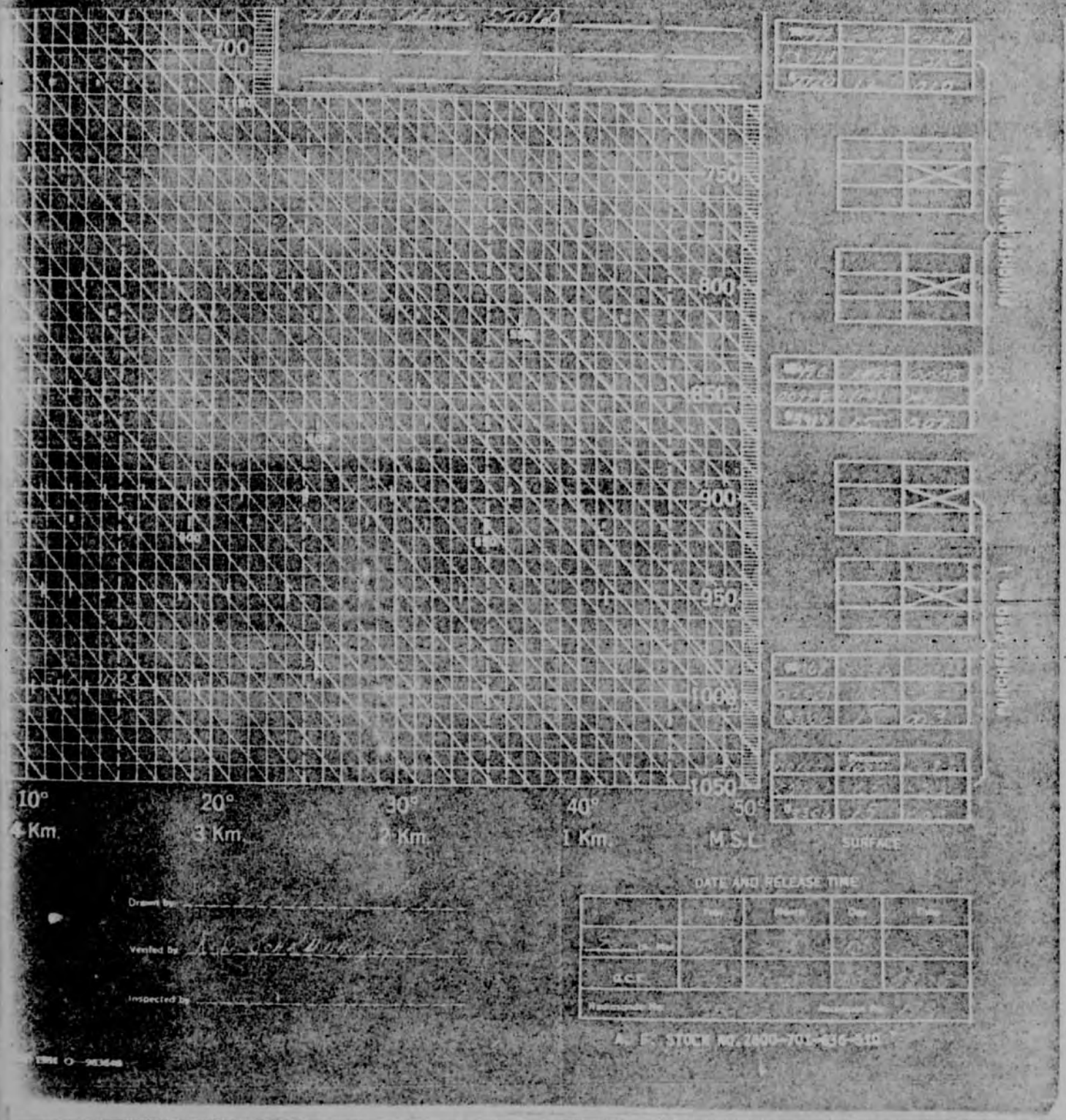
1. Visual observation was made of the target by the radar observers prior to observation on the APG-41A. And visual observation was being made at the same time as the radar observations. Azimuth of target was the same in both cases, and observers are certain that the visual target and radar target were the same object.

