

PROJECT 10073 RECORD

1. DATE - TIME GROUP 26/2051 PDT 26 Aug 69 27/0351Z		2. LOCATION California	
3. SOURCE Military & Civilian		10. CONCLUSION Other (SATELLITE DECAY)	
4. NUMBER OF OBJECTS One (1)		Comments: Identified as the decay of Cosmos 294 Rocket Body	
5. LENGTH OF OBSERVATION 1-2 minutes		11. BRIEF SUMMARY AND ANALYSIS Observers sighted firey object that traveled on a southerly course and was visible for 1 - 2 minutes.	
6. TYPE OF OBSERVATION Ground-Visual			
7. COURSE Southerly			
8. PHOTOS ☐ Yes ☒ No			
9. PHYSICAL EVIDENCE ☐ Yes ☒ No			

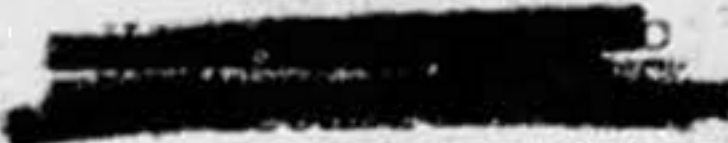
22. HAVE YOU EVER SEEN THIS OR A SIMILAR PHENOMENON BEFORE? ☒ YES ☐ NO. IF "YES," GIVE DATE AND LOCATION.			
18-ENTRY VEHICLES			
23. WAS ANYONE WITH YOU AT THE TIME YOU SAW THE PHENOMENON? ☐ YES ☒ NO. IF "YES," DID THEY SEE IT TOO?			
☐ YES ☐ NO.			
A. LIST THEIR NAMES AND ADDRESSES			
24. GIVE THE FOLLOWING INFORMATION ABOUT YOURSELF			
LAST NAME, FIRST NAME, MIDDLE NAME			
[REDACTED]			
ADDRESS [REDACTED] EDWARDS AFB CALIF.			
TELEPHONE (Area Number)	AGE	☒ MALE	☐ FEMALE
[REDACTED]	39		
INDICATE ADDITIONAL INFORMATION INCLUDING OCCUPATION AND ANY EXPERIENCE WHICH MAY BE PERTINENT.			
17 YEAR USAF PILOT.			
[REDACTED]			
[REDACTED]			
[REDACTED]			
25. WHEN AND TO WHOM DID YOU REPORT THAT YOU HAD SIGHTED THIS PHENOMENON?			
NAME TSGT JAMES D. VIERA DAY 26 MONTH AUG YEAR 69			
26. DATE YOU COMPLETED THIS QUESTIONNAIRE.			
DAY 26 MONTH AUG YEAR 69			

PAGE 8 OF 9 PAGES

TDPT (UFO)

29 SEP 1969

UFO Sighting, 26 August 1969


Danville, California 94526

1. Reference your UFO sighting of 26 August 1969. The stimulus for your sighting has been identified as probably the decay of Cosmos 294 rocket body. The rocket body entered the earth's atmosphere at 8:54 p.m. PDT +7 minutes and had an end point at 25.2 degrees north latitude, 111.8 degrees west longitude.

2. Thank you for your cooperation and interest in reporting your sighting to the Air Force.

HECTOR QUINTANILLA, Jr, Lt Colonel, USAF
Chief, Aerial Phenomena Office
Aerospace Technologies Division
Production Directorate

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS FOREIGN TECHNOLOGY DIVISION (AFSC)
WRIGHT-PATTERSON AIR FORCE BASE, OHIO 45433



REPLY TO
ATTN OF

TDPT (UFO)

23 SEP 1969

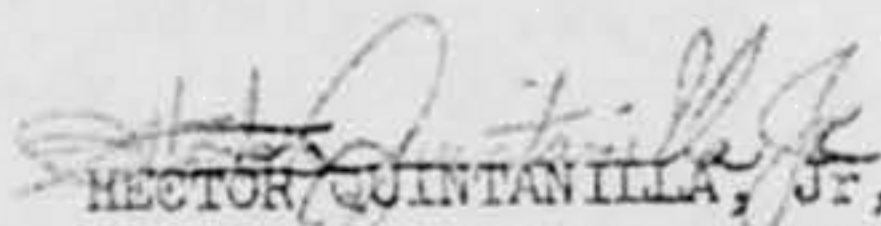
SUBJECT

UFO Observation, 26 August 1969

TO:

[REDACTED]
Danville, California 94526

Reference your recent unidentified flying object sighting which you reported to the Air Force. The information which we have received is not sufficient for a scientific investigation. Request you complete the attached AF Form 117 and return it in the self-addressed envelope. Thank you for reporting your observation to the Air Force.


HECTOR QUINTANILLA, Jr., Lt Colonel, USAF
Chief, Aerial Phenomena Office
Aerospace Technologies Division
Production Directorate

1 Atch
AF Form 117 w/envelope

SIGHTING OF UNIDENTIFIED PHENOMENA QUESTIONNAIRE

BUDGET BUREAU APPROVAL
NUMBER 21-2353

THIS QUESTIONNAIRE HAS BEEN PREPARED SO THAT YOU CAN GIVE THE U.S. AIR FORCE AS MUCH INFORMATION AS POSSIBLE CONCERNING THE UNIDENTIFIED PHENOMENON THAT YOU HAVE OBSERVED. PLEASE TRY TO ANSWER ALL OF THE QUESTIONS. THE INFORMATION YOU GIVE WILL BE USED FOR RESEARCH PURPOSES. YOUR NAME WILL NOT BE USED IN CONNECTION WITH ANY OF YOUR STATEMENTS OR CONCLUSIONS WITHOUT YOUR PERMISSION. RETURN TO AIR FORCE BASE INVESTIGATOR FOR FORWARDING TO FTD (TDETR), WRIGHT-PATTERSON AFB, OHIO 45433, 1AW AFR 80-17. (IF ADDITIONAL SHEETS ARE NEEDED FOR NARRATIVE OR SKETCHES ATTACH SECURELY TO THIS FORM OR ANNOTATE WITH YOUR NAME FOR IDENTIFICATION.)

1. WHEN DID YOU SEE THE PHENOMENON?

DAY 27 MONTH August YEAR 1967

2. WHAT TIME DID YOU FIRST SIGHT THE PHENOMENON?

HOUR 8 MINUTES 53 ☐ A.M. ☒ P.M.

3. WHAT TIME DID YOU LAST SIGHT THE PHENOMENON?

HOUR 8 MINUTES 54 ☐ A.M. ☒ P.M.

4. TIME ZONE

☐ DAYLIGHT SAVINGS☐ STANDARD☐ EASTERN☐ CENTRAL☐ MOUNTAIN☒ PACIFIC☐ OTHER

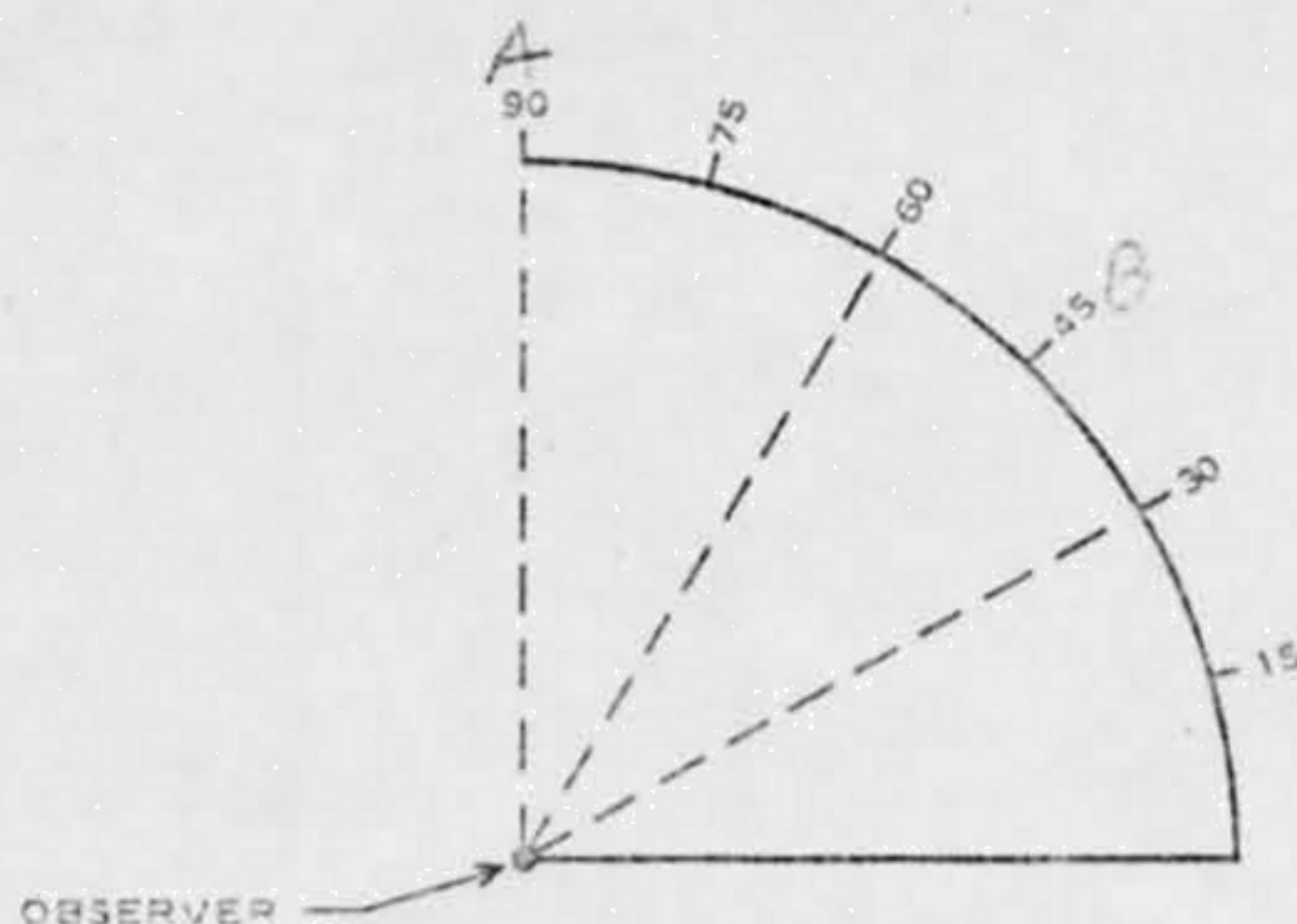
5. WHERE WERE YOU WHEN YOU SAW THE PHENOMENON? IF IN CITY, GIVE THE NEAREST STREET ADDRESS AND INDICATE ON A HAND DRAWN MAP WHERE YOU WERE STANDING WITH REFERENCE TO THE ADDRESS. IF IN THE COUNTRY, IDENTIFY THE HIGHWAY YOU WERE ON OR NEAR AND TRY TO FIX A DISTANCE AND DIRECTION FROM SOME RECOGNIZABLE LANDMARK.

~~California~~ California ~~St~~ Interstate
Highway 680.

