

PROJECT 10073 RECORD CARD

1. DATE 5 January 1956		2. LOCATION Indianapolis, Indiana		12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical Canopus ☒ Probably Astronomical ☐ Possibly Astronomical ☐ Other _____ ☐ Insufficient Data for Evaluation ☐ Unknown	
3. DATE-TIME GROUP Local 1930 GMT 06/0030Z		4. TYPE OF OBSERVATION ☐ Ground-Visual ☐ Ground-Radar ☒ Air-Visual ☐ Air-Intercept Radar			
5. PHOTOS ☐ Yes ☐ No		6. SOURCE Civilian			
7. LENGTH OF OBSERVATION 5 - 10 minutes		8. NUMBER OF OBJECTS one		9. COURSE	
10. BRIEF SUMMARY OF SIGHTING See case file.				11. COMMENTS Probably the star Canopus which was just below the horizon. Atmospheric refraction probably brought it into view distorted.	

*Report, unidentified object
seen by person named [unclear] [unclear]*

U. S. AIR FORCE TECHNICAL INFORMATION SHEET

This questionnaire has been prepared so that you can give the U. S. Air Force as much information as possible concerning the unidentified aerial phenomenon that you have observed. Please try to answer as many questions as you possibly can. The information that you give will be used for research purposes, and will be regarded as confidential material. Your name will not be used in connection with any statements, conclusions, or publications without your permission. We request this personal information so that, if it is deemed necessary, we may contact you for further details.

1. When did you see the object?

5 Jan. 1956
Day Month Year

2. Time of day: About 19 30
Hour Minutes

(Circle One): A.M. or (P.M.)

3. Time zone:

(Circle One): a. Eastern
b. Central
c. Mountain
d. Pacific
e. Other _____

(Circle One): a. Daylight Saving
b. Standard

4. Where were you when you saw the object?

Nearest Postal Address Indianapolis Indiana
City or Town State or Country
Additional remarks: Between Terre Haute and Indianapolis about Clayton
Marker on airway west of Indianapolis

5. Estimate how long you saw the object. _____
Hours 5 to 10 _____
Minutes Seconds

5.1 Circle one of the following to indicate how certain you are of your answer to Question 5.

a. Certain c. Not very sure
b. Fairly certain d. Just a guess

6. What was the condition of the sky?

(Circle One): a. Bright daylight d. Just a trace of daylight
b. Dull daylight e. No trace of daylight
c. Bright twilight f. Don't remember

7. IF you saw the object during DAYLIGHT, TWILIGHT, or DAWN, where was the SUN located as you looked at the object?

(Circle One): a. In front of you d. To your left
b. In back of you e. Overhead
c. To your right f. Don't remember

8. IF you saw the object, at NIGHT, TWILIGHT, or DAWN, what did you notice concerning the STARS and MOON?

8.1 STARS (Circle One):

- a. None
 b. A few
 c. Many
 d. Don't remember

8.2 MOON (Circle One):

- a. Bright moonlight
 b. Dull moonlight
 c. No moonlight — pitch dark
 d. Don't remember

9. Was the object brighter than the background of the sky?

(Circle One):

a. Yes

b. No

c. Don't remember

10. IF it was BRIGHTER THAN the sky background, was the brightness like that of an automobile headlight?:

(Circle One) a. A mile or more away (a distant car)?

b. Several blocks away?

c. A block away?

d. Several yards away?

e. Other Bright as magnesium flare

11. Did the object:

(Circle One for each question)

- | | | | |
|---|------------|-----------|-------------------|
| a. Appear to stand still at any time? | Yes | No | <u>Don't Know</u> |
| b. Suddenly speed up and rush away at any time? | Yes | <u>No</u> | Don't Know |
| c. Break up into parts or explode? | Yes | <u>No</u> | Don't Know |
| d. Give off smoke? | Yes | <u>No</u> | Don't Know |
| e. Change brightness? See g. | <u>Yes</u> | No | Don't Know |
| f. Change shape? | Yes | <u>No</u> | Don't Know |
| g. Flicker, throb, or pulsate? Regularly on and off | <u>Yes</u> | No | Don't Know |

12. Did the object move behind something at anytime, particularly a cloud?

(Circle One):

Yes

No

Don't Know.

IF you answered YES, then tell what

it moved behind: _____

13. Did the object move in front of something at anytime, particularly a cloud?

(Circle One):

Yes

No

Don't Know.

IF you answered YES, then tell what

it moved in front of: _____

14. Did the object appear: (Circle One):

a. Solid?

as a light is solid

b. Transparent?

c. Don't Know.

15. Did you observe the object through any of the following?

- | | | | | | |
|-----------------|------------|-----------|---------------------------------------|-----|-----------|
| a. Eyeglasses | <u>Yes</u> | No | e. Binoculars | Yes | <u>No</u> |
| b. Sun glasses | Yes | <u>No</u> | f. Telescope | Yes | <u>No</u> |
| c. Windshield | Yes | <u>No</u> | g. Theodolite | Yes | <u>No</u> |
| d. Window glass | Yes | <u>No</u> | h. Other <u>Plexiglas of aircraft</u> | | |

16. Tell in a few words the following things about the object.

a. Sound No sound or if any could not hear as in aircraft.

b. Color Very, very, bright light

17. Draw a picture that will show the shape of the object or objects. Label and include in your sketch any details of the object that you saw such as wings, protrusions, etc., and especially exhaust trails or vapor trails. Place an arrow beside the drawing to show the direction the object was moving.

Circular, round light - appeared as if it were focused directly at me but was not as it illumined cloud deck to south of and above my course.

18. The edges of the object were: see above

(Circle One): a. Fuzzy or blurred
b. Like a bright star
c. Sharply outlined
d. Don't remember

e. Other Very bright and localized,
no definition as an auto head-
light blinding you has no
definition.

19. IF there was MORE THAN ONE object, then how many were there? Only one light
Draw a picture of how they were arranged, and put an arrow to show the direction that they were traveling.

20. Draw a picture that will show the motion that the object or objects made. Place an "A" at the beginning of the path, a "B" at the end of the path, and show any changes in direction during the course.

Relative motion not observable because of darkness.
Object appeared to be travelling in our direction.
(course of my aircraft about 70°)

21. IF POSSIBLE, try to guess or estimate what the real size of the object was in its longest dimension.
_____ feet. Any guess would be bad.

22. How large did the object or objects appear as compared with one of the following objects held in the hand and at about arm's length?

(Circle One):

a. Head of a pin

g. Silver dollar

b. Penny

h. Baseball

c. Dime

i. Grapefruit

d. Nickel

j. Basketball

e. Quarter

k. Other _____

f. Half dollar

- 22.1 (Circle One of the following to indicate how certain you are of your answer to Question 22.)

a. Certain

c. Not very sure

b. Fairly certain

d. Uncertain

23. How did the object or objects disappear from view? _____
Stopped all at once when I called Indianapolis CAA

24. In order that you can give as clear a picture as possible of what you saw, we would like for you to imagine that you could construct the object that you saw. Of what type material would you make it? How large would it be, and what shape would it have? Describe in your own words a common object or objects which when placed up in the sky would give the same appearance as the object which you saw.

Like nothing I have ever seen before in my flying experience.

25. Where were you located when you saw the object?
(Circle One):

- a. Inside a building
- b. In a car
- c. ~~Outdoors~~
- d. In an airplane
- e. At sea
- f. Other _____

26. Were you (Circle One)

- a. In the business section of a city?
- b. In the residential section of a city?
- c. In open countryside?
- d. Flying near an airfield?
- e. ~~Flying over a city?~~
- f. Flying over open country?
- g. Other _____

27. What were you doing at the time you saw the object, and how did you happen to notice it?

Flying an Aero Commander aircraft at 5000' MSL.

Object called to my attention by passenger who was pilot
during war.

28. IF you were MOVING IN AN AUTOMOBILE or other vehicle at the time, then complete the following questions:

28.1 What direction were you moving? (Circle One) Course of 70°

- | | | | |
|--------------|--------------|--------------|--------------|
| a. North | c. East | e. South | g. West |
| b. Northeast | d. Southeast | f. Southwest | h. Northwest |

28.2 How fast were you moving? 180 miles per hour.

28.3 Did you stop at any time while you were looking at the object?

(Circle One)

Yes

No

29. What direction were you looking when you first saw the object? (Circle One)

- | | | | |
|--------------|--------------|-------------------------|--------------|
| a. North | c. East | <u>e. South</u> | g. West |
| b. Northeast | d. Southeast | f. Southwest | h. Northwest |

30. What direction were you looking when you last saw the object? (Circle One)

- | | | | |
|-----------------|--------------|-----------------|--------------|
| a. <u>North</u> | c. East | <u>e. South</u> | g. West |
| b. Northeast | d. Southeast | f. Southwest | h. Northwest |

31. If you are familiar with bearing terms (angular direction), try to estimate the number of degrees the object was from true North and also the number of degrees it was upward from the horizon (elevation).

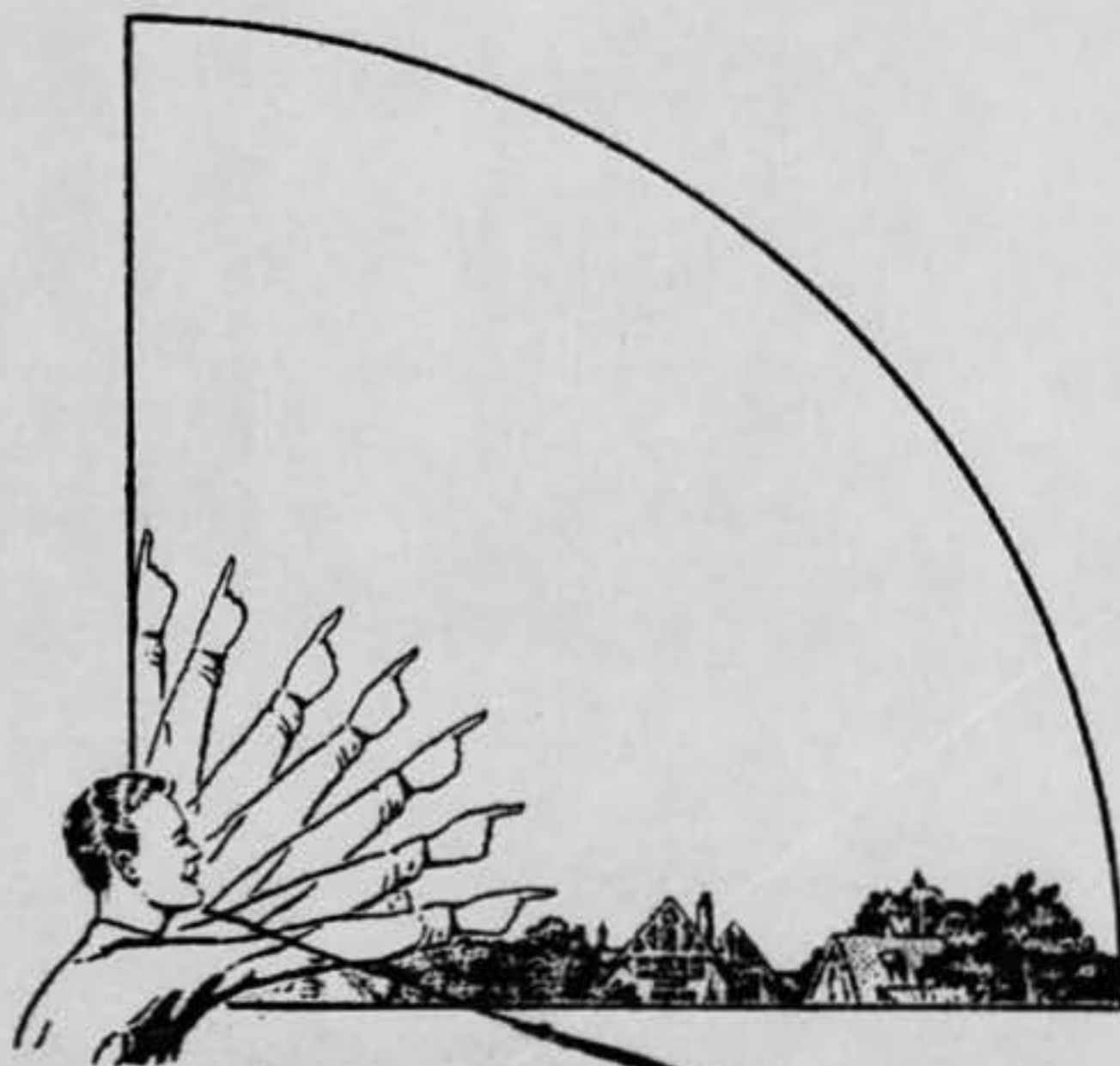
31.1 When it first appeared: I was on course of 70° - object at right angles to aircraft on right-guess at 160°

- a. From true North _____ degrees.
- b. From horizon _____ degrees. No horizon visible but object was below me at below cloud deck.

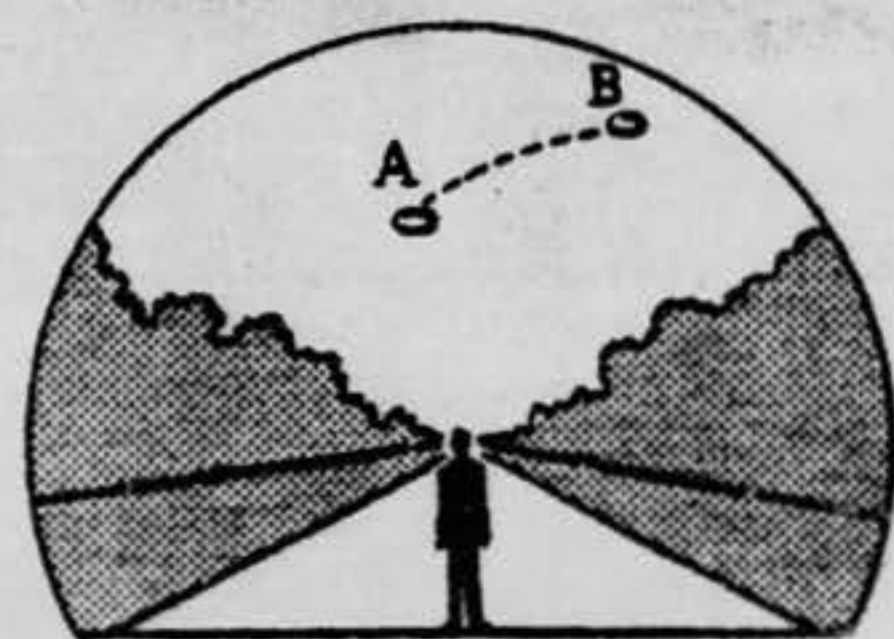
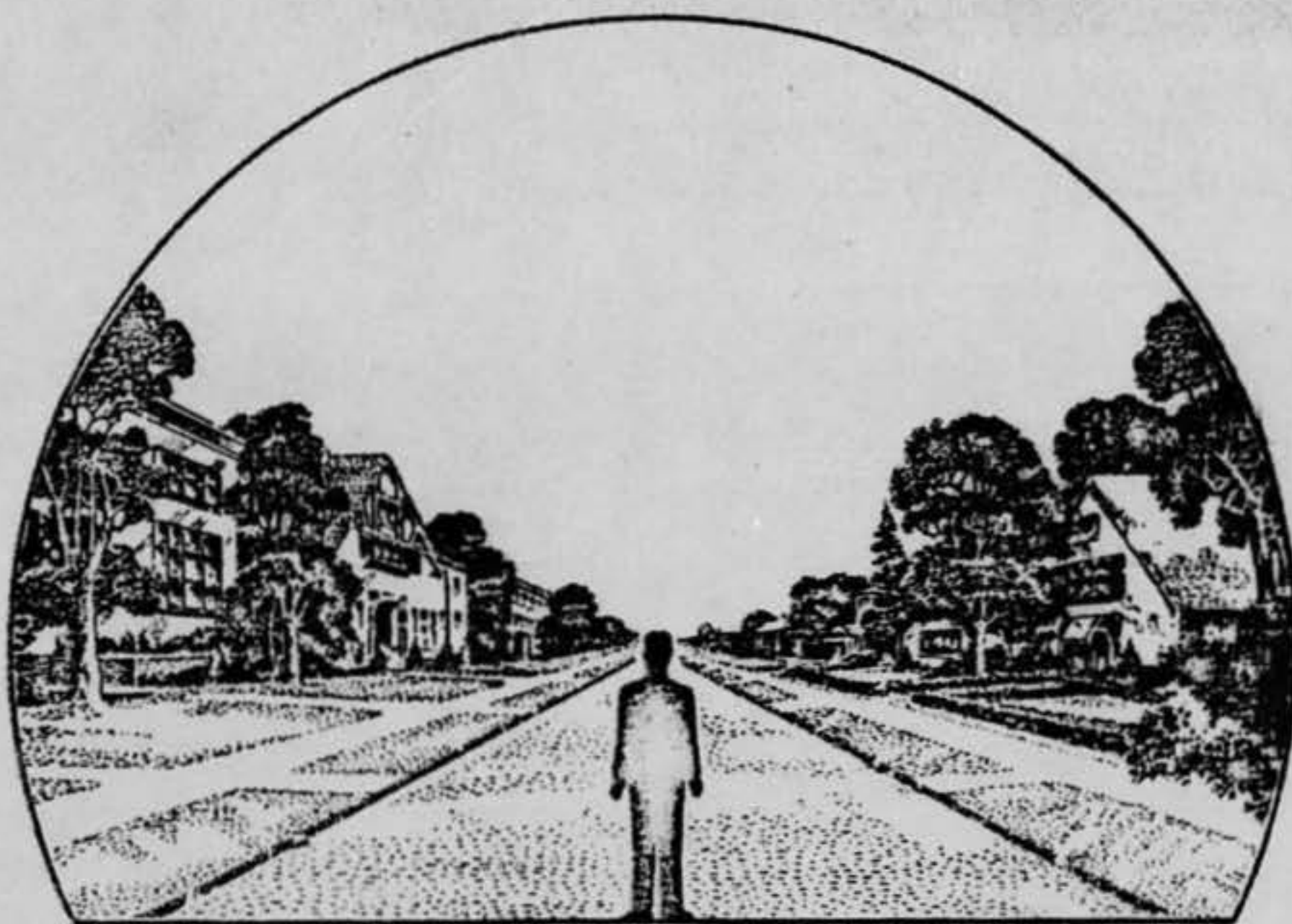
31.2 When it disappeared:

- a. From true North _____ degrees.
- b. From horizon _____ degrees.

