PROJECT 10073 RECORD CARD

1. DATE	2. LOCATION	12. CONCLUSIONS
21 Jan 61	Akron, Ohio	☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon
3. DATE-TIME GROUP Local 2305 GMT 220405Z	**4. TYPE OF OBSERVATION** ☒ Ground-Visual ☐ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar	☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft
5. PHOTOS ☐ Yes ☒ No	**6. SOURCE** Civilian	☐ Was Astronomical Moon ☒ Probably Astronomical ☐ Possibly Astronomical
7. LENGTH OF OBSERVATION 15-20 Min	**8. NUMBER OF OBJECTS** 1	**9. COURSE**
		☐ Other_____ ☐ Insufficient Data for Evaluation ☐ Unknown

10. BRIEF SUMMARY OF SIGHTING Like a circle or plate with the top cut off and approx 5 times the size of moon. Color reddish-orange. Appeared 12° N of due W. Disappeared same position.

See: Slides 7-3745-458

(SLIDES IN PHYSICAL SPECIMEN FILE)

11. COMMENTS It is concluded by FTD that the object viewed by witnesses was the setting moon distorted by atmospheric refraction. Weather conditions probably contributed to misidentification. Conclusion substantiated by fact that moon was just N of W; and all sightings occurred at approx time of moonset.

ATIC FORM 329 (REV 26 SEP 52)

9. It is requested that you pass this information to SAFLL for forwarding to Mr. [redacted] House Armed Services Sub-Committee.

FOR THE COMMANDER:

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

COORDINATION: AFCIN-4E Maj Robert J. Friend DATE 12 April 61

TASK ACTIVITY REPORT (Page)

PPT Nr. _____ Card Nr. _____

Item 9 (Cont)

Electric Company, Akron. Inquired if any power line trouble had occurred in the area of Nesmith Lake on 21-22 Jan 61. None was recorded; and if any trouble had occurred, Mr. [redacted]s office would have had a record of it. The above contact was made as [redacted] reported that there was an odor associated with the sighting as though electric wires were burning. Also from the reported behavior and location of the [redacted] UFO it could/ should have come through near an electric high tension line located West of [redacted] home.

ACCOMPLISHMENTS:

Conducted personal interview with Mr [redacted] and recorded the interview on tape.

Conducted a complete photo-recon of the area in which the [redacted] incident of 21 January occurred.

Established a friendly working relationship with Mr [redacted] Director of the UFO Research Committee, Akron.

Established working support of Akron Civilian Defense Office, Mrs. [redacted].

Became area orientated in case future incidents dictate repeated trips.

PERSONAL OBSERVATIONS:

All people contacted were very eager to cooperate and gave freely of their time.

Believe that the people involved with the [redacted] incident and contacted gave no false information - all were very sincere and from many personal debriefing experiences,

- -

PPT Nr. _____ Card Nr. _____

Item 9 (Cont)

I believe that they were stating, as best they could and honestly, an experience of personal involvement which they actually witnessed but did not, perhaps, could not, understand.

[redacted], whatever his motivations, is very eager and capable of honestly and unbiasly assisting in UFO investigations.

Local area Civilian Defense Offices can and should be utilized while conducting UFO investigations.

RECOMMENDATIONS:

Utilize local area Civilian Defense Organizations during UFO investigations.

Utilize various Civilian UFO Organizations in any/all of the following ways: (However make it understood that the organizations do not represent the USAF during organizational activities !!)

Conduct on the spot taped interviews plus photo reconnaissance.

Perform finished studies of each factually backed up incident.

Perform a study of previous unexplained UFO reports.

Remuneration to the various UFO organizations could be accomplished by replacing material such as blank tapes to replace equipment which is taken from the organization as evidence.

TASK ACTIVITY REPORT (Page)

PPT Nr. _____ Card Nr. _____

Item 9 (Cont)

members of the family went outside during the observation of the incident. It was also brought out during the interview that a similar incident occurred on 23 November 60 while Mr. [redacted] was away from Akron on a business trip; both incidents occurred approximately at the same time of the evening (11:05 p.m.) and behaved in a like manner; however, the November sighting was not reported to the officials and no public record was made of it. During the interview, Mr [redacted] showed us the location of the incident both from their points of observation and the location of the objects appearance/behavior. (On-the-spot photographs were made of all points.)

At the termination of the [redacted] Interview, contact was made with Mr. [redacted] of the UFO Research Committee, Akron, and an interview was established.

Mr [redacted] brought along to the interview his assistant, Mr. [redacted] At first the two gentlemen were very unfriendly, due mainly to previous rude treatment (treated him as a seeker of publicity, out for his own gains, a crack pot, a liar, and in general, the old idiot treatment) by both city officials and a representative of the Dept of Defense.

During some 7 hours of interview Mr. [redacted] and [redacted]s showed us every consideration, took us to interview a Mrs. [redacted] whose home is located in the general area of Lake Nesmith, at [redacted] and had also reported to [redacted] the sighting of a UFO during the night of 22 Feb 61. Later during the evening Mr. [redacted] took us to his residence to review a great deal of UFO work he and his committee has compiled throughout the previous years.

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PPT Nr. _____ Card Nr. _____

Item 9 (Cont)

While a[redacted] home we listened and recorded taped interviews of 4 other individual sightings of th[redacted] incident of 21 Jan 61. The other sightings were made by Mr [redacted] at 10:30 p.m., Mrs. [redacted] and 11 year old daughter, [redacted] at 10:40 p.m., Mr. and Mrs. [redacted] at 10:40 p.m., and Mr. and Mr [redacted] at 10:40 p.m., all on the night of 21 Jan 61 and none of the people are related or were known to one another.

The other people did not report their sightings of a UFO officially except to Mr. [redacted] who has his interviews with them recorded on tape.

During our interview with [redacted]e brought out the very irritating fact of the great amount of trouble he and other consciencious citizens have had dealing with various governmental officials, especially with Lt Colonel Lawrence Tacker, Chief SAFOI-3d, Washington D. C. [redacted] pointed out Tacker's new book has some very stupid and elementary errors in it; and indicated that this official has treated him with childish disrespect. [redacted] possesses taped telephone conversations with Tacker which pretty well bare out [redacted] position.)

We also had an interview with Mrs [redacted] or of the City of Akron's Civilian Defense Office, [redacted] She was very cooperative and has offered to us (USAF representatives) the use of any/all of the city's services at any time - even the use of her offices as our headquarters in the area should the need arise.

Contacted Mr. [redacted] Line Service Dept., Edison

Akron Beacon Journal

Seen Over Nesmith Lake

26 JAN 61

Slap Police Attitude On 'Flying Object'

A "nerve-shattering experience" an Akron family had with an unidentified flying object (UFO) was described today to Akron Councilmen by the UFO Akron Area Research Committee.

In a letter to Council, two committee officials told of the object sighted by the James Pulliam family, 652 W. Waterloo rd. last Saturday over a Nesmith Lake cove.

• • •

"AN UNDENTIFIED flying object, 30 or more feet in diameter, hovered, tilted and illuminated a small cove in the lake," wrote Chairman George Popowich and Sightings Chairman Laurence Moyers.

"The object generally paced the area at 40 feet altitude and frequently within 300 feet of the (Pulliam) home," the letter continued.

• • •

THE COMMITTEE sent the letter to formally protest the attitude of the Police Department when the Pulliams called to report what they had seen.

"The Pulliams were greeted with light talk and a laughing response," Popowich and Moyers charged. "This family was exposed to a soul-searching phenomon which should have been handled (by police) with interest and investigation."

The UFO leaders asked Councilmen to "guide policemen to a more alert receptivity" to such reports.

The letter will be read at Tuesday's City Council meeting.

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31 JAN 61

Saucer Laws Needed

The UFO Akron Area Research Committee has written to City Council to complain about the treatment an Akron family received from the police department when it telephoned to report the sighting of an unidentified flying object hovering over Nesmith Lake.

The flying saucer group says somebody at the police station received the news "with light talk and a laughing response." The letter asks Council to "guide policemen to a more alert receptivity" to reports of this kind.

Our first reaction was to wonder why the saucer spotters didn't complain to the Mayor, who is ex officio safety director and boss of the police department, instead of taking the matter to Council. But then it dawned on us that admonishing the police to take UFO reports seriously is only part of what is involved here.

In the absence of any laws governing the conduct of visitors from outer space, what could the police have done about it if they HAD taken the Nesmith Lake report seriously and gone out and lassoed the saucer?

The police need guidance, all right, but not just in being polite to the public— the earth public, that is. They need ordinances which at least would give them authority to take saucer crews into custody for questioning. Otherwise we're liable to have an interplanetary incident around here.

way now under construction. The cost.

Won't A , On Protest

31 JAN 61

'Flying Object' Quiz Rejected By Council

City Council decided today not to launch its own investigation into the mysterious area of Unidentified Flying Objects, better known as UFOs.

Council, 9 to 3, voted to file a letter from two members of the UFO Akron Area Research Committee protesting the attitude of the Police Department last week when a "UFO sighting" was reported over a Nesmith Lake cove.

• • •

COUNCIL'S vote followed a file motion by Joseph Wheeler (D-4), who said he felt the matter had been "adequately discussed."

The vote came after Joseph Denholm (D-1), said that, "Since the letter referred to a flying object, perhaps it should be referred to the Airport and Aviation Committee."

Voting against filing were Edward Davis (D-3), J. P. Riddle (R-at-large) and Denholm.

• • •

DAVIS declared that "UFOs are no laughing matter. Ninety-eight per cent of the reports prove false, but it's the other 2 per cent that bother officials...

The UFO reportedly was cited by the James Pulliam family, 652 W. Waterloo rd. The UFO Committee had asked Council to "guide policemen to a more alert receptivity to such reports."

TASK ACTIVITY REPORT (Page)

PPT Nr. _____ Card Nr. _____

Item 9 (Cont)

We believe that by utilizing the Civilian UFO organizations two things can be readily realized:

1. Gain any/all available information that may contribute to the solutions of UFO reports via the most economical means available to responsible USAF/ATIC departments.

2. Realize a very amicable and responsible relationship between offices of the DOD and the American Public which during the past years has become increasingly more antagonistic in many areas to include congressional intervention.

ROBERT T. SMITH
Captain, USAF
AFCIN-4E

EARL J. WOLF JR.
Captain, USAF
AFCIN-4E

PPT Nr. _____ Card Nr. _____

Item 9 (Cont)

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

REPLY TO
ATTN OF: CCDPD/HHOE

SUBJECT: Data for Akron, Ohio 27 Mar 1961

TO: Aerospace Technical Intelligence Center
ATTN: AFCIN 4E 2X
Wright-Patterson AFB, Ohio

1. Reference: Your telephone requests on 17 March 1961 and 24 March 1961, and our letter 20 March 1961, subject: Data for Akron, Ohio and Vicinity.

2. We are inclosing photographic copies of hourly surface observations for Akron-Canton Airport, Ohio for the period 16 through 26 January 1961 which is the balance of data requested by your first telephone conversation. Included also is the period for Akron requested in your second call.

3. Copies of additional data requested in your second call are being prepared as listed below:

a. Surface hourly observations for 21 through 25 Nov 1960 from Cleveland, Pittsburgh, and Toledo.

b. Winds aloft observations for 21 through 25 Nov 1960 from Toledo, Ohio.

c. Radiosonde adiabatic charts for 21 through 25 Nov 60 from Pittsburgh.

4. Copies of these data will be forwarded by 31 Mar 1961.

FOR THE DIRECTOR

Pallas L. Tye Jr

PALLAS L. TYE, JR.
Captain, USAF
Administrative Officer

Atch
Data f/Akron, Ohio

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

REPLY TO
ATTN OF: CCDPD/HHOO

SUBJECT: Copy of Surface and Upper Air Data 29 Mar 1961

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

1. Reference: Your telephone request 24 March 1961 and our letter 27 March 1961, subject: Data for Akron, Ohio.

2. We are forwarding photographic copies of the following data:

a. Surface hourly observations for 21 through 25 Nov 1960 from Cleveland, Pittsburgh, and Toledo U. S. Weather Bureau stations.

b. Winds aloft observations for 22 through 25 Nov 1960 from Toledo, Ohio. No observations were taken on the 21 Nov 1960.

c. Radiosonde adiabatic charts for 21 through 25 Nov 1960 from Pittsburgh, Pennsylvania.

3. Surface data for Akron, Ohio were forwarded in the shipment on 24 Mar 1961.

FOR THE DIRECTOR

Pallas L Tye Jr

PALLAS L. TYE, JR.
Capt., USAF
Administrative Officer

1 Atch
Sfc & U/A data

WHOI

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

VIA AIRMAIL

REPLY TO
ATTN OF: CCDPD/HHOO

SUBJECT: WBAN-31 Adiabatic Charts for Pittsburgh 4 Apr 1961

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

1. Reference: Your telephone call 31 Mar 1961.

2. We are inclosing photocopies of adiabatic charts from Pittsburgh for 21 through 25 Nov 1960. We regret the oversight in our shipment 27 Mar 1961.

FOR THE DIRECTOR

JAMES R. DECOSTER
Chief, Data Processing Div.

1 Atch
WBAN-31 f/Pittsburgh

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?

21st (Day) 1 (Month) 61 (Year)

2. Time of day: 11 (Hour) 05 (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?

[redacted] (Nearest Postal Address) AKRON 14 (City or Town) Ohio Summit Co. (State or Country)

Additional remarks: _____

5. How long was object in sight? _____ (Hours) 20 (Minutes) _____ (Seconds)

5.1 How was time in sight determined?

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

6. What was the condition of the sky?

DAY
a. Bright
b. Cloudy

(NIGHT)
a. Bright
b. Cloudy Partly cloudy

7. IF you saw the object during DAYLIGHT, 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

ATIC FORM FEB 60 164 This form supersedes ATIC 164, 13 Oct 54.

8. IF you saw the object at NIGHT, 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. The object appeared:

(Circle One): a. As a light b. Shiny c. Dark d. Don't remember

10. If it appeared as a light, was it brighter than the brightest stars? Yes But Different color (Reddish Orange)

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?	Yes	No	Don't Know
f. Change shape?	Yes	No	Don't Know
g. Flash or flicker?	Yes	No	Don't Know
h. Disappear and reappear ?	Yes	No	Don't Know

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

(Circle One): Yes No Don't Know. IF you answered YES, then tell what in front of: _____

14. Did the object appear: *(Circle One)*: a. Solid b. Transparent c. Vapor d. 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 Out Side Eye View.		

Akron Ohio

21 January 1961

On 21 Jan 61, several witnesses in the Akron, Ohio area reported seeing an unidentified ~~xxxxx~~ flying object. The information from the witnesses was generally consistent; the object being sighted between 2230 and 2300; appearing as a red-orange object just north of west and on the horizon. The object was further described by the witnesses as appearing as a circle or plate with the top cut off and appeared to be larger than the moon. The sighting was reported to have lasted 10 to 15 minutes.

On 21 Jan 61 official moonset at Akron was 2304. This time, of course, will deviate due to topographical conditions, manmade structures and the vantage point of the observer. However these deviations will be small. The moon was approaching the first quarter and only 23% of the surface visible from the earth was illuminated.

When the moon is just rising or setting, it often assumes an elliptical shape with the longer diameter parallel to the horizon. This is caused by atmospheric refraction raising the lower edge more than the upper and therefor apparently shortening the diameter perpendicular to the horizon. If there are several layers of discontinuity in the atmosphere, the distortion will be even more pronounced. In the Akron sighting the fact that the moon already was irregularly shaped, due to the approach of the first quarter, added to the effect created by the refraction. This is probably the reason the witnesses did not recognize the object for what it was and reported the top as flat or "cut off".

On 21 Jan 61 at 2258 the weather at Akron-Canton Airport was a 2,000 foot overcast composed of stratiform clouds, the visibility was 7 miles, and the temperature was 7 degrees Farenheit.

It is the Air Force conclusion that the ~~xxxxxxxx~~ object viewed by the witnesses in Akron, Ohio on 21 Jan 61 was the setting moon distorted by atmospheric refraction. This conclusion is substantiated by the facts that the moon was located just north of west at the time of the sighting on 21 Jan 61, the direction reported for the UFO by the witnesses. The sightings occured at the approximate time of moonset with none occuring after 2305 which is only ONE minute after the official moonset time for Akron, Ohio on 21 January 1961.

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

a. Sound Noise

b. Color Reddish Orange (Bright White with known objects)

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.

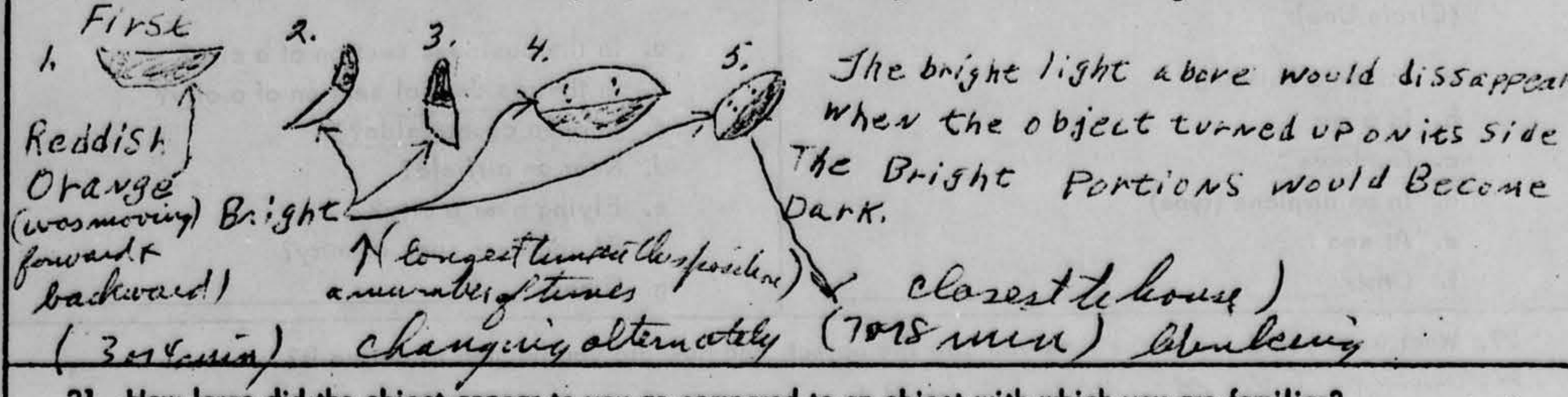
18. The edges of the object were:

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

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

Only one.