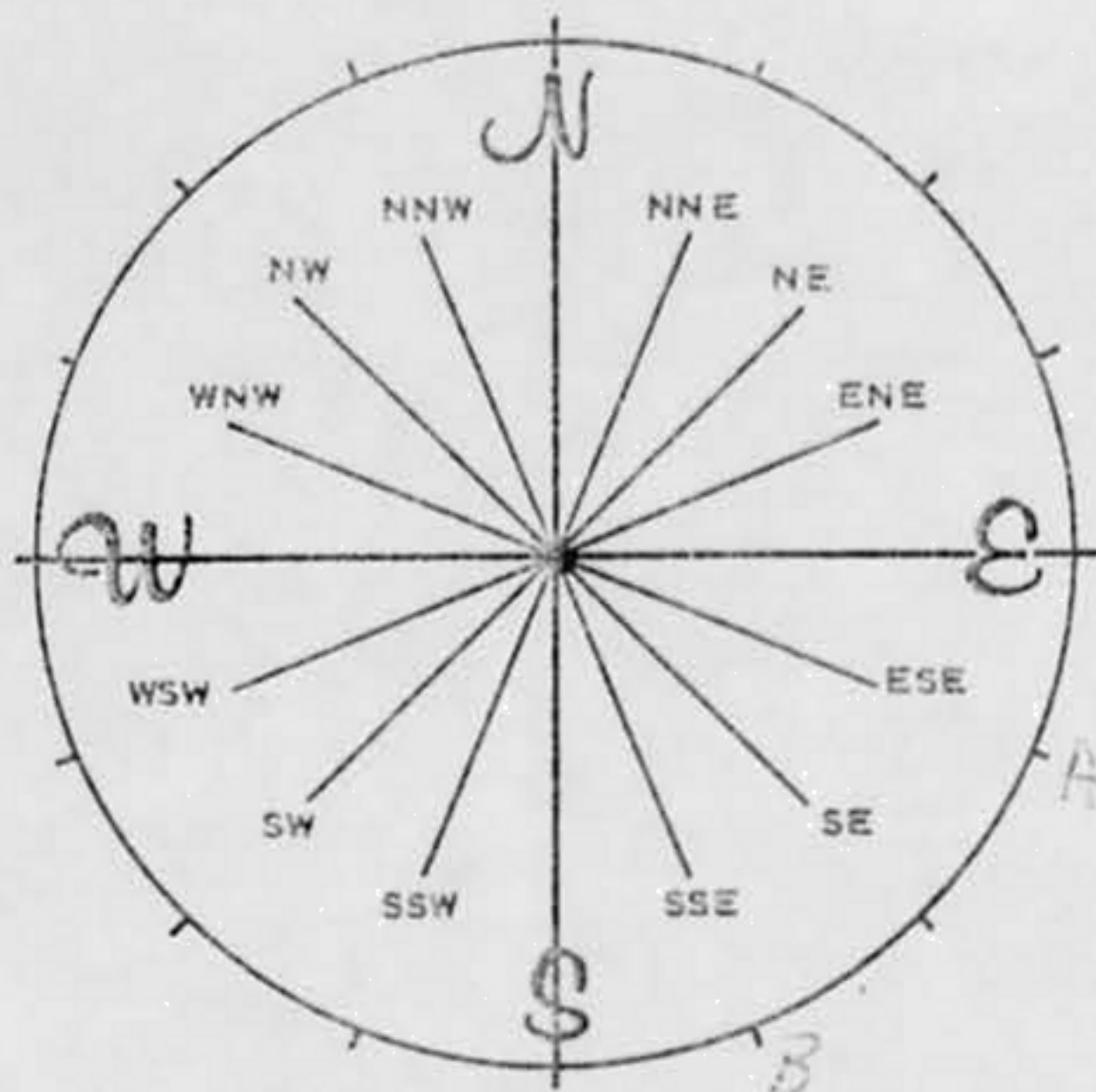
IN The country.

Nearest landmark is Mt. Diablo.

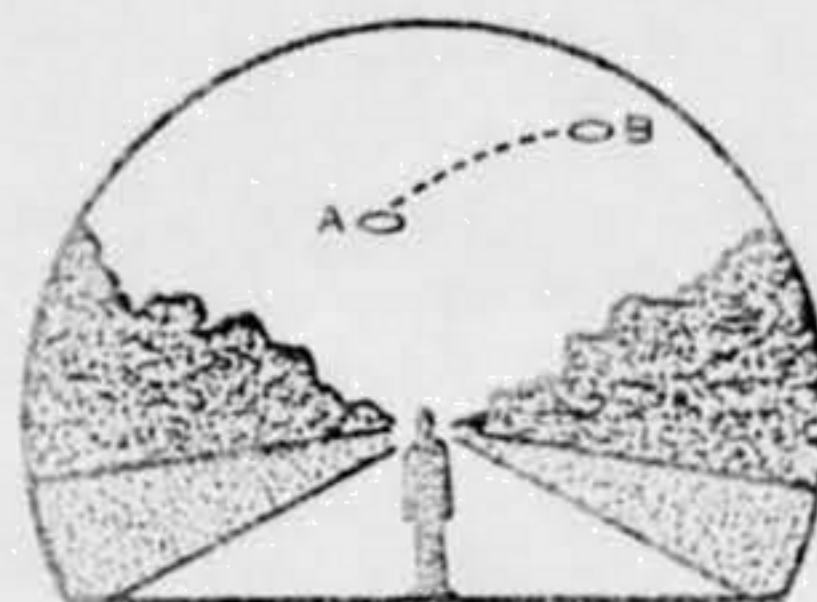
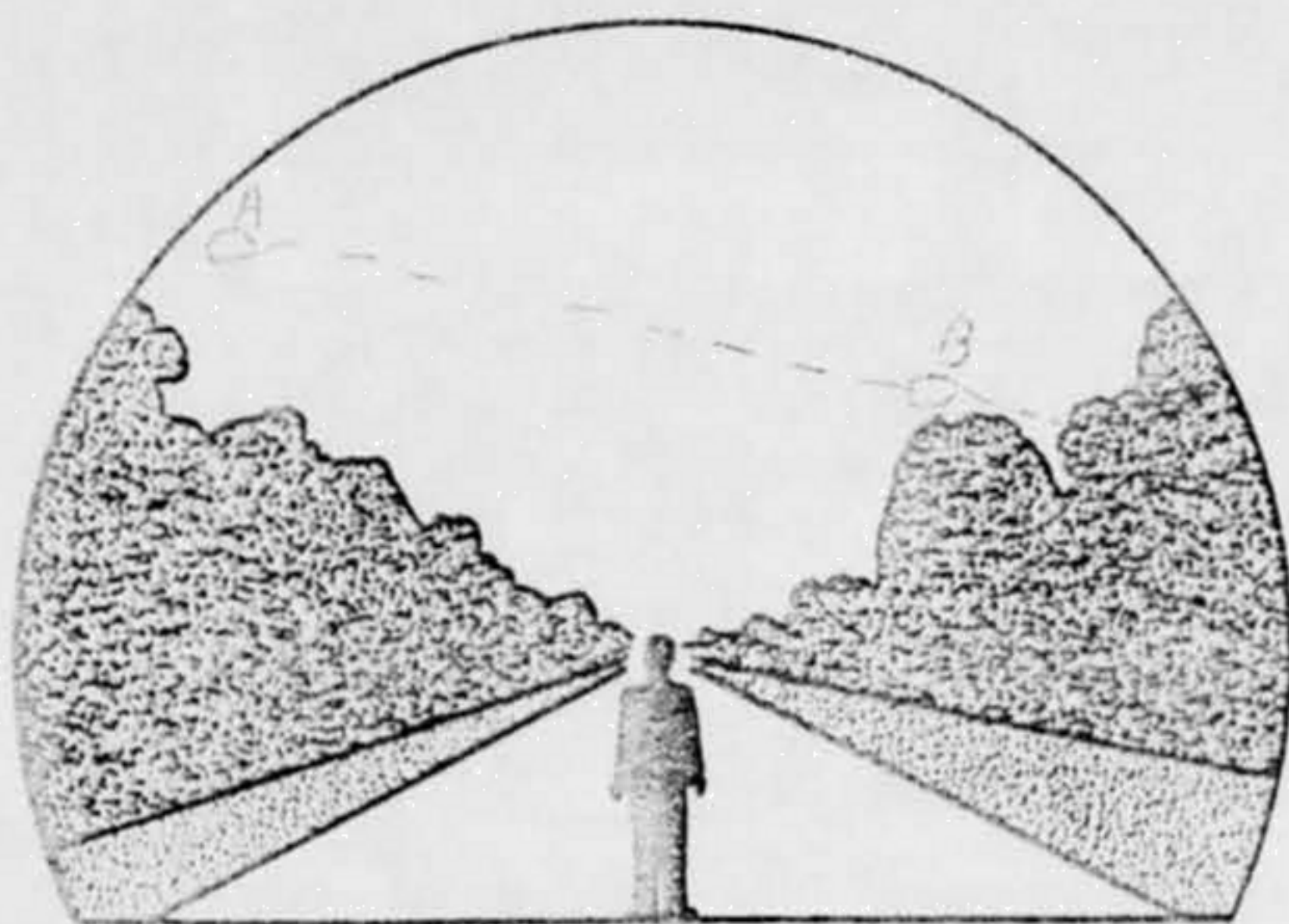
6. IMAGINE YOU ARE AT THE POINT SHOWN IN THE SKETCH. PLACE AN "A" ON THE CURVED LINE TO SHOW HOW HIGH THE PHENOMENON WAS ABOVE THE HORIZON, OR SKYLINE, WHEN FIRST SEEN. PLACE A "B" ON THE SAME CURVED LINE TO SHOW HOW HIGH ABOVE THE HORIZON THE PHENOMENON WAS WHEN LAST SEEN.



5A. NOW IMAGINE YOU ARE AT THE CENTER OF THE COMPASS ROSE. PLACE AN "A" ON THE COMPASS TO INDICATE THE DIRECTION TO THE PHENOMENON WHEN FIRST SEEN. PLACE A "B" ON THE COMPASS TO INDICATE THE DIRECTION TO THE PHENOMENON WHEN LAST SEEN.



7. IN THE SKETCH BELOW, PLACE AN "A" AT THE POSITION OF THE PHENOMENON WHEN FIRST SEEN, AND A "B" AT THE POSITION OF THE PHENOMENON WHEN LAST SEEN. CONNECT THE "A" AND "B" WITH A LINE TO APPROXIMATE THE MOVEMENT OF THE PHENOMENON BETWEEN "A" AND "B". THAT IS, SCHEMATICALLY SHOW WHETHER THE MOVEMENT APPEARED TO BE STRAIGHT, CURVED OR ZIG-ZAG. REFER TO SMALLER SKETCH AS AN EXAMPLE OF HOW TO COMPLETE THE LARGER SKETCH.



3. WHERE WERE YOU WHEN YOU SAW THE PHENOMENON? (Check appropriate blocks.)			
☒ OUTDOORS			IN BUSINESS SECTION OF CITY
☐ IN BUILDING			IN RESIDENTIAL SECTION OF CITY
☐ IN CAR ☐ AS DRIVER ☐ AS PASSENGER			IN OPEN COUNTRYSIDE
☐ IN BOAT			NEAR AIRFIELD
☐ IN AIRPLANE ☐ AS PILOT ☐ AS PASSENGER			FLYING OVER CITY
☐ OTHER			FLYING OVER OPEN COUNTRY
		☒ OTHER	<i>Hospital in the country</i>

A. IF YOU WERE IN A VEHICLE, COMPLETE THE FOLLOWING:

WHAT DIRECTION WERE YOU MOVING?		HOW FAST WERE YOU MOVING?
☐ NORTH	☐ EAST	DID YOU STOP ANYTIME WHILE OBSERVING THE PHENOMENON? ☐ YES ☐ NO
☐ SOUTH	☐ WEST	
☐ NORTHEAST	☐ SOUTHEAST	
☐ NORTHWEST	☐ SOUTHWEST	

EXPLAIN WHETHER SUCH MOVEMENT AFFECTS YOUR SKETCHES IN ITEMS 5 AND 6.

DESCRIBE TYPE OF VEHICLE YOU WERE IN AND TYPE OF ROAD, TERRAIN OR BODY OF WATER YOU TRAVERSED DURING THE SIGHTING. STATE WHETHER WINDOWS OR CONVERTIBLE TOP WERE UP OR DOWN.

HOW MUCH OTHER TRAFFIC WAS THERE?

DID YOU NOTICE ANY AIRPLANES? ☐ YES ☐ NO. IF "YES," DESCRIBE WHEN THEY WERE IN SIGHT RELATIVE TO THE TIME OF SIGHTING THE PHENOMENON AND WHERE THEY WERE IN THE SKY RELATIVE TO THE POSITION OF THE PHENOMENON.

9. HOW LONG WAS THE PHENOMENON IN SIGHT?

LENGTH OF TIME	CERTAIN OF TIME	NOT VERY SURE
<i>1/2 min - 1 min</i>	☒ FAIRLY CERTAIN	☐ JUST A GUESS

HOW WAS TIME DETERMINED? *by a clock*

WAS THE PHENOMENON IN SIGHT CONTINUOUSLY? ☐ YES ☒ NO. IF "NO," INDICATE WHETHER THIS IS DUE TO YOUR MOVEMENT OR THE BEHAVIOR OF THE PHENOMENON, AND DESCRIBE SUCH MOVEMENT OR BEHAVIOR. INDICATE DISAPPEARANCES ON PREVIOUS SKETCHES.