32. In the following sketch, imagine that you are at the point shown. Place an "A" on the curved line to show how high the object was above the horizon (skyline) when you *first* saw it. Place a "B" on the same curved line to show how high the object was above the horizon (skyline) when you *last* saw it.



33. In the following larger sketch place an "A" at the position the object was when you *first* saw it, and a "B" at its position when you *last* saw it. Refer to smaller sketch as an example of how to complete the larger sketch.



Impossible

34. What were the weather conditions at the time you saw the object?

34.1 CLOUDS (Circle One)

- a. Clear sky
- b. Hazy
- c. Scattered clouds deck to south
- d. Thick or heavy clouds
- e. Don't remember

34.2 WIND (Circle One)

- a. No wind
- b. Slight breeze
- c. Strong wind Tail wind about 15K
- d. Don't remember

34.3 WEATHER (Circle One)

- a. Dry
- b. Fog, mist, or light rain
- c. Moderate or heavy rain
- d. Snow
- e. Don't remember

34.4 TEMPERATURE (Circle One)

- a. Cold
- b. Cool
- c. Warm
- d. Hot
- e. Don't remember

35. When did you report to some official that you had seen the object?

6 Feb. 1956
Day Month Year

Reported CAA immediately.
ATIC as in this answer.

36. Was anyone else with you at the time you saw the object?

(Circle One) Yes No

36.1 IF you answered YES, did they see the object too?

(Circle One) Yes No

36.2 Please list their names and addresses:

Blvd.
St. Louis 8, Missouri

37. Was this the first time that you had seen an object or objects like this?

(Circle One) Yes No

37.1 IF you answered NO, then when, where, and under what circumstances did you see other ones?

38. In your opinion what do you think the object was and what might have caused it?

Logical guess is that it was some sort of flash on an
aircraft for photography, possibly strip maps at night.

39. Do you think you can estimate the speed of the object?

(Circle One)

Yes

No

same as mine

IF you answered YES, then what speed would you estimate?

180 m.p.h.

40. Do you think you can estimate how far away from you the object was? At first thought it was a few hundred feet—best estimate 5 to 8 miles.

(Circle One)

Yes

No

IF you answered YES, then how far away would you say it was?

 feet.

41. Please give the following information about yourself:

NAME

Last Name

First Name

Middle Name

ADDRESS

 St.
Street

Troy,
City

Zone

Ohio
State

TELEPHONE NUMBER

What is your present job?

Brown-Bridge Mills, Inc.

Age

50

Sex

M

Please indicate any special educational training that you have had.

a. Grade school X

b. High school X

c. College X

d. Post graduate

e. e. Technical school

(Type) Mechanical Engineering

f. Other special training

42. Date you completed this questionnaire:

8
Day

Feb.
Month

1956
Year

U. S. AIR FORCE TECHNICAL INFORMATION SHEET
(SUMMARY DATA)

In order that your information may be filed and coded as accurately as possible, please use the following space to write out a short description of the event that you observed. You may repeat information that you have already given in the questionnaire, and add any further comments, statements, or sketches that you believe are important. Try to present the details of the observation in the order in which they occurred. Additional pages of the same size paper may be attached if they are needed.

NAME [REDACTED]
(Please Print)

(Do Not Write in This Space)

CODE:

SIGNATURE _____

DATE 8 February, 1956

I left St. Louis Lambert Field at dusk January 5 with my passenger, [REDACTED], our St. Louis salesman. We climbed VFR to 5000 and flew air ways using Omni Range stations. Air speed about 180 MPH. At about Terre Haute, Tom (an ex-Air Force man) said: "Do you believe in flying saucers?" I passed it off and didn't even look. At about Clayton marker 10 miles or so west of Indianapolis, he said: "There it is again". This time I saw a very bright intermittent light that at first appeared to be just off my right wing tip and at my altitude. First reaction was that another aircraft was passing us very close and that this was one of his white belly lights. Second and closer observation showed light some distance away - maybe 3, maybe 10 miles. Nothing to judge by - no horizon. Best guess on distance was somewhat south and west of Indianapolis Weir Cook Airport. I called Indianapolis radio and asked what it was and light went off. While CAA was calling Tower air liner over Chicago called me and said: "Glad you asked what that light was. I'm over Chicago and I saw it flasing and it just went off". Chicago is about 185 miles from this point. I figure that the object was in the air because, if it were on the ground, the pilot in Chicago would have had to be at 24,000 feet altitude to see it.

For brightness comparison - at Indianapolis someone was opening a gas station or super market or something and had several of those portable strong beam producing lights. In contrast, they were candles in brightness.

Another point I had not thought of - after the light went out, or disappeared, I did not see any aircraft position lights. Suggestion: If this is Army photographic equipment, similar high intensity lighting sure would help on airports on low visibility approaches on dark foggy nights.

OFFICIAL FILE COPY

4E

AFCIN-4E /Maj Friend/vw/69216

UFO Sighting (5 January 1956)

25 APR 1961

The ~~XXXXXXXXXX~~, Inc.
ATTN: Mr. ~~XXXXXXXXXX~~
Troy, Ohio

Dear Mr. Shurtle

The unidentified flying object which you sighted 5 January 1956 was probably a mirage of the star Canopus, the second brightest star in our heavens. The star was in a direction which coincides with the direction you reported for the object, and just below the horizon.

It is understandable that even trained individuals, such as you, are startled when they see an ordinary object under unusual conditions, for this has happened to experienced and highly qualified scientists. No less an authority than Dr. Donald E. Menzel, Director of the Harvard Observatory, was for a time startled by an experience with the star Sirius, which was similar to yours. Dr. Menzel was flying from the North Pole to Point Barrow when suddenly he saw an object pop over the horizon and buzz his aircraft twice. The object then stopped and flew along parallel to his flight path at a distance of about 300 feet. He described the object as flashing red and green lights with something that looked like a propeller on top. It was only by subsequent analysis that Dr. Menzel was able to determine that the object was really a mirage of Sirius. The star was actually below the horizon but the green bending of light by the atmosphere known as refraction had brought it into view. Distortion and diffusion caused by alternate layers of air of different temperatures had added the finishing touches.

The case file does not include the weather on the date of your sighting; therefore, it is impossible at this time to tell if weather phenomena, such as a temperature inversion, were contributing factors. However, in most cases of this type atmospheric phenomena are often the real cause of the misidentification. Action has been initiated to obtain the weather data for the date and location of your sighting.

Your interest in this matter is greatly appreciated, and we will inform you if any new conclusions result from our study of the weather data.

Sincerely

Philip G. Evans
PHILIP G. EVANS
Colonel, USAF
Deputy for Science and Components

COORDINATION: AFCIN-4E

Robert J. Friend
Maj Robert J. Friend

DATE

29 April 61

U. S. AIR FORCE TECHNICAL INFORMATION SHEET

This questionnaire has been prepared so that you can give the U. S. Air Force as much information as possible concerning the unidentified aerial phenomenon that you have observed. Please try to answer as many questions as you possibly can. The information that you give will be used for research purposes, and will be regarded as confidential material. Your name will not be used in connection with any statements, conclusions, or publications without your permission. We request this personal information so that, if it is deemed necessary, we may contact you for further details.

1. When did you see the object?

5 Jan 1956
Day Month Year

2. Time of day:

about

19
Hour

30
Minutes

(Circle One):

A.M.

or

P.M.

3. Time zone:

(Circle One):

a. Eastern

b. Central

c. Mountain

d. Pacific

e. Other _____

(Circle One):

a. Daylight Saving

b. Standard

4. Where were you when you saw the object?

Nearest Postal Address

City or Town

State or Country

Additional remarks:

Between Terre Haute & Indpls about
Clayton Marker on airway west of Indpls

5. Estimate how long you saw the object.

Hours

56 10
Minutes

Seconds

5.1 Circle one of the following to indicate how certain you are of your answer to Question 5.

a. Certain

b. Fairly certain

c. Not very sure

d. Just a guess

6. What was the condition of the sky?

(Circle One):

a. Bright daylight

b. Dull daylight

c. Bright twilight

d. Just a trace of daylight

e. No trace of daylight

f. Don't remember

7. IF you saw the object during DAYLIGHT, TWILIGHT, or DAWN, where was the SUN located as you looked at the object?

(Circle One):

a. In front of you

b. In back of you

c. To your right

d. To your left

e. Overhead

f. Don't remember

8. IF you saw the object, at NIGHT, TWILIGHT, or DAWN, what did you notice concerning the STARS and MOON?

8.1 STARS (Circle One):

- a. None
b. A few
 c. Many
 d. Don't remember

8.2 MOON (Circle One):

- a. Bright moonlight
 b. Dull moonlight
c. No moonlight — pitch dark
 d. Don't remember

9. Was the object brighter than the background of the sky?

(Circle One):

a. Yes

b. No

c. Don't remember

10. IF it was BRIGHTER THAN the sky background, was the brightness like that of an automobile headlight?:

(Circle One) a. A mile or more away (a distant car)?

b. Several blocks away?

c. A block away?

d. Several yards away?

e. Other *Bright as magnesium flare*

11. Did the object:

(Circle One for each question)

- | | | | |
|--|--------------------------|-----------|-------------------|
| a. Appear to stand still at any time? | Yes | No | Don't Know |
| b. Suddenly speed up and rush away at any time? | Yes | No | Don't Know |
| c. Break up into parts or explode? | Yes | No | Don't Know |
| d. Give off smoke? | Yes | No | Don't Know |
| e. Change brightness? | <i>See 9.</i> Yes | No | Don't Know |
| f. Change shape? | Yes | No | Don't Know |
| g. Flicker, throb, or pulsate? <i>Regularly on & off</i> | Yes | No | Don't Know |

12. Did the object move behind something at anytime, particularly a cloud?

(Circle One): Yes **No** Don't Know.

IF you answered YES, then tell what it moved behind: _____

13. Did the object move in front of something at anytime, particularly a cloud?

(Circle One): Yes **No** Don't Know.

IF you answered YES, then tell what it moved in front of: _____

14. Did the object appear: (Circle One): **a. Solid?** *as a light is solid* b. Transparent? c. Don't Know.

15. Did you observe the object through any of the following?

- | | | | | | |
|-----------------|------------|-----------|---------------------------------------|-----|-----------|
| a. Eyeglasses | Yes | No | e. Binoculars | Yes | No |
| b. Sun glasses | Yes | No | f. Telescope | Yes | No |
| c. Windshield | Yes | No | g. Theodolite | Yes | No |
| d. Window glass | Yes | No | h. Other <i>Plexiglas of aircraft</i> | | |

16. Tell in a few words the following things about the object.

- a. Sound No sound or if any could not hear as in aircraft
- b. Color Very, very, bright light

17. Draw a picture that will show the shape of the object or objects. Label and include in your sketch any details of the object that you saw such as wings, protrusions, etc., and especially exhaust trails or vapor trails. Place an arrow beside the drawing to show the direction the object was moving.

Circular, round light - appeared as if
it were focused directly at me but was not
as it illuminated cloud deck to south of and
above my course

18. The edges of the object were: see above

- (Circle One): a. Fuzzy or blurred
b. Like a bright star
c. Sharply outlined
d. Don't remember

e. Other Very bright and
localized, no definition
as an auto head light
blinding you has no definition

19. IF there was MORE THAN ONE object, then how many were there? Only one light
Draw a picture of how they were arranged, and put an arrow to show the direction that they were traveling.

20. Draw a picture that will show the motion that the object or objects made. Place an "A" at the beginning of the path, a "B" at the end of the path, and show any changes in direction during the course.

Relative motion not observable because of darkness. Object appeared to be travelling in our direction (course of my aircraft about 90°)

21. IF POSSIBLE, try to guess or estimate what the real size of the object was in its longest dimension. _____ feet. any guess would be bad

22. How large did the object or objects appear as compared with one of the following objects held in the hand and at about arm's length?

(Circle One):

- a. Head of a pin
- b. Pea
- c. Dime
- d. Nickel
- e. Quarter
- f. Half dollar

- g. Silver dollar
- h. Baseball
- i. Grapefruit
- j. Basketball
- k. Other _____

- 22.1 (Circle One of the following to indicate how certain you are of your answer to Question 22.

- a. Certain
- b. Fairly certain

- c. Not very sure
- d. Uncertain

23. How did the object or objects disappear from view? Stopped all at once
when I called Indianapolis C & A

24. In order that you can give as clear a picture as possible of what you saw, we would like for you to imagine that you could construct the object that you saw. Of what type material would you make it? How large would it be, and what shape would it have? Describe in your own words a common object or objects which when placed up in the sky would give the same appearance as the object which you saw.

Like nothing I have ever seen before in my flying experience

25. Where were you located when you saw the object?
(Circle One):

- a. Inside a building
- b. In a car
- c. Outdoors
- d. In an airplane
- e. At sea
- f. Other _____

26. Were you (Circle One)

- a. In the business section of a city?
- b. In the residential section of a city?
- c. In open countryside?
- d. Flying near an airfield?
- e. Flying over a city?
- f. Flying over open country?
- g. Other _____

27. What were you doing at the time you saw the object, and how did you happen to notice it?

Flying as Aero commander aircraft at 5000' MSL
Object called to my attention by passenger, who
was pilot during war.

28. IF you were MOVING IN AN AUTOMOBILE or other vehicle at the time, then complete the following questions:

28.1 What direction were you moving? (Circle One) Course of 70°

- | | | | |
|--------------|--------------|--------------|--------------|
| a. North | c. East | e. South | g. West |
| b. Northeast | d. Southeast | f. Southwest | h. Northwest |

28.2 How fast were you moving? 180 miles per hour.

28.3 Did you stop at any time while you were looking at the object?

(Circle One)

Yes

No

29. What direction were you looking when you first saw the object? (Circle One)

- | | | | |
|--------------|--------------|-----------------|--------------|
| a. North | c. East | <u>e. South</u> | g. West |
| b. Northeast | d. Southeast | f. Southwest | h. Northwest |

30. What direction were you looking when you last saw the object? (Circle One)

- | | | | |
|-----------------|--------------|-----------------|--------------|
| a. <u>North</u> | c. East | <u>e. South</u> | g. West |
| b. Northeast | d. Southeast | f. Southwest | h. Northwest |

31. If you are familiar with bearing terms (angular direction), try to estimate the number of degrees the object was from true North and also the number of degrees it was upward from the horizon (elevation).

31.1 When it first appeared:

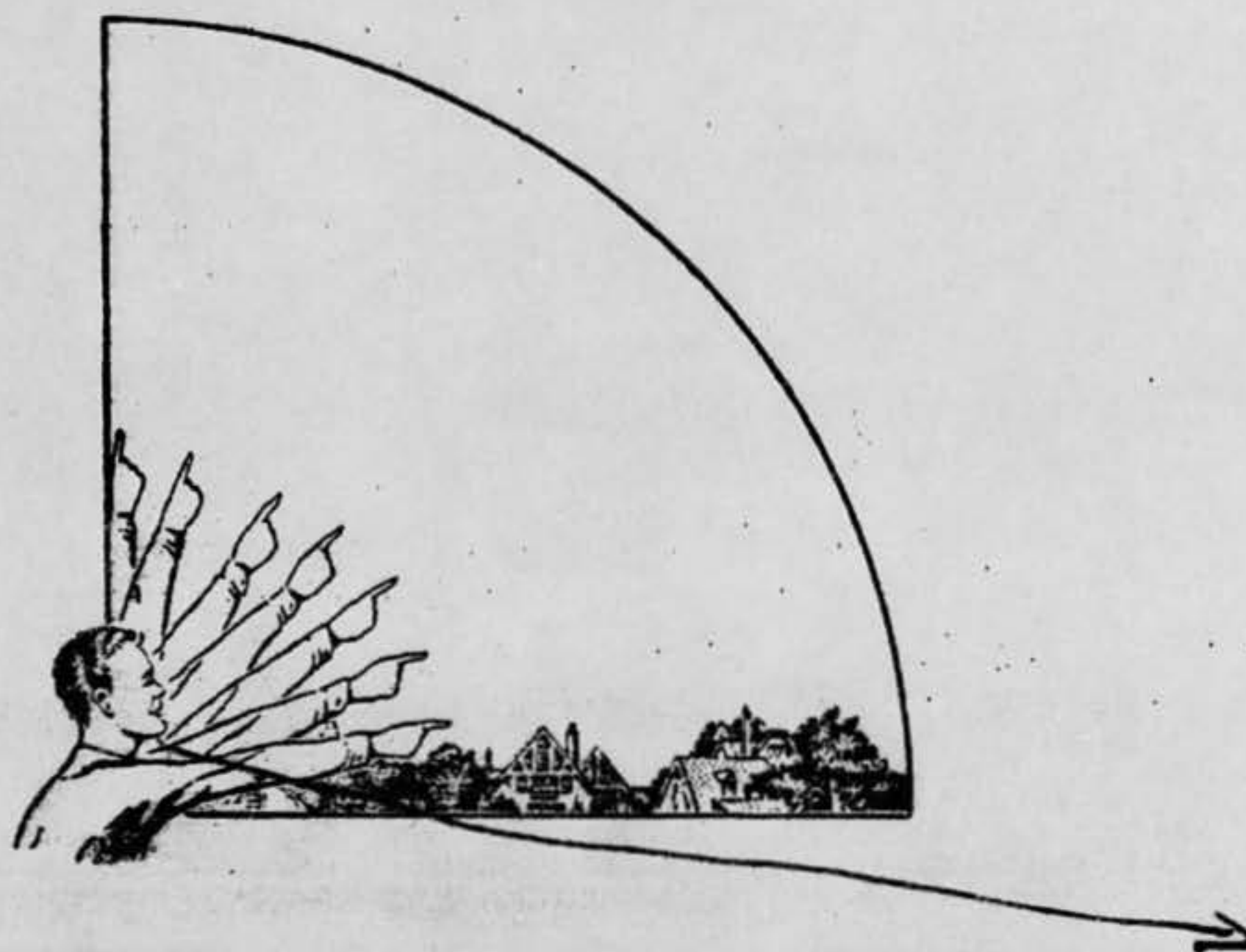
- a. From true North _____ degrees.
- b. From horizon _____ degrees.