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.



21. How large did the object appear to you as compared to an object with which you are familiar?

30 or 40 FT.

22. We wish to know the angular size. Hold a match stick at arm's length in line with a known object and note how much of the object is covered by the head of the match. If you had performed this experiment at the time of the sighting, how much of the object would have been covered by the match head?

23. Did the object disappear while you were watching it? If so, how? Yes

IT Came Forward Then just Reversed. + Vanished out of Sight

24. In order that you can give as clear a picture as possible of what you saw, 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.

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 (type)
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. 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?
Watching T.V. My wife Told me.

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)*

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

28.2 How fast were you moving?_____ 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
b. Northeast
c. East
d. Southeast
e. South
f. Southwest
g. West
(h. Northwest)
i. Overhead

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

a. North
b. Northeast
c. East
d. Southeast
e. South
f. Southwest
g. West
(h. Northwest)
i. Overhead

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

31.1 When it first appeared:

a. From true North_____ degrees. 12 degrees North of due West.
b. From horizon_____ degrees.

31.2 When it disappeared:

a. From true North_____ degrees. Same.
b. From horizon_____ degrees.

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

CLOUDS *(Circle One)*

a. Clear sky
b. Hazy
c. Scattered clouds
d. Thick or heavy clouds

WEATHER *(Circle One)*

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

35. When and to whom did you report that you had seen the object? (Wilbur Nice) George POPWICH.

21 Day / 1 Month / 61 Year

11:05 to 11:25

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 addre[redacted]

[redacted] AKRON 14 OHio

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

(Circle One) Yes (No)

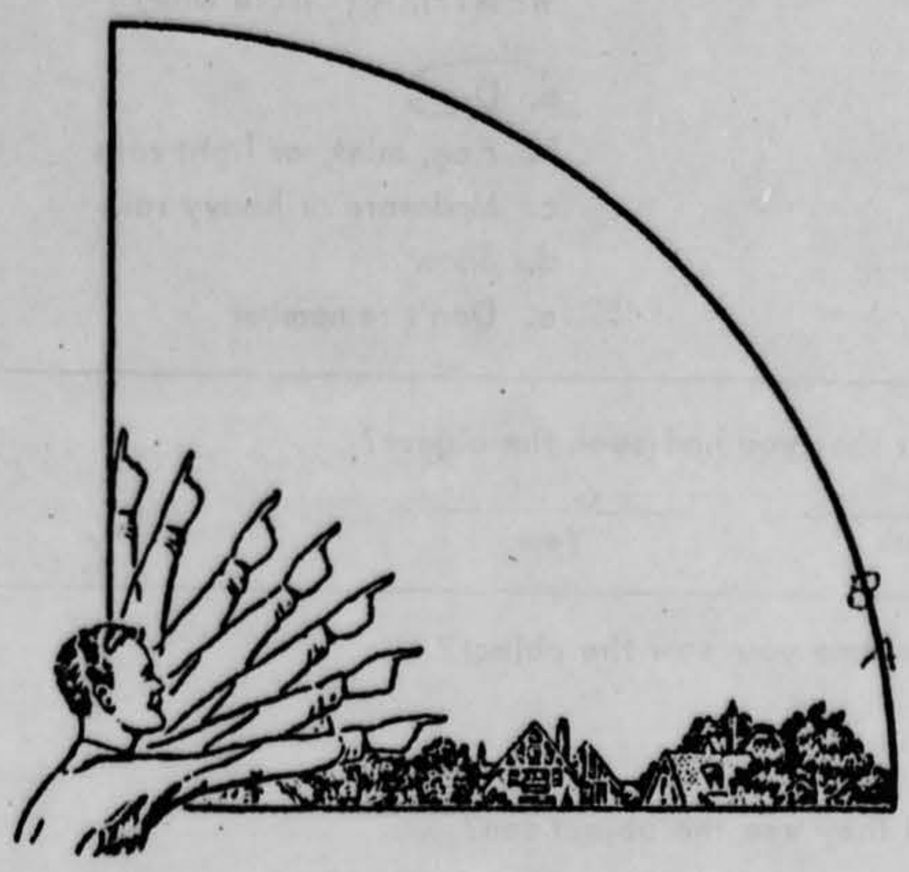
37.1 IF you answered NO, then when, where, and under what circumstances did you see other ones?

THANKSGIVING Night AT 1105 P.M. Night Same as above.

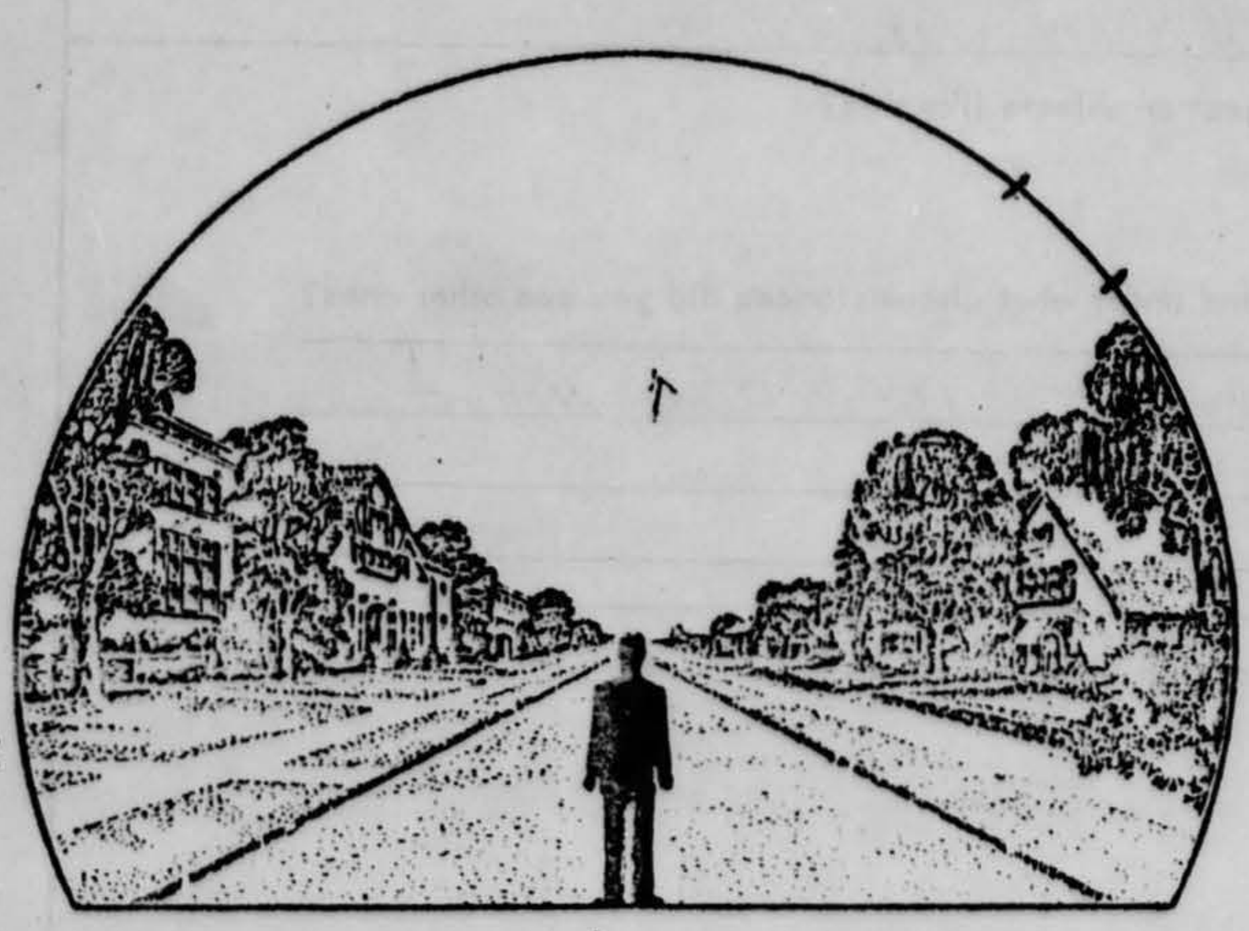
38. In your opinion what do you think the object was and what might have caused it?

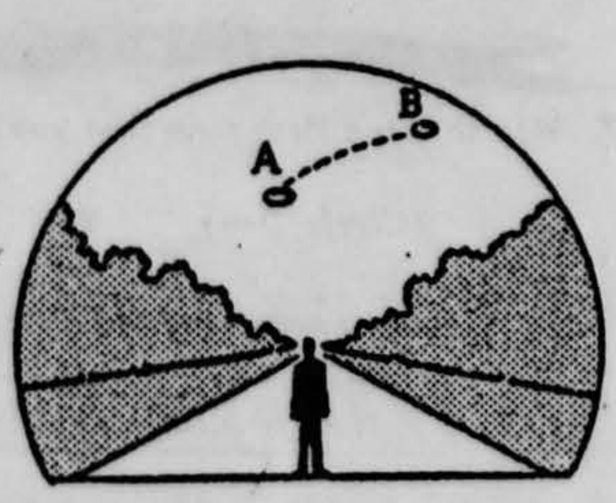
Have no Idea.

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.





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)

SIGNATURE _____

DATE _____

(Do Not Write in This Space)

CODE:

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

(Circle One) Yes (No)

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

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

(Circle One) (Yes) No

IF you answered YES, then how far away would you say it was? 200. to 300. FT.

41. Please give the following information about yourself:

NAME [redacted] (Last Name) [redacted] (First Name) — (Middle Name)

ADDRESS [redacted] (Street) AKRON (City) 14 (Zone) OHIO. (State)

TELEPHONE NUMBER [redacted]

Age 46 Sex Male

Indicate any additional information about yourself, including any education, which might be pertinent.

42. Date you completed this questionnaire: 23 (Day) 3 (Month) 61 (Year)

Witnessed [redacted]