Due to the behaviour of the phenomenon. Moved in a straight path + headed behind the hills.

10. IF THERE WERE MORE THAN ONE PHENOMENON, HOW MANY WERE THERE? DRAW A PICTURE TO SHOW HOW THEY WERE ARRANGED. DID THIS ARRANGEMENT CHANGE DURING THE SIGHTING?

There was only one phenomenon

11. CONDITIONS (Check appropriate blocks.)

A. SKY		B. WEATHER	
☐ DAY		☐ CUMULUS CLOUDS (Low fluffy)	☐ FOG OR MIST
☐ TWILIGHT		☐ CIRRUS CLOUDS (High fleecy or Herring-bone)	☐ HEAVY RAIN
☒ NIGHT			☐ LIGHT RAIN OR DRIZZLE
☒ CLEAR		☐ NIMBUS CLOUDS (Rain)	☐ HAIL
☐ PARTLY CLOUDY		☐ CUMULONIMBUS CLOUDS (Thunderstorms)	☐ SNOW OR SLEET
☐ COMPLETELY OVERCAST			☐ UNKNOWN
		☐ HAZE OR SMOG	☒ NONE OF THE ABOVE

C. IF THE SIGHTING WAS AT TWILIGHT OR NIGHT, WHAT DID YOU NOTICE ABOUT THE STARS AND MOON?

(1) STARS	(2) MOON
☐ NONE	☐ BRIGHT MOONLIGHT
☐ A FEW	☐ MOON WITH HALO
☒ MANY	☐ MOON HIDDEN BY CLOUDS
☐ UNKNOWN	☐ PARTIAL (New or quarter)

D. IF SIGHTING WAS IN DAYLIGHT, WAS THE SUN VISIBLE? ☐ YES ☐ NO. IF "YES," WHERE WAS THE SUN AS YOU FACED THE PHENOMENON?

☐ IN FRONT OF YOU	☐ TO YOUR RIGHT	☐ OVERHEAD (Near noon)
☐ IN BACK OF YOU	☐ TO YOUR LEFT	☐ UNKNOWN

E. SPECIFY THE MAJOR SOURCE OF ILLUMINATION PRESENT DURING THE SIGHTING, SUCH AS THE SUN, HEADLIGHTS OR STREET LAMP, ETC. FOR TERRESTRIAL ILLUMINATION, SPECIFY DISTANCE TO LIGHT SOURCE.

12. GIVE A BRIEF DESCRIPTION OF THE PHENOMENON, INDICATING WHETHER IT APPEARED DARK OR LIGHT, WHETHER IT REFLECTED LIGHT OR WAS SELF-LUMINOUS AND WHAT COLORS YOU NOTICED. DESCRIBE YOUR IMPRESSION OF WHETHER IT WAS SOLID OR TRANSPARENT, WHETHER EDGES WERE SHARP OR FUZZY. DESCRIBE THE SHAPE OR INDICATE IF IT APPEARED AS A POINT OF LIGHT. INDICATE COMPARISONS WITH OTHER OBSERVED OBJECTS, LIKE STARS, A LIGHT OR OTHER OBJECT IN YOUR FIELD OF VIEW.

The phenomenon was light + appeared to be self-luminous. It seemed a white color. Seemed to be solid. Was sort of fuzzy. Didn't appear to be from another light source. Looked like a falling star.

13.	DID THE PHENOMENON	YES	NO	UNKNOWN
	MOVE IN A STRAIGHT LINE?	☒	☐	☐
	STAND STILL AT ANY TIME?	☐	☒	☐
	SUDDENLY SPEED UP AND RUN AWAY?	☐	☒	☐
	BREAK UP IN PARTS AND EXPLODE?	☐	☒	☐
	CHANGE COLOR?	☐	☒	☐
	GIVE OFF SMOKE?	☐	☒	☐
	CHANGE BRIGHTNESS?	☐	☒	☐
	CHANGE SHAPE?	☐	☒	☐
	FLASH OR FLICKER?	☐	☒	☐
	DISAPPEAR AND REAPPEAR?	☐	☒	☐
	SPIN LIKE A TOP?	☐	☒	☐
	MAKE A NOISE?	☐	☒	☐
	FLUTTER OR WOBBLE?	☐	☒	☐

14. WHAT DREW YOUR ATTENTION TO THE PHENOMENON?

When my telescope got out of its correct setting I sighted it, first through the telescope and then through my eyes without the aid of any thing.

A. HOW DID IT FINALLY DISAPPEAR?

Went behind the hills.

B. DID THE PHENOMENON MOVE BEHIND OR IN FRONT OF SOMETHING, LIKE A CLOUD, TREE, OR BUILDING AT ANY TIME?
☒ YES ☐ NO. IF "YES," DESCRIBE.

Flew in a straight path right behind the ~~hills~~ hills. That was the last I saw of it.

15. DRAW A PICTURE THAT WILL SHOW THE SHAPE OF THE PHENOMENON. INCLUDE AND LABEL ANY DETAILS THAT MIGHT HAVE APPEARED AS WINGS OR PROTRUSIONS, AND INDICATE EXHAUST OR VAPOR TRAILS. INDICATE BY AN ARROW THE DIRECTION THE PHENOMENON WAS MOVING.



As if it
were a falling
star.

16. WHAT WAS THE ANGULAR SIZE? HOLD A MATCH AT ARM'S LENGTH IN FRONT OF A KNOWN OBJECT, SUCH AS A STREET LAMP OR THE MOON. NOTE HOW MUCH OF THE OBJECT IS COVERED BY THE HEAD OF THE MATCH. NOW IF YOU HAD BEEN ABLE TO PERFORM THIS EXPERIMENT AT THE TIME OF THE SIGHTING, ESTIMATE WHAT FRACTION OF THE PHENOMENON WOULD HAVE BEEN COVERED BY THE MATCH HEAD.

It was about as
big as a head
of a pin from
where I saw it.

17. DID YOU OBSERVE THE PHENOMENON THROUGH ANY OF THE FOLLOWING? INCLUDE INFORMATION ON MODEL, TYPE, FILTER, LENS PRESCRIPTION OR OTHER APPLICABLE DATA.	
EYEGLASSES	CAMERA VIEWER
SUNGLASSES	BINOCULARS
WINDSHIELD	☒ TELESCOPE <i>10x50 G-F</i>
SIDE WINDOW OF VEHICLE	THEODOLITE
WINDOWPANE	OTHER
A. DO YOU ORDINARILY WEAR GLASSES? ☒ YES ☐ NO	B. DO YOU USE READING GLASSES? ☐ YES ☒ NO
18. WHAT WAS YOUR IMPRESSION OF THE SPEED OF THE PHENOMENON? GIVE ESTIMATE OF SPEED <i>500 mph.</i>	19. WHAT WAS YOUR IMPRESSION OF THE DISTANCE OF THE PHENOMENON? GIVE ESTIMATE OF DISTANCE <i>100,000 ft.</i>
20. IN ORDER THAT WE MAY OBTAIN AS CLEAR A PICTURE AS POSSIBLE OF WHAT YOU SAW, DESCRIBE IN YOUR OWN WORDS A COMMON OBJECT OR OBJECTS WHICH, WHEN PLACED IN THE SKY, SIMILAR TO WHERE YOU NOTED THE PHENOMENON, WOULD BEAR SOME RESEMBLANCE TO WHAT YOU SAW. DESCRIBE SIMILARITIES AND DIFFERENCES BETWEEN THE COMMON OBJECT AND WHAT YOU SAW. <i>It's like looking at a star only the star is falling.</i>	
21. DID YOU NOTICE ANY ODOR, NOISE, OR HEAT EMANATING FROM THE PHENOMENON OR ANY EFFECT ON YOURSELF, ANIMALS OR MACHINERY IN THE VICINITY? ☐ YES ☒ NO. IF "YES," DESCRIBE.	
A. DID THE PHENOMENON DISTURB THE GROUND OR LEAVE ANY PHYSICAL EVIDENCE. ☐ YES ☒ NO. IF "YES," DESCRIBE.	

ADPT (UFO)

29 SEP 1969

UFO Sighting, 26 August 1969


Edwards AFB, California 93523

1. Reference your UFO sighting of 26 August 1969. The stimulus for your sighting has been identified as probably the decay of Cosmos 294 rocket body. The rocket body entered the earth's atmosphere at 8:54 p.m. PDT +7 minutes and had an end point at 25.2 degrees north latitude, 111.8 degrees west longitude.

2. Thank you for your cooperation and interest in reporting your sighting to the Air Force.

HECTOR QUINTANILLA, Jr, Lt Colonel, USAF
Chief, Aerial Phenomena Office
Aerospace Technologies Division
Production Directorate

22. HAVE YOU EVER SEEN THIS OR A SIMILAR PHENOMENON BEFORE? ☐ YES ☒ NO. IF "YES," GIVE DATE AND LOCATION.

23. WAS ANYONE WITH YOU AT THE TIME YOU SAW THE PHENOMENON? ☒ YES ☐ NO. IF "YES," DID THEY SEE IT TOO?
☐ YES ☐ NO.

A. LIST THEIR NAMES AND ADDRESSES

[REDACTED] *Danville Ca. 94526*

[REDACTED]

[REDACTED] *Danville Ca. 94526*

24. GIVE THE FOLLOWING INFORMATION ABOUT YOURSELF

LAST NAME, FIRST NAME, MIDDLE NAME *[REDACTED]*

ADDRESS (Street, City, State and Zip Code) *[REDACTED] Danville Ca. 94526*

TELEPHONE (Area code and number) *[REDACTED]* AGE *15* ☐ MALE ☒ FEMALE

INDICATE ADDITIONAL INFORMATION INCLUDING OCCUPATION AND ANY EXPERIENCE WHICH MAY BE PERTINENT.

I go to school.

25. WHEN AND TO WHOM DID YOU REPORT THAT YOU HAD SIGHTED THIS PHENOMENON?

NAME *AASA (referred me to you)* DAY *28* MONTH *August* YEAR *1969*

26. DATE YOU COMPLETED THIS QUESTIONNAIRE.

DAY *27* MONTH *September* YEAR *1969*

We saw it on the
same night that the
Minuteman II missile
was launched. First
the ~~the~~ Min. II had
gone by. I saw it
about 5 minutes later,
we also saw the
phenomenon. Perhaps
there is a connection?

Thank you for
the form.

d

7/15/67

Dear Sir:

in physics to the fact that
it is not a simple matter to

[REDACTED]

P.S. It is possible that you
also read on some books etc,
etc. on the fact. We are having
discussions on them in
physics. Thanks. My
physics teacher thanks you,
too.

P.P.S. Here is an addition to the
information I gave you in
the Rio Grande Valley.

[REDACTED]

[REDACTED]

26 Aug 6

2048 PL

FLIGHT CREW MEMBER REPORT FORM

for

SATELLITE RE-ENTRY, BRIGHT FIREBALL, OR OTHER ATMOSPHERIC PHENOMENA

in conjunction with

Smithsonian Astrophysical Observatory's Re-Entry and Recovery Program

UNITED AIR LINES

1. Flight _____ 2. Date 8-27-69 GMT 3. Time 0345 GMT
Please indicate whether date and time are local or Greenwich mean time

4. Location (DME and radial reading from a VOR or longitude and latitude)

15 N.W. HARTMAN PARAGLASSIC VOR CALIF.5. Plane heading magnetic 325° 6. Altitude 25,000 FT.

7. All crew names and addresses witnessing event (please print) _____

C/ RAY LAHR - LAXFO8. Estimate degrees right or left of plane heading and elevation (in degrees) above horizon of object when first sighted 10° RIGHT 15° ELEV.9. Estimate degrees right or left of plane heading and elevation (in degrees) above horizon of object when last sighted 120° RIGHT 25° ELEV.10. Apparent brightness: A. Too bright to look at _____
B. As bright as full moon _____
C. As bright as Venus SEE REVERSE11. Total time object was in sight 90 SECONDS12. Was this a predicted satellite re-entry? ☒ yes ☐ noFor description of break-up, color noted or other related information, please use reverse side. OVER!Date 8/28/69CAPTAIN H. R. LAHR - LAXFO

Signature

All reports received will be considered CONFIDENTIAL by the research agencies involved with the VFOR project.