31.2 When it disappeared:

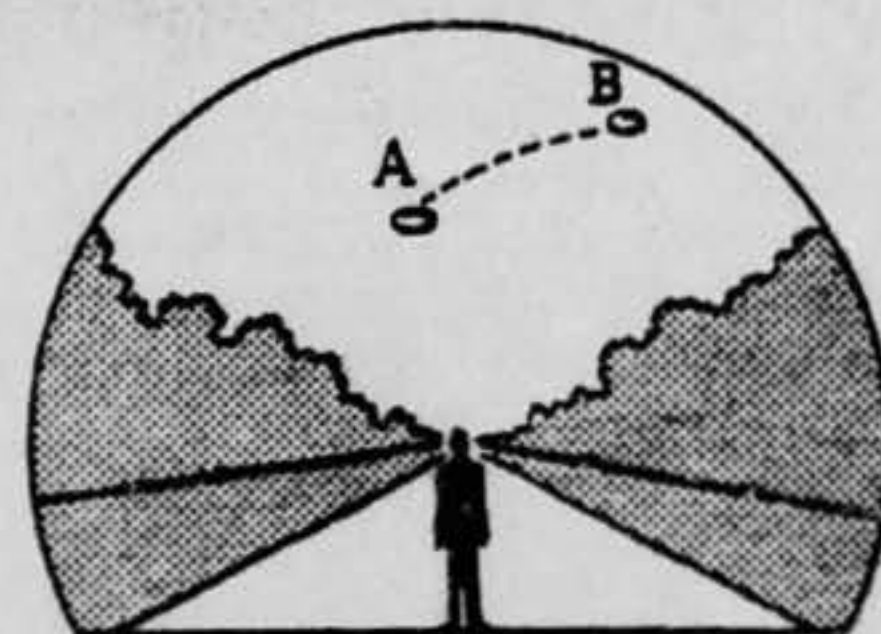
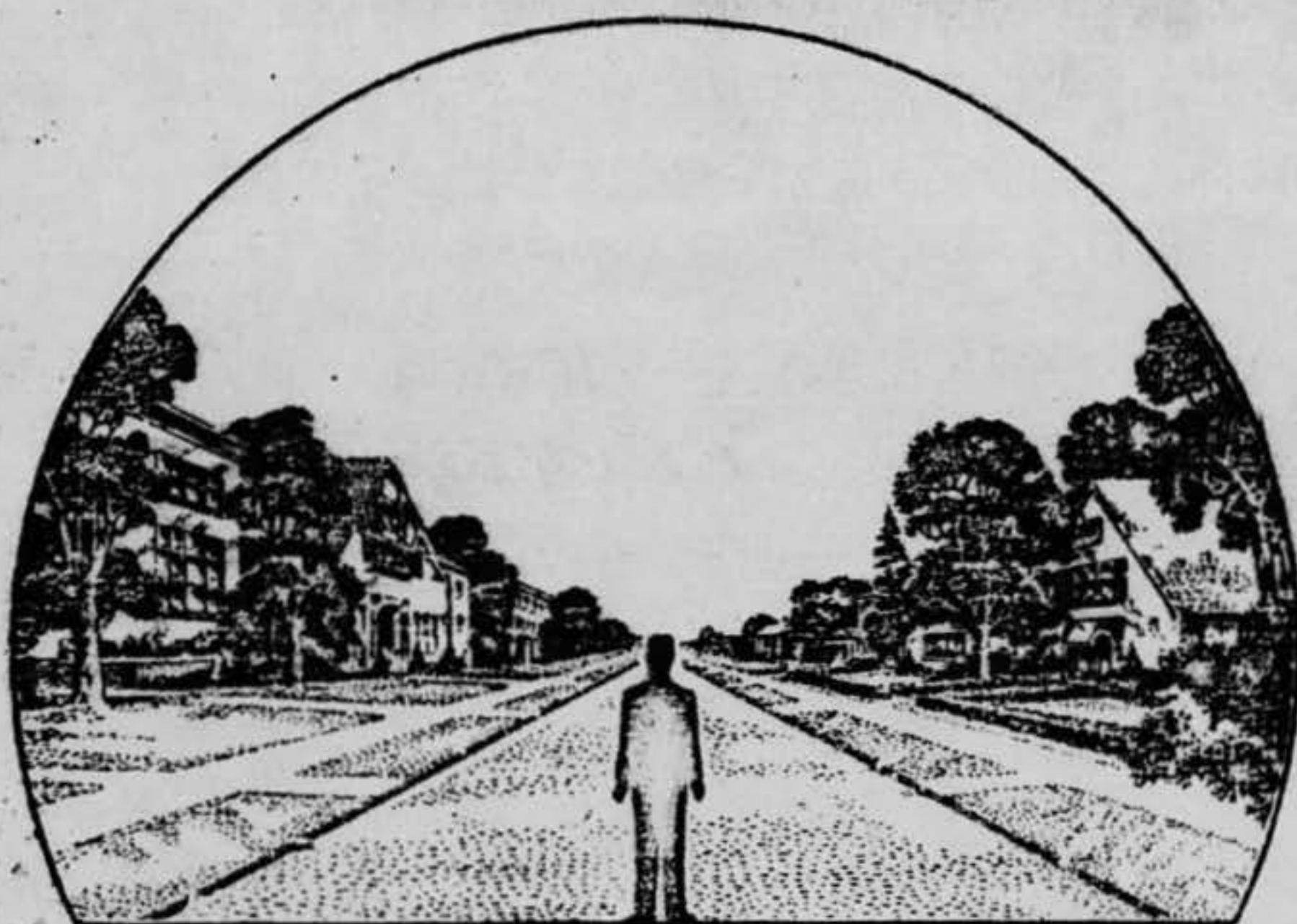
- a. From true North _____ degrees.
- b. From horizon _____ degrees.

I was on course of 20° - object at right angle to
aircraft on sight - green at 100°
No horizon visible but
object was below me at below cloud deck.

32. In the following sketch, imagine that you are at the point shown. Place an "A" on the curved line to show how high the object was above the horizon (skyline) when you *first* saw it. Place a "B" on the same curved line to show how high the object was above the horizon (skyline) when you *last* saw it.



33. In the following larger sketch place an "A" at the position the object was when you *first* saw it, and a "B" at its position when you *last* saw it. Refer to smaller sketch as an example of how to complete the larger sketch.



Impossible

34. What were the weather conditions at the time you saw the object?

34.1 CLOUDS (Circle One)

- a. Clear sky
- b. Hazy
- c. Scattered clouds
- d. Thick or heavy clouds
- e. Don't remember

deck to south -

34.2 WIND (Circle One)

- a. No wind
- b. Slight breeze
- c. Strong wind
- d. Don't remember

*tail wind
about 15 K.*

34.3 WEATHER (Circle One)

- a. Dry
- b. Fog, mist, or light rain
- c. Moderate or heavy rain
- d. Snow
- e. Don't remember

34.4 TEMPERATURE (Circle One)

- a. Cold
- b. Cool
- c. Warm
- d. Hot
- e. Don't remember

35. When did you report to some official that you had seen the object?

6

Day

Feb

Month

1956

Year

*Reported CAA
immediately - ATICA
on this answer*

36. Was anyone else with you at the time you saw the object?

(Circle One) *Yes* No

36.1 IF you answered YES, did they see the object too?

(Circle One) *Yes* No

36.2 Please list their names and addresses:

*[Redacted Name] Blvd
St. Louis (8), Mo*

37. Was this the first time that you had seen an object or objects like this?

(Circle One) *Yes* No

37.1 IF you answered NO, then when, where, and under what circumstances did you see other ones?

38. In your opinion what do you think the object was and what might have caused it?

*Logical guess is that it was some sort of
flash on an aircraft for photography, possibly
ship maps at night.*

39. Do you think you can estimate the speed of the object?

(Circle One)

Yes

No

same as mine

IF you answered YES, then what speed would you estimate?

180 m.p.h.

40. Do you think you can estimate how far away from you the object was?

(Circle One)

Yes

No

*At first thought
it was a few hundred
feet - best estimate
5 to 8 miles*

IF you answered YES, then how far away would you say it was?

5 to 8 miles

41. Please give the following information about yourself:

NAME

[Redacted] Last Name

[Redacted] First Name

[Redacted] Middle Name

ADDRESS

[Redacted] St. Street

Troy, City

Zone

Ohio State

TELEPHONE NUMBER [Redacted]

What is your present job?

[Redacted] Brown - Bridge Mills, Inc.

Age

50

Sex

M

Please indicate any special educational training that you have had.

a. Grade school ☒

b. High school ☒

c. College ☒

d. Post graduate ☐

e. e. Technical school ☐

(Type)

Mechanical Eng.

f. Other special training ☐

42. Date you completed this questionnaire:

8 Day

Feb Month

56 Year

U. S. AIR FORCE TECHNICAL INFORMATION SHEET

(SUMMARY DATA)

In order that your information may be filed and coded as accurately as possible, please use the following space to write out a short description of the event that you observed. You may repeat information that you have already given in the questionnaire, and add any further comments, statements, or sketches that you believe are important. Try to present the details of the observation in the order in which they occurred. Additional pages of the same size paper may be attached if they are needed.

NAME

(Please Print)

(Do Not Write in This Space)

CODE:

SIGNATURE

DATE

8 Feb, 1956

I left St Louis Lambert Field at dusk Jan 5. with my passenger [redacted], our St. Louis salesman. We climbed VFR to 5000' and flew airways using Omni Range stations. An ex-air force man (an ex-saucer?) said "Do you believe in flying saucers?" I handed it off and didn't even look. At about Clayton marker 10 miles or so west of Indianapolis he said "Here it is again this time I saw a very bright intermittent light that at first appeared to be just off my right wing tip and at my altitude. First reaction was that another air craft was passing us very close & that this was one of his white belly lights. Second & closer observation showed light some distance away - maybe 3 maybe 10 miles. Nothing to judge by - no horizon. Best guess on distance

was some what south and west of Maple
Weir took airport. I called Maple radio &
asked what it was & light went off. ~~The~~ While
CRA was calling tower air time over Chicago
called me and said " Glad you asked what
that light was in over Chicago and I saw
it flashing and it just went off " Chicago
is about 185 miles from this point. I figure
that the object was in the air because, if it
were on the ground, the pilot in Chicago
would have had to be at 24,000 ft altitude
to see it.

For brightness comparison - at
Indianapolis some one was opening
a gas station or super market or some thing
& had several of those portable strong beam
producing lights. In contrast they were
candles in brightness. -

Another point I had not thought of -
After the light went out, or disappeared I did
not see any aircraft position lights.

Suggestion - if this is army
photographic equipment similar high intensity
lighting, sure would help on airports on low
visibility approaches on dark foggy nights

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

REPLY TO
ATTN OF: CCDPD

SUBJECT: Copy of Selected Adiabatic Charts

24 April 1961

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

1. Reference: Telephone request 21 April 1961.
2. We are inclosing photo copies of Adiabatic Charts for 4 through 6 January 1956 from Wright-Patterson Air Force Base and Chanute Air Force Base.
3. These two stations are the nearest on either side of Indianapolis, Indiana, taking radiosonde observations in January 1956. Peoria did not begin raobs until 12 September 1956 and Joliet discontinued in 1953.

FOR THE DIRECTOR

Pallas L. Tye, Jr.
PALLAS L. TYE, JR.
Captain, USAF
Administrative Officer

Atch
Adiabatic Charts as noted above

THE BROWN-BRIDGE MILLS, INC.

TROY, OHIO

OFFICE OF

April 18, 1961

Aerospace Technical Intelligence Center
United States Air Force
Wright-Patterson Air Force Base
Ohio

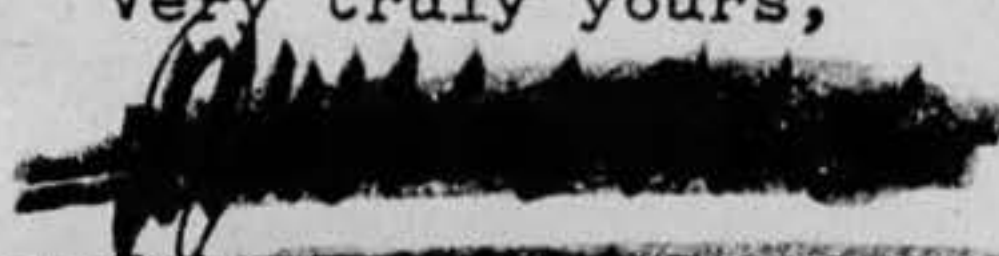
Att: AFCIN-4E

My dear Colonel Evans:

My face is red! The day before that meeting I got out my log book. The year changed in the middle of the page. At the top of the page, the dates were 1955 and in the middle I began 1956. Consequently, my report to you verbally was erroneous and the report I made to the Center some years ago was in 1956 and the sighting was on the night of January 5 that year instead of the previous year.

Try again and see what you come up with.

Very truly yours,



OFFICIAL FILE COPY

4E

AFCIN-4E/Maj Friend/vw/69216

17 APR 1961

UFO Sighting

The Brown Bridge Mills Dns.
ATTN: Mr. [REDACTED]
Troy, Ohio

Dear Mr. [REDACTED]

We have searched our files in vain for the report of the UFO sighting which you experienced on 5 January 1955. Unfortunately you did not mention to what agency you made your report, but every year some few cases are lost due to their being reported to some non-military agency and never reaching Air Force channels.

If you will complete the attached questionnaire and return it to AFIC, we will attempt to determine the probable cause of the sighting.

The AFIC address follows:

Aerospace Technical Intelligence Center
ATTN: AFCIN-4E
Wright-Patterson Air Force Base, Ohio

Sincerely,

[Signature]
PHILIP G. EVANS
Colonel, USAF
Deputy for Science and Components

1 Atch
AFIC Form 104

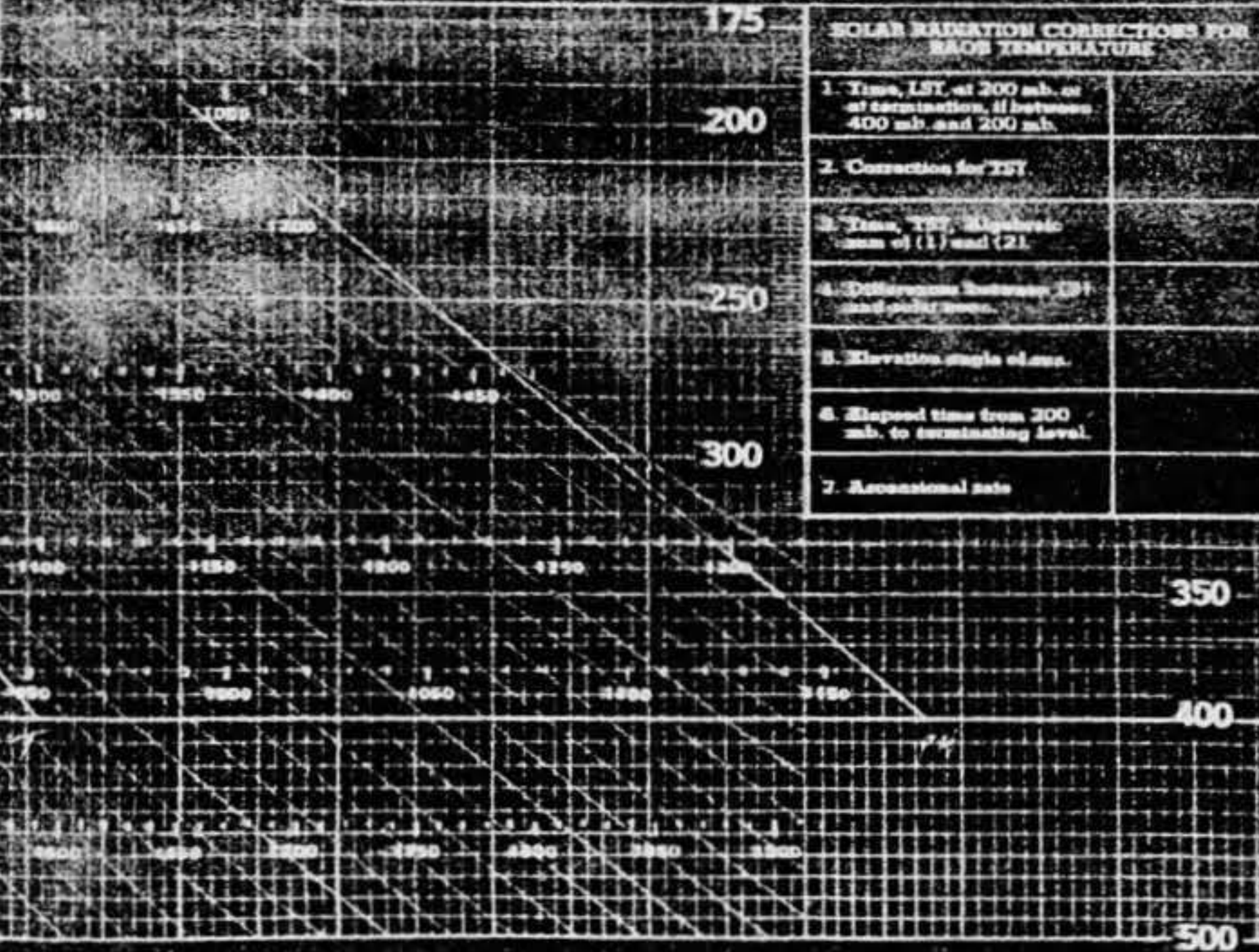
COORDINATION: AFCIN-4E

[Signature]
Maj Robert J. Friend

DATE 14 April 61

Code Sheet	Level No.	PRESSURE		TEMPERATURE				RELATIVE HUMIDITY		DEW POINT	REMARKS
		Contact	mb	Ordinate	Ascent (°C)	Correction	Corrected	Ordinate	Including Correction at 5	°C	
SIGNIFICANT LEVELS											
900	1	7.1	10	7.2	7.2	-3.7		7.3	47	11.6	
850	2	7.2	10	7.2	15.5	-5.5					
800	3	5.4	2	9.6							
750	4	5.5	140	8.5			✓				
700	5	5.9	16.4	8.0							
650	6	9.0	17.6	8.5							
600	7	8.4	16.4	9.3							
550	8	9.6	15.2	11.4							
500	9	10.4	17.7	12.1							
450	10	11.4	7.1	8.5			✓				
400	11	11.5	9.4	9.6							
350	12	12.4	1	10.9							
300											
250											
200											
150											
100											
50											