SLIDES

JAN. 21, 1961

AKRON, Ohio

Observer: Pulliam

FILE # 1003573

~~In custody of Weather Bureau~~

Retained in file

1975

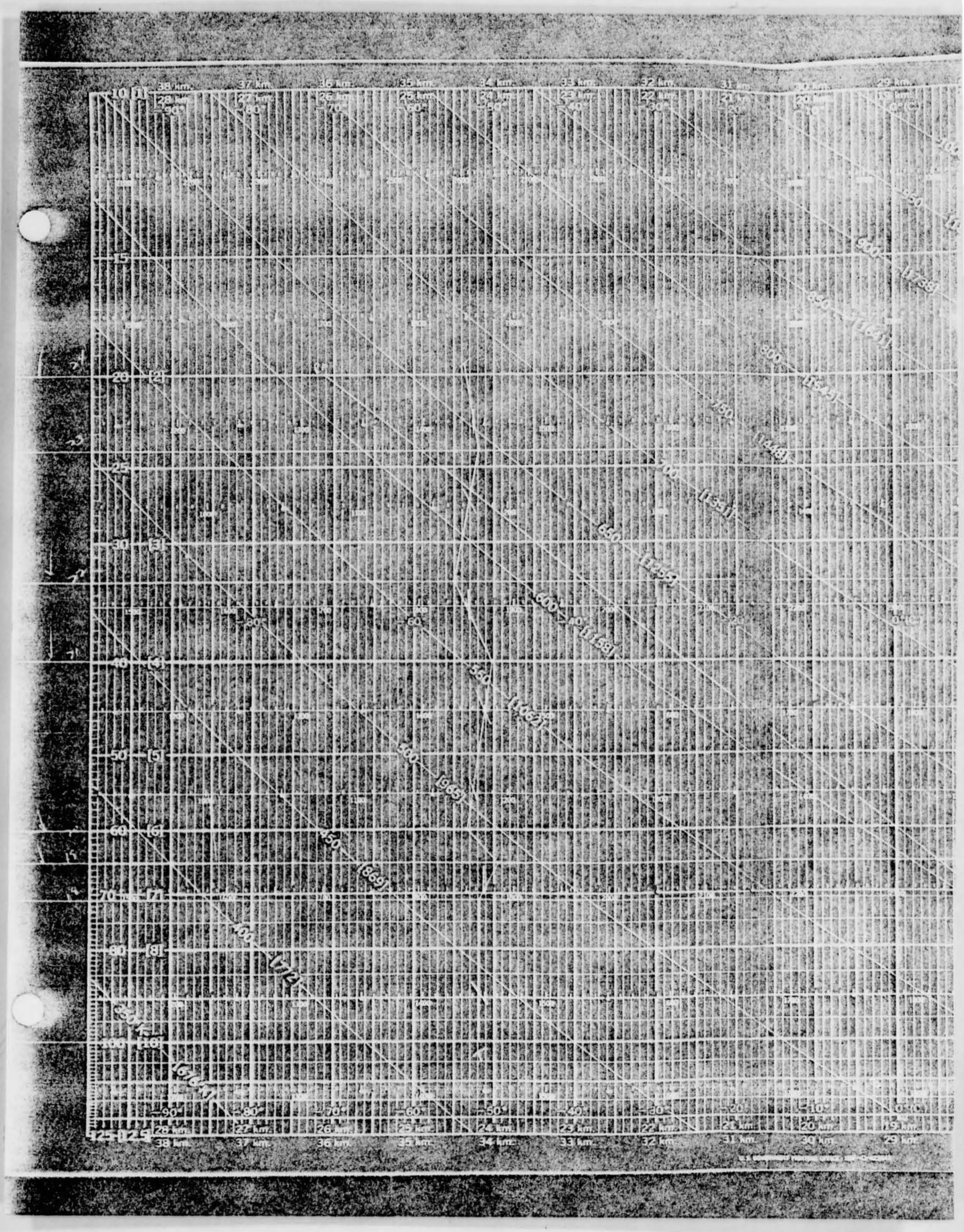
AKRON, OHIO

21 Jan 61

CASE INCLUDES

18 ADIABATIC CHARTS

35 COLOR SLIDES (IN separate folder)



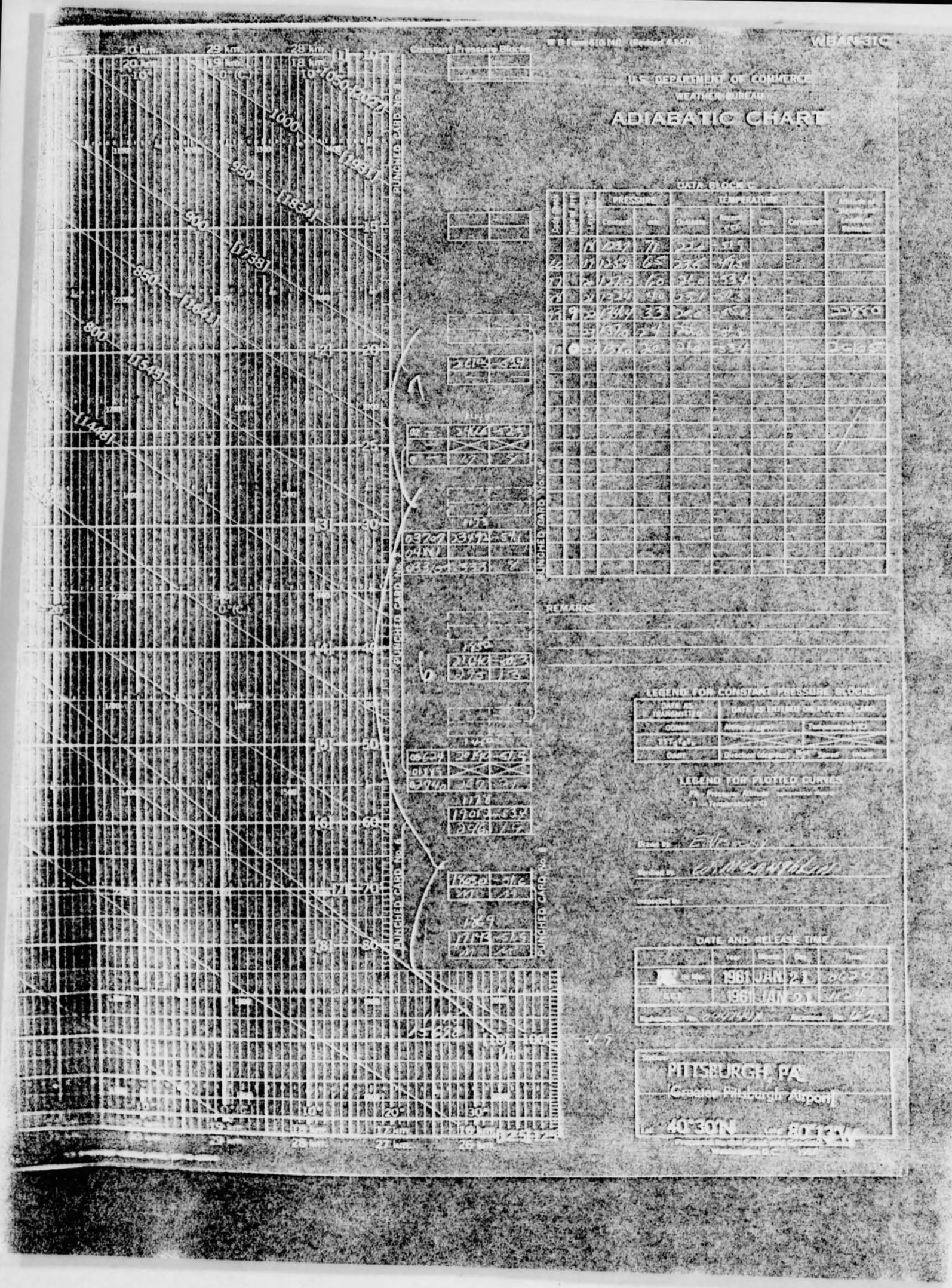
DEPARTMENT OF THE AIR FORCE
OFFICE OF THE SECRETARY

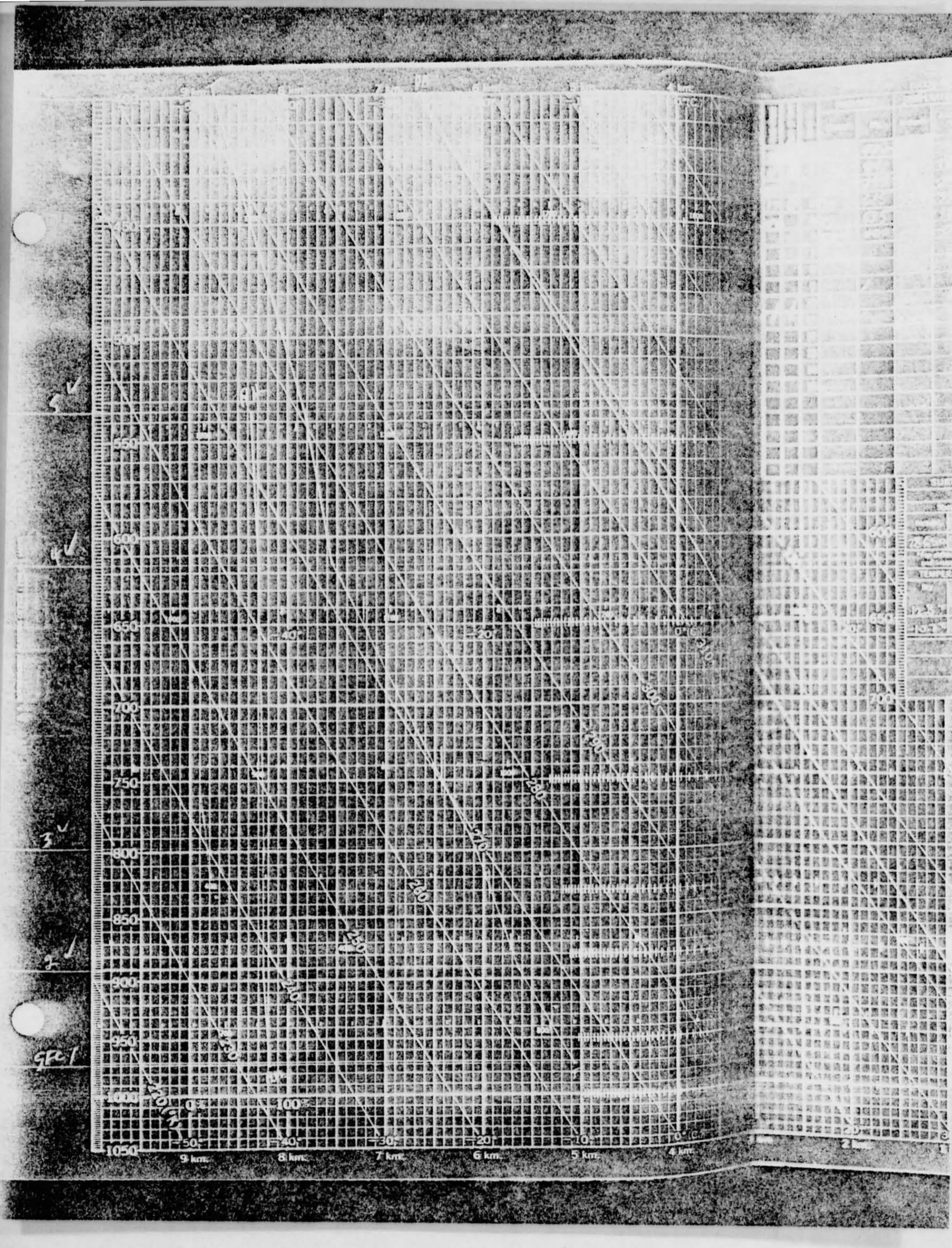
MEMORANDUM

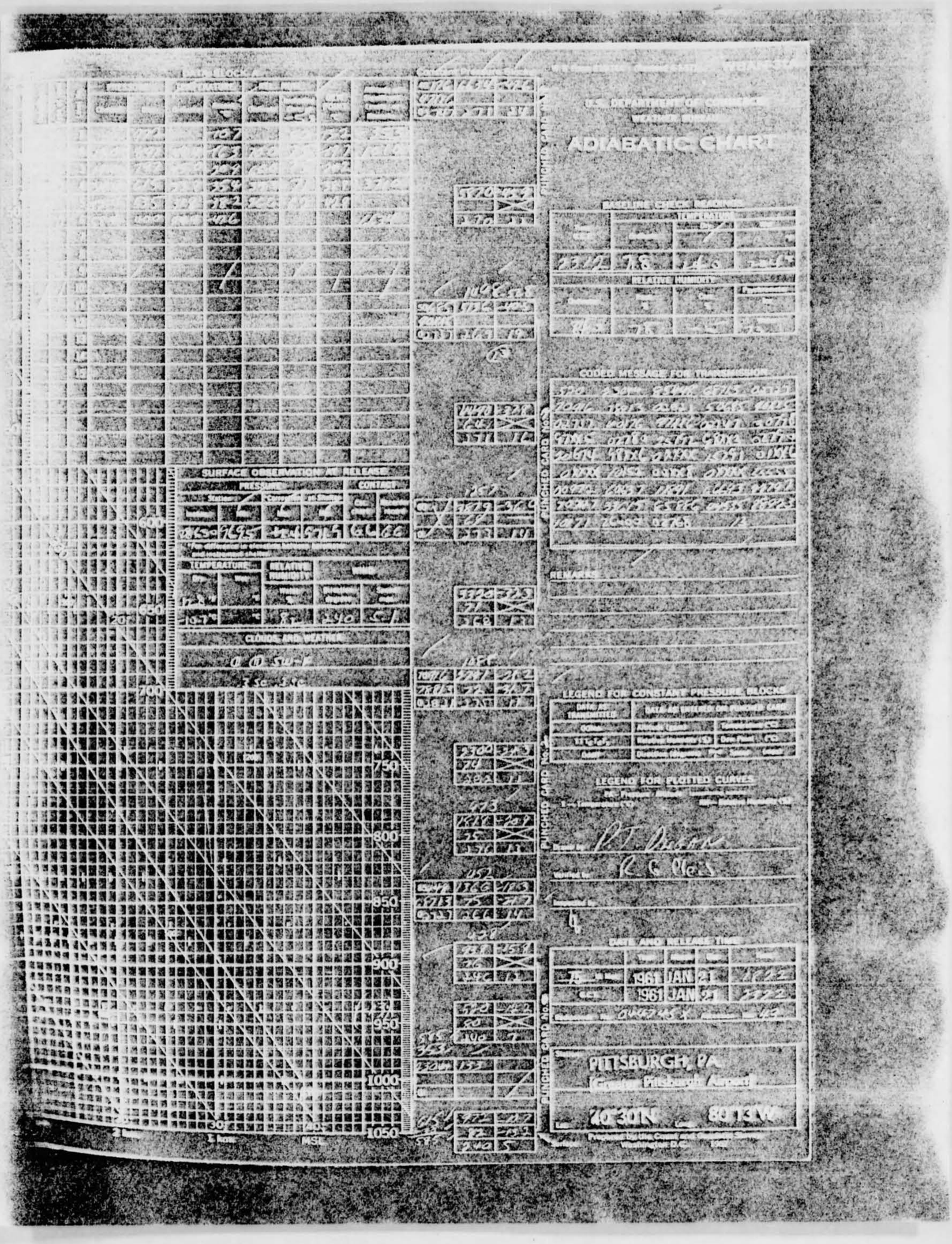
MEMORANDUM:

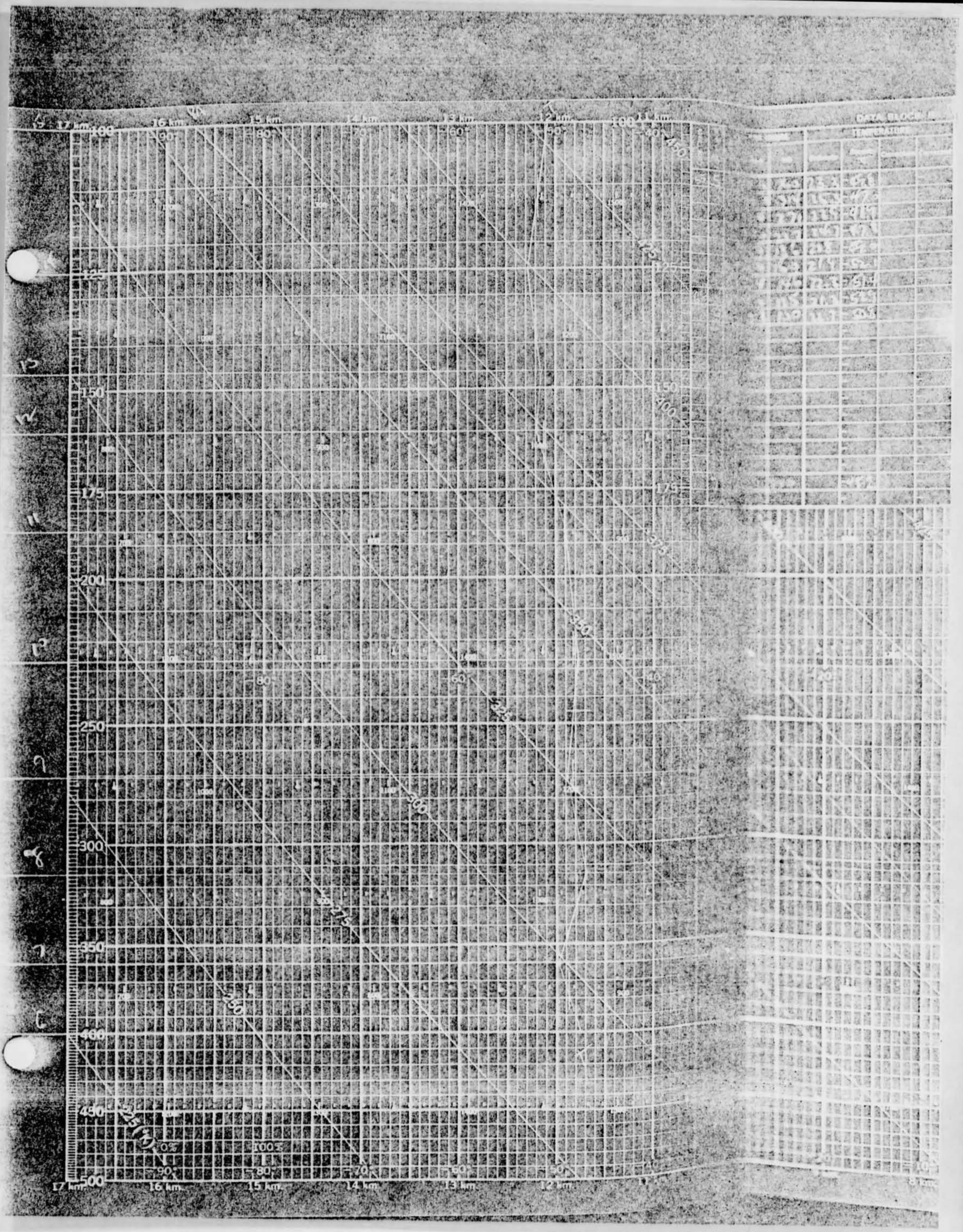
Forwarded a copy of this ATIC evaluation to SAFLL (L/C Poe) 21 April 1961.

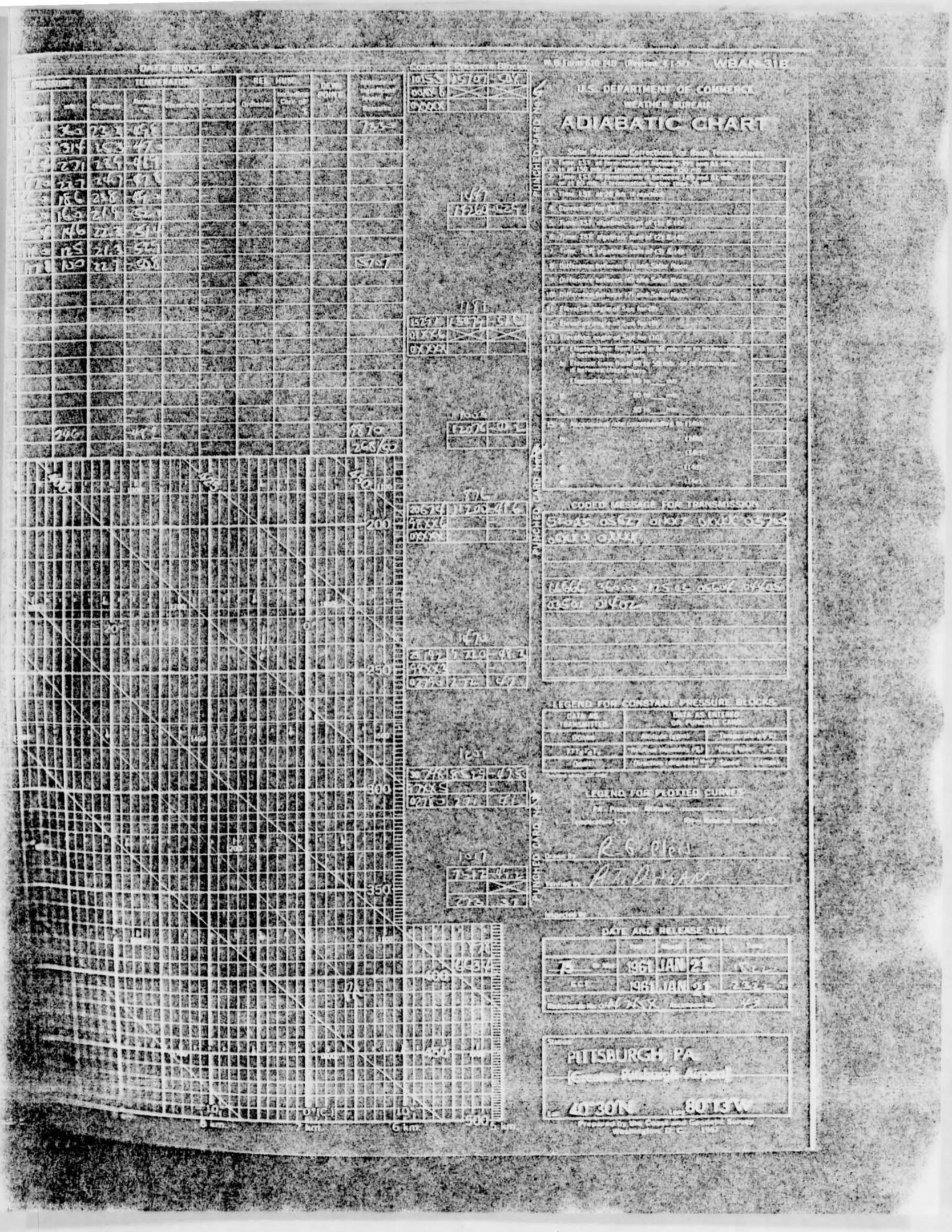
WTC

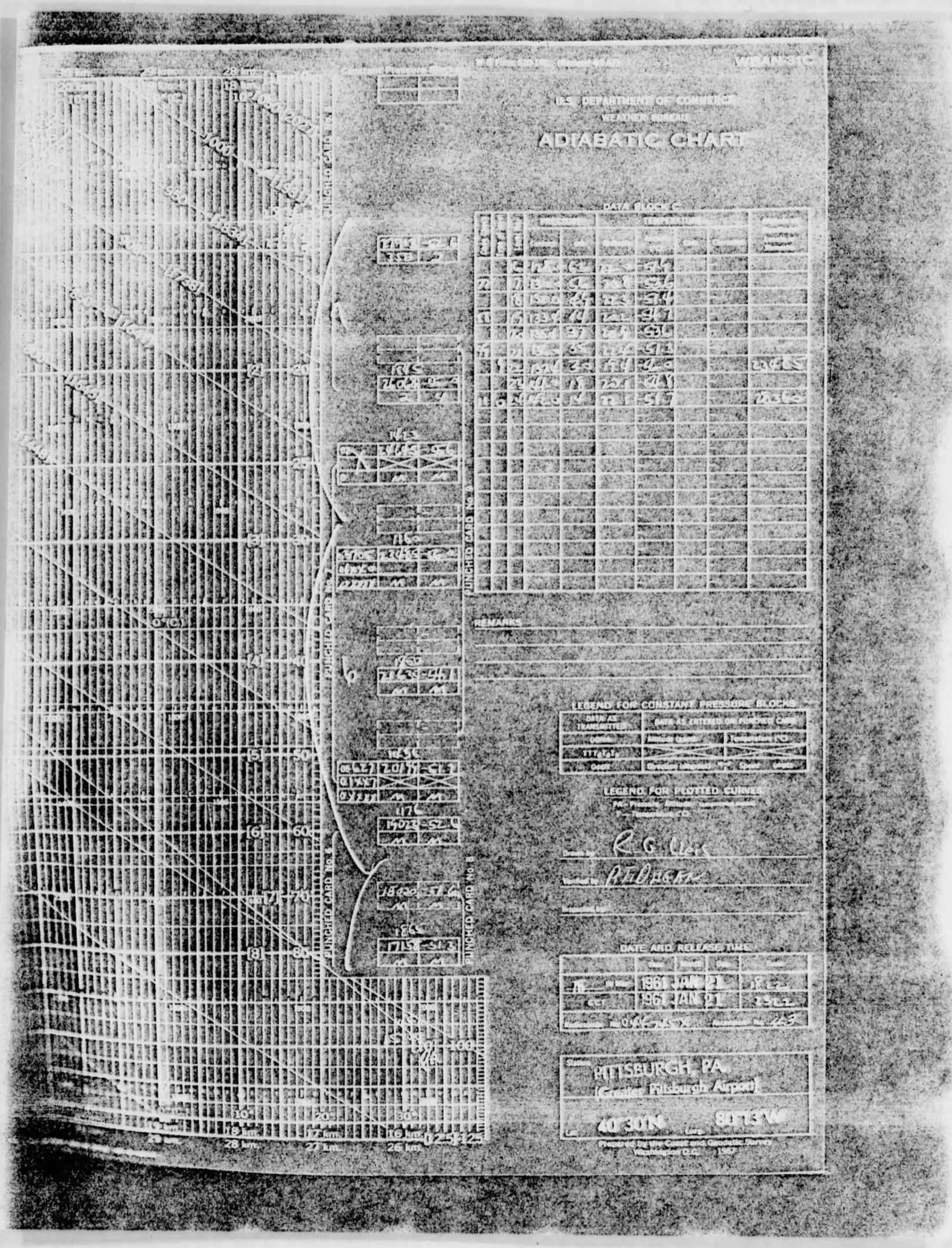

U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU
ADIABATIC CHART
DATA BLOCKS
REMARKS
LEGEND FOR CONSTANT PRESSURE BLOCKS
LEGEND FOR PLOTTED CURVES
DATE AND RELEASE TIME
PITTSBURGH, PA.
(Greater Pittsburgh Airport)
40°30'N
80°14'W
PUNCHED CARD No. 1
PUNCHED CARD No. 2
PUNCHED CARD No. 3


9 km.
8 km.
7 km.
6 km.
5 km.
4 km.