H. R. LAHR - LAXFO

2047 P.

1357

FLIGHT CREW MEMBER REPORT FORM

for Lat. 123° 05' N
Long. 37° 03' W

SATELLITE RE-ENTRY, BRIGHT FLAREBALL, OR OTHER ATMOSPHERIC PHENOMENA

in conjunction with
Smithsonian Astrophysical Observatory's Re-Entry and Recovery Program

From AMERICAN WORLD AIRLINE

8-27-67 0347 E

1. Airline/Flight GRAND 2. Date 8-27-67 LAT 3. Time 2047 GMT
Please indicate whether date and time are local or Greenwich mean time.

4. Location (longitude/latitude, or DME and radial reading from a VOR only)

37 miles S. of SFO

5. Plane heading magnetic 000 6. Altitude GROUND

7. All crew names and addresses witnessing event (please print)

c/

8. Estimate degrees right or left of plane heading and elevation (in degrees) above horizon of object when first sighted SEE REVERSE

9. Estimate degrees right or left of plane heading and elevation (in degrees) above horizon of object when last sighted SEE REVERSE

10. Apparent brightness: A. Too bright to look at
B. As bright as full moon
C. As bright as Venus SEE REVERSE

11. Total time object was in sight SEVERAL MINUTES

12. Was this a predicted satellite re-entry? ☒ yes ☐ no

For description of break-up, color noted or other related information, please use reverse side.

Date 8/27/67

H. E. Roth
RECEIVED AIR TELETYPE UNIT DIRECT
Signature

All reports received will be considered CONFIDENTIAL by the research agencies involved with the Vela program.

U. S. Air Force
Headquarters, Air Force Research and Development
Ch. 10 and Air Force Flight Training Center

THE RE-ENTRY WAS MOVING FROM NNW
TO SSE AT ABOUT 25° TO 30° ABOVE
THE EASTERN HORIZON. IT MOVED ^(WAS SEEN) FROM
THE NNW - STRAIGHT ACROSS THE SKY -
TO THE SSE, MAINTAINING THAT 25° TO 30°
ELEVATION EAST OF THIS OBSERVER'S POSITION.

LY WEATHER MAP



AUGUST 4-10, 1969

This chart is a publication and a... of the principal charts... Weather Bureau publication... They include the... weather map, the 500 millibar... the Highest and Lowest Temperatures Chart, and the Daily Precipitation... All of the charts for one day are... on a single page of this publication. They are copied from operational weather maps prepared by the... Meteorological Center, weather... The symbols used on the... Weather Map and the 500... Chart are the same as those... in the Daily Weather Map... and... may be obtained without... Environmental... Administration, Publications Section, At 143, Rockville, Maryland 20850. Bulk copies may be... from the Superintendent of Documents, Government Printing Office, Washington, D.C. 20402, at a cost of \$0.75 per 50 copies. Checks should

be made payable to the Superintendent of Documents.

The Surface Weather Map presents station data and the analysis for 7:00 a.m./e.s.t. The tracks of well-defined low pressure areas are indicated by chains of arrows; the locations of these centers at times 6, 12, and 18 hours preceding map time are indicated by small black squares enclosing white crosses. Areas of precipitation are indicated by shading. The weather reports that are printed here are only a fraction of those that are included in the operational weather maps, and on which the analyses are based. Occasional apparent discrepancies between the printed station data and the analyses result from those station reports that cannot be included in the published maps because of lack of space.

The 500-Millibar Chart presents the height contours and isotherms of the 500 millibar surface at 7:00 a.m./e.s.t. The height contours are shown as continuous lines, and are labeled in feet

above sea level. The isotherms are shown as dashed lines, and are labeled in degrees Celsius. The arrows show the wind direction and speed at the 500 millibar level.

The Highest and Lowest Temperatures Chart presents the maximum and minimum values for the 24-hour period ending at 1:00 a.m./e.s.t. The names of the reporting points can be obtained from the Surface Weather Map. The maximum temperature is plotted above the station location, and the minimum temperature is plotted below this point.

The Precipitation Areas and Amounts Chart indicates by means of shading the areas that had precipitation during the 24 hours ending at 1:00 a.m. Amounts in inches to the nearest hundredth of an inch are for the same period. Incomplete totals are underlined. "T" indicates a trace of precipitation. Dashed lines show the depth of snow on the ground in inches at 7:00 a.m. of the previous day.

130000

WRIGHT-PATTERSON AFB OH 45433

AFSC-TOPTB

HEADQUARTERS FOREIGN TECHNOLOGY DIV

DEPARTMENT OF THE AIR FORCE

1307-0

MAIL

FIRST CLASS

1307-0

WRIGHT-PATTERSON AFB OH 45433

DAILY WEATHER MAPS

CLASS 13 AUGUST 11-17, 1969

The following publications are a continuation of the principal charts of the Weather Bureau publication, Daily Weather Map. They include the Surface Weather Map, the 500-Millibar Chart, the Highest and Lowest Temperatures Chart, and the Daily Precipitation Chart. All of the charts for one day are arranged on a single page of this publication. They are copied from operational weather maps prepared by the National Meteorological Center, Weather Bureau. The symbols used on the Surface Weather Map and the 500-Millibar Chart are the same as those used on the Daily Weather Map. The Highest and Lowest Temperatures Chart and the Daily Precipitation Chart may be obtained without charge by writing to: Environmental Sciences Services Administration, Publications Section, AD 143, Rockville, Maryland 20852. Bulk copies may be ordered from the Superintendent of Documents, Government Printing Office, Washington, D.C. 20540, at a cost of \$3.75 per 50 copies. Checks should

be made payable to the Superintendent of Documents.

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above sea level. The isotherms are shown as dashed lines, and are labeled in degrees Celsius. The arrows show the wind direction and speed at 500-millibar level.

The Highest and Lowest Temperatures Chart presents the maximum and minimum values for the 24-hour period ending at 1:00 a.m./e.s.t. Names of the reporting points can be obtained from the Surface Weather Map. The maximum temperature plotted above the station location; the minimum temperature is plotted below this point.

The Precipitation Areas and Amounts Chart is shaded by intensity of the areas that had precipitation for the 24 hours ending at 1:00 a.m. Amounts in inches to the nearest hundredth of an inch are for the 24-hour period. Incomplete totals are indicated by a dash. A trace of precipitation is indicated by a dashed line. Dashed lines show the depth of snow on the ground in inches at 7:00 a.m. of the previous day.

1327-0
DEPARTMENT OF THE AIR FORCE
HEADQUARTERS FOREIGN TECHNOLOGY DIV
AFSC-1001R
WRIGHT-PATTERSON AFB OH 45433



MAIL
CLASS 13

WEATHER MAPS

SEP AUGUST 18-24, 1969

charts in this publication are a reproduction of the principal charts Weather Bureau publication, Weather Map. They include the Weather Map, the 500 Millibar Highest and Lowest Temperature Chart, and the Daily Precipitation Chart of the charts for one day are set on a single page of this publication.

They are copied from a copy weather maps prepared by the Meteorological Center, Weather Bureau.

The symbols used on the Weather Map and the 500 Millibar Chart are the same as those shown in *How to Read the Weather Map*. A detailed explanation of the symbols may be obtained by writing to: Environmental Science Services Administration, Inc., 143, Rockville, Md. 20852. Bulk copies may be obtained from the Superintendent of Government Printing, Washington, D.C. 20402, at a cost of \$3 per 50 copies. Checks should

be made payable to the Superintendent of Documents.

The Surface Weather Map presents station data and the analysis for 7:00 a.m./e.s.t. The tracks of well defined low pressure areas are indicated by chains of arrows; the locations of their centers at times 6, 12, and 18 hours preceding map time are indicated by small black squares enclosing white crosses. Areas of precipitation are indicated by shading. The weather reports that are printed here are only a fraction of those that are included in the operational weather maps, and in which the analyses are based. Occasionally, a direct discrepancy between the precipitation data and the analysis result from those station reports that cannot be included in the published maps because of lack of space.

The 500 Millibar Chart presents the height contours and isobars of the 500 millibar surface at 7:00 a.m./e.s.t. The height contours are shown as continuous lines, and are labeled in feet

above sea level. The isobars are shown as dashed lines, and are labeled in degrees Celsius. The arrows show the wind direction and speed at the 500 millibar level.

The Highest and Lowest Temperature Chart presents the maximum and minimum values for the 24-hour period ending at 1:00 a.m./e.s.t. The names of the reporting points can be obtained from the Surface Weather Map. The maximum temperature is plotted above the station location, and the minimum temperature is plotted below this point.

The Precipitation Areas and Amounts Chart indicates by means of shading the areas that had precipitation during the 24 hours ending at 1:00 a.m. Amounts in inches to the nearest hundredth or an inch are for a same period. Incomplete totals are underlined. "T" indicates a trace of precipitation. Dashed lines show the depth of snow on the ground in inches as of 7:00 a.m. of the previous day.

1027-0
DEPARTMENT OF THE AIR FORCE
HEADQUARTERS FOREIGN TECHNOLOGY DIV
AFOSI-TECH
WRIGHT-PATTERSON AFB OH 45433

CLASS 1

SIGHTING OF UNIDENTIFIED PHENOMENA QUESTIONNAIRE

AFR 80-17(C1)

BUDGET BUREAU APPROVAL
NUMBER 21 R155

THIS QUESTIONNAIRE HAS BEEN PREPARED SO THAT YOU CAN GIVE THE U.S. AIR FORCE AS MUCH INFORMATION AS POSSIBLE CONCERNING THE UNIDENTIFIED PHENOMENON THAT YOU HAVE OBSERVED. PLEASE TRY TO ANSWER ALL OF THE QUESTIONS. THE INFORMATION YOU GIVE WILL BE USED FOR RESEARCH PURPOSES. YOUR NAME WILL NOT BE USED IN CONNECTION WITH ANY OF YOUR STATEMENTS OR CONCLUSIONS WITHOUT YOUR PERMISSION. RETURN TO AIR FORCE BASE INVESTIGATOR FOR FORWARDING TO FTD (TDETR), WRIGHT PATTERSON AFB, OHIO 45433, JAN AFR 80-17. (IF ADDITIONAL SHEETS ARE NEEDED FOR NARRATIVE OR SKETCHES ATTACH SECURELY TO THIS FORM OR ANNOTATE WITH YOUR NAME FOR IDENTIFICATION.)

1. WHEN DID YOU SEE THE PHENOMENON?

DAY 26 MONTH AVG YEAR 67

2. WHAT TIME DID YOU FIRST SIGHT THE PHENOMENON?

HOUR 2000 MINUTES 50 ☐ A.M. ☒ P.M.

3. WHAT TIME DID YOU LAST SIGHT THE PHENOMENON?

HOUR 2000 MINUTES 51 ☐ A.M. ☒ P.M.