CODED MESSAGE FOR TRANSMISSION											
1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81	82	83	84
85	86	87	88	89	90	91	92	93	94	95	96
97	98	99	100	101	102	103	104	105	106	107	108
109	110	111	112	113	114	115	116	117	118	119	120



SOLAR RADIATION CORRECTIONS FOR SAOS TEMPERATURE	
1. Time, LST, at 300 mb. or at termination, if between 400 mb. and 200 mb.	
2. Correction for TST	
3. Time, LST, at 200 mb. (sum of (1) and (2))	
4. Difference between (3) and (1)	
5. Elevation angle of sun	
6. Elapsed time from 300 mb. to terminating level	
7. Accidental rate	

CONSTANT PRESSURE DATA

05			
10			

WEAN-31B



CHART WL-526/UN
1 AUG 1951 - SIG C STOCK NO. 7A507-426

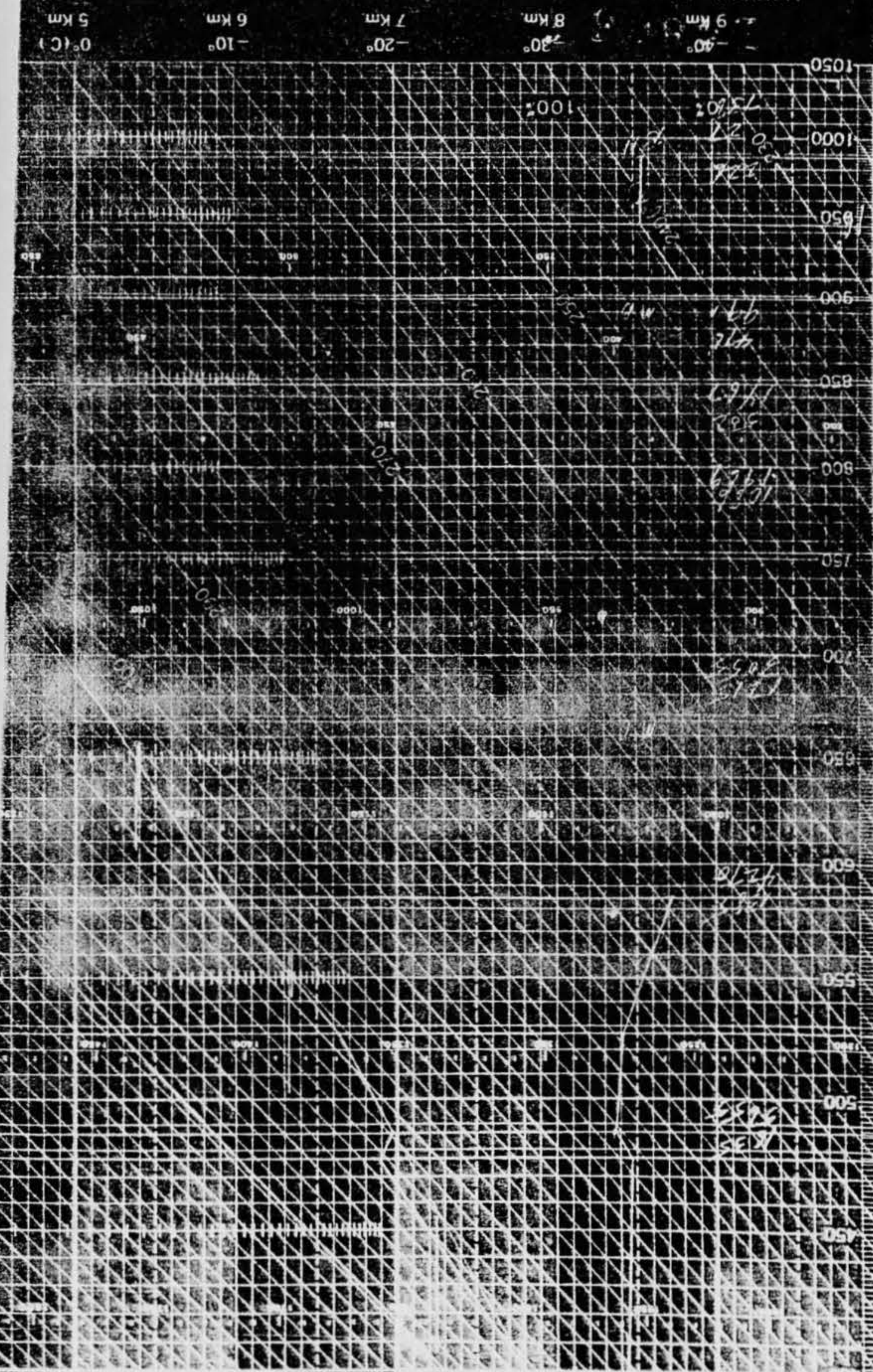
REPLACES CHART ML-426/UM, 1 SEP 49, WHICH MAY BE USED

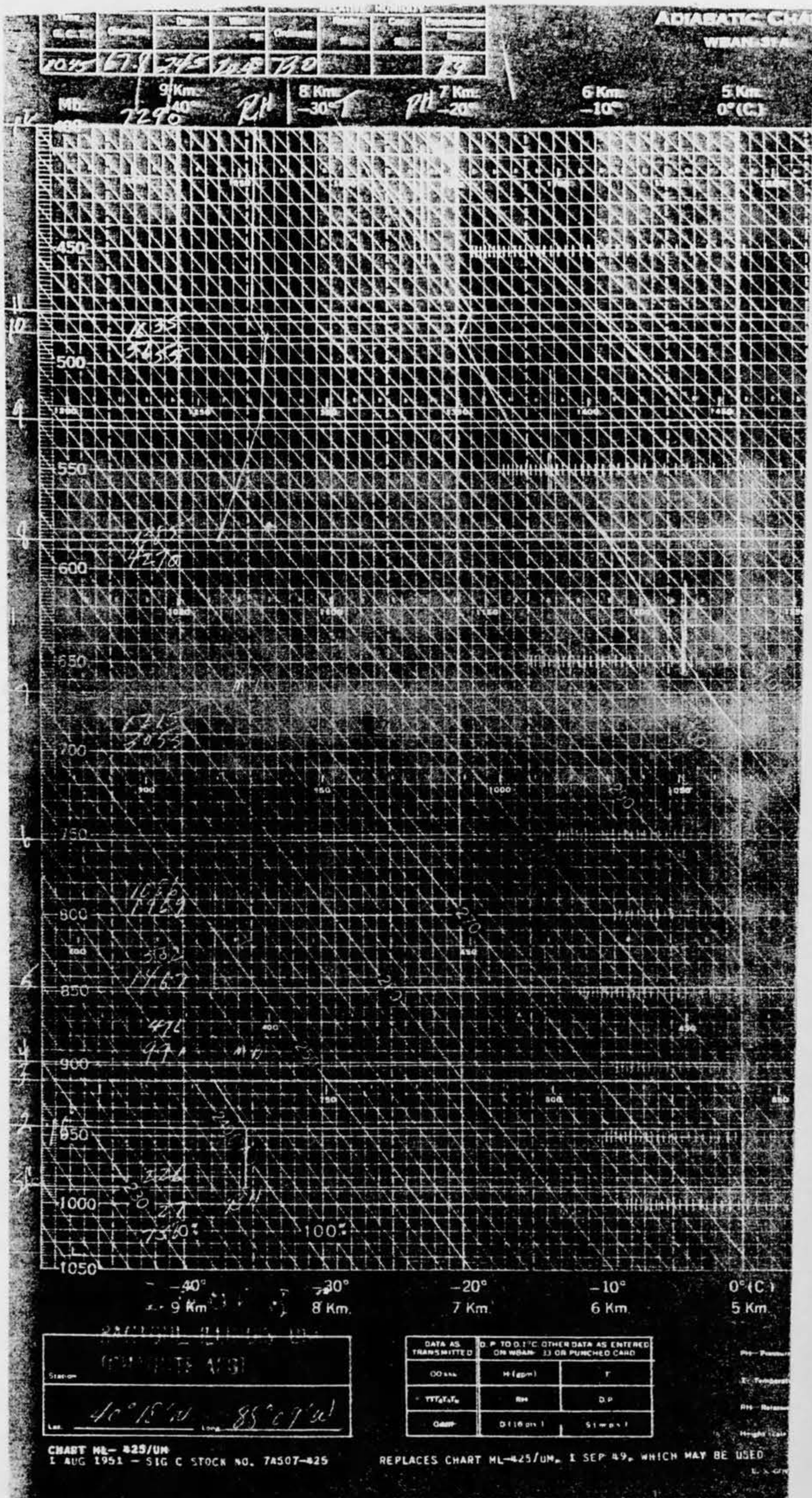
© 1997 by GCPN 2004,700

REPLACES CHART HL-425/UM, 1 SEP 49, WHICH MAY BE USED

DATE AS TRANSMITTED	CO. NO.	NO. (200)	DATE	51-11
DATE AS ENTERED	NO.	NO.	DATE	51-11

10. 12. 88 12. 31. 07





DATA BLOCK A

Climb Chart	Unit Alt	PRESSURE		TEMPERATURE		RELATIVE HUMIDITY		DEW POINT	WINDSPEED
		QNH	QFE	Celsius	Fahrenheit	Wet Bulb	Dry Bulb		
SIGNIFICANT LEVELS									
00	0	917		11.0		44	07		
01	5	915	949	5.7	7.7	29	45	3.3	
02	10	911	907	0.2	11.5	50	22	-9.5	
03	15	899	897	-0.7	12.2	40	10		
04	20	886	887	-2.4	10.1	5.0	22	-10.6	
05	25	873	873	-5.6	5.0	23	13.1		
06	30	867	867	-2.1	10.8	10.0	10.0		
07	35	855	855	-4.2	-9.3	5.0	27	-24.1	
08	40	845	845	-7.7	-16.3	4.3	59	-22.5	
09	45	837	837	-11.7	-19.7	35	62	-25.1	
10	50	830	830	-17.0	-25.1	54	26.0		
11	55	820	820	-21.0	-19.0	55	-34.3		
12	60								
13	65								
14	70								
15	75								
16	80								
17	85								
18	90								
19	95								
20	100								

CODED MESSAGE FOR TRANSMISSION

531 21037 9540 10493 05619
 70002 00499 03934 50855 68746
 03066 40392 78841 63265 55555
 10417 11503 11947 01577 22111
 11545 23042 12182 14184 10602
 55753 05636 66585 59743 77487
 69757 88477 69760

0577	7240	3422
7841	55	363
8225	12	033

310

6440	217
54	
47	033

315

853	3653	166
1744	61	243
2060	12	031

300

4450	135
46	
47	033

315

4270	180
102	
5	031

315

155	031
115	
47	033

293

0022	205	0001
0999	101	016
0911	12	031

293

200	105.2
102	
47	033

293

1969	001.3
22	
47	033

270

441	1057	0103
10493	051	0162
0619	12	031

270

1471	012.1
112	
47	033

225

0540	008.1
45	
47	033

21

037	0114	01
01		01
01		01

PRESSURE		
12487	0917	011.0
11503	44	00.7
01	01	004

MSI
 1ST Release
 DATE AND RELEASE TIME

QNH	QFE	QNH	QFE	QNH
90	56	Jan	05	1500
QCT	56	Jan	05	2100
Radiostr No	35225	Radiostr No	20	

A. F. STOCK NO. 2600-701-636-510

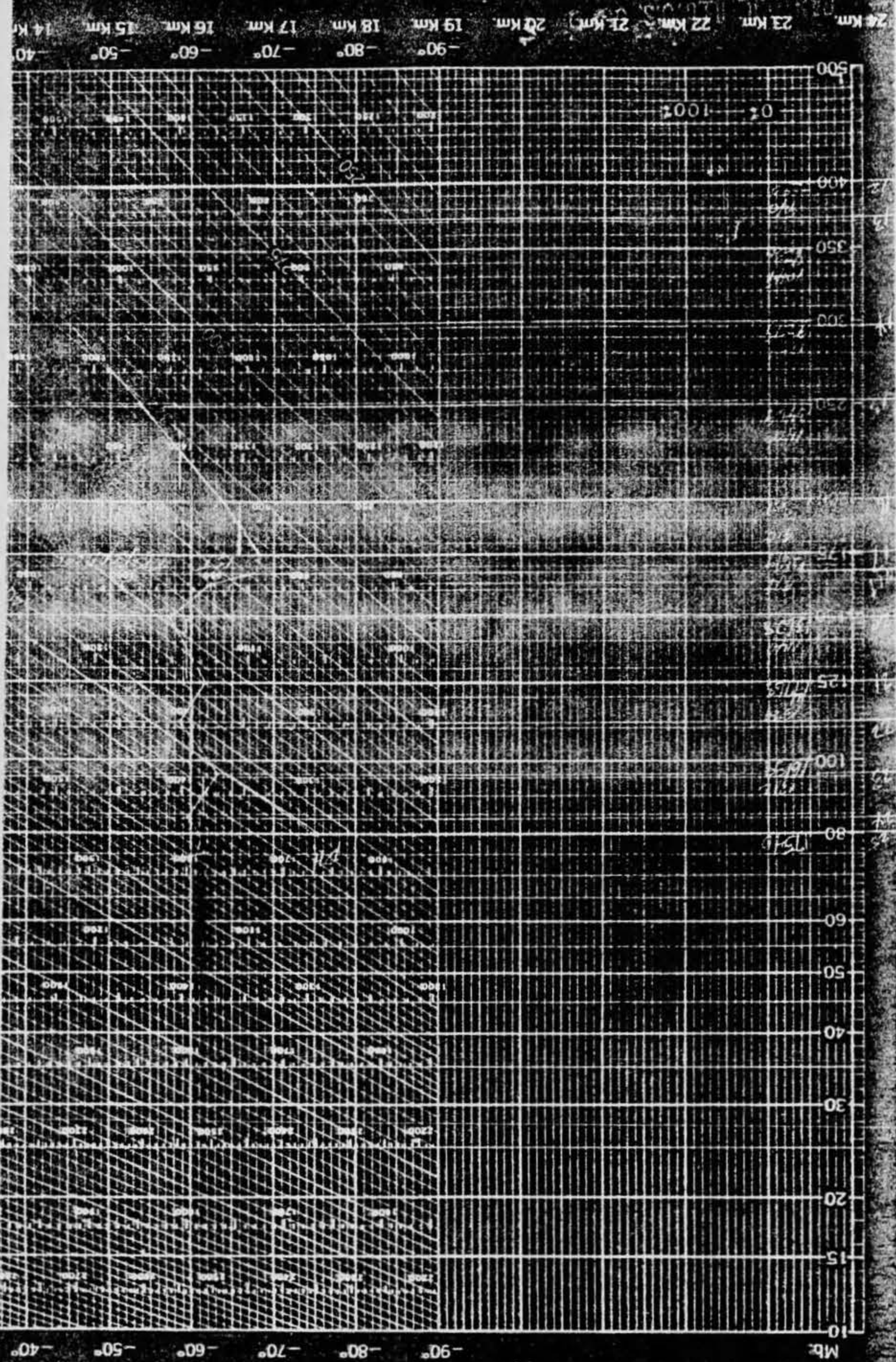
Drawn by R.F. WISE A/c
 Checked by R.L. CHRISTIANSON A/c
 Reported by _____

[illegible]