DOWNGRADED AT 3 YEAR INTERVALS
DECLASSIFIED AFTER 12 YEARS.
DOD DIR 5200.10

UNCLASSIFIED

[redacted]

UNCLASSIFIED


700
750
800
850
900
950
1000
1050
10°
20°
30°
40°
50°
4 Km.
3 Km.
2 Km.
1 Km.
M.S.L.
SURFACE
DATE AND RELEASE TIME
Drawn by
Verified by
Inspected by
GCT

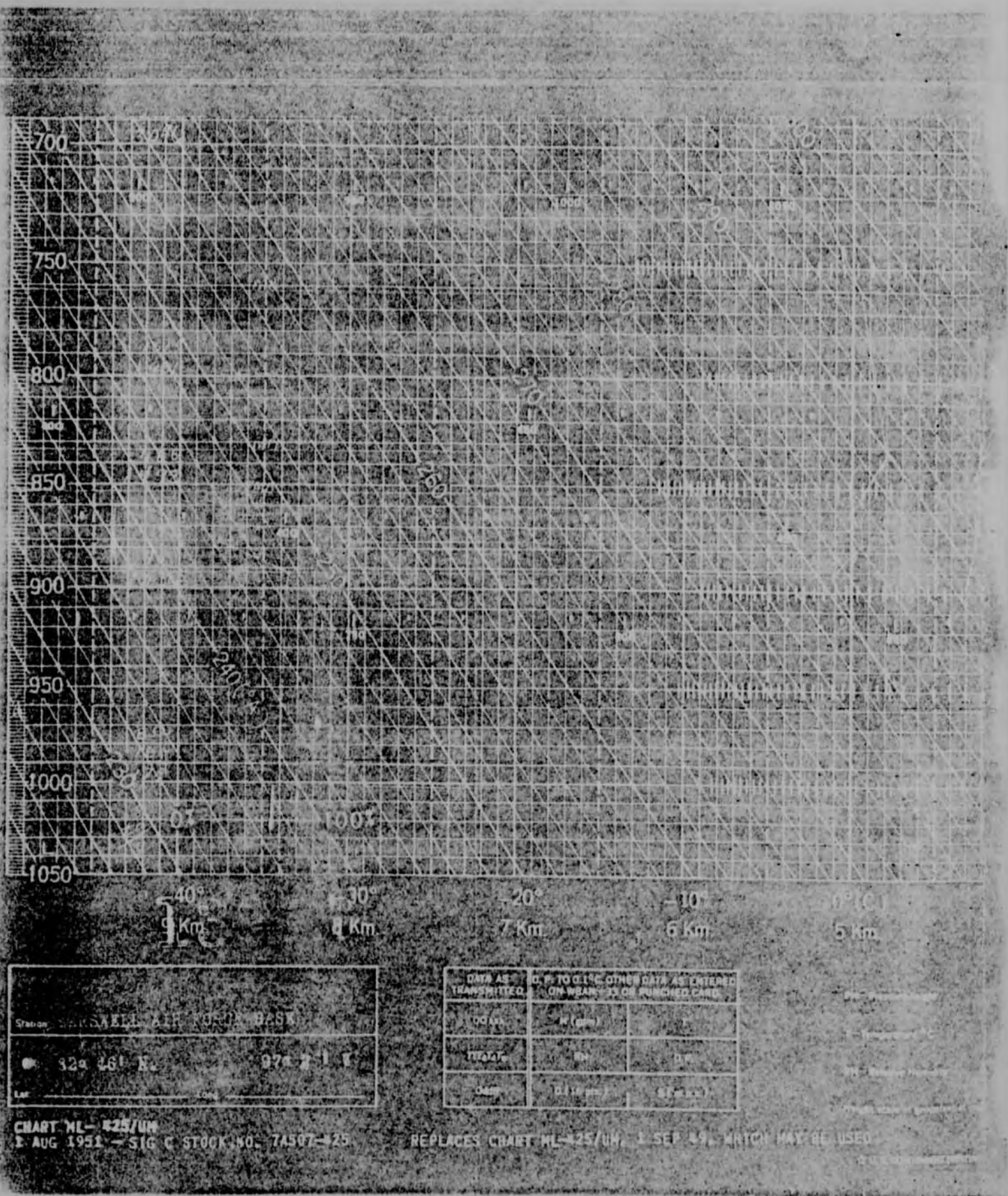
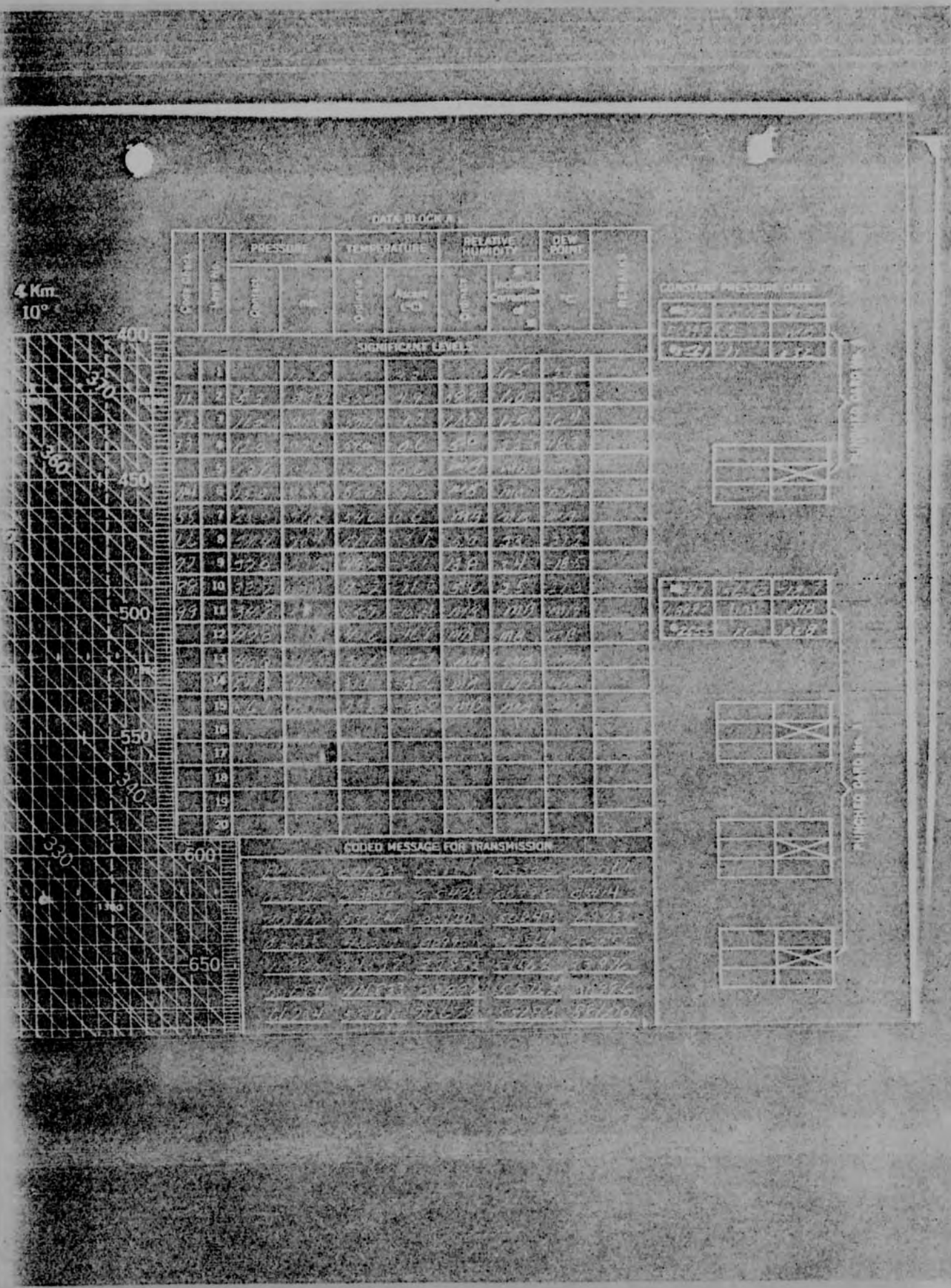
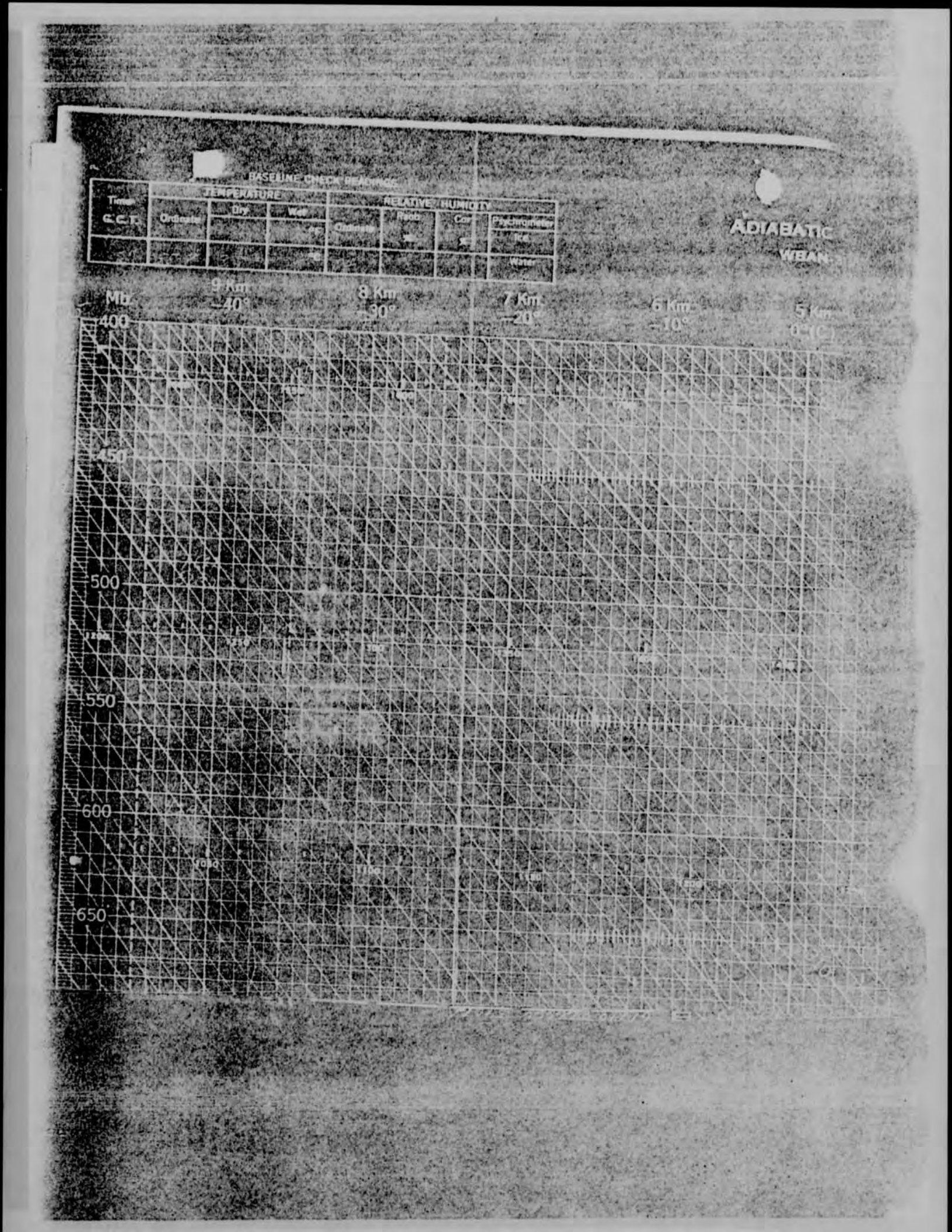