ADIABATIC CHART
SURFACE OBSERVATION AND RELEASE
PRESSURE
CONTOUR
TEMPERATURE
RELATIVE HUMIDITY
CLOUDS AND WEATHER
COVER MESSAGE FOR TRANSMISSION
REMARKS
LEGEND FOR CONSTANT PRESSURE BLOCKS
LEGEND FOR PLOTTED CURVES
DATE AND RELEASE TIME
1961 JAN 21
1961 JAN 21
PITTSBURGH, PA.
(Greater Pittsburgh Airport)
40°30'N 80°15'W
700
750
800
850
900
950
1000
1050
MSL




WBAN 31B
U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU
ADIABATIC CHART
CODED MESSAGE FOR TRANSMISSION
LEGEND FOR CONSTANT PRESSURE BLOCKS
LEGEND FOR PLOTTED CURVES
DATE AND RELEASE TIME
1961 JAN 21
1961 JAN
PITTSBURGH PA.
40°30'N
80°13'W
200
250
300
350
400
500


U.S. DEPARTMENT OF COMMERCE
ADIABATIC CHART
DATA AS TRANSMITTED
REMARKS
LEGEND FOR CONSTANT PRESSURE BLOCKS
DATA AS TRANSMITTED
LEGEND FOR PLOTTED CURVES
DATE AND RELEASE TIME
PITTSBURGH, PA
(Greater Pittsburgh Airport)
40°30'N
80°13'W

U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU

ADIABATIC CHART

DATA BASED ON

BASELINE CHECK READINGS

	TEMPERATURE			

	RELATIVE HUMIDITY			

CODED MESSAGE FOR TRANSMISSION

REMARKS

SURFACE OBSERVATION AT RELEASE

PRESSURE			CONTACT	
Station	Sea Level	Pressure Change		

TEMPERATURE		RELATIVE HUMIDITY	WIND	

CLOUDS AND WEATHER

LEGEND FOR CONSTANT PRESSURE LOOPS

LEGEND FOR PLOTTED CURVES

DATE AND RELEASE TIME

PITTSBURGH, PA.
Greater Pittsburgh [illegible]

40° 30'N — 80° 13'W

DATA BASED ON ASCENT

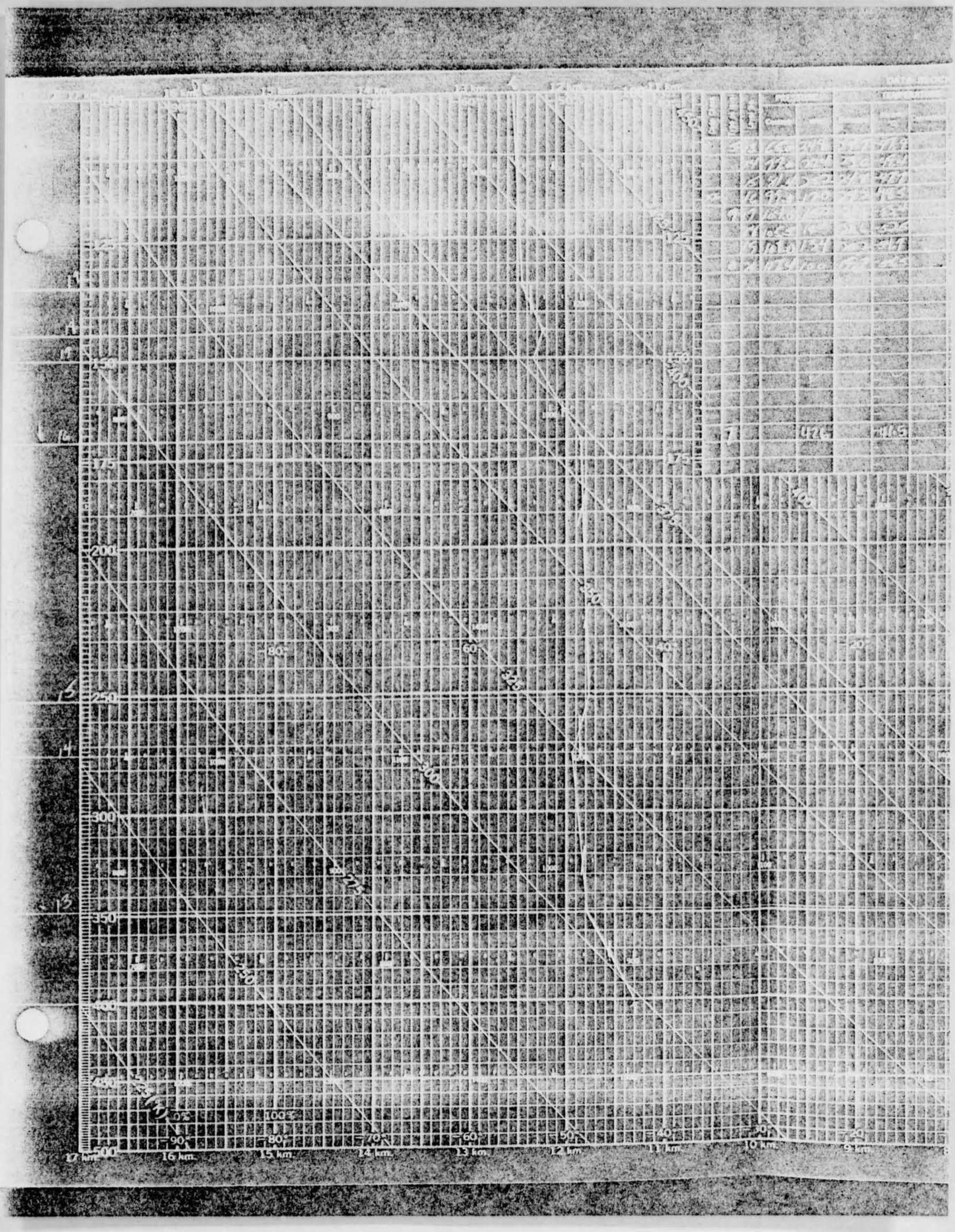
DATA BASED ON DESCENT

DATA BASED ON ASCENT

DATA BASED ON DESCENT

DATA BASED ON ASCENT

DATA BASED ON DESCENT



AEROSPACE TECHNICAL INTELLIGENCE CENTER
UNITED STATES AIR FORCE
WRIGHT-PATTERSON AIR FORCE BASE
OHIO

REPLY TO
ATTN OF: AFCIN-4E

13 APR 1961

SUBJECT: UFO Sighting (Akron, Ohio, 21 January 1961)

TO: SAFOI-3d (Major Coleman)

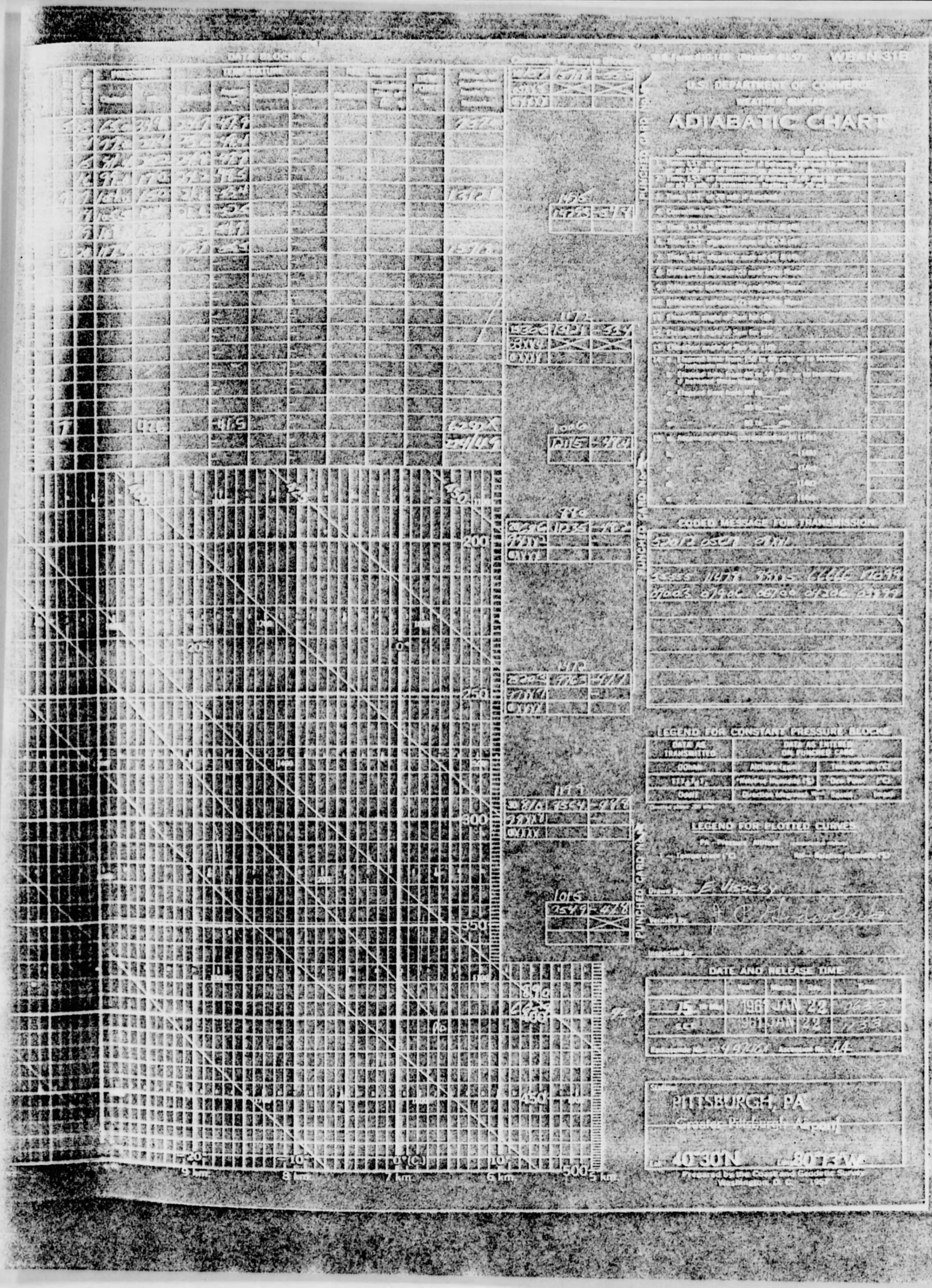
1. During March 1961 your office forwarded a tape recording to ATIC which was prepared by Mr [redacted] of Akron, Ohio, concerning the subject of Unidentified Flying Objects. The tape contained specific information about a sighting which occurred in Akron, Ohio, on the night of 21 January 1961. Mr. [redacted] forwarded a copy of this tape to the President of the United States and also to several members of Congress. This case was not brought to the attention of the Air Force except through Mr [redacted] tape recording which reached ATIC on 14 March 1961.

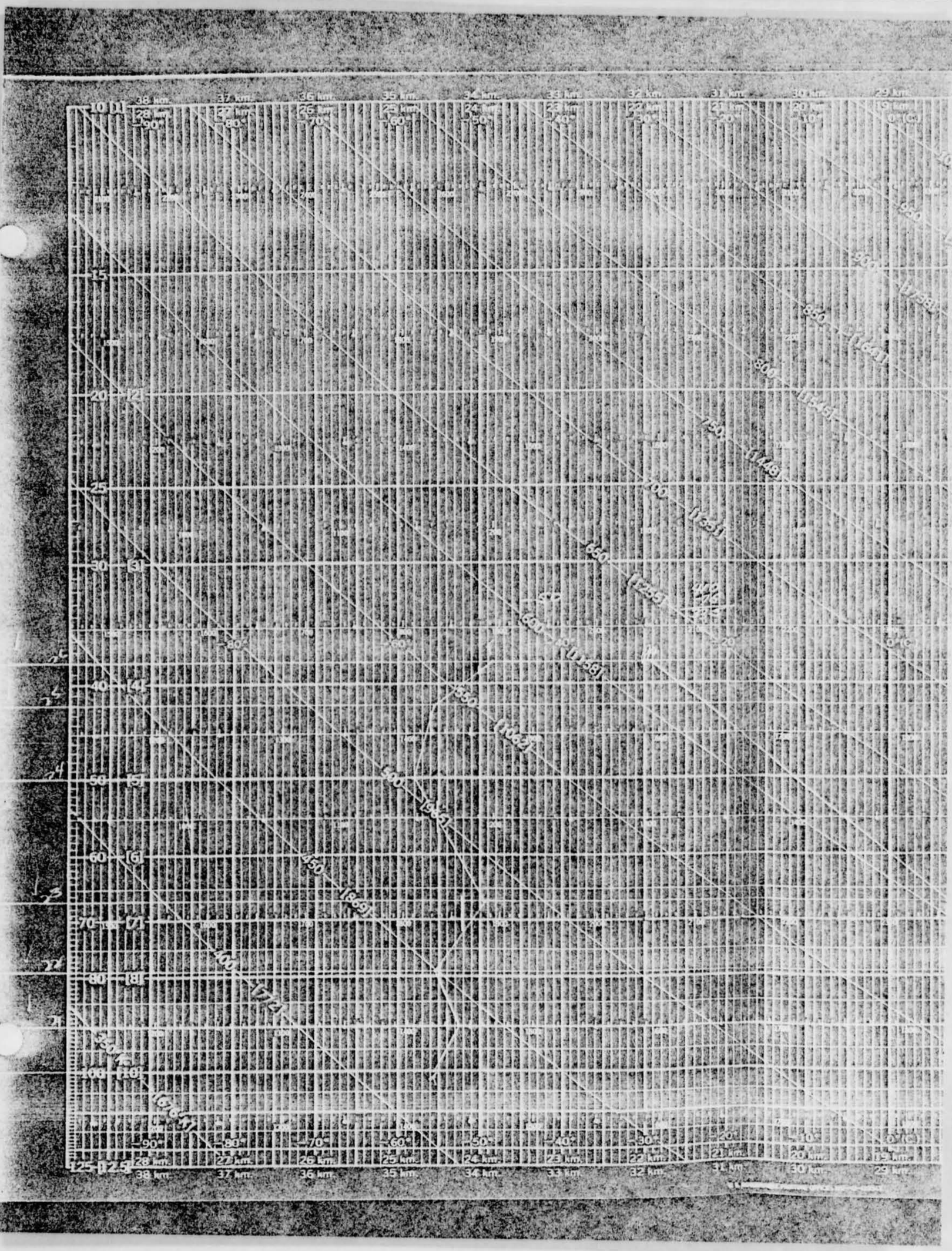
2. On 21 March 1961 two officers were dispatched from ATIC to Akron for the purpose of investigating the 21 January 1961 UFO sighting. From the data collected by the investigators it was determined that the UFO sighting resulted from the misidentification of the setting moon due to atmospheric refraction.

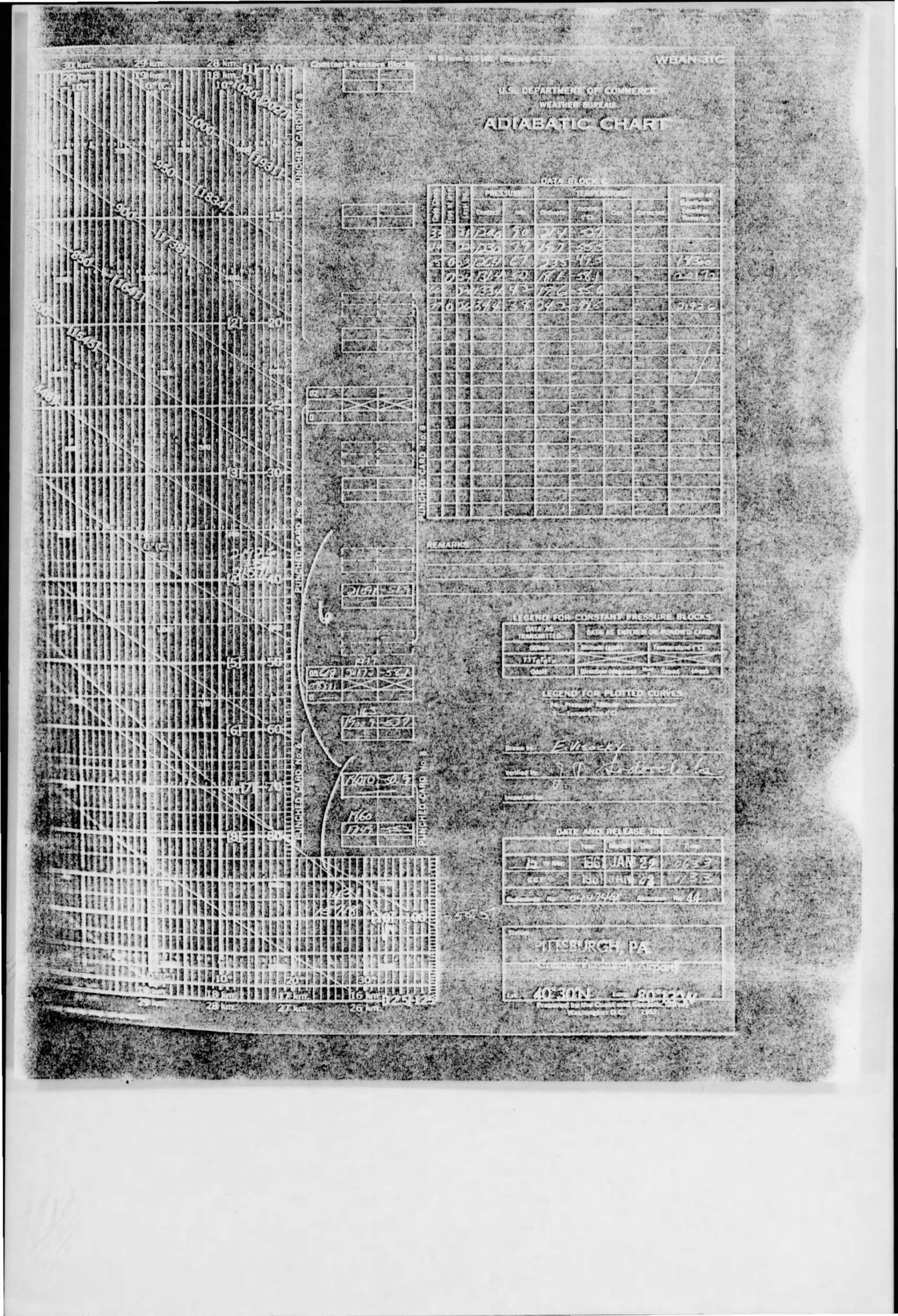
3. The Air Force investigators interviewed Mr. J[redacted] whose account of the sighting is on the [redacted] tape recording. Mr. [redacted] was contacted and his taped accounts of the sighting by Mr. and Mrs. [redacted], Mrs [redacted] and her eleven years old daughter, [redacted] Mr. and Mrs. [redacted], and Mr. and Mrs. [redacted] were run off for the investigators. The information from the witnesses was generally consistent; the object being sighted between 2230 and 2300, appearing as a red-orange object just to the north of west and very low on the horizon. The object was further described by all witnesses as appearing like a circle or plate with the top cut off and approximately five times the size of the moon. The sighting was reported to have lasted approximately fifteen minutes.