4. TIME ZONE

☐ DAYLIGHT SAVINGS

☐ STANDARD

☐ EASTERN

☐ CENTRAL

☐ MOUNTAIN

☒ PACIFIC

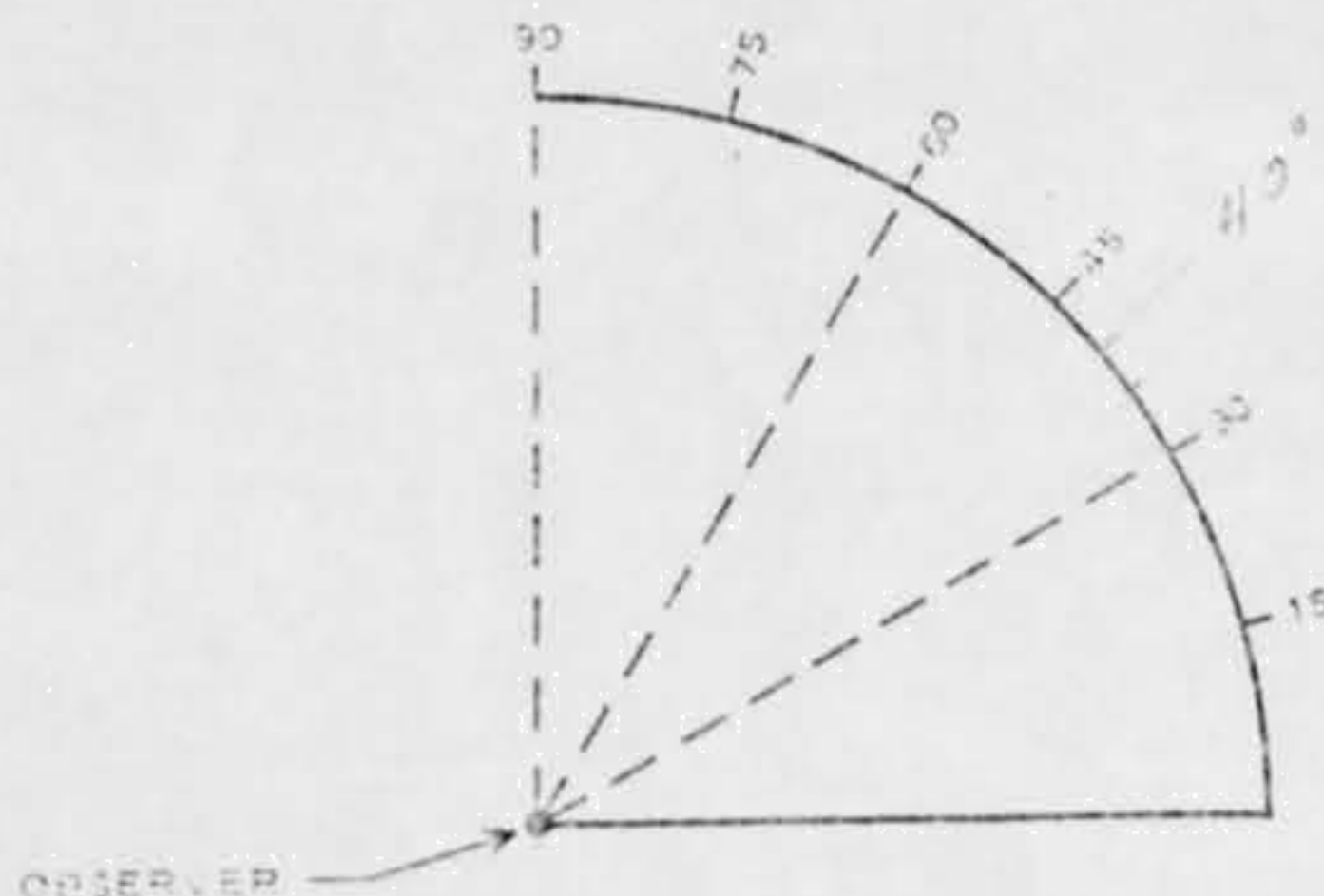
☐ OTHER

5. WHERE WERE YOU WHEN YOU SAW THE PHENOMENON? IF IN CITY, GIVE THE NEAREST STREET ADDRESS AND INDICATE ON A HAND DRAWN MAP WHERE YOU WERE STANDING WITH REFERENCE TO THE ADDRESS. IF IN THE COUNTRY, IDENTIFY THE HIGHWAY YOU WERE ON OR NEAR AND TRY TO FIX A DISTANCE AND DIRECTION FROM SOME RECOGNIZABLE LANDMARK.

6. [REDACTED] EDWARDS AFB CALIF

BACK YARD

6. IMAGINE YOU ARE AT THE POINT SHOWN IN THE SKETCH. PLACE AN "A" ON THE CURVED LINE TO SHOW HOW HIGH THE PHENOMENON WAS ABOVE THE HORIZON OR SKYLINE WHEN FIRST SEEN. PLACE A "B" ON THE SAME CURVED LINE TO SHOW HOW HIGH ABOVE THE HORIZON THE PHENOMENON WAS WHEN LAST SEEN.

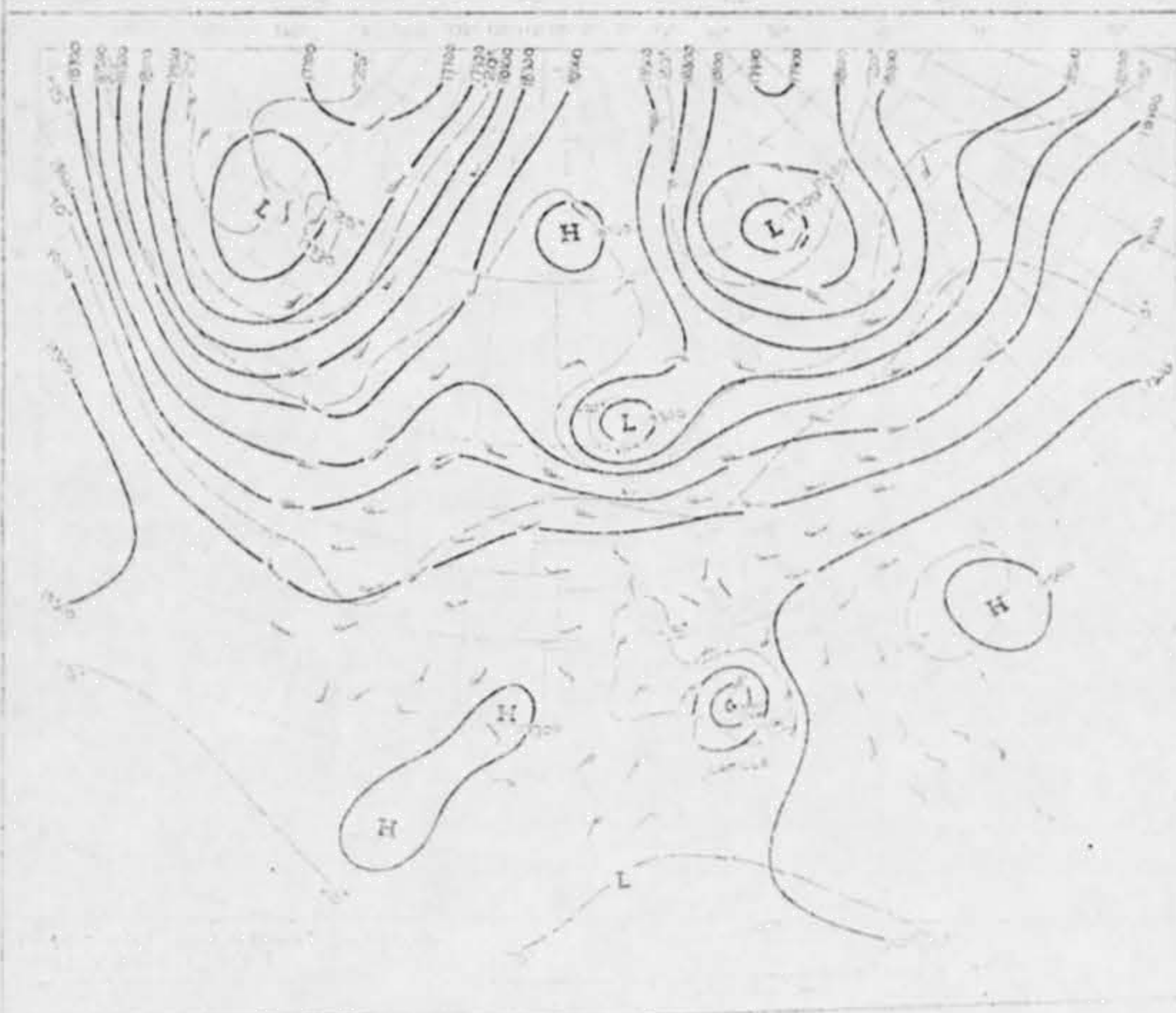
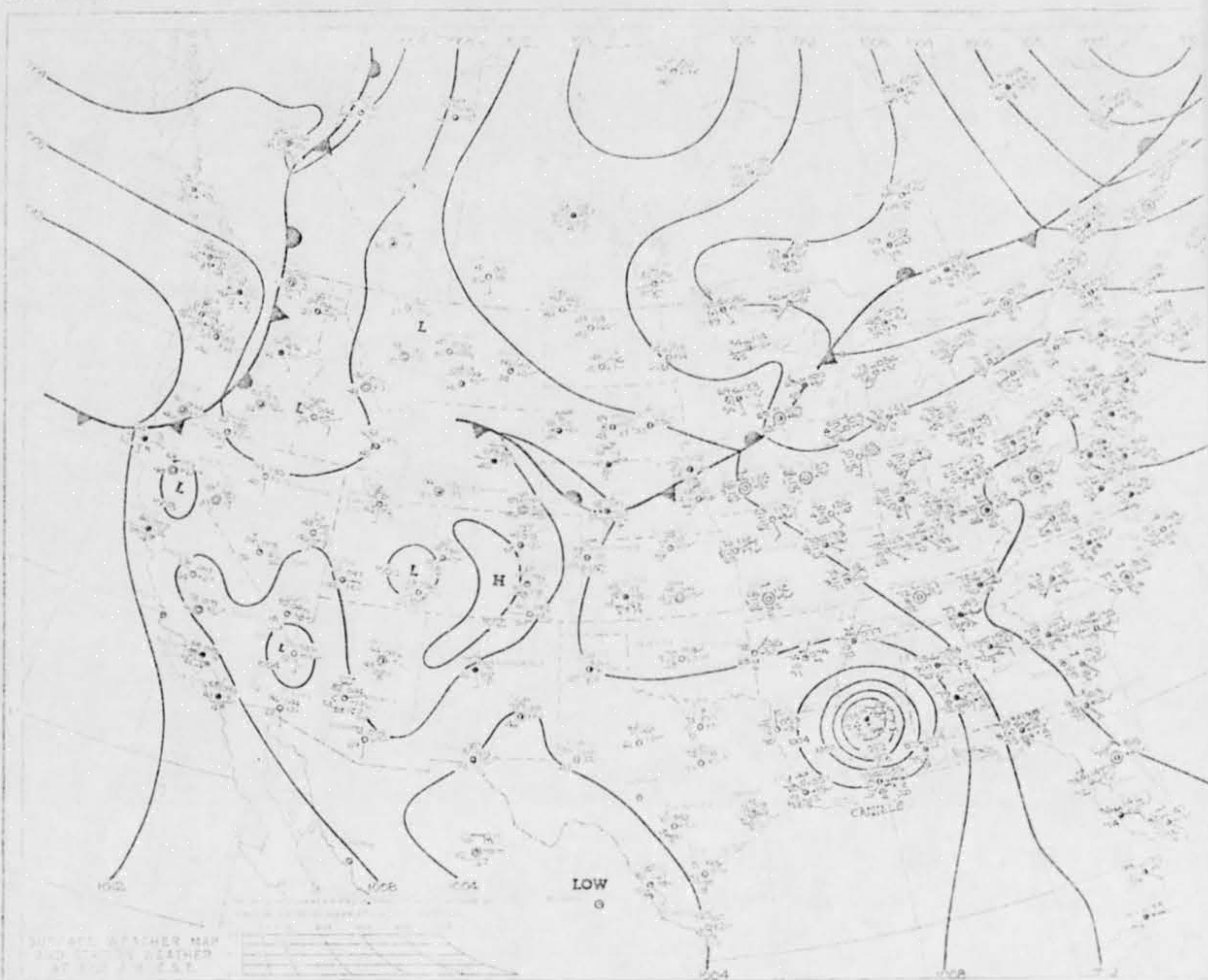


AF FORM 117

7

Attachment 1
(Becomes Attachment 1 to AFR 80-17)