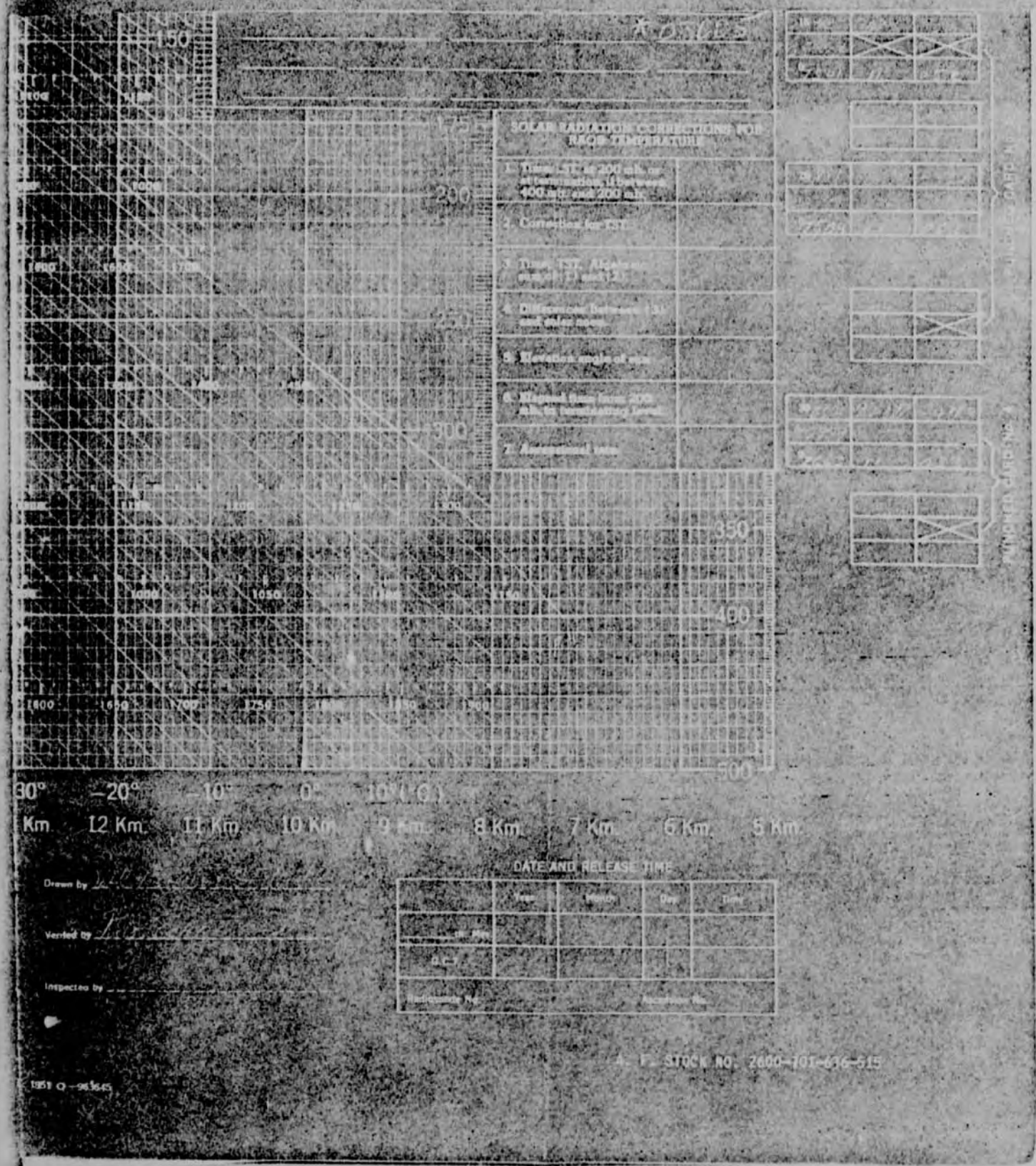
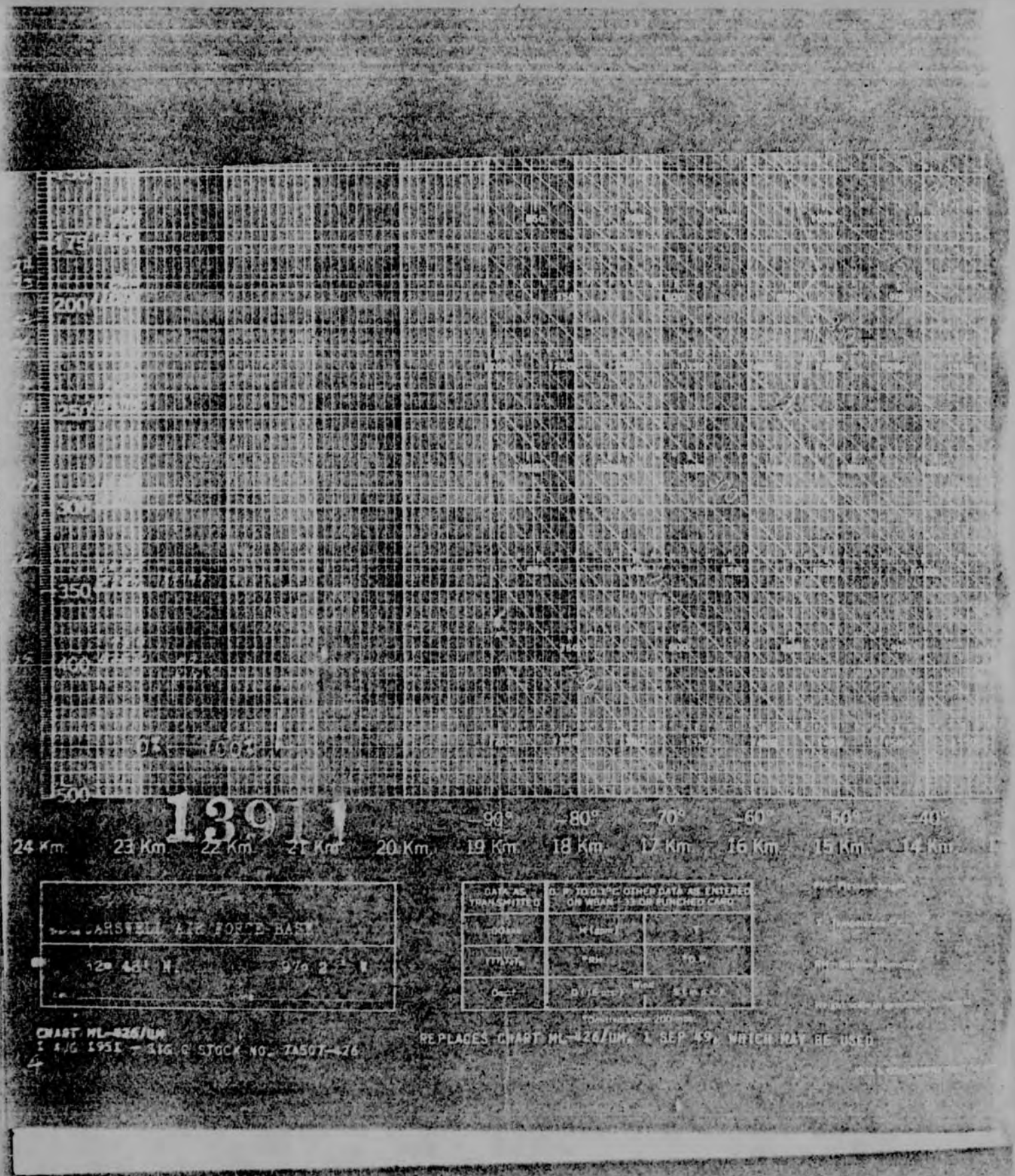