4. On 21 January 1961 at 2258 the weather at the Akron-Canton Airport was a 2000 foot overcast composed of stratocumulus clouds, the visibility was 7 miles, and the temperature was 7°F. The witnesses stated that in Akron it was partly cloudy rather than overcast; however, the most significant point is the presence of stratiform clouds which are indicative of stable conditions (inversions). Inversions increase the index of refraction of the atmosphere.

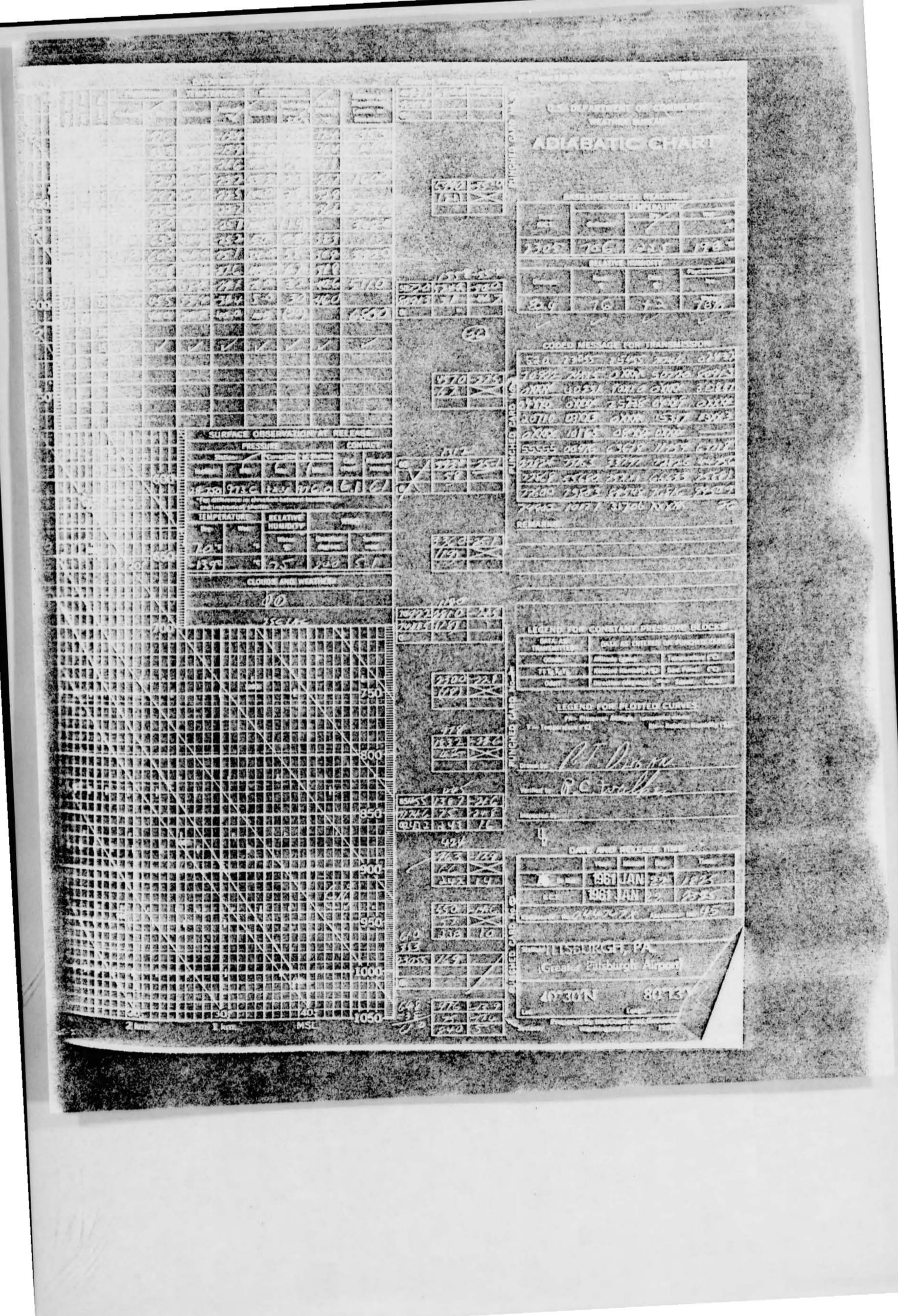
5. On 21 January 1961 official moonset at Akron was 2304. This time, of course, can deviate due to topographical conditions, manmade structures and the vantage point of the observer; however, these deviations are

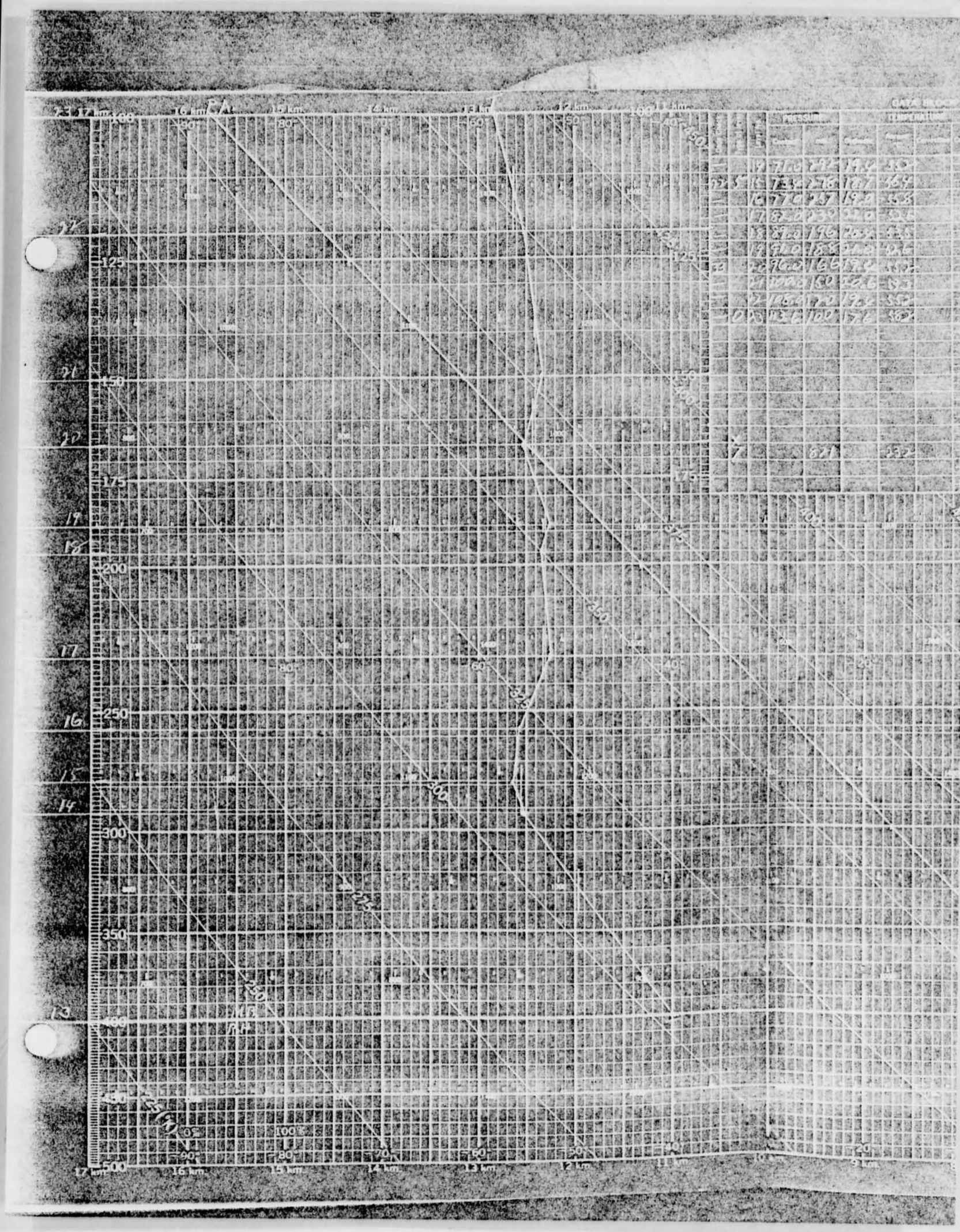

ADIABATIC CHART
CODED MESSAGE FOR TRANSMISSION
LEGEND FOR CONSTANT PRESSURE BLOCK
LEGEND FOR PLOTTER CURVES
DATE AND RELEASE TIME
PITTSBURGH, PA
40°30'N
80°13'W
PUNCHED CARD
PUNCHED CARD

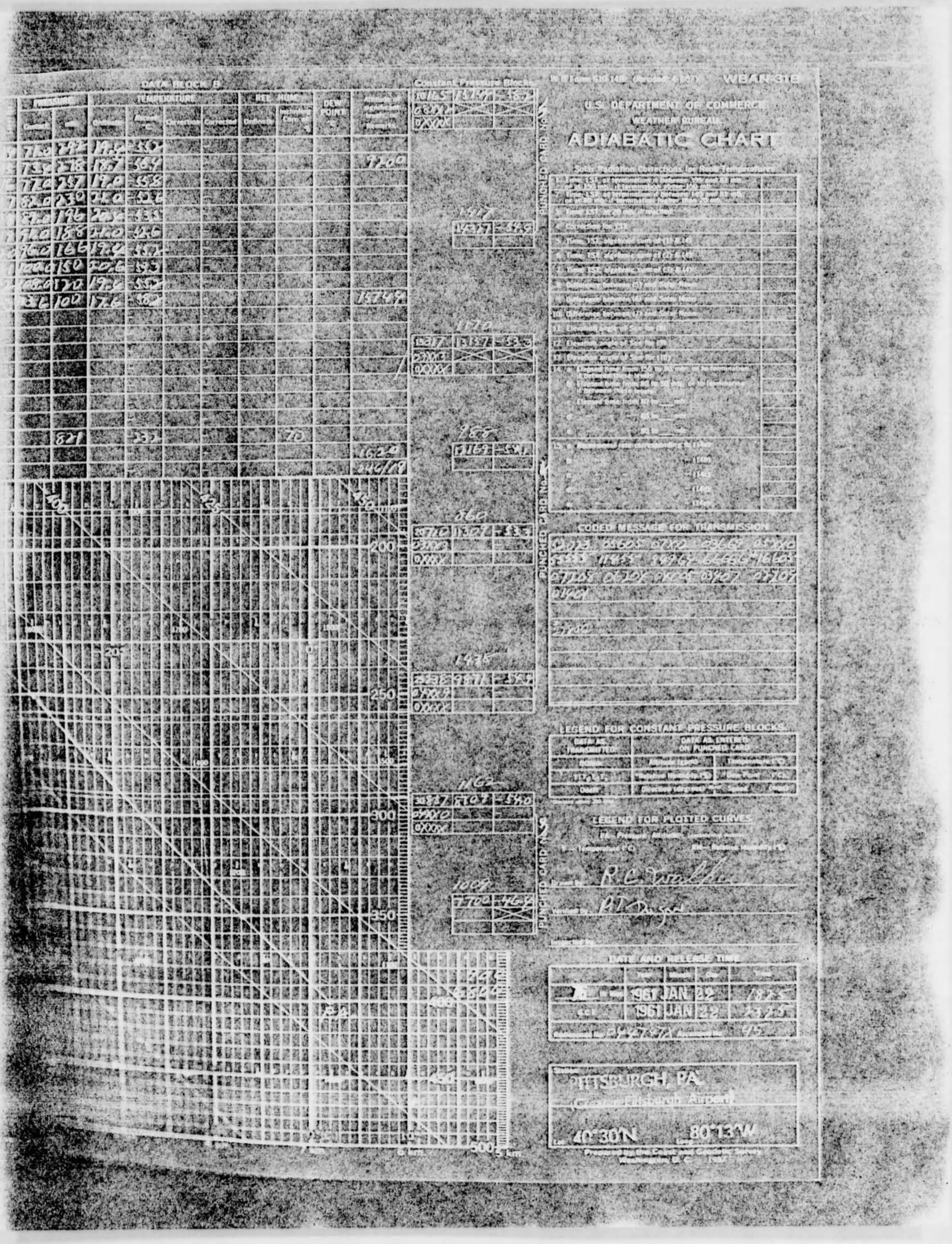


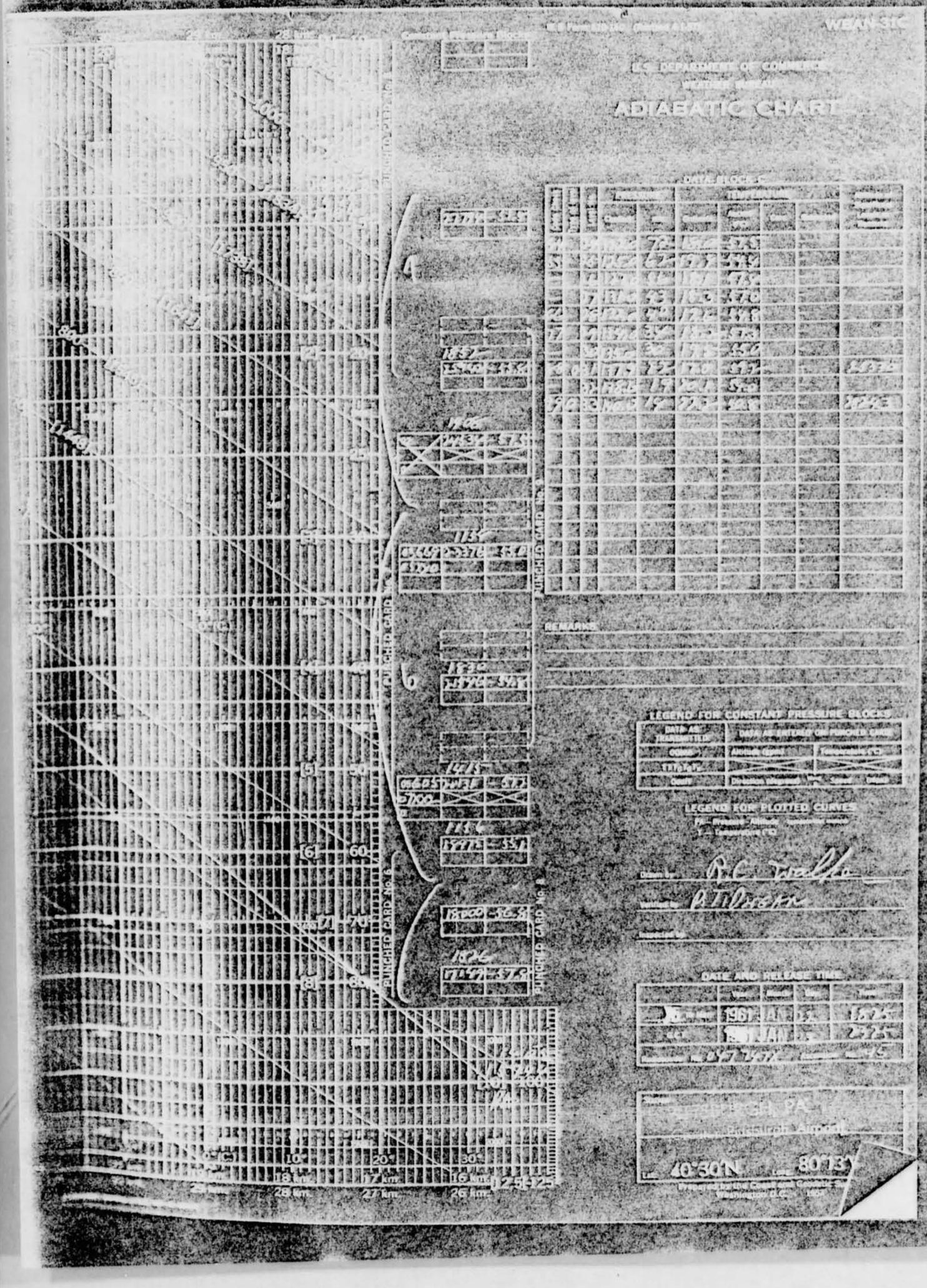

WEATHERTIC
U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU
ADIABATIC CHART
DATA BLOCK
REMARKS
LEGEND FOR CONSTANT PRESSURE BLOCKS
LEGEND FOR PLOTTED CURVES
DATE AND RELEASE TIME
PITTSBURGH PA
40° 01'N
80° 00'W

SR-1


ADIABATIC CHART
SURFACE OBSERVATION AT RELEASE
PRESSURE
CONTACT
TEMPERATURE
RELATIVE HUMIDITY
CLOUDS AND WEATHER
CODED MESSAGE FOR TRANSMISSION
LEGEND FOR CONTACT PRESSURE BLOCK
LEGEND FOR PLOTTED CURVES
Date And Release Time
1961 JAN
PITTSBURGH PA
(Greater Pittsburgh Airport)
40°30'N
80°13'
MSL




DATA BLOCK B
Constant Pressure Blocks
WBAN-916
U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU
ADIABATIC CHART
CODED MESSAGE FOR TRANSMISSION
LEGEND FOR CONSTANT PRESSURE BLOCKS
LEGEND FOR PLOTTED CURVES
DATE AND RELEASE TIME
PITTSBURGH, PA.
40° 30'N
80° 13'W


ADIABATIC CHART
REMARKS
LEGEND FOR CONSTANT PRESSURE BLOCKS
LEGEND FOR PLOTTED CURVES
DATE AND RELEASE TIME
40°30'N
80°13'
PUNCHED CARD No. 1
PUNCHED CARD No. 2
PUNCHED CARD No. 3

WBAN 10A
Formerly WB Form 1394 also
(Rev. 1-1-55)