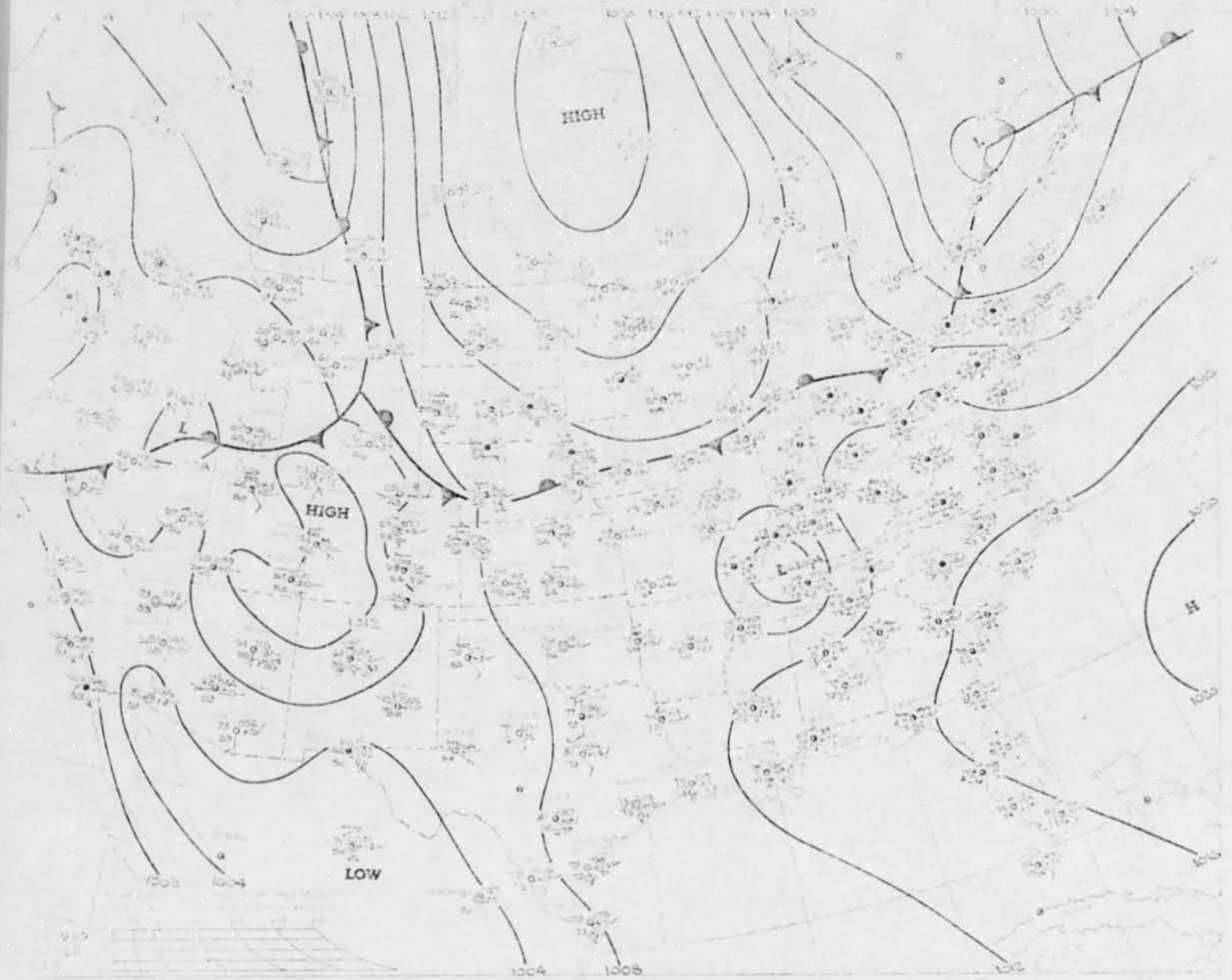
MONDAY, AUGUST 18, 1969



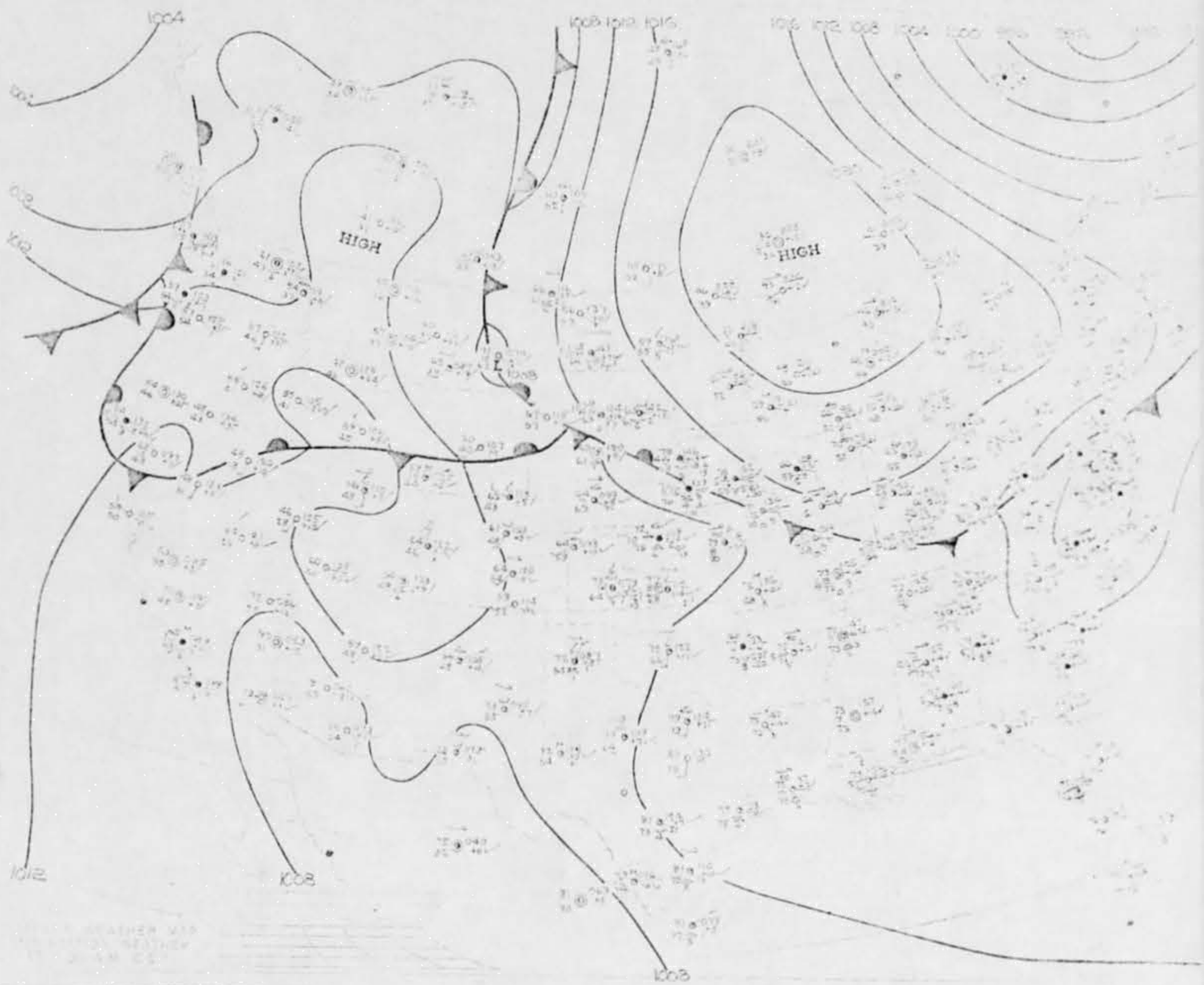
151
JUL 18, 1969



TUESDAY, AUGUST 19, 1969

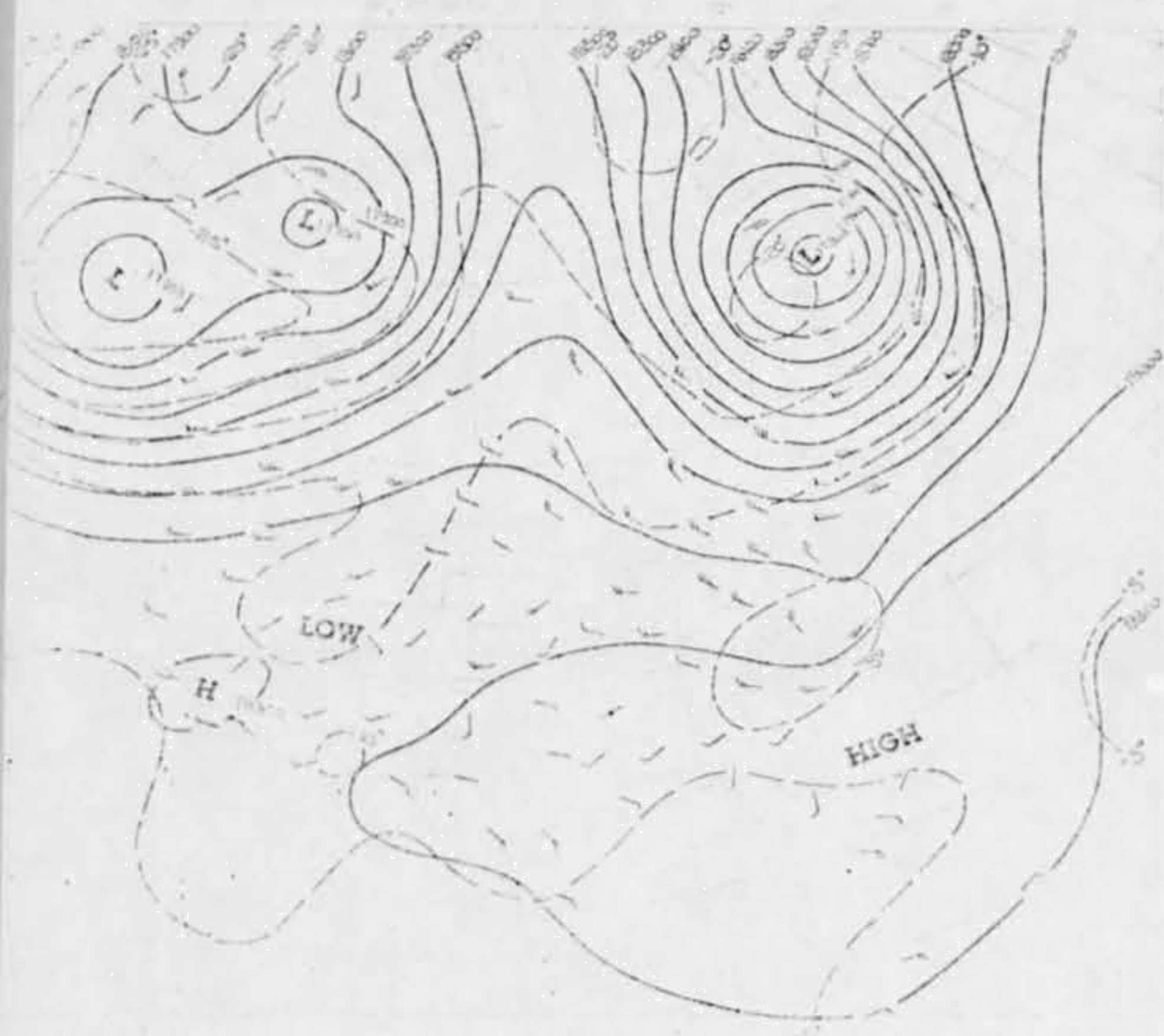
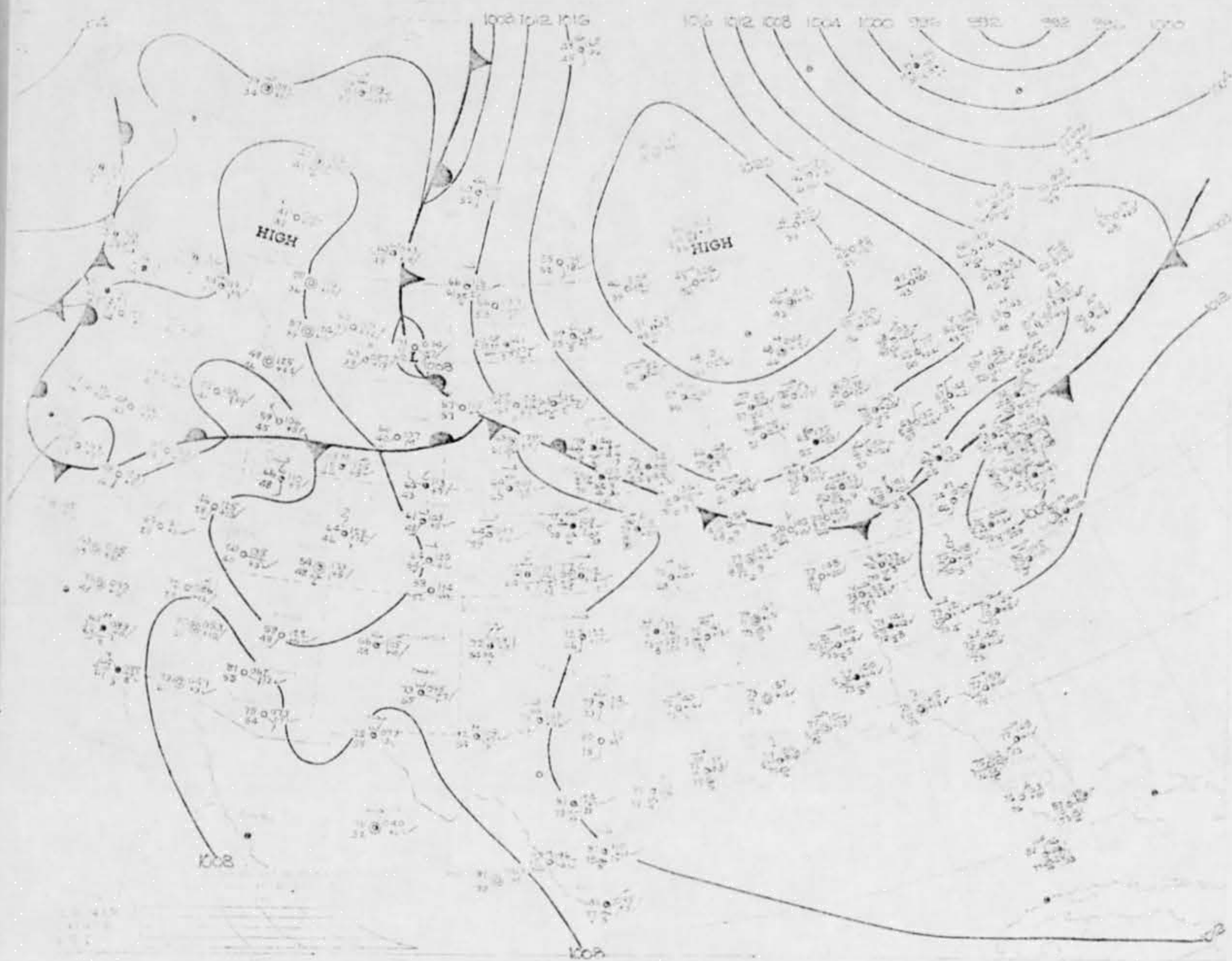