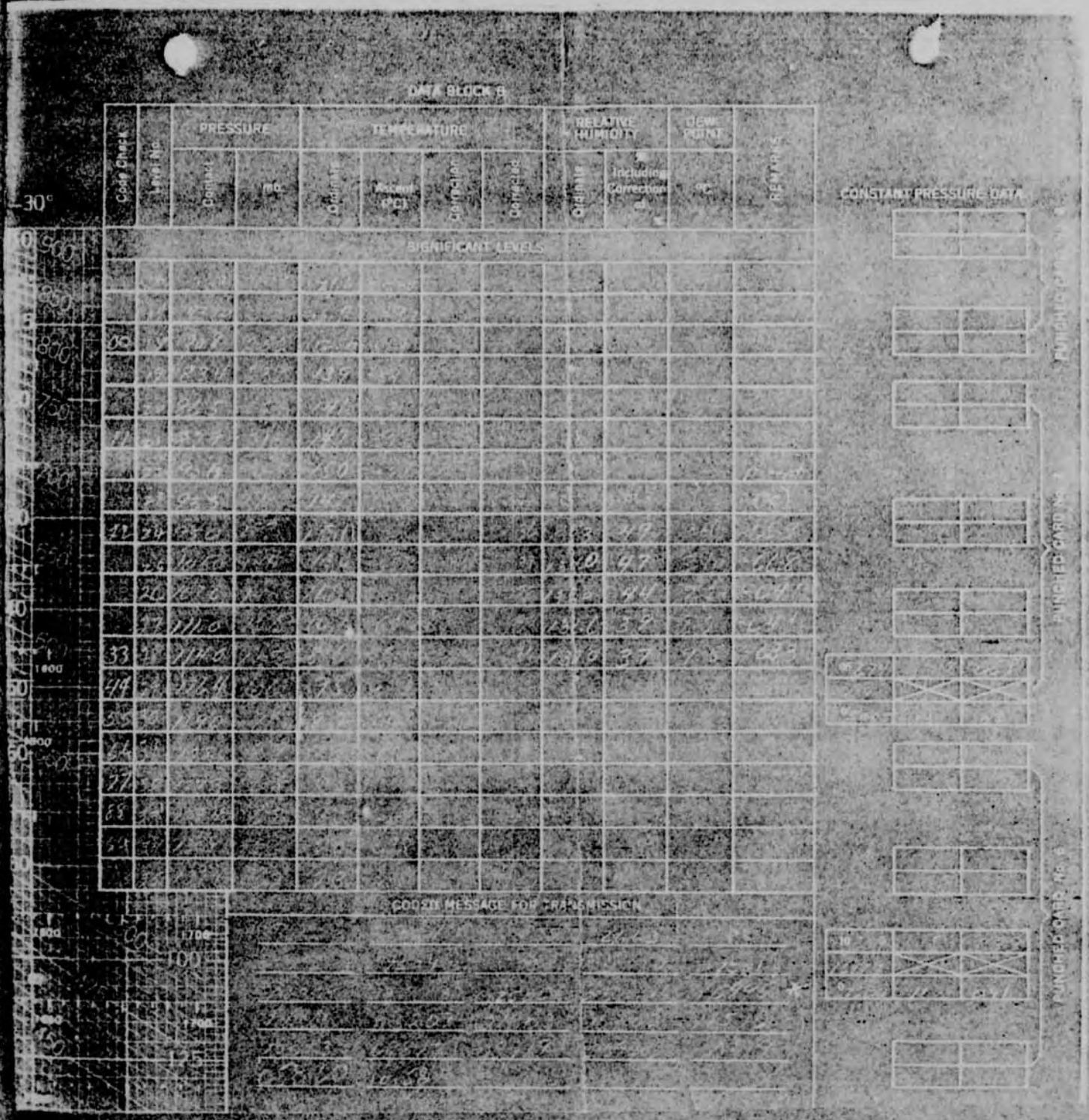
CHART ML-425/UM
1 AUG 1951 — SIG C STOCK NO. 7A507-425 REPLACES CHART ML-425/UM, 1 SEP 49, WHICH MAY BE USED