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
SURFACE WEATHER OBSERVATIONS

STATION AKRON, OHIO-AKRON-CANTON AIRPORT DATE JAN. 20 1961 (FRIDAY)

TYPE	TIME (EST)	SKY AND CEILING (Hundreds of Feet)	VISIBILITY (In Miles)	WEATHER AND OBSTRUCTIONS TO VISION	SEA LEVEL PRESS. (MB)	TEMP (°F)	DEW PT (°F)	WIND DIRECTION	WIND SPEED (MPH)	CHARACTER AND AMT	ALTIMETER SET (IN.)	REMARKS AND SUPPLEMENTAL WEATHER DATA	CHRONO TEMP. TIME
R	0058	20 O E50 ⊕	15	SW-	105	44	8	↓	15		977	90402	
SM	0100	5 2 8 3 15	74	BS7 10	114	8	56	XX	28	110	970	28 ∿ 426/44 30010	
R	0158	E20 O 90 ⊕	10	SW-	108	13	8	↓	14		978		
R	0258	15 O E25 O	7	SW-	119	18	8	↘	14+20		981	(D)V(D)	
RS	0358	E 1 1/2 ⊕	6	SW-	115	12	6	↘	10		980	010 45 A	
RS	0458	O	15+		122	9	1	↘	10		981	SE30	
R	0558	O	15+		116	8	0	↘	8		982		
R	0658	O	15+		125	11	3	↘	10		981	10402 30004	
SW	0700	5 2 1 O 3 1/2 10	7 4 4 0 2 8		135	10	00	900	9	2	11	7100 3 2 7000 01 4 X 6 3	
R	0758	O	12		139	10	3	↘	7		985		
R	0858	O	15		139	15	O	↘	10		985		
R	0958	100 O	12		142	11	4	→	8		987	210 1030	
R	1058	100 O	12		142	13	4	↘	9		987		
R	1158	20 O 100 O	12		142	14	4	↘	11		987		
R	1258	20 O E 100 O	12		144	18	7	→	10		988	50 16 E37	
SM	1300	5 2 1 6 30 10	4 9	260	144	18		VCSE	O	07	987	7 005/2 30002 4 1803	
R	1358	M 25 O 100 O	12		139	18	4	→	10		984		
R	1458	25 O E 80 O	12		139	18	8	→	9		984		
R	1534	M 20 O 80 O	2 1/2	SW-				→	6			5810	
R	1558	M 20 O 80 O	4	SW-	135	17	7	→	6		985	5810 500 570	
R	1658	E 35 O 80 O	7	SW-	142	16	6	→	6		986		
R	1758	35 O E 100 O	7		142	14	7	→	5		986	SE30	
R	1858	M 10 O	8	SW-	146	12	8	↗	3		987	5810	
SM	1900	5 2 1 6 2 30 3	4 4	3 5 8	147		25	400	0	8	2	0	7 10012 30002 4 1803
R	1958	35 O	10	SW-	146	14	7	→	3		987		
R	2058	30 O	5	SW-	146	11	6	↗	4		987		
R	2158	15 O 250 O	7	SW-	146	10	7	←	6	5	987	4100 1700 (D)V(D)	
S	2258	M 10 O 250 O	7	SW-				←	3				
S	2345	10 O 25 O	6	SW-					0				
R	2358	10 O 25 O	6	SW-	142	11	8		0		986		
R	2458	25 O	7	SW-	139	11	8		0		985		

usually small. The moon was approaching its first quarter and only 23% of the surface visible from the earth was illuminated. The semidiameter on this date was 15' 58.85".

6. When a ray of light consisting of vibrations of the same wave length (monochromatic light) passes from a rarer medium such as air to a denser medium such as glass, the ray is bent toward the perpendicular to the surface separating them. When the ray passes from a denser to a rarer medium, it is bent away from a similar perpendicular. This bending of the ray is called refraction. Light of different wave lengths is refracted differently under the same conditions, the shorter the wave length the greater the refraction. Thus, since red light has a longer wave length than yellow, it is refracted less; and yellow light is refracted less than blue light and so on. If a ray of light should, therefore, be composed of each of these colors (polychromatic), the effect of passing from a denser to a rarer medium would be to distribute the light into the various colors. This decomposition of a ray of light into its constituent colors is called dispersion. In the instance of the atmosphere we do not have different mediums but different densities of the same medium occurring in an infinite number of layers resulting in a curved path rather than one bend as when the one separating surface is clearly defined. As we increase our altitude the atmosphere becomes less dense, and as a result we have refraction. However, on certain occasions we have an increase in temperature with altitude (inversion) which increases the rate of change of density with altitude and therefore increases the index of refraction.

7. When the moon is just rising or setting it often assumes an elliptical shape with the longer diameter parallel to the horizon. This is caused by the refraction raising the lower edge more than the upper and therefore apparently shortening the diameter perpendicular to the horizon. In the Akron sighting the fact that the moon already was irregularly shaped, due to the approach of the first quarter, added to the effects created by the refraction. This is probably what caused the witnesses to report that the top of the object appeared flat or cut off on top. It is not unusual to experience the illusion that the moon is larger when it is rising or setting. This illusion results from being able to compare it with objects of known size when it is near the horizon.

8. It is concluded by ATIC that the object viewed by the witnesses in Akron, Ohio, on 21 January 1961 was the setting moon distorted by atmospheric refraction. The apparently irregular shape, apparently greater size, and possibly weather conditions probably contributed to the misidentification. This conclusion is substantiated by the facts that the moon was located just north of west on 21 January 1961 the direction reported for the UFO and all of the sightings occurred at the approximate time of moonset with none occurring after 2305 which is only one minute after the official moonset time for Akron, Ohio, on 21 January 1961.

N/A

U.S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

SURFACE WEATHER OBSERVATIONS

STATION AKRON, OHIO AKRON-CANTON AIRPORT DATE JAN 20 1961 FRIDAY

TIME (E.S.T.)	STATION PRESS. (INS.)	DRY BULB (°F.)	WET BULB (°F.)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA — LOWEST LAYER: AMT.	TYPE (HIGH, MED., LOW)	HEIGHT	SECOND LAYER: AMT.	TYPE (HIGH, MED., LOW)	HEIGHT	PRIOR TIME (HRS.)	THIRD LAYER: AMT.	TYPE (HIGH, MED., LOW)	HEIGHT	PRIOR TIME (HRS.)	FOURTH LAYER: AMT.	TYPE (HIGH, MED., LOW)	HEIGHT	TOTAL OPAQUE SKY COVER	PRECIP.	WET BULB CHANGE	HOURLY PRECIP.	
00	28.470	14.0	13.1	76	10	3	Sc	20	7	Sc	250	10	0				0			10	1	030		T
01	28.480	13.2	12.5	78	10	7	Sc	220	3	Ac	90	10	0				0			10				T
02	28.510	13.6	12.0	80	7	3	Sc	12	4	Sc	250	7	0				0			7				T
03	28.520	11.6	11.0	79	10	10	Sc	250	0				0				0			10	0	010		T
04	28.510	8.8	7.9	69	0	0			0			0	0			0	0			0				T
05	28.520	5.3	5.0	81	0	0			0			0	0			0	0			0				
06	28.540	4.9	4.3	72	0	0			0			0	0			0	0			0	2	044		
07	28.550	3.3	2.9	76	0	0			0			0	0			0	0			0				
08	28.550	5.3	4.9	77	0	0			0			0	0			0	0			0				
09	28.570	11.1	10.2	73	2	2	Ac	110	0			2	0				2			2	2	010		
10	28.570	13.0	11.6	67	3	3	Ac	100	0			3	0				3			3				
11	28.561	14.2	12.6	64	5	1	Sc	20	4	Ac	100	5	0				5	0		5				
12	28.550	17.7	15.7	63	8	6	Sc	20	3	Ac	5100	8	0				8	0		8	8	020		T
13	28.541	16.3	15.6	69	9	6	Sc	1125	3	Ac	100	9	0				9	0		9				T
14	28.540	15.4	15.4	100	8	3	Sc	25	5	Ac	5100	8	0				8	0		8				T
15	28.550	17.0	15.2	65	10	8	Sc	1120	2	Ac	80	10	0				10	0		9	5	000		T
16	28.560	16.1	14.3	62	10	6	Sc	1135	4	Ac	80	10	0				10	0		8				T
17	28.560	14.0	13.0	74	8	3	Sc	25	5	Ac	2100	8	0				8	0		7				T
18	28.570	13.9	13.0	76	7	7	Sc	1140	0			7	0				7	0		7	2	020		T
19	28.570	13.8	12.8	74	5	5	Sc	35	0			5	0				5	0		5				T
20	28.570	11.0	10.5	80	4	4	Sc	30	0			4	0				4	0		4				T
21	28.570	10.4	10.2	85	4	2	Fc	15	2	Sc	25	4	0				4	0		4	M	000		T
22	28.580	11.2	11.0	96	5	2	Fc	10	3	Sc	25	5	0				6	0		5				T
23	28.550	10.6	10.6	89	10	6	Sc	25	0			6	0				6	0		2				T

SYNOPTIC OBSERVATIONS

TIME (E.S.T.)	TIME (G.C.T.)	WIND DIR.	WIND VEL.	SNOW FALL (INCH.)	SNOW DEPTH (INCH.)	MAX. TEMP. (°F.)	MIN. TEMP. (°F.)	HOURLY PRECIP. (IN.)	RATE OF PRECIP.	SEA STATE & DIR.	SWELL HGT. & DIR.	SWELL PERIOD	SURF. HGT. & DIR.	WATER TEMP.	SOIL TEMP.	PRECIP. CODE	
	MID.	X	T	T	X	15	14	X	X	X	X	X	X	X	X	.02	
	05		02	4	2	17	14		9							.02	
	10		T	3	2	14	8		9							.02	
	15		T	T	2	19	8		9							.02	
	18		T	T	2	19	14		9							0	
	MID.	X	T	T	2	14	10	X	X	X	X	X	X	X	X	0	

STATION PRESSURE COMPUTATIONS

TIME (E.S.T.)	1050	0140	0740	1340
ALT. GAUGE (INS.)				
MONTHLY CORR. (INS.)				
WITH CORR.				
WET BULB	28.470	28.510	28.540	28.570
WET BULB CORR. (INS.)	028	028	028	028
STA. PRESS.	28.498	28.538	28.568	28.598

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

HIGH MAX. TEMP. (°F.)	LOW MIN. TEMP. (°F.)	MEAN DAILY TEMP. (°F.)	DEP. FROM NORMAL (°F.)	SNOW FALL (INCHES)	PRECIP. (INCHES)	WATER EQUIV.	DUR. (HRS. & MINS.)	THICK. OF ICE ON WATER (INCHES)	FASTEST MILE WIND (M.P.H.)	DIR.	TIME (E.S.T.)	MEAN DAILY SEA LEVEL PRESS. (MILLIBARS)	MEAN DAILY STA. PRESS. (INS.)

WEATHER (THUNDER, ETC.)	FROM	FROM	DUR. (HRS. & MINS.)	OBSTR. TO VIS.	FROM	FROM	DUR. (HRS. & MINS.)
SW-	0040	0410					
SW-	0745	1225					

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

RAIN OR MELTED SNOW (in)	RAIN OR MELTED SNOW (in)	SNOW, ICE PELLETS, HAIL (in)	SNOW, ICE PELLETS, HAIL (in)	SNOW ON GROUND (in)	MAX GUST SPEED (mph)	MAX GUST DIR. (deg. or compass)	MAX GUST TIME (LST)	THICK. NEW ICE ON LAKES (in)	FROZEN GROUND LAYER DEPTH (in)	FROZEN GROUND LAYER THICK. (in)	RIVER, LAKE ICE (in)	PAN EVAP. (in)	PAN EVAP. (in)	WATER EQUIV. (inch)	
.19	.3	T	.8	2								.89	.50	.10	

REMARKS, NOTES, AND MISCELLANEOUS PHENOMENA

SUNRISE _____ SUNSET _____

PRECIP. IDENTIFIER	BEGAN (LST)	ENDED (LST)	DUR. (Hrs.)	DUR. (Min.)				
SW	CONTD	0430						
SW	1111	1133						
SW	1510	1520						
SW	1520	1630						
SW	1630	1730						
SW	1910	2040						
SW	2040	2145						
SW	2145	2240						
SW	2240	CONTD						

WEATHER
Formerly WB Form 1130A also
(Rev. 1-1-56)

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
SURFACE WEATHER OBSERVATIONS

STATION AKRON, OHIO AKRON-CANTON AIRPORT DATE JAN 31 1957 STATION DAY

TYPE	TIME (C.S.T.)	SKY AND CEILING (HUNDREDS OF FEET)	VISIBILITY (MILES)	WEATHER AND OBSTRUCTIONS TO VISION	SEA LEVEL PRESS. (MBS)	TEMP (°F)	DEW PT. (°F)	WIND DIRECTION	WIND SPEED (MPH)	WIND CHARACTER AND SHIFTS	ALTIMETER SET. (INS.)	REMARKS AND SUPPLEMENTAL CODED DATA	OBSERVER'S INITIALS
R	0052	25 (1)	2	S	11	11	07		C		9983		MW
SM	0100	52 1 70000	4	RW-	129	11	07		07	DIFF	2	8 0 0 4 4 9 0 3	MW
RS	0152	(2)	2½	BR	125	09	07		4		9915	SE30	MW
R	0252	22 (4)	2½	SNO FK	125	10	07		3		9912	SE30	MW
R	0352	22 (4)	2	SNO FK	122	10	07		C		9921	60/ 10/	MW
R	0452	21 (4)	½	SNO FK	119	10	07		C		9919	VSBY 30 MINUS	MW
R	0552	22 (4)	½	S F	119	09	07		5		9919	BINOVC	MW
R	0652	21 (4)	2	S F	119	09	06		5		9920	9040 2	MW
SM	0700	52 1 72 10	5	R-VV 8	119	09		VRB	04		9925	E 8 0 0 2 2 4 1 9 0 9	MW
RS	0752	21 (2)	1½	R F	125	10	04		7		9917		MW
RS	0852	21 (2)	2	S F	125	10	05		5		9918		MW
RS	0952	70 (2)	½	FG H	125	10	06		04		9922	11 1 1 0 0 4 4 4	MW
R	1052	90 (2)	½	H	129	13	12		7		9915		MW
R	1152	150 (2)	½	H	130	15	12		10		9914		MW
R	1252	70 (2)	½	H	126	16	12		10		9912		MW
SM	1300	52 1 70 (2)	1/4	H	125	16	12	04	12		9911	7 0 0 4 3 2 0 0 0 2 4 4 0 1	MW
		20 (2)	2		125	16	12		11		9913		
		22 (4)	7		129	15	12		7		9918		

WBAN 10A
Formerly WB Form 1130A (Rev. 1-1-56)

U. S. DEPARTMENT OF COMMERCE / WEATHER BUREAU
SURFACE WEATHER OBSERVATIONS

STATION AKRON, OHIO AKRON-CANTON AIRPORT DATE JAN 21 1964 SATURDAY

TYPE	TIME (GCT)	SKY AND CEILING (HUNDREDS OF FEET)	VISIBILITY (MILES)	WEATHER AND OBSTRUCTIONS TO VISION	SEA LEVEL PRESS. (MB)	TEMP (°F)	DEW PT (°F)	WIND DIRECTION	WIND SPEED (KTS)	PRESSURE TENDENCY AND AMOUNT	RUNWAY VISUAL RANGE (HUNDREDS OF FEET)	REMARKS AND SUPPLEMENTAL WEATHER DATA	COUNTY WIDE VISIBILITY (MILES)
R	0054	25 (D)	3	SQ	11	11	7		C		9R3		M12
SM	0100	25 10000	4X	K X29	77	5	5	10	07	1114	32	80H- 4190 5	M12
RS	0154	(D)	2X	BR	12	9	7	4	04		9R3	SCT80	M12
R	0200	25 (D)	2X	SQ BK	12	10	7	09	3		9R2	SCT80	M12
R	0254	25 (D)	3X	SQ BK	12	10	7	09	5		9R1	60M 1 1/2	M12
R	0300	25 (D)	1V	SQ BK	11	10	7	09	5		9R1	VSBY 3V4 1V2	M12
R	0354	25 (D)	1V2	SQ F	11	10	7	09	5		9R1	BINOVC	M12
R	0400	25 (D)	2	SQ F	11	9	6	09	5		9R0	SCT80	M12
SM	0400	25 7 10	3	R 71 8	11	09		11	10		9R5	E SCT80 H1909	M12
RS	0454	7 11 16	1X	R F	12	9	4	12	7		9R4		M12
R	0500	8 11 16	4	SQ F	12	9	4	12	5		9R4		M12
RS	0554	7 10	2	OVC	12	10	6	12	12		9R2	1 1/2 60M SCT	M12
R	0600	80 (D)	1X	H	13	12	7	12	7		9R5		M12
R	0654	15 (D)	2	H	13	12	8	12	10		9R4		M12
R	0700	17 (D)	1/2	H	12	11	8	12	10		9R2		M12
SM	0700	25 7 10	1/2	H	12	11	8	09	14	1107	9R1	70H 3 2000 4	M12
R	0754	25 (D)	1/2	H	12	11	8	09	14		9R1		M12