REPLACES CHART NL-426/UM, 1 SEP 45, WHICH MAY BE USED

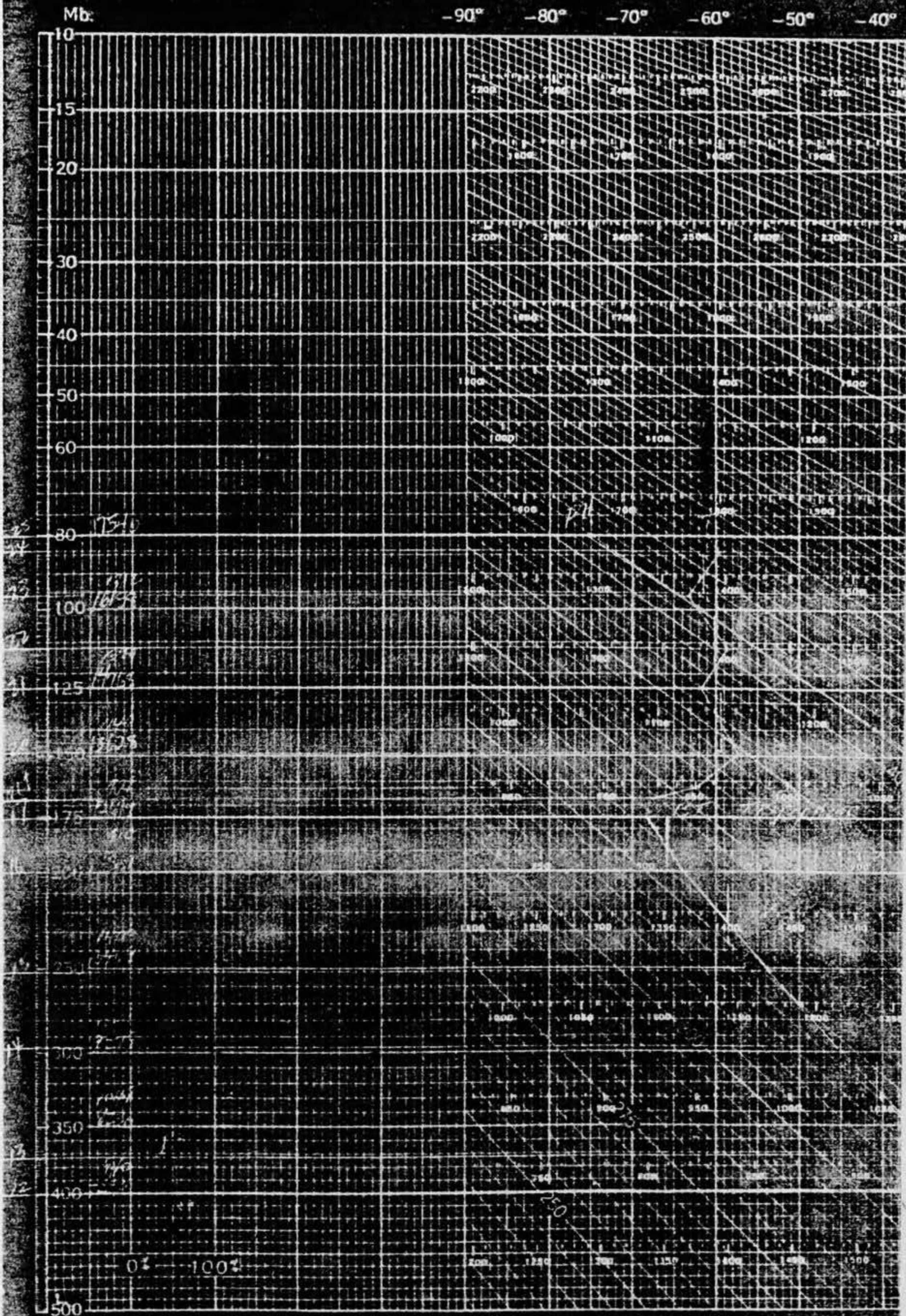
DATE	01/10/2010	TIME	10:10 AM
NAME	JOHN DOE	AGE	35
ADDRESS	123 MAIN ST, APT 4B, NEW YORK, NY 10001	PHONE	(212) 555-1234
EMAIL	john.doe@example.com	STATUS	ACTIVE

70.81.04
M. 6.85

ADJACENT CHART
WBAN-31B

ADIABATIC CHART

WBAN-31B



24 Km. 23 Km. 22 Km. 21 Km. 20 Km. 19 Km. 18 Km. 17 Km. 16 Km. 15 Km. 14 Km.

STATION: **GRANITE AFB**

Lat: **40°18'N** Long: **88°09'W**

DATA AS TRANSMITTED	O. P. TO 0.1°C OTHER DATA AS ENTERED OR WBAN-33 OR PUNCHED CARD	
Q01a	W (gpm)	T
TTT ₀ to T ₀	*W	*D.P.
Q00	D (16 mb.)	W (16 mb.)

Pressure height
Temperature
Relative humidity
Height above ground

TELEPHONE 21266



THOSE GUMMING SPECIALISTS

THE BROWN-BRIDGE MILLS, INC., TROY, OHIO

THIS CORRESPONDENCE FROM
ST. LOUIS OFFICE
4378 LINDELL BLVD., ST. LOUIS 8, MO.
PHONE: TAYLOR 1-4942
Franklin

Dear Mr. ~~██████████~~,

Regarding the unidentified object we saw returning from St. Louis to Troy.

The flight was made on January 5, 1954. I first noticed this flashing light while we were just north of Terre Haute, Indiana. It flashed with a brilliant white light about ten times in about ten seconds time. It was approximately south-east of Terre Haute.

The next time I saw it we were over the north of Indianapolis. The light was south-west or a little west of south of Indianapolis.

4 Km.
10°

Cool Check		PRESSURE		TEMPERATURE		RELATIVE HUMIDITY		WIND DIRECTION	WIND SPEED
COOL	WIND	COOL	WIND	COOL	WIND	COOL	WIND	COOL	WIND
1	2	98.4	3.5	98.4	3.5	98.4	3.5	98.4	3.5
3	4	96.8	9.8	96.8	9.8	96.8	9.8	96.8	9.8
5	6	92.3	11.0	92.3	11.0	92.3	11.0	92.3	11.0
7	8	90.4	13.6	90.4	13.6	90.4	13.6	90.4	13.6
9	10	73.1	5.2	73.1	5.2	73.1	5.2	73.1	5.2
11	12	70.0	1.3	70.0	1.3	70.0	1.3	70.0	1.3
13	14	62.2	-5.9	62.2	-5.9	62.2	-5.9	62.2	-5.9
15	16	57.9	-10.2	57.9	-10.2	57.9	-10.2	57.9	-10.2
17	18	52.2	-16.5	52.2	-16.5	52.2	-16.5	52.2	-16.5
19	20	43.2	-24.9	43.2	-24.9	43.2	-24.9	43.2	-24.9
21	22	40.0	-28.7	40.0	-28.7	40.0	-28.7	40.0	-28.7
23	24								
25	26								
27	28								
29	30								
31	32								
33	34								
35	36								
37	38								
39	40								
41	42								
43	44								
45	46								
47	48								
49	50								
51	52								
53	54								
55	56								
57	58								
59	60								
61	62								
63	64								
65	66								
67	68								
69	70								
71	72								
73	74								
75	76								
77	78								
79	80								
81	82								
83	84								
85	86								
87	88								
89	90								
91	92								
93	94								
95	96								
97	98								
99	100								

CONSTANT PRESSURE DATA		
575	7277	2177
77914	24	348
03020	13	016

6430	23.0
77	X
13	232

850	34	-18.4
68725	71	-23.4
83047	13	2.4

4-132	-137
-9	X
++	0.25

10-2	8-2
	X
+	0-2

3039	1-2-2
1-2-2	X
1-2	1-2



2410	2044
24	X
17	019

1949	00716
23	X
+	218

474	1-4	0106
5604	22	-1110
03725	12	013

1969	13.5
21	X
4	13

1532	0124
30	X
10	0 12

032	2070	M
	M	A

	PRESSURE	
10-24	10-24	10-24
10-25	45	-2.4
0	-2.5	0.0

PHILIP M. HARRIS

PUNCHED CARD NO. 3

UNION CARB. No. 1

UNCHERD CARD No. 1

CODED MESSAGE FOR TRANSMISSION

231	1002	3545	1001	2725
2296	1003	12536	1850	2825
3047	1035	2119	22070	3550
2104	13025	1155	10903	2053
151	2204	125	1451	200
200	579	155	7005	10
3674	95402	2-7.9	08	

10°
4 Km

20°
3 Km

30°
2 Km

40°
1 Km

50°
S.L.

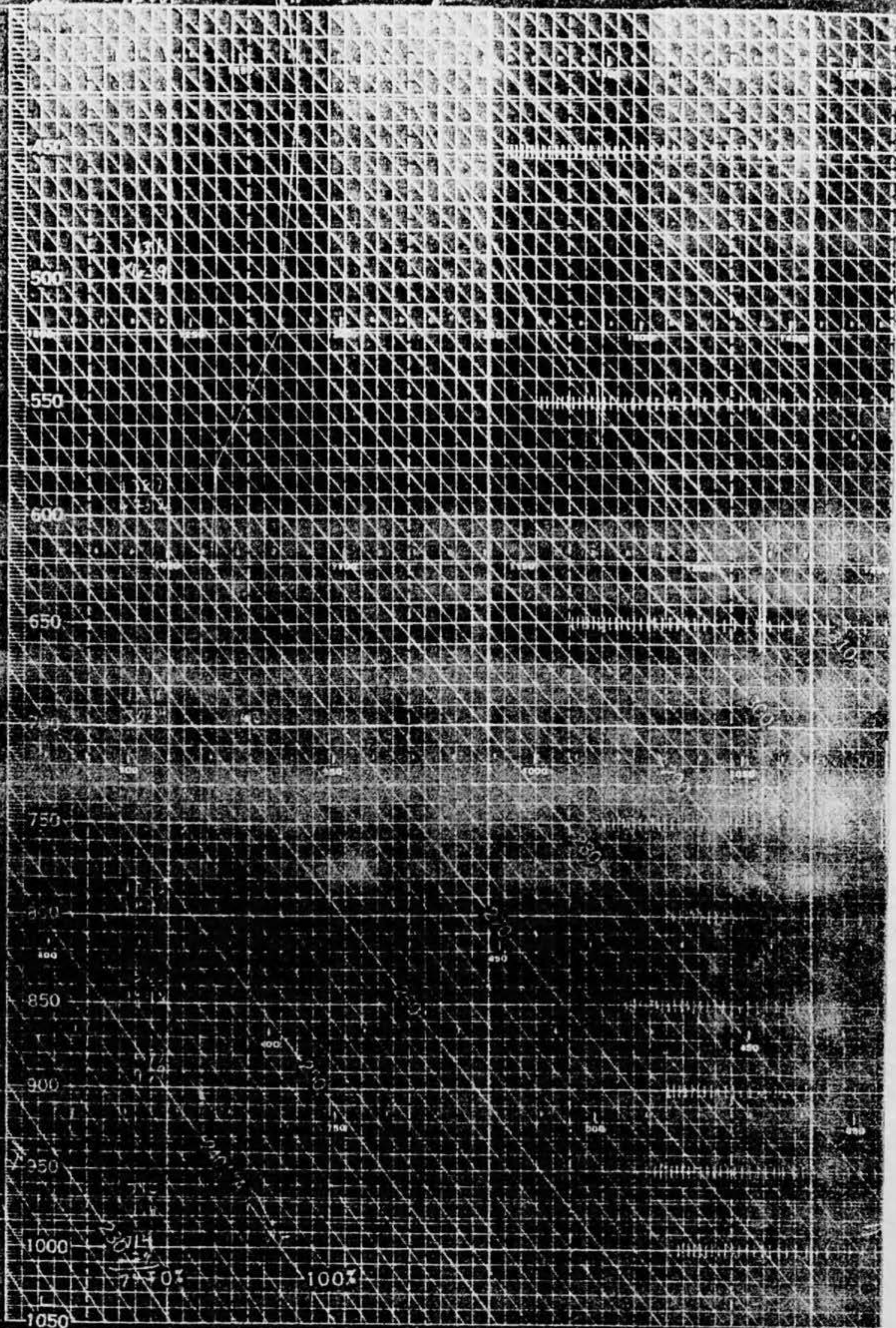
DATE AND RELEASE TIME 1ST 8:00 PM 1951

	Year	Month	Day	Time
AD - Mr. [illegible]	1956	100	5	2:10
ACT	1956	100	5	2:30
Reference No	35007		Reference No	21

A. F. STOCK NO. 2600-701-636-510

ADIABATIC CHANGES

MD	9 Km -40°	8 Km -30°	7 Km -20°	6 Km -10°	5 Km 0° (C)
TE 101					



-40°	-30°	-20°	-10°	0° (C)
9 Km	8 Km	7 Km	6 Km	5 Km
14806				

Station _____

Lat. 42° 30' N Long. 122° 15' W

DATA AS TRANSMITTED	D, P TO 0.1°C. OTHER DATA AS ENTERED ON WDRM-33 OR PUNCHED CARD	
DO ₁₀₀₀	H (gpm)	T
TTT ₆ TT ₆	RSP	D.P.
QADR	D (16 psi)	S (16 psi)

Order: Pteromalidae

T: Temperature

1034 Mark Johnson, PhD

Strength scale in

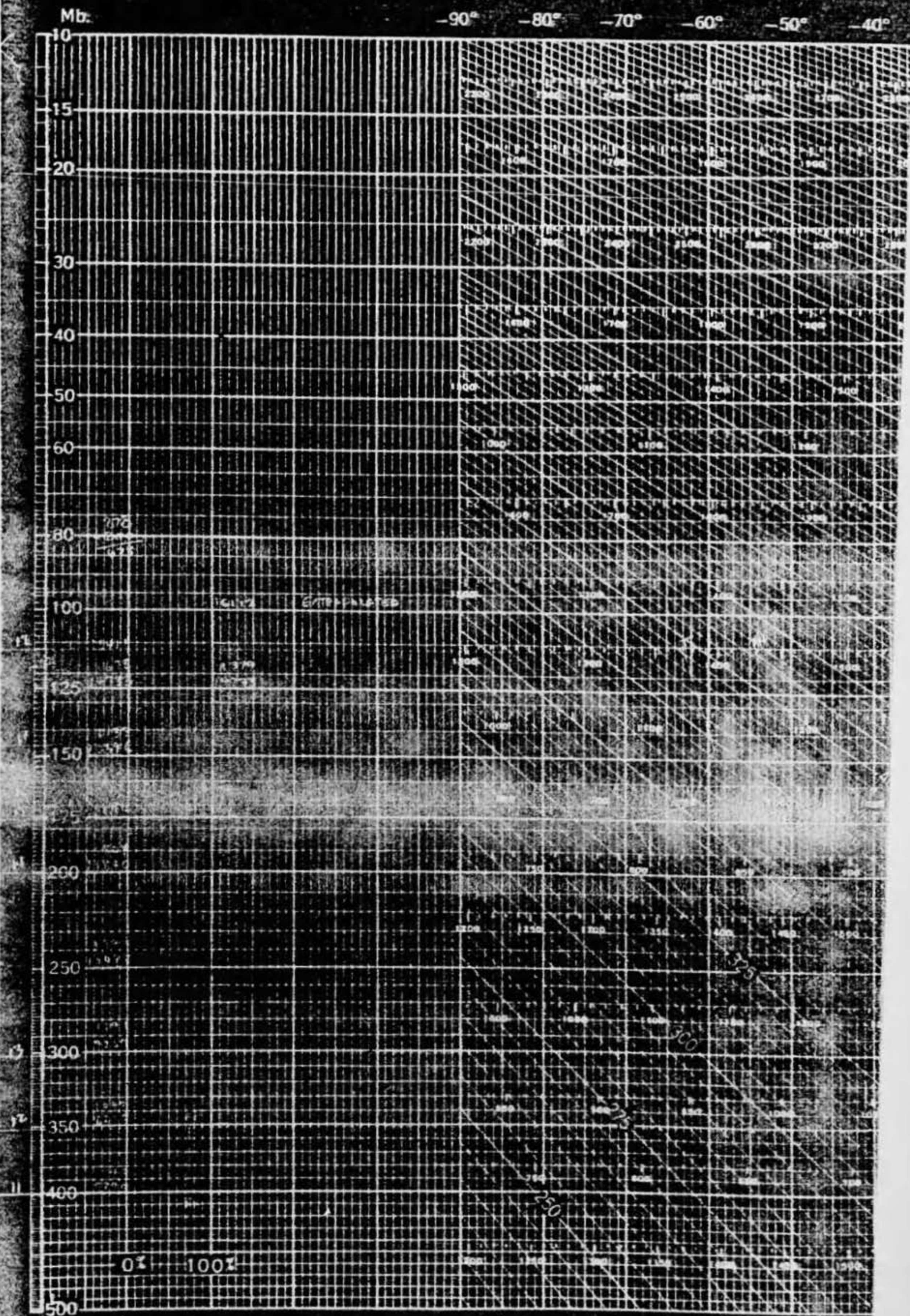
CHART NO. 425/UNP
1 AUG 1951 - SIG C STOCK NO. 7A507-425

REPLACES CHART ML-425/UM, 1 SEP 49, WHICH MAY BE USED

U. A. GAWRYS

ADIABATIC CHART

WBAN-31B



24 Km. 23 Km. 22 Km. 21 Km. 20 Km. 19 Km. 18 Km. 17 Km. 16 Km. 15 Km. 14 Km.

Station	
Date	
Lat. <u>40° 15' N</u>	Long. <u>75° 15' W</u>

DATA AS TRANSMITTED	D. P. TO 0.1°C OTHER DATA AS ENTERED ON WBAN-33 OR PUNCHED CARD	
Q0500	T (gpm)	T
TT0500	"0500	"D.P.
Q0500	D (10 pm.)	S (m.s.)