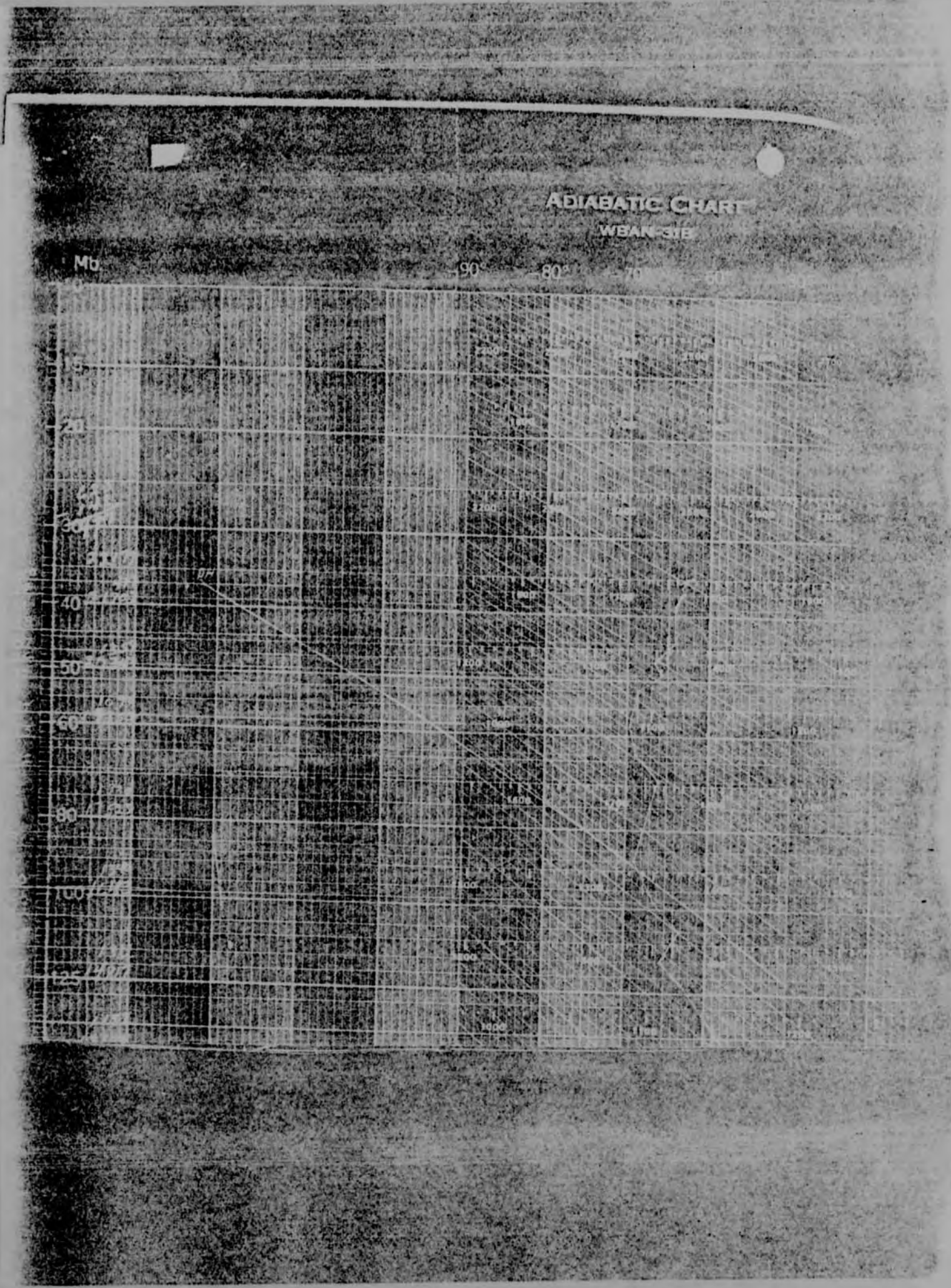

DATA BLOCK A
PRESSURE
TEMPERATURE
RELATIVE HUMIDITY
DEW POINT
SIGNIFICANT LEVELS
CONSTANT PRESSURE DATA
CODED MESSAGE FOR TRANSMISSION
4 Km.
10°
400
450
500
550
600
650


Time
G.C.T.
TEMPERATURE
Dry
RELATIVE HUMIDITY
ADIABATIC
WBAN
9 Km
-40°
8 Km
-30°
7 Km
-20°
6 Km
-10°
5 Km
0°C
Mb
400
450
500
550
600
650


SOLAR RADIATION CORRECTIONS FOR RADIO TEMPERATURE
1. Time, TST, at 200 mb. or at temperature, if between 400 mb. and 200 mb.
2. Correction for TST.
3. Time, TST, Alpha or Beta of (1) and (2).
4. Difference between (3) and solar noon.
5. Elevation angle of sun.
6. Elapsed time from 200 mb. to temperature level.
7. Assessment time.
150
175
200
250
300
350
400
500
1000
1050
1100
1150
1200
1600
1650
1700
1750
1800
1850
1900
30°
−20°
−10°
0°
10° (°C)
Km
12 Km
11 Km
10 Km
9 Km
8 Km
7 Km
6 Km
5 Km
DATE AND RELEASE TIME
Year
Month
Day
Time
Drawn by
Verified by
Inspected by
A. F. STOCK NO. 2600-701-636-515
1951 O-963645


1391
-90°
-80°
-70°
-60°
-50°
-40°
24 Km
23 Km
22 Km
21 Km
20 Km
19 Km
18 Km
17 Km
16 Km
15 Km
14 Km
DATA AS TRANSMITTED
OTHER DATA AS ENTERED ON WBAN FORM OR PUNCHED CARD
CHART HL-426/UM
REPLACES CHART HL-426/UM, 1 SEP 49, WHICH MAY BE USED


DATA BLOCK B
Code Check
Level No.
PRESSURE
Contact
mb
TEMPERATURE
Ordinate
Ascent (°C)
Correction
Corrected
RELATIVE HUMIDITY
Ordinate
Including Correction
DEW POINT
°C
REMARKS
CONSTANT PRESSURE DATA
SIGNIFICANT LEVELS
CODED MESSAGE FOR TRANSMISSION
PUNCHED CARD No. 1
PUNCHED CARD No. 2
PUNCHED CARD No. 3


ADIABATIC CHART
WBAN-31B
Mb
90°
80°
70°
60°
0
20
30
40
50
60
80
100

This case includes two (2) 16" x 16" photographic charts.