U.S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

SURFACE WEATHER OBSERVATIONS

STATION AKRON, OHIO AKRON-CANTON AIRPORT DATE JAN 21 1961 SATURDAY

TIME (CST)	STATION PRESSURE	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRECIPITATION		NET 24 HR CHANGE	WEATHER	
01	28.520	10.8	10.6	86	6	6	Sc	35	0			6	0			6	0			2	T	040		T	
02	28.520	9.2	9.2	89	0	0			0			0	0			0	0			0				T	
03	28.520	9.9	9.9	87	10	10	Sc	25	0				0				0			10				10	
04	28.510	9.8	9.8	89	10	10	Sc	25	0				0				0			10	T	020		01	
05	28.490	9.9	9.9	89	10	10	Sc	25	0				0				0			10				T	
06	28.490	9.2	9.2	89	10	10	Sc	25	0			10	0			10	0			9				T	
07	28.500	8.9	8.7	88	9	9	Sc	25	0			9	0			9	0			6	T	010		T	
08	28.500	8.3	8.0	88	10	10	Sc	25	0				0				0			10				T	
09	28.500	8.3	8.3	89	10	10	Sc	25	0				0				0			10				T	
10	28.520	7.1	6.5	84	3	3	Sc	17	0			6	0			3	0			6	T	040		T	
11	28.550	2.7	1.0	78	1	1	Sc	20	0			1	0			1	0			1					
12	28.560	1.6	1.0	87	4	4	Sc	15	0			4	0			2	0			4					
13	28.620	1.4	1.0	86	2	2	Sc	7	0			2	0			2	0			2	T	020			
14	28.620	1.3	1.0	87	8	3	Sc	20	5	Sc	7	8	0			6	0			6					
15	28.620	1.5	1.0	89	10	10	Sc	20	0				0				0			10					
16	28.630	1.4	1.3	87	10	5	Sc	18	5	Sc	M35	10	0				0			10	T	030		T	
17	28.630	1.4	1.3	87	10	7	Sc	M15	8	Sc	30	10	0				0			10				T	
18	28.600	12.5	12.2	93	10	10	Sc	FEW	0				0				0			10				T	
19	28.620	11.4	10.9	81	10	6	Sc	M14	4	Sc	20	10	0				0			10	T	070		01	
20	28.630	9.5	8.8	79	10	10	Sc	M20	0				0				0			10				T	
21	28.630	9.3	8.9	81	10	10	Sc	M18	0				0				0			10				T	
22	28.650	8.6	7.9	79	10	10	Sc	M18	0				0				0			10	T	030		T	
23	28.670	7.5	7.0	79	10	10	Sc	M20	0				0				0			10				T	
24	28.680	5.0	4.1	66	10	6	Sc	M20	0	Sc	25	10	0				0			10				T	

SYNOPTIC OBSERVATIONS

TIME (GMT)	PRESENT WEATHER	WW	PRECIP. (INCHES)	SNOW FALL (INCHES)	SNOW DEPTH (INCHES)	MAX. TEMP. (°F)	MIN. TEMP. (°F)	NOT USED	STATE OF GROUND	SEA STATE DIR.	SEA STATE PER.	SWELL DIR.	SWELL PERIOD	SURF HGT.	WATER TEMP.	SOIL TEMP.	RAIN GAGE	
	MID TO 0050	X	T	.1	X	11	10	X	X	X	X	X	X	X	X	X	0	
	0050		T	.1	2	14	10		9								0	
	0650		T	.02	2	2	11	9		9							02	
	1250		T	T	4	3	12	8		9							10	
	1850		R	.01	3	3	16	11		9							01	
	MID	X	T	.1	3	11	3	X	X	X	X	X	X	X	X	X	01	

STATION PRESSURE COMPUTATIONS

TIME (GMT)	0050	0650	1250	1850
ALT. (INCHES)				
DISPLAY (INCHES)				
TOTAL CORR. (INCHES)				
STA. PRESS. (INCHES)	28.50	28.60	28.60	28.70
MM (INCHES)	28.50	28.60	28.60	28.700
MM (MB)	0	+10	0	+024

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

MAX. WET BULB TEMP. (°F)	MIN. WET BULB TEMP. (°F)	MAX. HOURLY WATER EQUIV. (INCHES)	MAX. SNOWFALL (INCHES)	SNOW DEPTH (INCHES)	FASTEST MILE: SPEED (MPH)	FASTEST MILE: DIR. (TENS OF DEGREES)	FASTEST MILE: TIME (LST)	THICK. OF ICE ON WATER (INCHES)	MONTH TO DATE: TOTAL WATER EQUIV. (INCHES)	MONTH TO DATE: SNOWFALL (INCHES)	AVG. SKY COVER	PEAK WIND: SPEED (MPH)	PEAK WIND: DIR. (TENS OF DEGREES)	PEAK WIND: TIME (LST)	WATER EQUIV. (INCHES)	SNOW, ICE PELLETS (INCHES)	
14	03	0.02	0.2	2	29	24	0830		0.02	0.2	0.6						

	RESULTANT (MPH)	MEAN (MPH)	SPEED (MPH)	DIR. (TENS OF DEGREES)	RESULTANT DIR. (TENS OF DEGREES)	MEAN (°F)	DEPART. FROM NORMAL (°F)	DEG. DAYS (BASE 65°F): HEATING	DEG. DAYS (BASE 65°F): COOLING
24-HR	6	6.1	0830			5	-6.0	60	0
MONTH TO DATE	6.0	6.0	0830			5.0	-6.0	60	0

| | | |

WBAN 10A
FORMERLY CAB FORM 1030A CIRC
(REV. 1-1-55)

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
SURFACE WEATHER OBSERVATIONS

STATION AKRON, OHIO ... AKRON - CANTON AIRPORT DATE JAN. 22 1961 SUNDAY

TYPE	TIME (EST)	SKY AND CEILING (Hundreds of Feet)	VISIBILITY (Miles)	WEATHER AND OBSTRUCTIONS TO VISION	SEA LEVEL PRESS. (MB)	TEMP. (°F)	DEW PT. (°F)	WIND DIRECTION	WIND SPEED (MPH)	WIND CHARACTER AND GUSTS	ALTIM. SETTING (INCHES)	REMARKS AND SUPPLEMENTAL WEATHER DATA	CEILING VISIBILITY (Hundreds of Feet) (Miles)
R	0054	20 ⊖	15+	SW — —	180	3	-5	→↗	13		997		M15
SM	0100	5 21 2 24 13	74	BS B 7	200	36	26	SW	9	G20	97	700 73 30000 3 4-1600 3	M15
R	0154	20 ⊖	15+	SW — —	180	1	-4	→↗	12		997		M15
R	0254	17 ⊖	15+	SW — —	183	0	-5	↗	12		998	⊖ CEILG ⊖	M15
R	0358	17 ⊖	15+	SW — —	186	0	-6	→↗	15		999	10 3 1500	M15
RS	0454	M17 ⊖	15+	SW — —	183	1	-6	→↗	13+20		998	⊖ V ⊖	M15
RS	0554	17 ⊖	15+	SW — —	183	0	-5	→↗	17+29		999	⊖ V ⊖	M15
R	0654	17 ⊖	15+	SW — —	186	0	-5	↗	13+23		999	90403	M15
SM	0760	5 21 2 24 13	74	BS B 7	186	20		→↗	400	G	99	700 83 30001 4/1600	M15
RS	0758	M17 ⊖	15+	SW — —	193	1	-3	↗	16		001		M15
R	0854	M17 ⊖	15+		207	1	-5	↗	14		004	SE05	M15
RS	0954	M17 ⊖	15+		203	2	-3	→↗	13		004	117 RAB4	M15
R	1054	17 ⊖ ⊕	15+		213	5	-6	↗	14		006		M15
R	1154	20 ⊖ 7 ⊖	15+		213	8	-9	↗	15	+25	006		M15
RS	1254	M7 ⊖	4	SW-BS	200	9	-1	↗	17		003	SRAB	M15
SM	1300	7 22 7	56	⊖	200	07		→↗	60	G	03	700 3 30001 4/1600	M15
R	1358	E 17 ⊖	15+		193	16	0	→↗	16	+23	001	SE15	M15
RS	1458	M30 ⊖	12+		193	14	-1	→↗	16	+22	001		M15
R	1558	M30 ⊖	12+		193	11	-3	→↗	12+19		001	60 7 1500	M15
R	1658	26 ⊖ E30 ⊖	10		196	11	-4	→↗	14		002		M15
R	1758	26 ⊖ E30 ⊖	7		200	9	-1	→↗	15		001		M15
R	1858	120 - ⊖	7		196	7	1	↗	7		001		M15
SM	1900	5 21 3 24 07	74	BS B 7	196	07	00	97	⊖	016	00	700 63 4/2000	M15
R	1958	25 ⊖	7	SW —	200	7	1	↗	16		001	SE10	M15
R	2058	M30 ⊖	7	SW —	196	7	3	↗	11		001		M15
R	2158	M30 ⊖	7	SW —	193	7	3	→↗	13		000	803 1500	M15
R	2258	M30 ⊖	5	SW —	196	7	2	↗	14		999		M15
R	2358	M30 ⊖	5	SW —	193	7	3	→	12		997		M15

9. It is requested that you pass this information to SAFLL for forwarding to Mr. Robert Smart, House Armed Services Sub-Committee.

FOR THE COMMANDER:

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

U.S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

SURFACE WEATHER OBSERVATIONS

STATION AKRON, OHIO AKRON - CANTON AIRPORT DATE JAN 22 1961 SUNDAY

TIME (E.S.T.)	STATION PRESSURE (INS.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE (DES.)	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE (DES.)	SECOND LAYER HEIGHT	PRIMARY SKY COVER	THIRD LAYER AMT.	THIRD LAYER TYPE (DES.)	THIRD LAYER HEIGHT	PRIMARY SKY COVER	FOURTH LAYER AMT.	FOURTH LAYER TYPE (DES.)	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRECIP.	NET PRESS. CHANGE	WIND (MPH)	
00	28.670	23	22	69	3	3	SC	20	0			3	0			3	0			3				T	
01	28.670	21	19	77	2	2	SC	20	0			2	0			2	0			2				T	
02	28.670	24	21	76	5	5	SC	17	0			5	0			5	0			5				T	
03	28.680	23	20	76	4	4	SC	17	0			4	0			4	0			4		.010		T	
04	28.670	25	21	74	6	6	SC	M17	0			6	0			6	0			6				T	
05	28.670	22	20	79	3	3	SC	17	0			3	0			3	0			3				T	
06	28.680	23	21	79	2	2	SC	17	0			2	0			2	0			2		.020		T	
07	28.690	19	17	86	6	6	SC	M17	0			6	0			6	0			6				T	
08	28.720	14	10	85	7	7	SC	M17	0			7	0			7	0			7				T	
09	28.720	20	17	80	4	3	SC	17	3	CU	1	4	0			0	0			3		.050		T	
10	28.720	33	31	90	10	9	SC	17	10	CU	1	10	0				0			10					
11	28.715	34.1	30	76	3	1	SC	20	2	CU	1	3	0			3	0			1					
12	28.720	37.0	32	75	9	9	SC	M17	0			6	0			7	0			9	R	.070		T	
13	28.700	40.3	33	70	10	10	SC	17	0				0				0			10					
14	28.700	42.2	34.6	70	8	8	SC	M30	0			8	0			8	0			8					
15	28.700	41.0	34.0	73	8	7	SC	1035	0			7	0			7	0			7	R	.020			
16	28.710	40.5	33.5	72	7	4	SC	35	3	AC	E20	7	0			7	0			6					
17	28.710	39.0	32.8	75	8	2	SC	35	6	AC	E20	8	0			8	0			5					
18	28.700	37.0	34.4	75	4	4	AC	120	0			4	0			4	0			1	0	.000			
19	28.710	36.9	34.4	77	5	5	SC	35	0			5	0			6	0			3				T	
20	28.720	37.3	34.0	81	6	6	SC	M30	0			6	0			6	0			4				T	
21	28.730	37.1	34.8	81	6	6	SC	M30	0			6	0			6	0			4	R	.010		T	
22	28.740	37.0	34.7	81	8	8	SC	M30	0			8	0			8	0			6				T	
23	28.760	37.0	34.8	83	10	10	SC	M30	0			10	0				0			10				T	

SYNOPTIC OBSERVATIONS

	MIDNIGHT	X	T	T	X	5	3	X	X	X	X	X	X	X	X	X	0								
	0600	T	M	3	11	3		9									01								
	1200	T	T	3	3	0		9									01								
	1800	T	T	3	9	6		9									5/0								
	1830	T	T	3	12	7		9									01								
	MIDN.	X	T	T	3	7	7	X	X	X	X	X	X	X	X	X	0								

STATION PRESSURE COMPUTATIONS

TIME (E.S.T.)	0000	0600	1200	1800	1855
ATT. THERM. (°F)					
CORRECTION (INS.)					
TOTAL CORR. (INS.)					
STA. PRESS. (INS.)	28.670	28.690	28.720	28.700	
ALTIMETER (INS.)	28.670	28.710	28.720	28.700	
ALT. CORR. (INS.)	0	+.020	0	0	

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

PEAK GUSTS (M.P.H.)	MEAN	SPEED (M.P.H.)	RUN (Miles)	RESULTANT (M.P.H.)	MEAN	MEAN	RUN (Miles)
Speed	1000	0865		85	14.4	13.6	
Dir.	Units	14.5					

STATION: [illegible]

MO. [illegible]

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

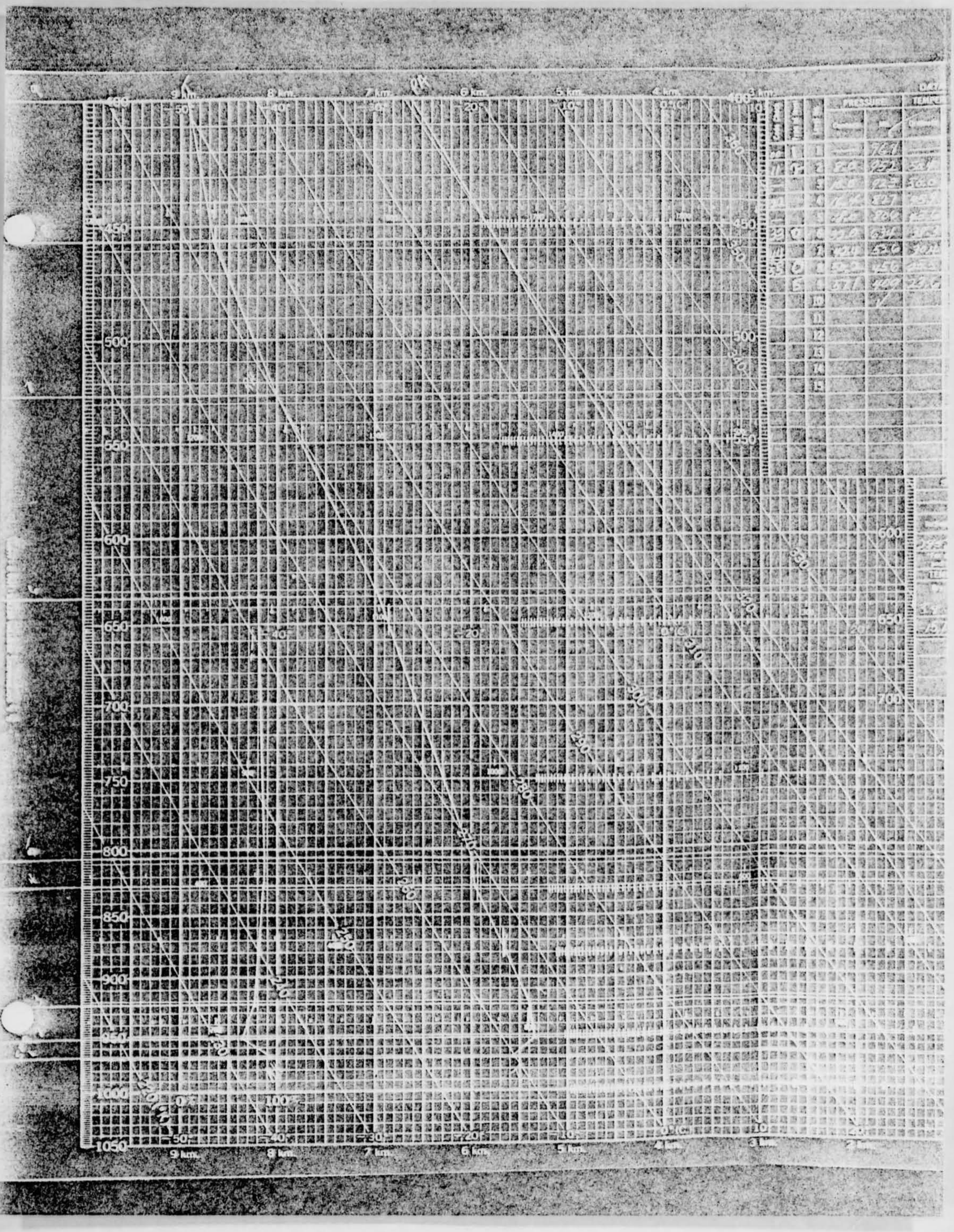
DAY	MAX TEMP °F	MIN TEMP °F	MEAN TEMP °F	DEP FROM NORMAL °F	SNOW, ICE PELLETS (IN.)	SNOW DEPTH (IN.)	PEAK GUST SPEED (MPH)	PEAK GUST DIR. (TENS OF DEGREES)	PEAK GUST TIME (LST)	THICK. OF NEW ICE ON GROUND (IN.)	FROZEN GROUND (YES OR NO)	WATER EQUIV. (IN.)	SNOW, ICE PELLETS (IN.)	SNOW DEPTH (IN.)	W.E. OF SNOW (TENTHS)
1															
2															
3															
4															
5															
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MO.															