PH - Pressure (hPa)
T - Temperature (°C)
RH - Relative Humidity
Height - Height (km)

CHART NO. 526/UM
1 AUG 1952 - SIG C STOCK NO. 7A507-226

REPLACES CHART NO. 526/UM, 1 SEP 59, WHICH MAY BE USED

U.S. GOVERNMENT

10°

10°

Date Obsd	Local Time	PRESSURE		TEMPERATURE		RELATIVE HUMIDITY		SEA	REMARKS
		Obsd	Red	Obsd	Red	Obsd	Red		
SIGNIFICANT LEVELS									
00	2		904		15			-72	
11	3	20	752	778	11.0	20	20	-73	
12	4	25	420	225	10.2	25	25	-70	
13	5	30	578	221	13.2	50	25	-65	
14	6	35	850	165	12.0	100	100	100	
15	7	40	775	573	8.1	50	25	-72.8	
16	8	45	564	474	-11.0	20	25	-74.6	
17	9	50	415	313	-13.2	25	35	-255	
18	10	55	432	227	-25.2	45	75	-28.2	
19	11	60	541	400	-28.1	50	65	-37.0	
20	12								
21	13								
22	14								
23	15								
24	16								
25	17								
26	18								
27	19								
28	20								

CODED MESSAGE FOR TRANSMISSION				
531	04032	85472	17990	03123
70994	00647	03824	50850	67752
02972	40397	78821	23024	55555
02984	01534	11952	11523	22400
10571	32878	13582	44795	08621
51564	61692	86537	63752	77432
75781	11			

0357	7275	26.1
0821	67	28.0
0771	43	033

6430	-231
69	X
42	034

0050	5640	-172
67752	49	-255
02972	43	037

4920	-120
42	X
42	032

4248	-078
42	X
42	025

3620	-034
38	X
42	021

0354	531	005
0107	22	
0151	13	

2480	0047
27	X
12	012

1944	0065
113	X
44	013

0473	1441	0190
12950	(12)	110
005	44	012

0963	0102
29	X
73	012

0520	0107
37	X
42	011

0032	0056	1
	11	11

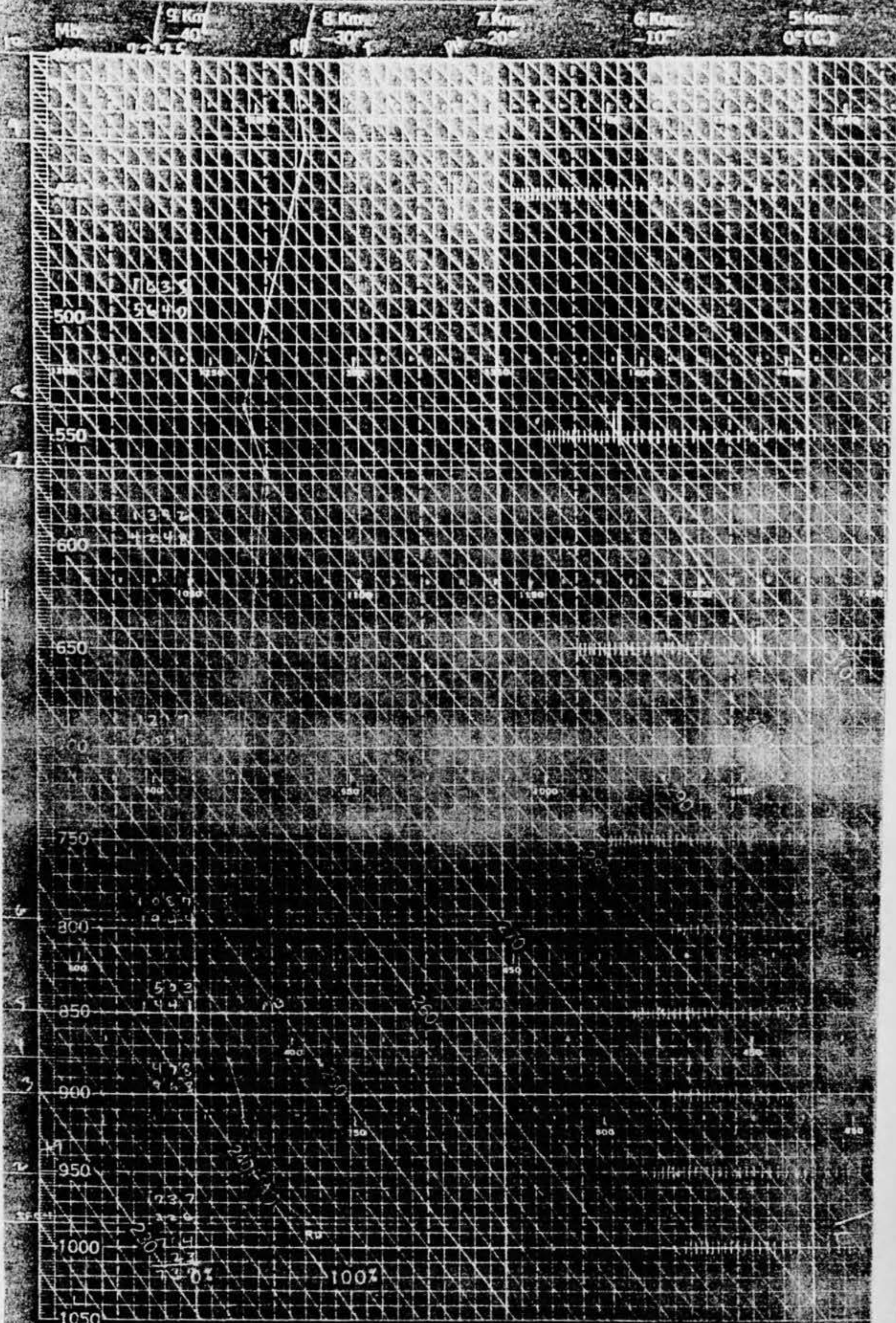
PRESSURE		
00984	0784	0015
01534	71	-32
	42	000

Drawn by C. P. HALLMAN alic
Worked by R. K. BELESKY alic
Inspected by _____

Year	Month	Day	Time
1956	JAN	6	0300
1956	JAN	6	0700

TEMPERATURE		WIND		PRESSURE		HUMIDITY	
Time	Observed	Dir	Spd	Sea	Bar	Rel	Wet Bulb
0815	65.2	22	16.3	72.4	72.4	72	72

ADIABATIC CHART
VERTICAL SCALE



40° 30° 20° 10° 0° (C)
8 Km 7 Km 6 Km 5 Km

FINDING: 14806	
Station: 1010175 2001	
Lat: 40° 12' N	Long: 98° 07' W

DATA AS TRANSMITTED		D. P. TO 0.1°C OTHER DATA AS ENTERED ON WBAN- 11 OR PUNCHED CARD	
DDMM	YY	W (g/m)	T
TTT ₀ T ₁ T ₂		RH	D P
QdPP		Q (16 on 1)	S (m p. 1)

[illegible]

CONSTANT PRESSURE DATA

01		
0		
06		
0		

THE UNIVERSITY OF CHICAGO

4-AMINO-2-NAPHTHOL

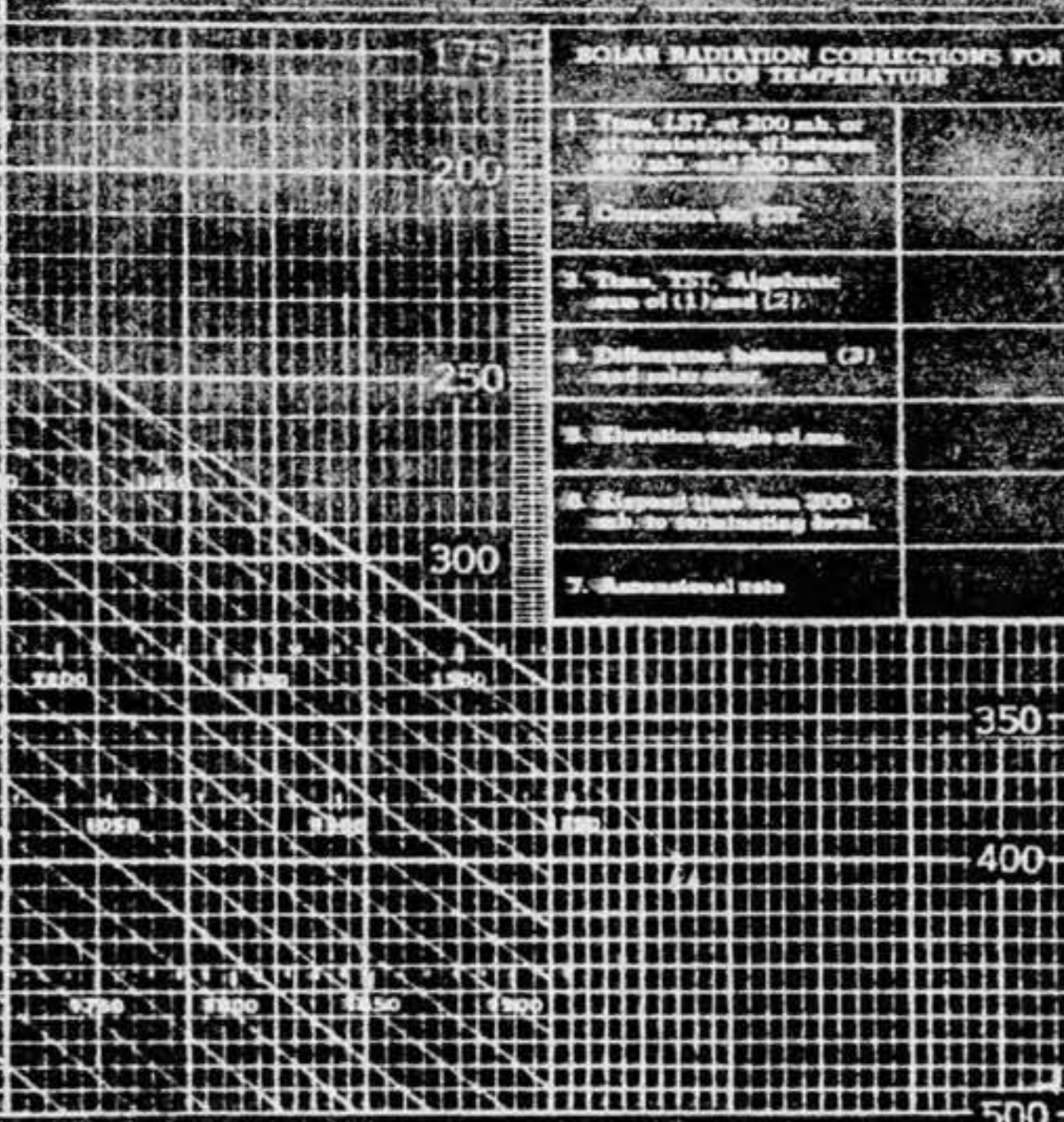
INCHES CUBED PER MINUTE

Myth 1: The Internet is a free zone.

}

[illegible]

10	0	0
9	X	X
0	1	0
282		
		1
280		
	1	0
	X	X
280		
280		
20	0	0
0	1	0
300		
2424	0	534
1324	0	X
0327	1	0
300		
42	271	440
740	0	0
0	1	0
300		
	0	0
	1	X
	1	0
300		



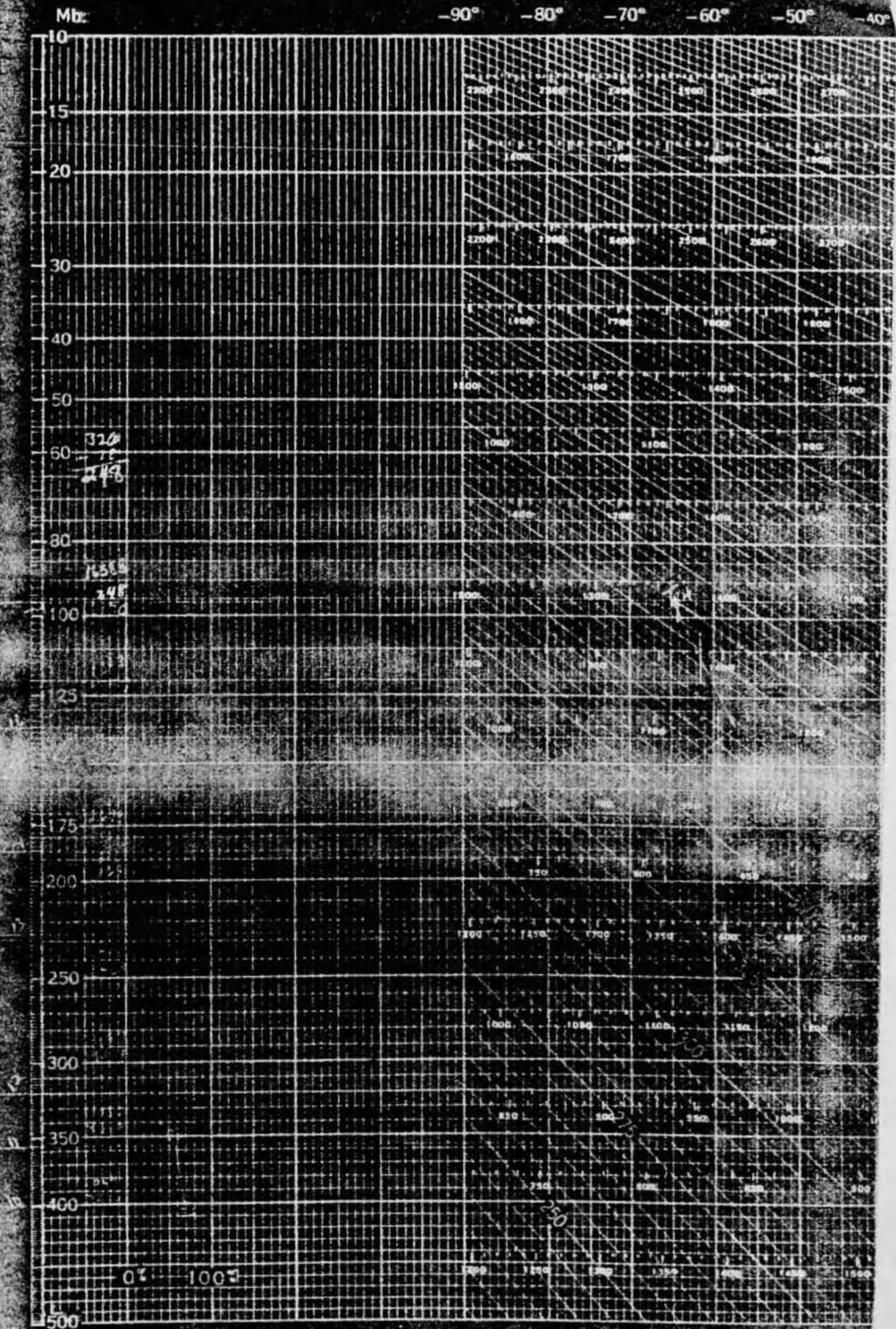
1. **Thom. IFT**, at 300 mb, or determination of between 300 mb and 350 mb.
2. **Connection to IFT**
3. **Thom. IFT**, Altimetric scan of (1) and (2).
4. **Difference between (2) and (1) in mb.**
5. **Elevation angle of sun.**
6. **Elapsed time from 300 mb to radiating level.**
7. **Altitudinal rate**

10°	0°	10°(°C.)				
Km.	10 Km.	9 Km.	8 Km.	7 Km.	6 Km.	5 Km.

	Year	Month	Day	Time
70 JAN 31	1956	JAN	6	0300
REV.	1956	JAN	6	0100
Reference No.	25020			Assessment No. 22

ADIABATIC CHART

WBAN-31E



24 Km. 23 Km. 22 Km. 21 Km. 20 Km. 19 Km. 18 Km. 17 Km. 16 Km. 15 Km. 14 Km.

14806

Station	
Lat. 45° 12' N	Long. 92° 59' W

DATA AS TRANSMITTED	O. P. TO 0.1°C OTHER DATA AS ENTERED ON WBAN-31 OR PUNCHED CARD	
	H (gms)	T
TV ₀ T ₀	*RH	*D.P.
Q ₀ W	D (16 pps)	S (M.S.L.)

Pd - Pressure height
T - Temperature °C
RH - Relative humidity
Height scale in gpm

*Derived above 200 mb.