WEDNESDAY, AUGUST 20, 1969

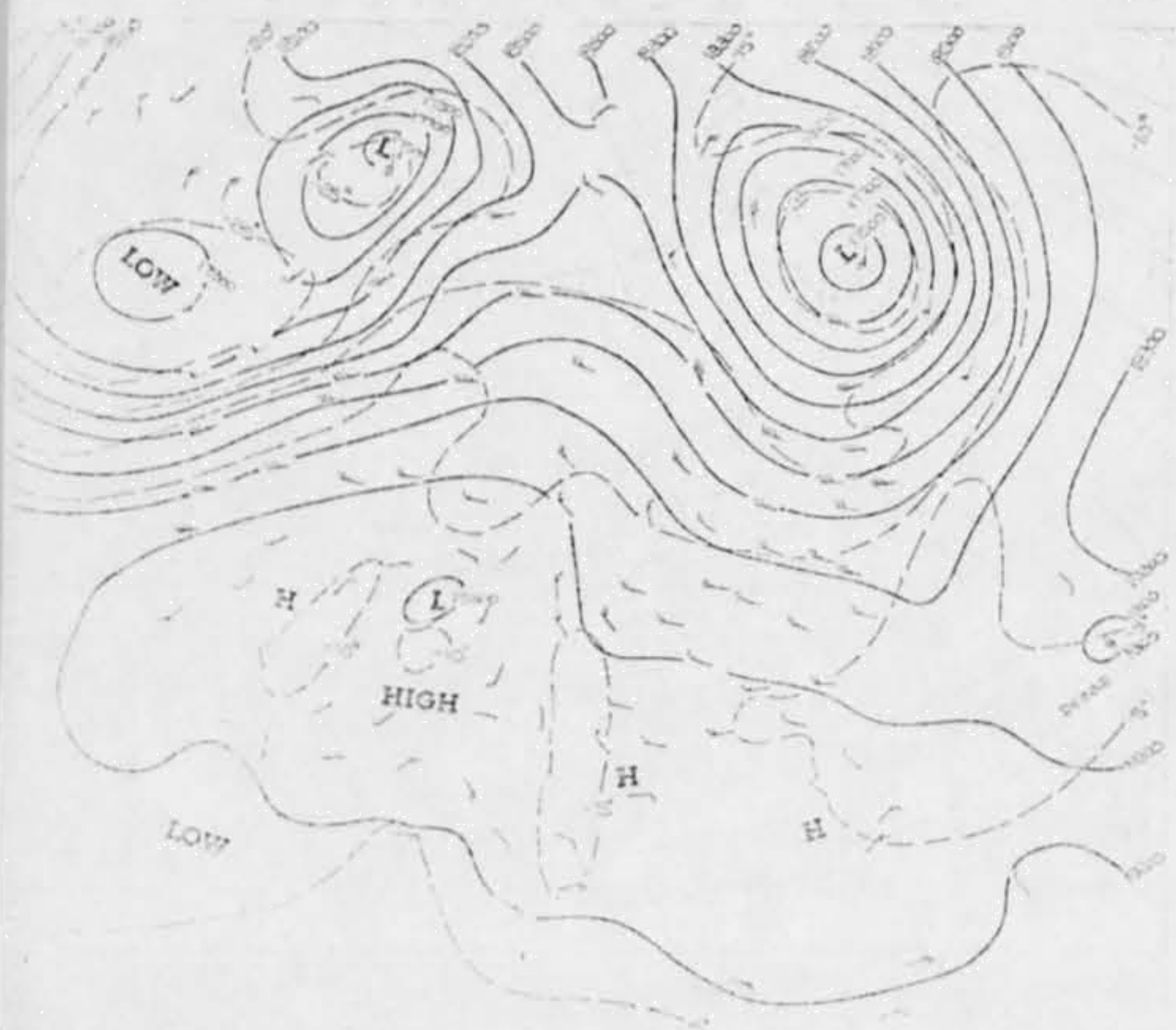
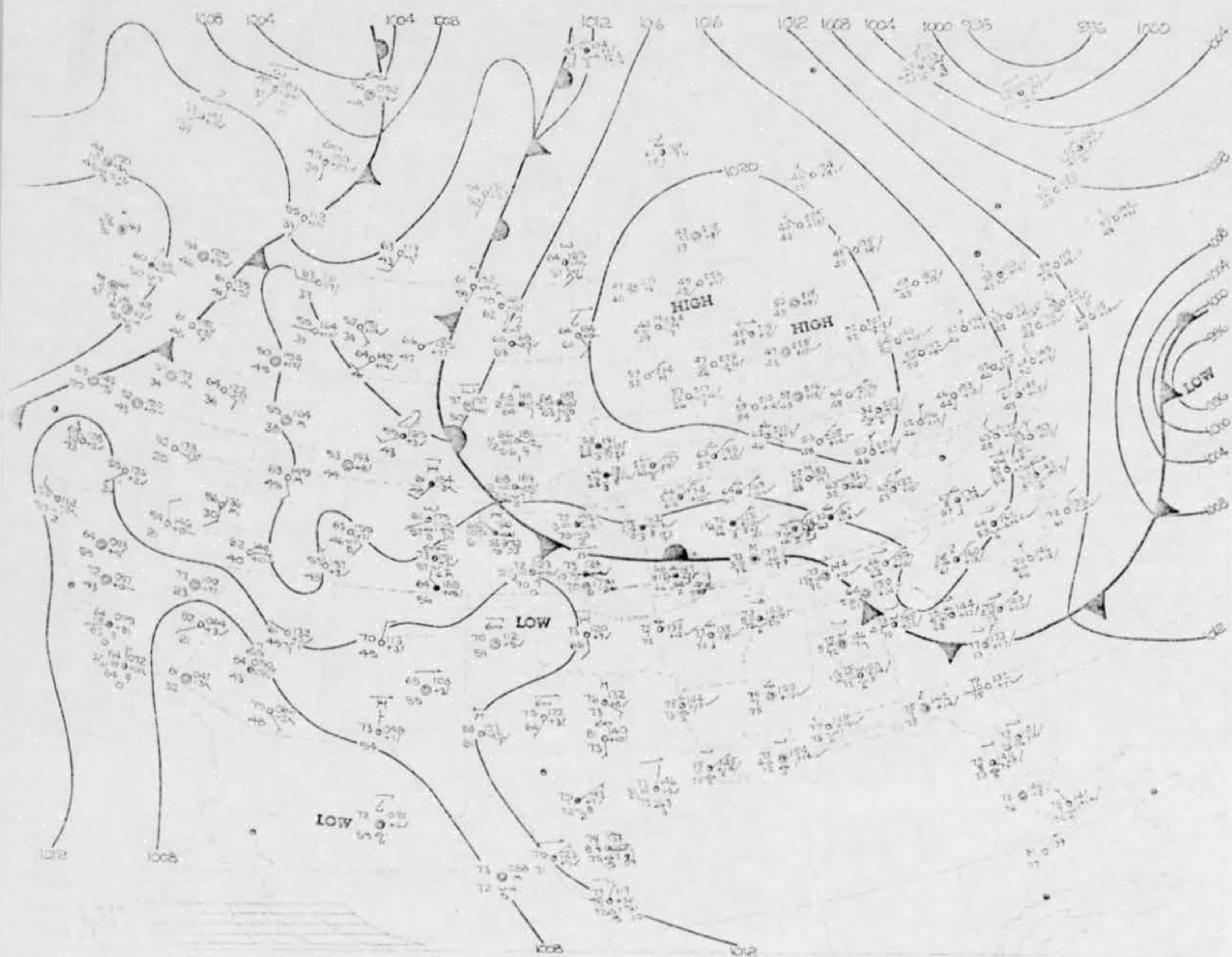