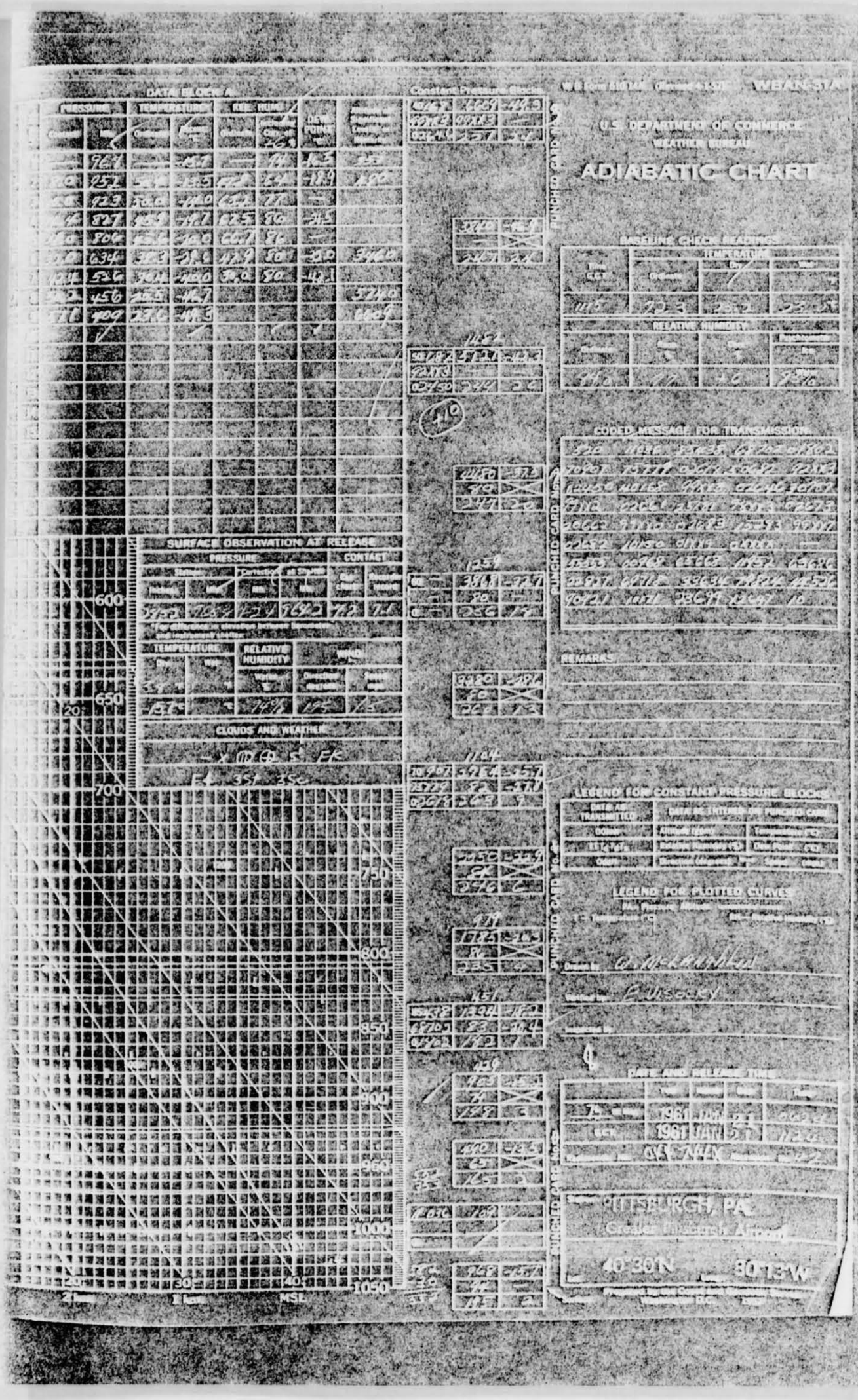
PRECIP. & THIRSTH.	MEAN	ENDED	DUR. OF Hrs. Mins.	GREATEST TO VIS	MEAN	ENDED	DUR. OF Hrs. Mins.
SW	CONTD	0800		85	2400	1300	
SW	1300	2315					
SW	2315	CONTD					

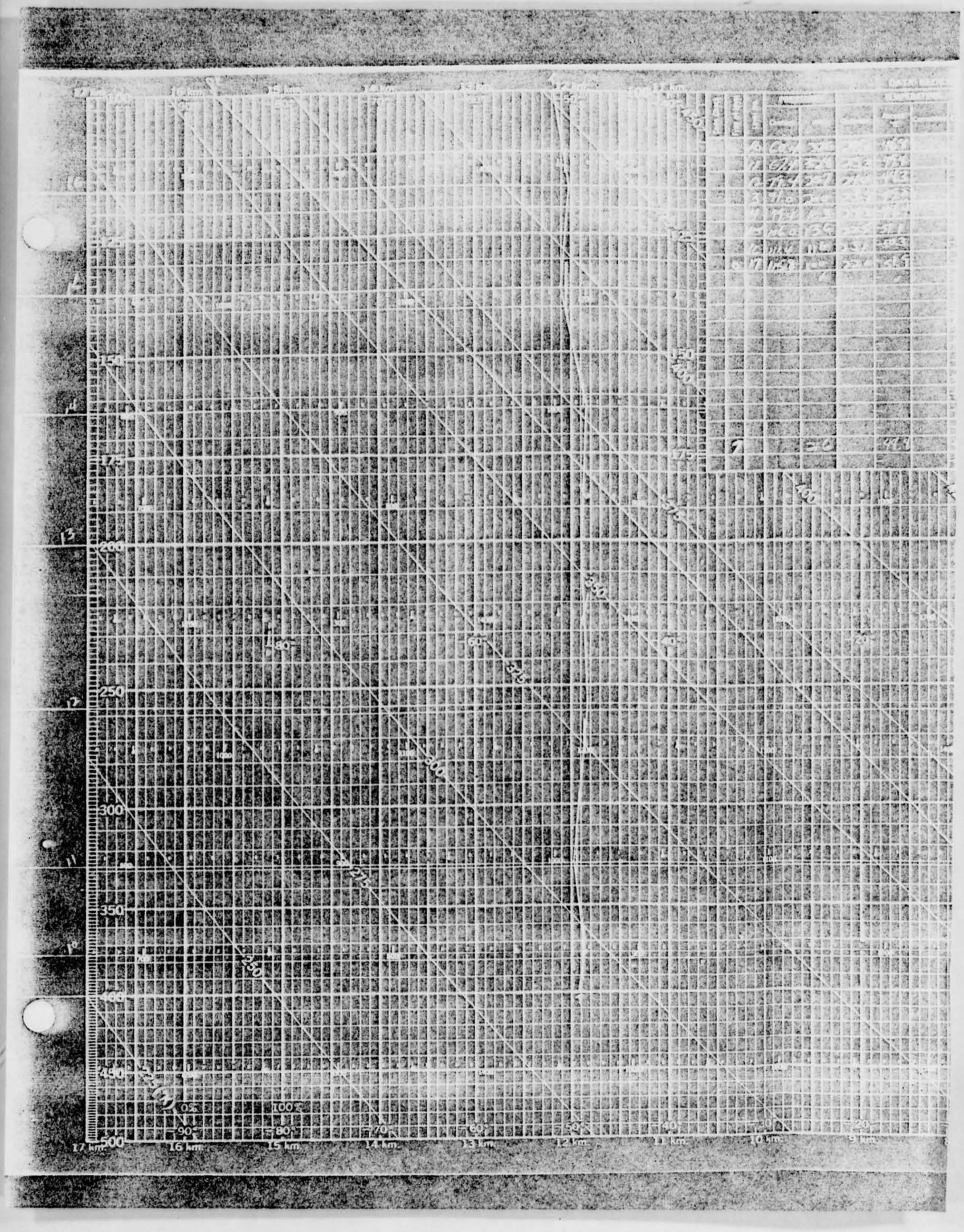
REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

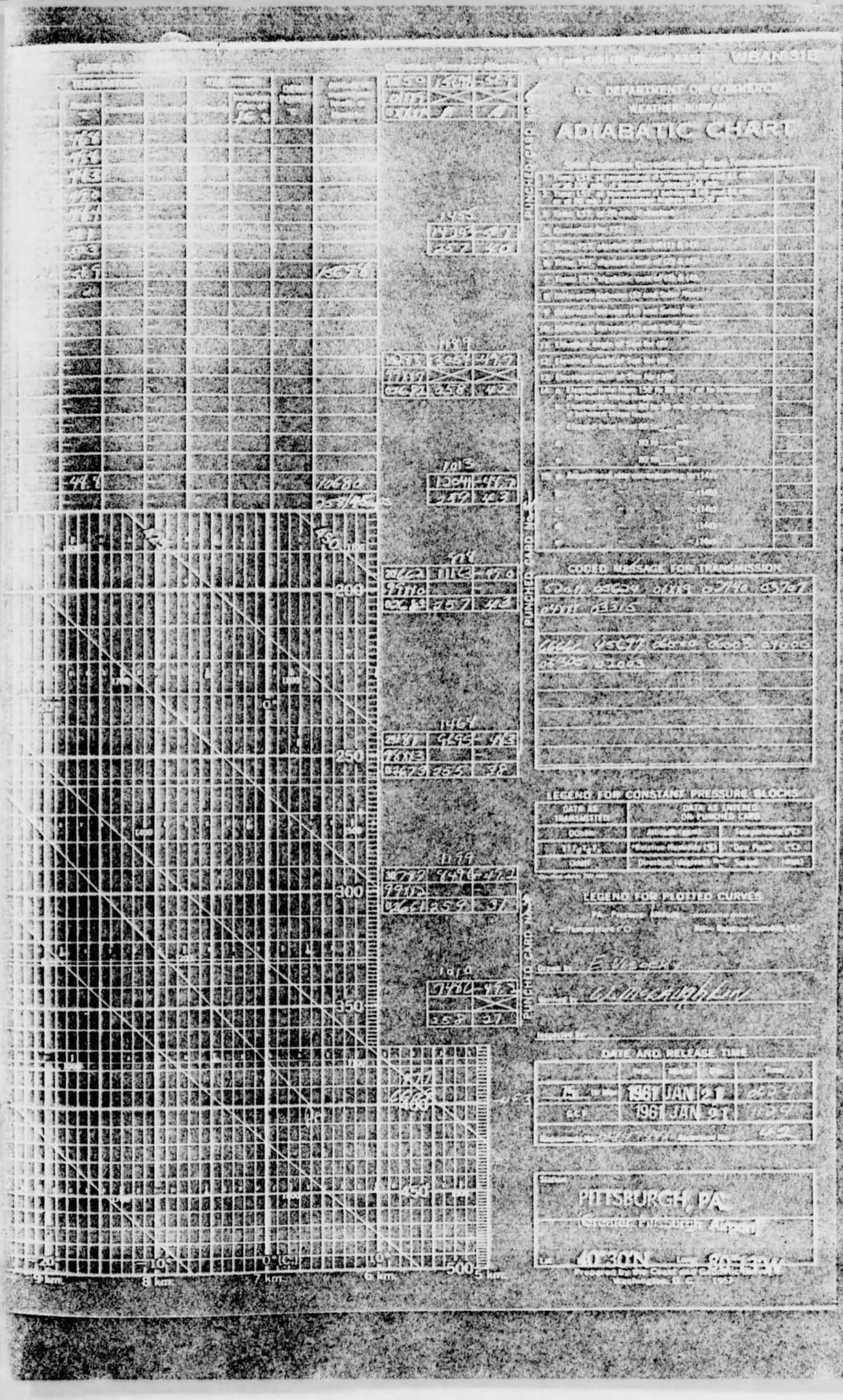
SUNRISE ..... SUNSET .....

* RESET RAIN GAGE (IT WAS SET AT 02 WHEN NEW CHART WAS PUT ON)




DATA BLOCK A
PRESSURE
TEMPERATURE
DEW POINT
SURFACE OBSERVATION AT RELEASE
CONTACT
TEMPERATURE
RELATIVE HUMIDITY
CLOUDS AND WEATHER
U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU
ADIABATIC CHART
MB LINE CHECK READINGS
RELATIVE HUMIDITY
CODED MESSAGE FOR TRANSMISSION
REMARKS
LEGEND FOR CONSTANT PRESSURE BLOCKS
LEGEND FOR PLOTTED CURVES
DATE AND RELEASE TIME
1961
PITTSBURGH, PA.
Greater Pittsburgh Airport
40°30'N
80°13'W
MSL
600
650
700
750
800
850
900
950
1000
1050
10
20
30
40




U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU
ADIABATIC CHART
PUNCHED CARD
COORDINATES
CODED MESSAGE FOR TRANSMISSION
LEGEND FOR CONSTANT PRESSURE BLOCKS
LEGEND FOR PLOTTED CURVES
DATE AND MESSAGE TIME
1961 JAN
PITTSBURGH, PA.
(Greater Pittsburgh Airport)
40°30'N 80°14'W
200
250
300
350
400
450
500

UFFICIAL FILE COPY
4E

AFCIN-4E/Maj Friend/vw/69216

UFO Sighting (Akron, Ohio, 21 January 1961) 13 APR 1961

SAFOI-3d (Major Coleman)

1. During March 1961 your office forwarded a tape recording to ATIC which was prepared by Mr. [redacted] of Akron, Ohio, concerning the subject of Unidentified Flying Objects. The tape contained specific information about a sighting which occurred in Akron, Ohio, on the night of 21 January 1961. Mr. [redacted] forwarded a copy of this tape to the President of the United States and also to several members of Congress. This case was not brought to the attention of the Air Force except through Mr. [redacted] tape recording which reached ATIC on 14 March 1961.

2. On 21 March 1961 two officers were dispatched from ATIC to Akron for the purpose of investigating the 21 January 1961 UFO sighting. From the data collected by the investigators it was determined that the UFO sighting resulted from the misidentification of the setting moon due to atmospheric refraction.

3. The Air Force investigators interviewed Mr. [redacted] whose account of the sighting is on the [redacted] tape recording. Mr. [redacted] was contacted and his taped accounts of the sighting by Mr. and Mrs. [redacted], Mrs. [redacted] and her eleven years old daughter [redacted], Mr. and Mrs. [redacted] and Mr. and Mrs. [redacted] were run off for the investigators. The information from the witnesses was generally consistent; the object being sighted between 2230 and 2300, appearing as a red-orange object just to the north of west and very low on the horizon. The object was further described by all witnesses as appearing like a circle or plate with the top cut off and approximately five times the size of the moon. The sighting was reported to have lasted approximately fifteen minutes.

4. On 21 January 1961 at 2258 the weather at the Akron-Canton Airport was a 2000 foot overcast composed of stratocumulus clouds, the visibility was 7 miles, and the temperature was 7°F. The witnesses stated that in Akron it was partly cloudy rather than overcast; however, the most significant point is the presence of stratiform clouds which are indicative of stable conditions (inversions). Inversions increase the index of refraction of the atmosphere.

5. On 21 January 1961 official moonset at Akron was 2304. This time, of course, can deviate due to topographical conditions, manmade structures and the vantage point of the observer; however, these deviations are

usually small. The moon was approaching its first quarter and only 23% of the surface visible from the earth was illuminated. The semidiameter on this date was 15' 58.85".

6. When a ray of light consisting of vibrations of the same wave length (monochromatic light) passes from a rarer medium such as air to a denser medium such as glass, the ray is bent toward the perpendicular to the surface separating them. When the ray passes from a denser to a rarer medium, it is bent away from a similar perpendicular. This bending of the ray is called refraction. Light of different wave lengths is refracted differently under the same conditions, the shorter the wave length the greater the refraction. Thus, since red light has a longer wave length than yellow, it is refracted less; and yellow light is refracted less than blue light and so on. If a ray of light should, therefore, be composed of each of these colors (polychromatic), the effect of passing from a denser to a rarer medium would be to distribute the light into the various colors. This decomposition of a ray of light into its constituent colors is called dispersion. In the instance of the atmosphere we do not have different mediums but different densities of the same medium occurring in an infinite number of layers resulting in a curved path rather than one bend as when the one separating surface is clearly defined. As we increase our altitude the atmosphere becomes less dense, and as a result we have refraction. However, on certain occasions we have an increase in temperature with altitude (inversion) which increases the rate of change of density with altitude and therefore increases the index of refraction.

7. When the moon is just rising or setting it often assumes an elliptical shape with the longer diameter parallel to the horizon. This is caused by the refraction raising the lower edge more than the upper and therefore apparently shortening the diameter perpendicular to the horizon. In the Akron sighting the fact that the moon already was irregularly shaped, due to the approach of the first quarter, added to the effects created by the refraction. This is probably what caused the witnesses to report that the top of the object appeared flat or cut off on top. It is not unusual to experience the illusion that the moon is larger when it is rising or setting. This illusion results from being able to compare it with objects of known size when it is near the horizon.

8. It is concluded by ATIC that the object viewed by the witnesses in Akron, Ohio, on 21 January 1961 was the setting moon distorted by atmospheric refraction. The apparently irregular shape, apparently greater size, and possibly weather conditions probably contributed to the misidentification. This conclusion is substantiated by the facts that the moon was located just north of west on 21 January 1961 the direction reported for the UFO and all of the sightings occurred at the approximate time of moonset with none occurring after 2305 which is only one minute after the official moonset time for Akron, Ohio, on 21 January 1961.

1. PPT Nr.

TASK ACTIVITY REPORT

2. Subject: UFO Sighting	3. Initiator: Capts R. T. Smith / E. J. Wolf 4. Symbol: 4E2x 5. Phone:	6. Card Nr. 7. Date: 4 Apr 61

8. NATURE OF REQUEST OR ACTION: ☐ Product Coordination (4E); ☐ Schedule Change (4X7); ☐ Program Change (4X6); ☒ Trip Report; ☐ Staff Digest (4X2a); ☐ Contract Status (4X6); ☐ Graphics (4D2); ☐ Collect Support (4A)

_____ ACTION _____ INFORMATION _____ REPORTED _____ REQUESTED

9. Comment: On 21 March 61, Captains Robert T. Smith and Earl J. Wolf, Jr. traveled to Akron, Ohio, to check on reported UFO sighting.

The first task upon arrival in Akron was to locate the Pulliam family who had reported a Phenomena Sighting the night of 21 January 61. The information was obtained by going to the city's newspaper, the Akron Beacon Journal, which specializes in the reporting of spectacular controversial incidents, and ~~X~~ then researching the desired reports in the paper's file library.

The newspaper issues of 26 and 31 January 61 carried articles relative to the "Pulliam Sighting" of 21 Jan 61. Two of the articles reported the reaction of city (Akron) officials relative to the report (i.e [redacted]

The family reporting the incident was identified as the [redacted] family, [redacted] located on the North edge of Lake Nesmith, a very small lake (pond) situated in the South industrial section of the city of Akron.

Before making contact with the [redacted] Family, we inspected the whole area of Lake Nesmith (pond) thoroughly, making complete photo coverage while doing so. Also, we secured lodging in a motel, located on the South side of Lake Nesmith, almost directly

PPT Nr. _____ Card Nr. _____

across from the [redacted] residence.

Item 9 (Cont)

Established contact with the [redacted] on 22 March and arranged for an interview later on in the day. Mr. [redacted] and his oldest son, [redacted] 17 years old, were quite cooperative but a little apprehensive during the interview due to the fact that Mr. [redacted], [redacted] of the Unidentified Flying Objects Research Committee of Akron, Ohio, was not present. We assured Mr [redacted] that before we departed the city we would get in touch with Mr [redacted]; after that, the interview went somewhat more smoothly.

The interview was recorded on tape and in general went along with a previous tape recording of the [redacted] Incident" made by Mr. [redacted] and sent thru channels to ATIC. However, one major discrepancy was that during the interview Mr. [redacted] stated that he and his entire family went outside of the house together and observed "The Object". The previously received tape stated that he [redacted], stayed inside the house and other

10. NEXT COURSE OF ACTION OR REFERENCES:

11. COORDINATION & APPROVAL

Capt R. T. Smith Capt E. J. Wolf (Initials)	Maj R. Friend	Col R. R. Shoop	Col P. G. Evans

ATIC FORM DEC 60 46a This form supersedes ATIC Test Form 46a, Jun 60, which is obsolete.