CHART NO. 426/UN-
1 AUG 1951 - SIG C STOCK NO. 7A507-426

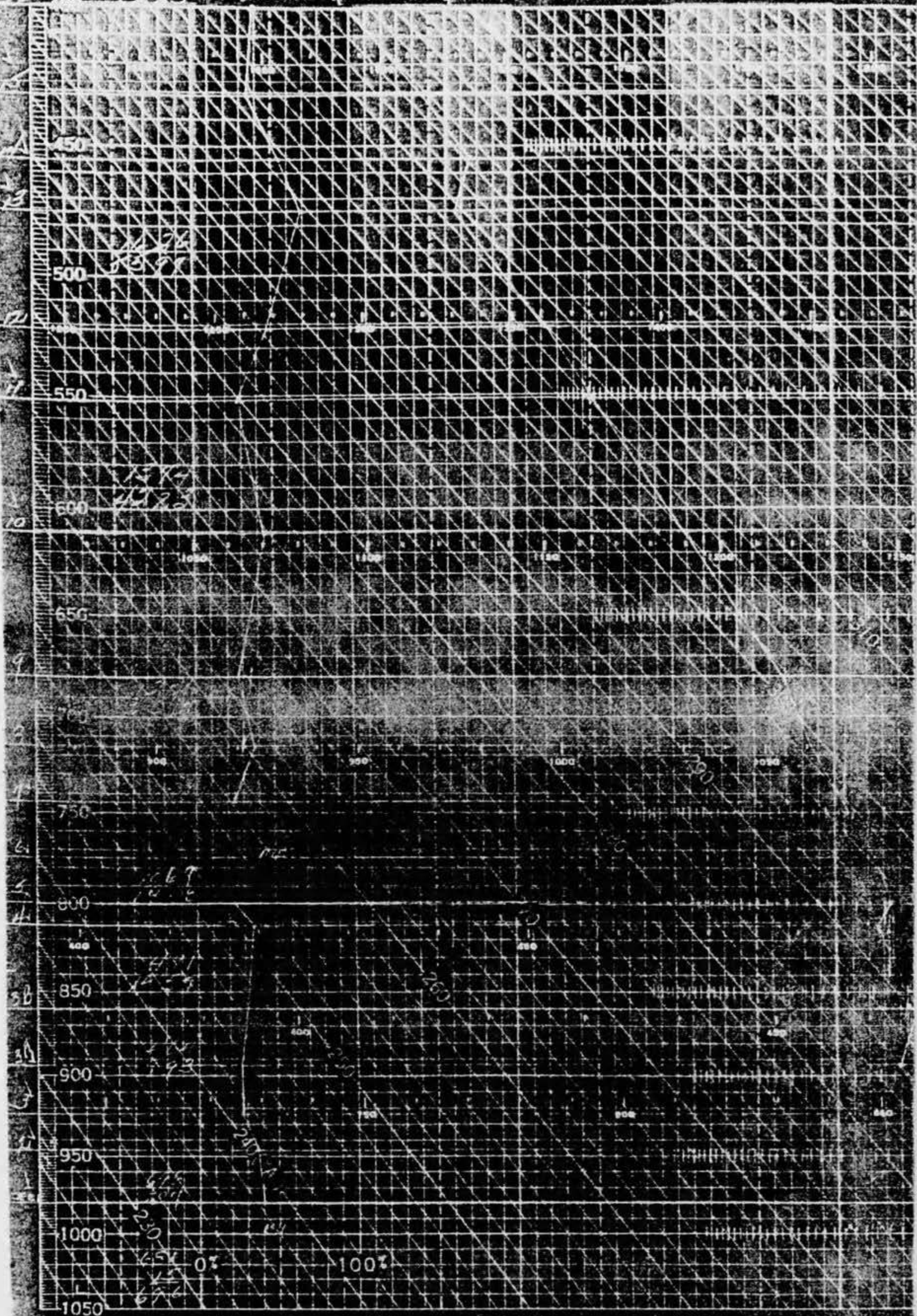
REPLACES CHART NO. 426/UN, 1 SEP 49, WHICH MAY BE USED

U.S. GOVT

TEMPERATURE				RELATIVE HUMIDITY			
Obs	Cor	Wt	Wt	Obs	Cor	Wt	Wt
10.50	0.3	2.5	2.5	81.6			77

ADIABATIC CHART
WEATHER

Miles 9 Km 400 ft 8 Km 300 ft 7 Km 200 ft 6 Km 100 ft 5 Km 0° (C)



13840

40°
-30°
8 Km.

-20°
7 Km.

-10°
6 Km.

0° (C)
5 Km.

Station	
Lat	Long

DATA AS TRANSMITTED		O. P. TO 0.1°C OTHER DATA AS ENTERED ON WBAN-33 OR PUNCHED CARD	
QD	W (gpm)	T	
TTT _A T _B T _C	RH	D.P.	
Qdew	D (16 pts.)	S (m p.s.)	

PH - Pressure
T - Temperature
RH - Relative Humidity
Height scale in ft

CHART NO. 425/UM
1 AUG. 1951 - SIG C STOCK NO. 7A507-425

REPLACES CHART NO. 425/UM, 1 SEP 49, WHICH MAY BE USED

COOL CHAM	LOW P	PRESSURE		TEMPERATURE		HUMIDITY		WIND
		Control	1	Bar	10	100	100	100

5/6	7/8	9/10
10/12	11/13	12/14
13/15	14/16	15/17

10390	230
50	X
24	0.36

03245	320	023
-------	-----	-----

400	0.25
20	X
10	0.25

1225	10-4
100	X
114	021

3620	251
	X
	017



7-10	0-0
1-2	X
3-4	0-0

1948	25
25	X
12	201

1405	12.4	004.6
1405	32	-10.6
2519	4	0.07

1942	004
27	X
27	004

0560005	
38	X
04	004

4	100	70
—	—	—
0	—	—

	PRESSURE	
0543	20	0.04
0	07	0.04

DATE AND RELEASE TIME

	Year	Month	Day	Time
1700	56	Nov	5	1600
GET	56	Nov	5	2100
Registration No	510117			Accession No 20

Both times it flashed
about ten times and lasted
for about ten seconds.

The flash was a brilliant
white. It looked like it
might have been in a reflector
as I noticed some sort of
reflected light around the
light.

The flash lit up the
sky. I believe the weather
reported the overcast to
be about 20,000 feet. There
was a very slight haze
in the horizon.

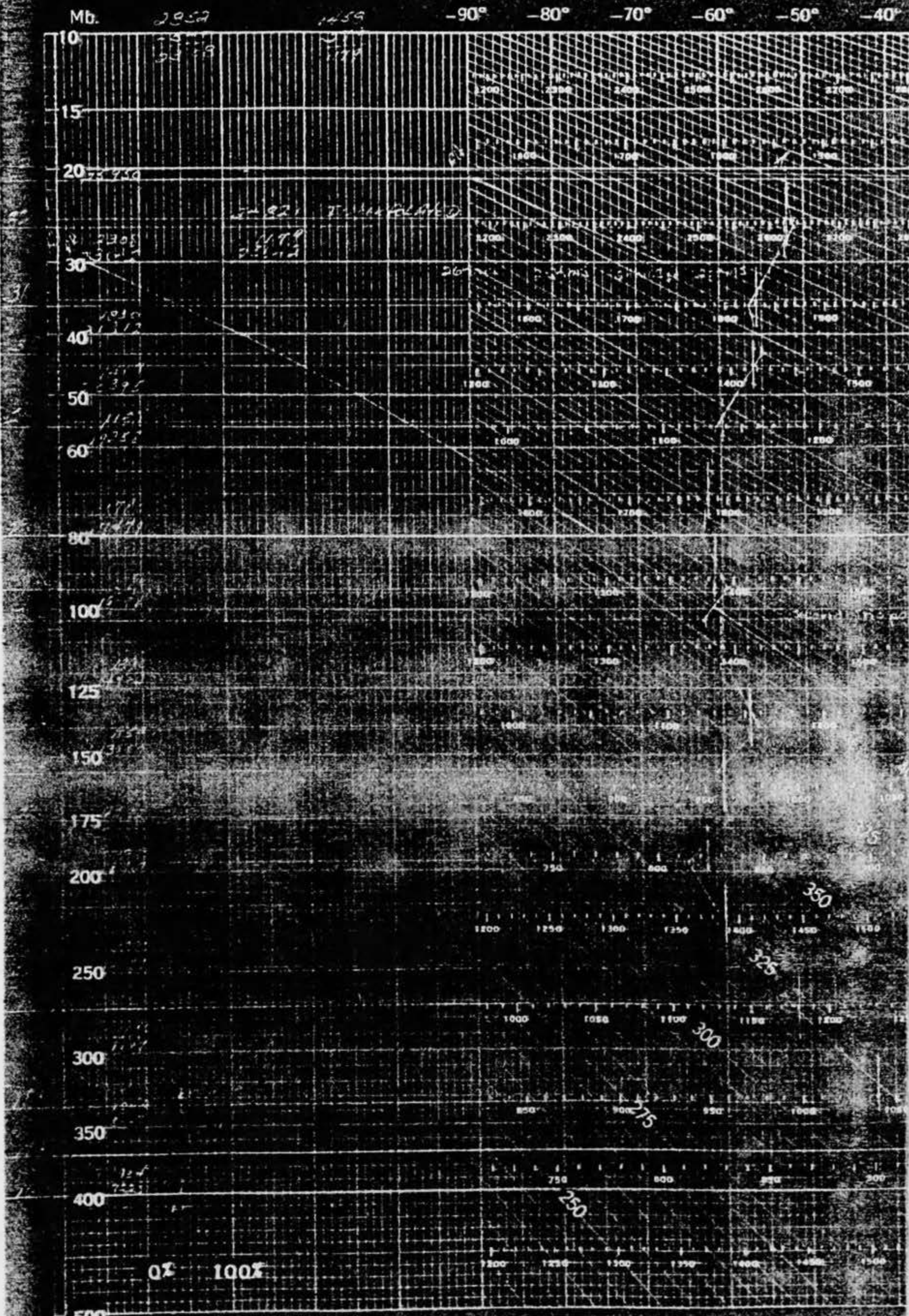
It was difficult to
determine just how far
in the horizon the flash
came from. It did appear
to be off the ground. It
did not seem to be moving
at any time.

The flash reminded me of
a strobe light used in photography.
It had a halo effect right next to
the light. Something like looking
into a light with a highly polished
surface.

65617
15817
E/13°

ADIABATIC CHART

WBAN-31B



24 Km. 23 Km. 22 Km. 21 Km. 20 Km. 19 Km. 18 Km. 17 Km. 16 Km. 15 Km. 14 Km.

System: **WRIGHT (S.A.F.B.)**

Lab: **544026** **64407W**

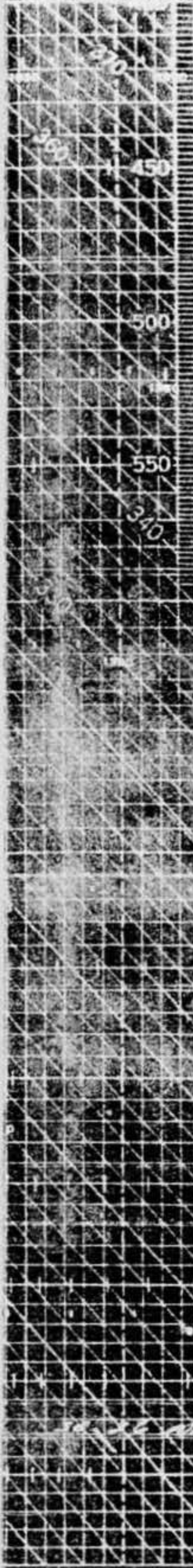
DATA AS TRANSMITTED	O. P. TO 0.1°C OTHER DATA AS ENTERED ON WBAN-33 OR PUNCHED CARD	
	H (mm)	T
TT ₀ & T _s	"R ₀	"O.P.
Q ₀ & Q _s	Q (10 pts.)	S (m.p.s.)

CHART ML-426/UM
1 AUG 1952 - SIG C STOCK NO. 7A507-426

REPLACES CHART ML-426/UM, 1 SEP 49, WHICH MAY BE USED

U.S. GPO: 1952 O-508881

10°
Km

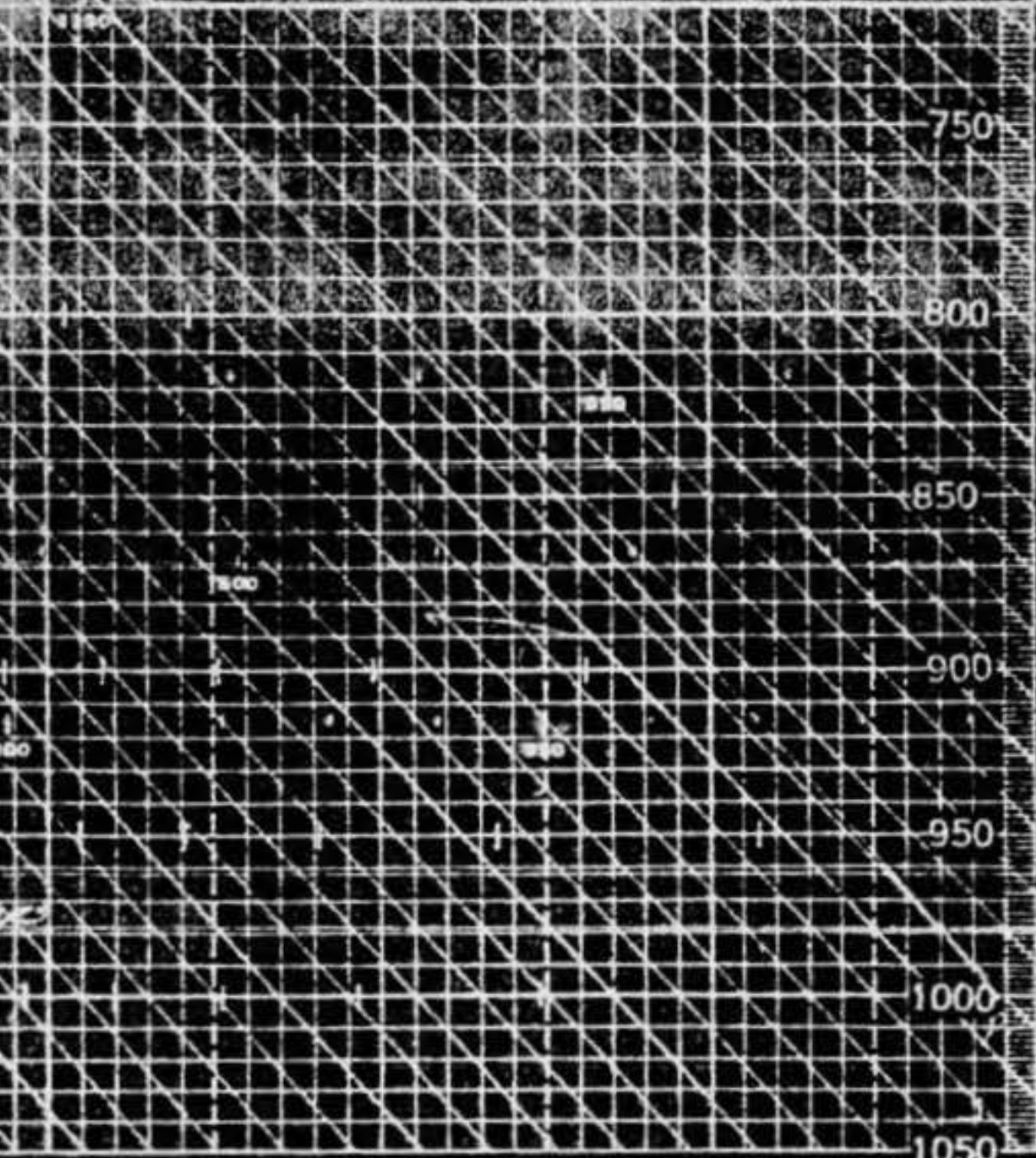


10°
4 Km

Code	Level	PRESSURE		TEMPERATURE		WIND VELOCITY		WIND DIRECTION
		Obs'd	Calcd	Obs'd	Calcd	Obs'd	Calcd	
10	3	77.9		3.5		27	5.0	
11	5	84.1		7.7		37	5.4	
12	7	86.9		6.4		36	7.5	
13	9	84.2		4.9		17.5	3.6	9.0
14	11	83.0		6.4		5.1	2.3	13.3
15	13	75.6		53.4		2.5	12.0	3.2
16	15	70.9		51.2		0.3	5.0	2.5
17	17	66.4		48.0		4.6	4.0	4.0
18	19	63.5		47.0		6.0	2.6	22.4
19	21	55.8		43.5		10.5	3.4	5.6
20	23	50.0		35.0		21.4	5.6	8.1
21	25	47.0		35.1		20.7	5.6	8.1
22	27	59.5		28.7		29.5	6.7	33.7
23	29							
24	31							
25	33							
26	35							
27	37							
28	39							
29	41							
30	43							

CODED MESSAGE FOR TRANSMISSION

570 51991 03050 50543 69727
03154 00376 79836 09170 00000
05979 03554 11762 07513 22819
06525 03720 04573 71830 06675
05705 01655 08001 04003 27595
06723 08555 00007 04001 39116
12029 11
099484 71736 00479 70937



20°
3 Km

30°
2 Km

40°
1 Km

50°
M.S.L.

Classified by 221. HINT e/c
Declassified by DC HALL e/c
Inspected by 1. HINT e/c

DATE AND RELEASE TIME				
Year	Month	Day	Time	
75	12	6	7:11	5:50
D.C.T.	10	6	7:14	0:00
Radioactive No.	50860	Accession No.	21	

A. F. STOCK NO. 2600-701-636-510

CONSTANT PRESSURE DATA

570	77.9	3.5
11	84.1	7.7
12	86.9	6.4

310

6420	73.9
76	X
44	23.9

315

-30.2

543	5617	19.7
4729	77	22.7
9159	4	230

310

+10.5

4020	14.5
64	X
44	23.9

308

4207	
47	X
74	21

305

170	05.2
15	X
44	23.9

303

4710	30.2	1.0
519	11	
03030	3	1.5

303

7400	0.2
71	X
49	0.13

282

1458	004.7
77	X
12	0.9

260

471	1.8	1.0
77	2.0	
92412	4	1.06

240

77	X
44	10

225

655	0.7.6
77	X
44	0.9

180

471	1.8	1.0
77	2.0	
92412	4	1.06

240

77	X
44	10

225

655	0.7.6
77	X
44	0.9

180

135
SURFACE

PRESSURE		
0.979	0.77	10.3.5
0.5.4	0.4	0.5.1
0		0.3

PUNCHED CARD No. 3

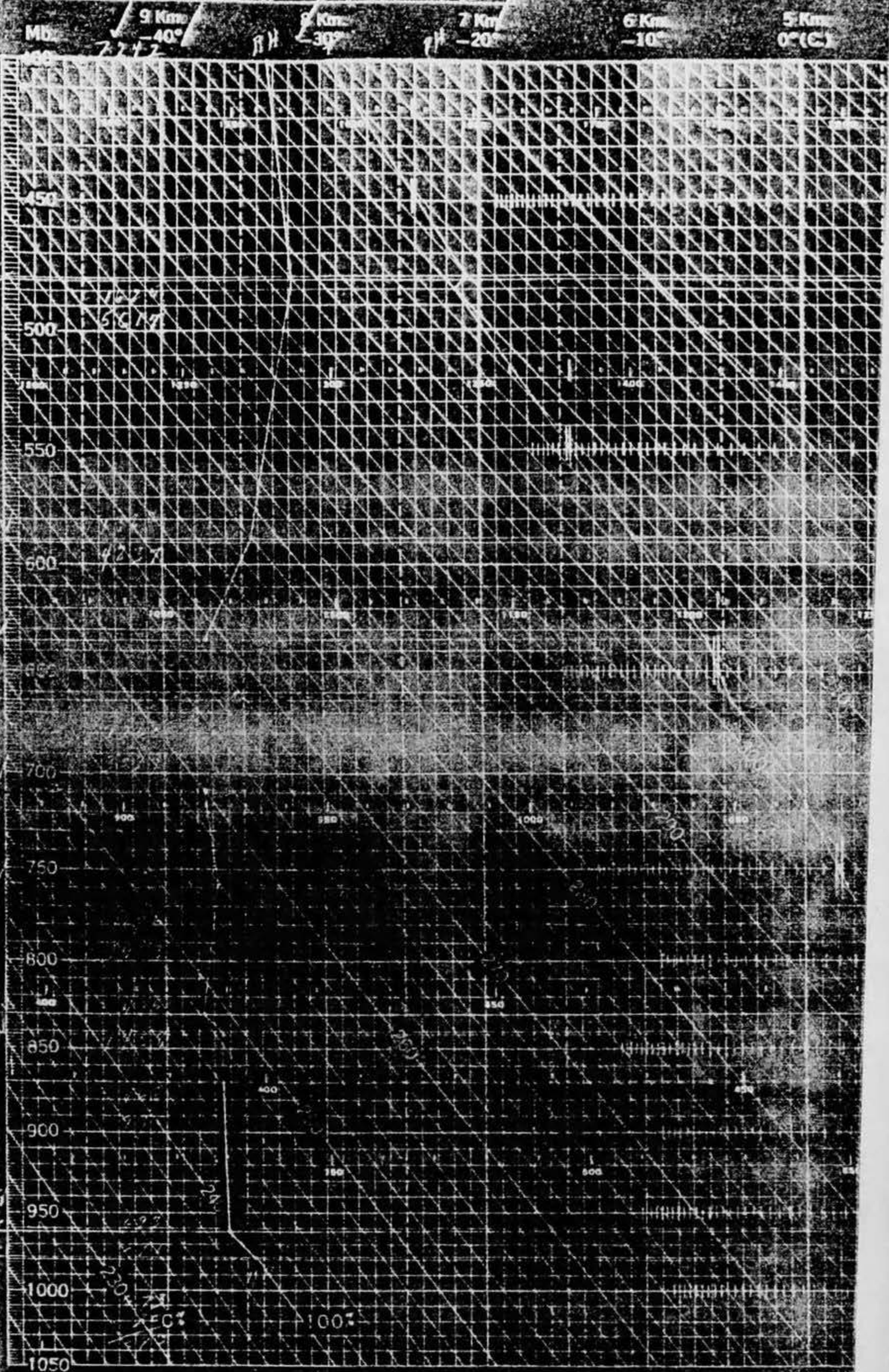
PUNCHED CARD No. 3

PUNCHED CARD No. 7

PUNCHED CARD No. 1

TEMPERATURE		RELATIVE HUMIDITY	
Surface	Depth	Surface	Depth
6.1	12.5	7.0	7.0

ADIABATIC CHART
WEAVER-SEA



Station	
Lat. _____ Long. _____	

DATA AS TRANSMITTED	O. P. TO 0.1°C. OTHER DATA AS ENTERED ON WBAN-33 OR PUNCHED CARD	
Q. P. (mm)	W (mm)	T
TIT (mm)	R (mm)	O. P.
O. P.	O (16 mm)	S (mm)

CHART NO. 425/UM
1 AUG 1951 - SIG C STOCK NO. 74507-425

REPLACES CHART ML-425/UM, 1 SEP 49, WHICH MAY BE USED

ADIABATIC CHART

WBAN-31B

Mb.

-90° -80° -70° -60° -50° -40°

10

15

20

30

40

50

60

80

100

125

150

175

200

250

300

350

400

500

0%

100%

-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

Station	W. H. HARRIS AFB, D.	
Lat.	52°N	81°07'W

DATA AS TRANSMITTED	D. P. TO 0.1°C OTHER DATA AS ENTERED ON WBAN-33 OR PUNCHED CARD	
Q (kpa)	W (gpm)	T
TTA (°C)	"RH	"D.P.
Q (kpa)	Q (16 pts)	W (m.s.)

PS - Pressure (kpa)
T - Temperature (°C)
RH - Relative Humidity
Height scale in gpm

*Omitted above 200 mb.

CHART ML-526/UM
1 AUG 1951 - SIG C STOCK NO. 74507-526

REPLACES CHART ML-526/UM, 1 SEP 49, WHICH MAY BE USED

U. S. GOVERNMENT

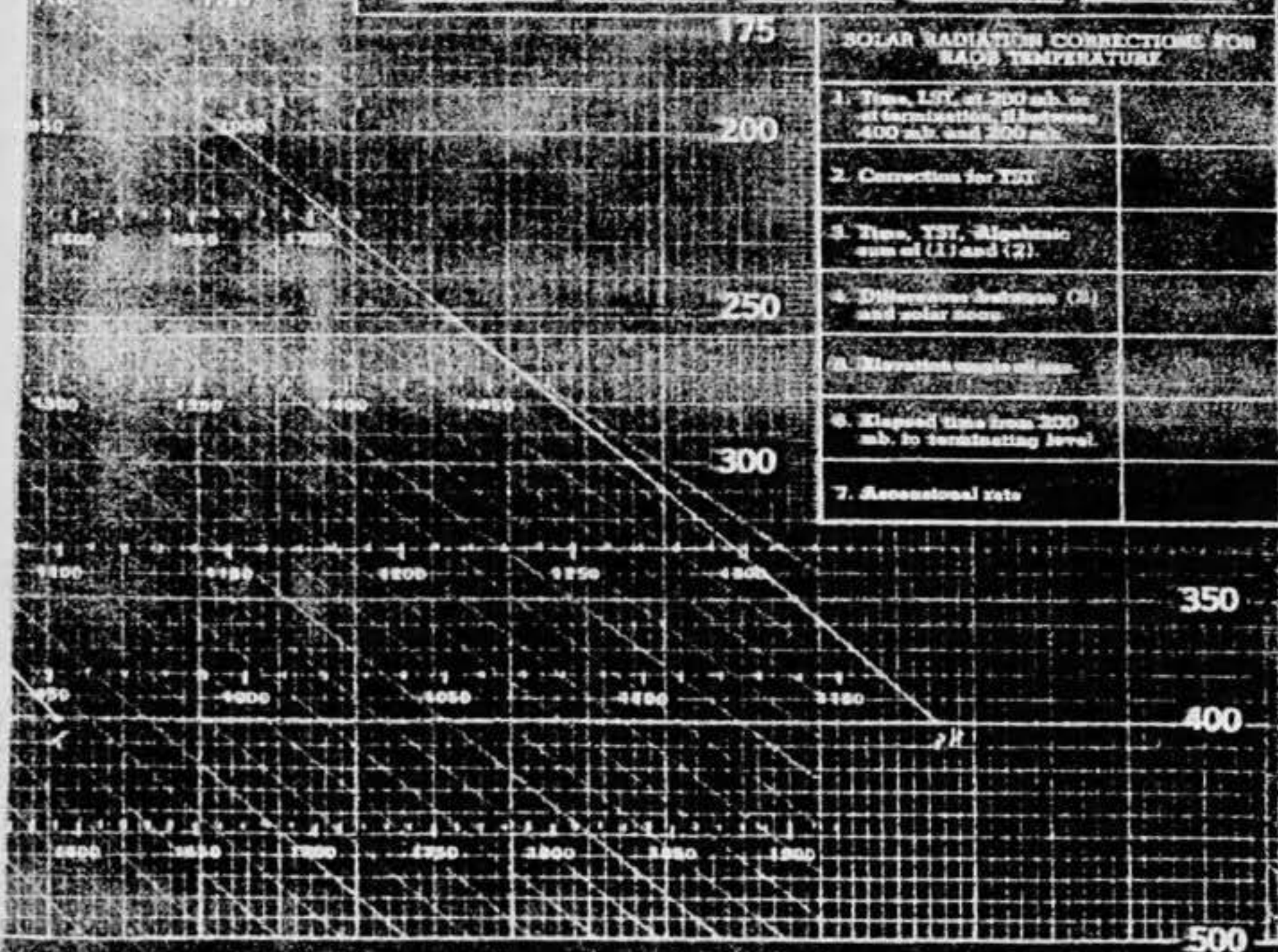
[illegible]

CONSTANT PRESSURE DATA

20	21	22
23	24	25
26	27	28

20	20
21	X
22	1

313



1. Time, LST, at 200 mb. in at termination. If between 400 mb. and 200 mb.	
2. Correction for YST	
3. Time, YST, Altimetric sum of (1) and (2)	
4. Difference between (3) and solar noon	
5. Elevation angle of sun	
6. Elapsed time from 200 mb. to terminating level	
7. Ascensional rate	

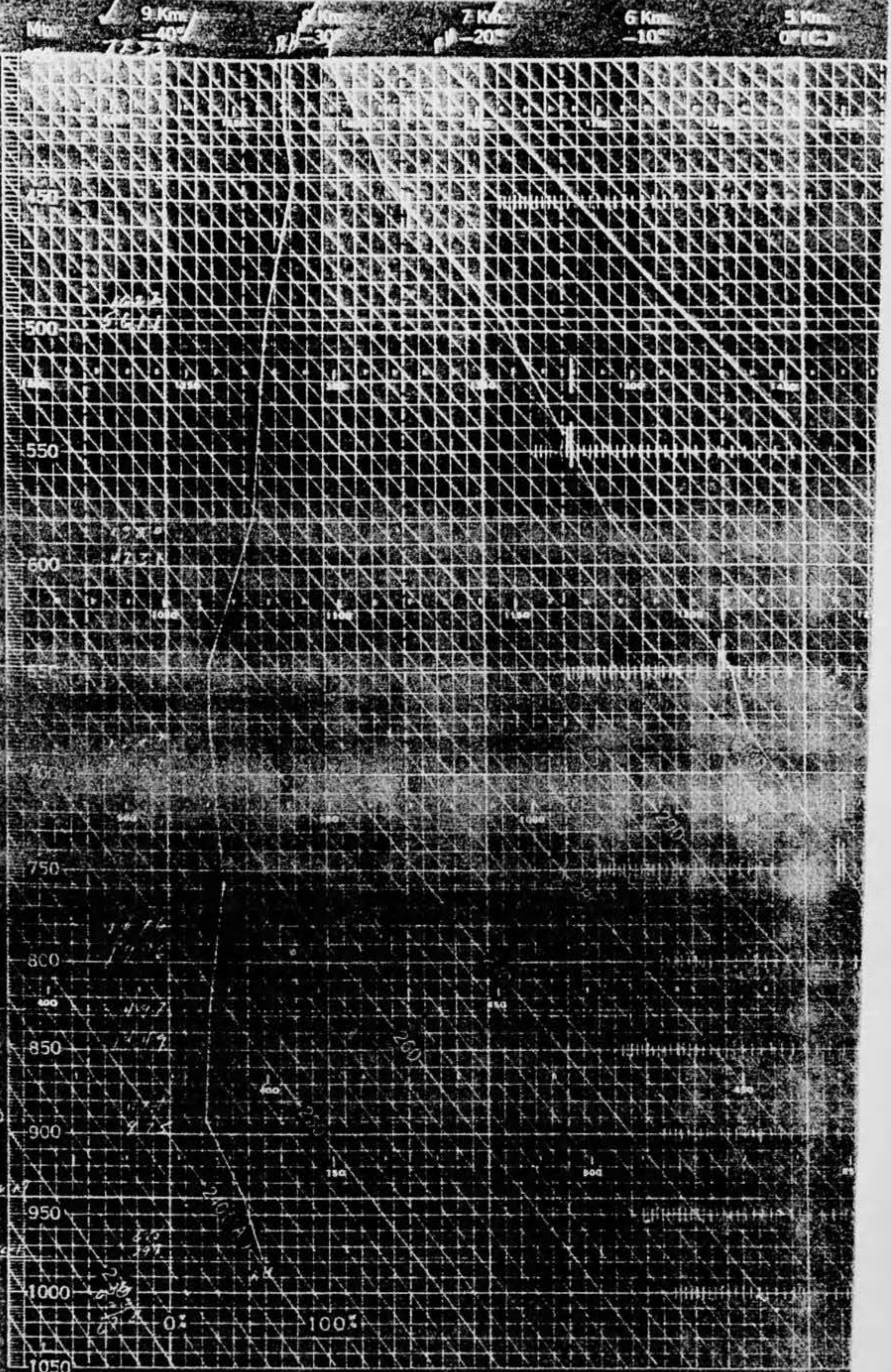
-30°	-20°	-10°	0°	10°(°C.)					
13 Km.	12 Km.	11 Km.	10 Km.	9 Km.	8 Km.	7 Km.	6 Km.	5 Km.	

Year	Month	Day	Time
75	11	14	14:00
1975	11	14	14:00

Reference No. 11/14/75

TEMPERATURE				RELATIVE HUMIDITY			
Wet	Wet	Wet	Wet	Wet	Wet	Wet	Wet
Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp
19.5	19.9	20.3	20.7	21.1	21.5	21.9	22.3

ADABATIC CHART
WMO-3164



40° -30° -20° -10° 0° (C)
9 Km 8 Km 7 Km 6 Km 5 Km

Station	
Lat	Long

DATA AS TRANSMITTED	O.P. TO 0.1°C OTHER DATA AS ENTERED ON WMO-33 OR PUNCHED CARD	
OO hhh	W (gms)	T
TTT ₁ TtT ₂	Rrh	O.P.
Odeff	O (10 pps)	S (m.p.s.)

TELEPHONE 21266



THOSE GUMMING SPECIALISTS

THE BROWN-BRIDGE MILLS, INC., TROY, OHIO

THIS CORRESPONDENCE FROM
ST. LOUIS OFFICE
4378 LINDELL BLVD., ST. LOUIS 8, MO.
PHONE: TAYLOR 1-4942

Franklin

2.

N
↑

→

VANDALIA

INDIANAPOLIS

TERRE HAUTE

Flash somewhere
alone in here!

ST. LOUIS
9

I've tried to show on this map about where the flash appeared.

The time we saw it over Indianapolis we asked the radio station what it was. They were unable to tell us but said they had noticed it several days before.

An airline pilot who was out side of Chicago reported to me that he saw a flash in the same direction.

I hope this description
is clear. If there are any
further questions let me
know.

I'd like to hear more
about this if possible.

Sincerely,



Multi

33

THE BROWN-BRIDGE MILLS, INC.

TROY, OHIO

OFFICE OF


February 9, 1956

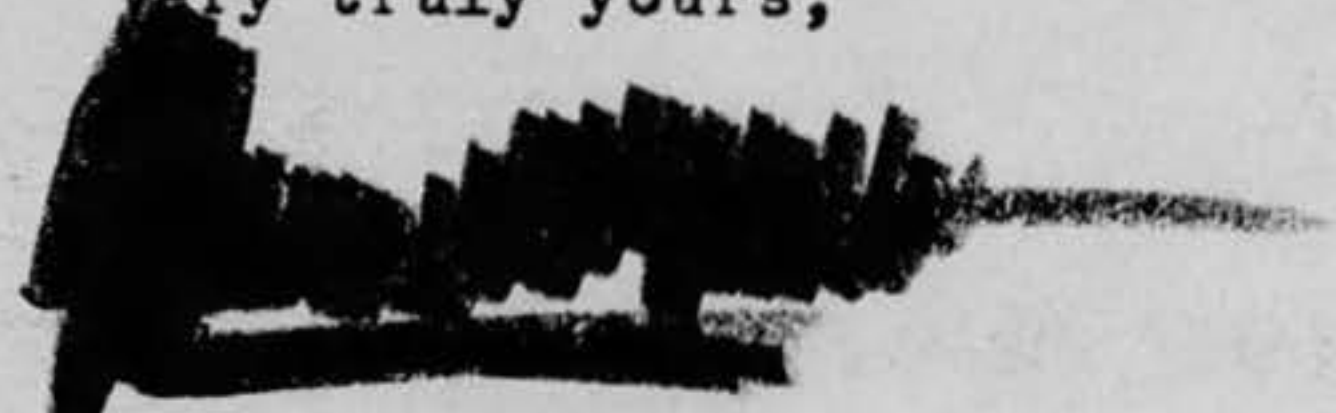
Wallace W. Elwood
1st Lt., USAF, Ass't Adjutant
Air Technical Intelligence Center
Wright-Patterson Air Force Base
Ohio

Dear Lieutenant Elwood:

Enclosed are the forms you sent me filled out as
intelligently as I could do so.

If you come to any conclusion on this I wish you
would let me know.

Very truly yours,



/g
encl

THE BROWN-BRIDGE MILLS, INC.

TROY, OHIO

OFFICE OF

February 13, 1956

Wallace W. Elwood
1st Lt., USAF, Ass't Adjutant
Air Technical Intelligence Center
Wright-Patterson Air Force Base
Ohio

Dear Lieutenant Elwood:

The following is a statement of my passenger about
the light we saw flying from St. Louis to Dayton
on January 5th.

You might attach this to my own report.

Very truly yours,

encl