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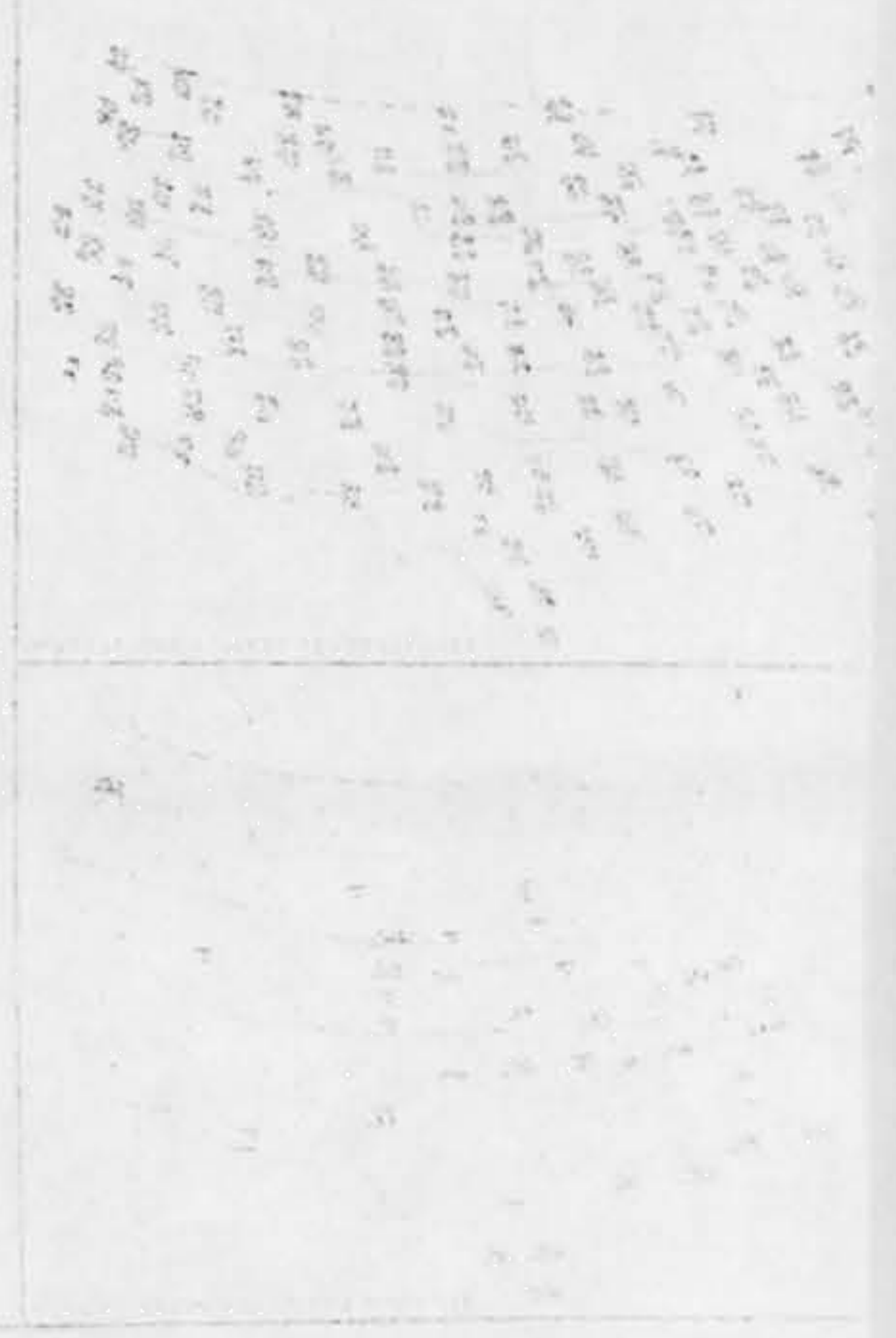
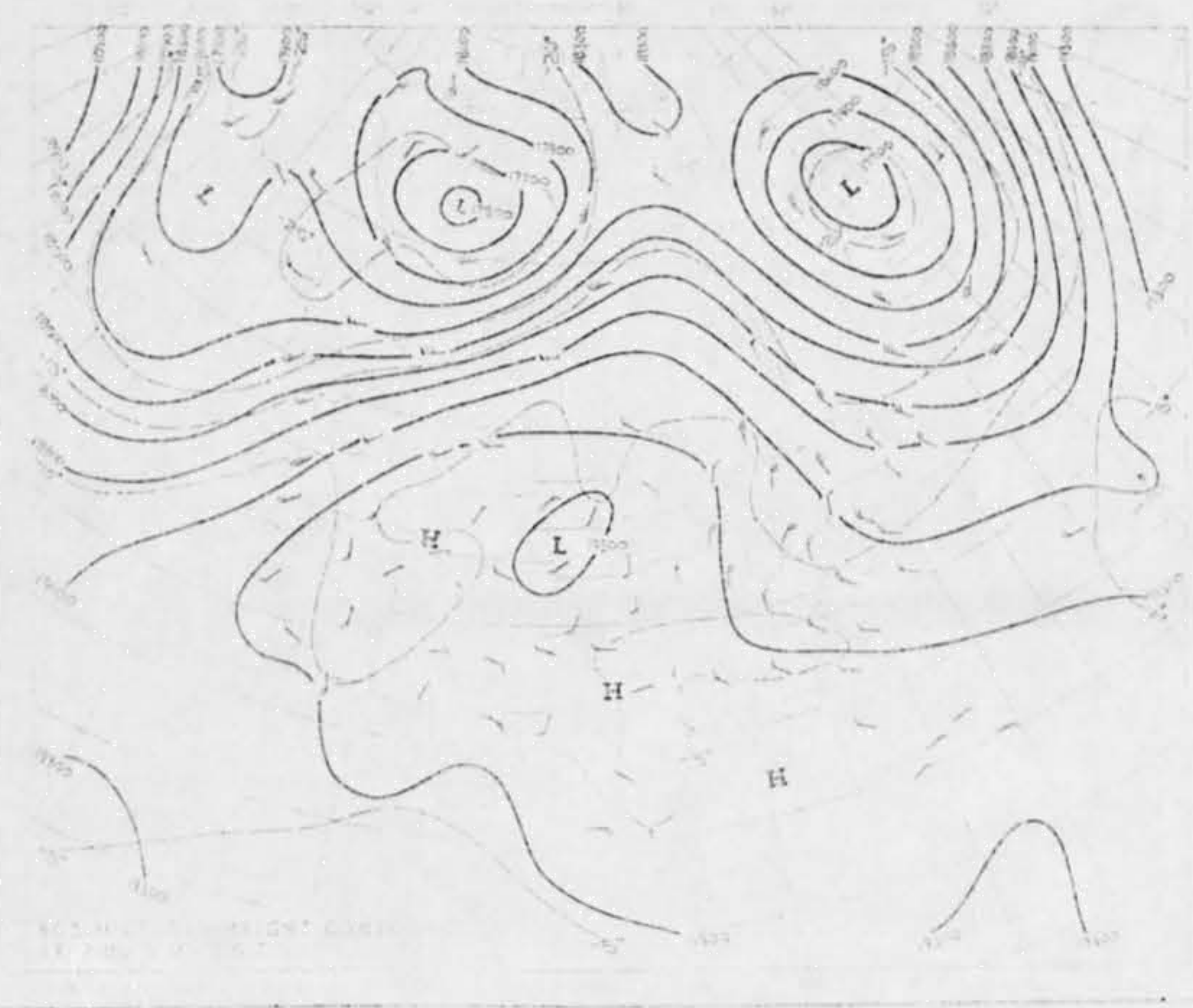
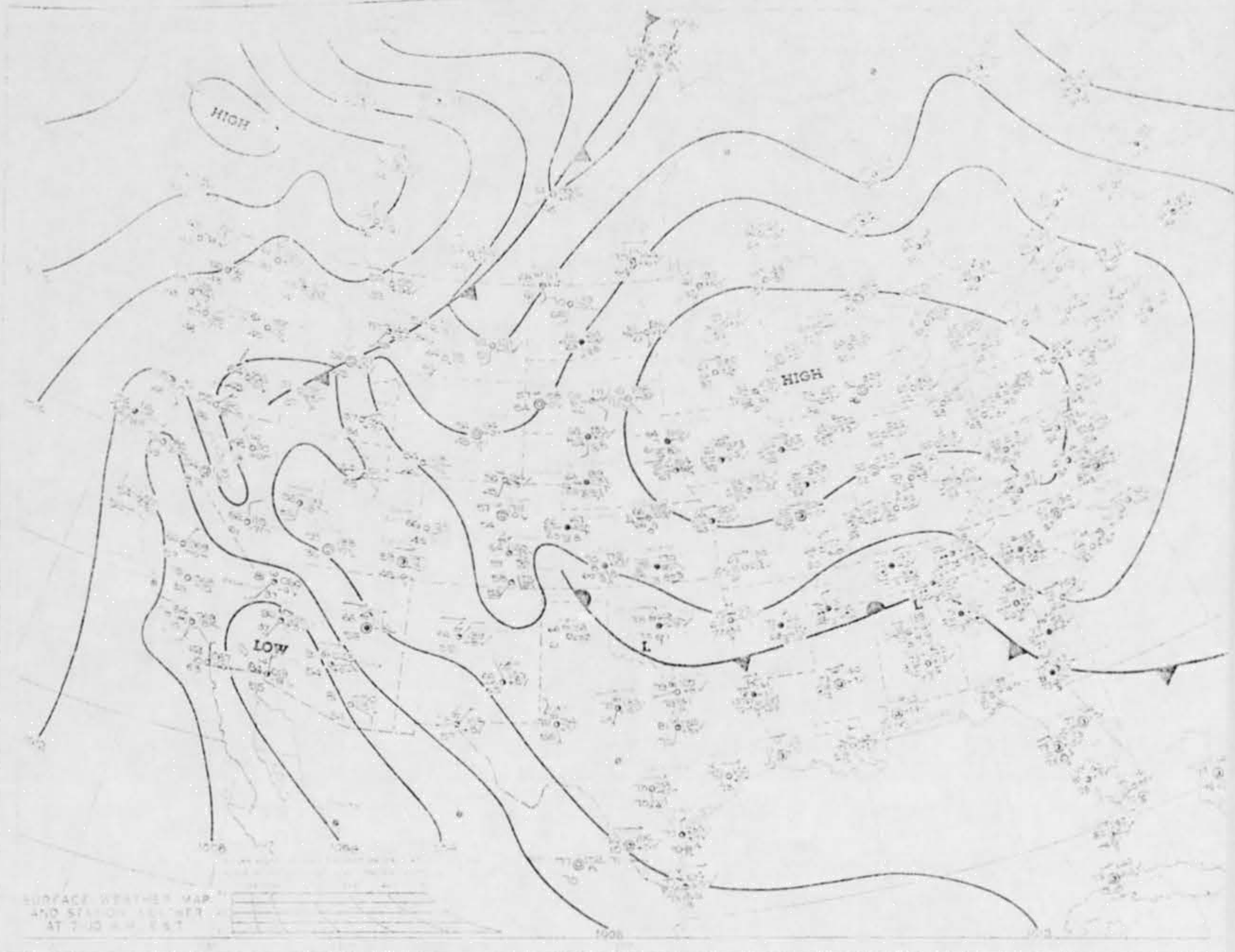
JAN. AUGUST 20, 1969



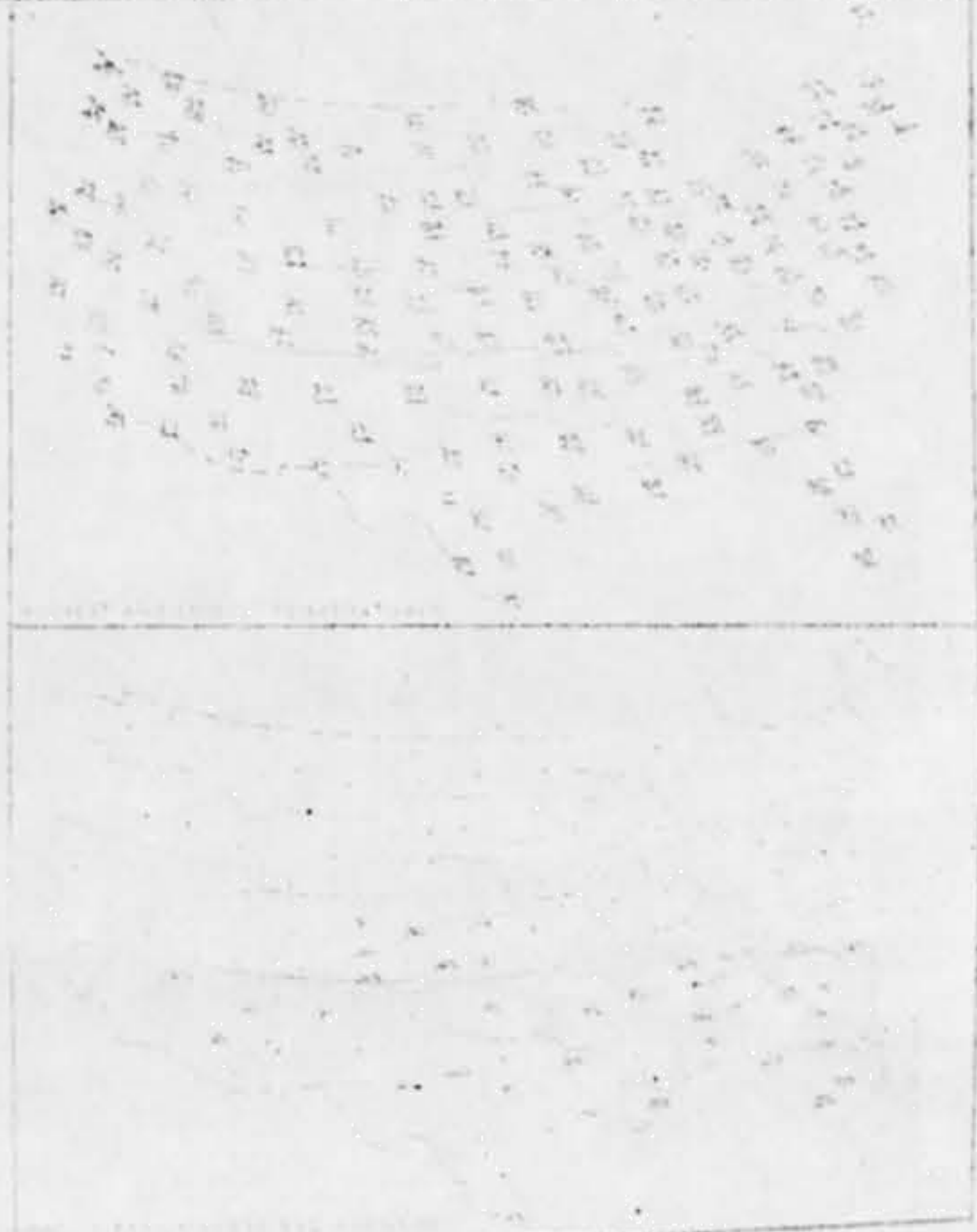
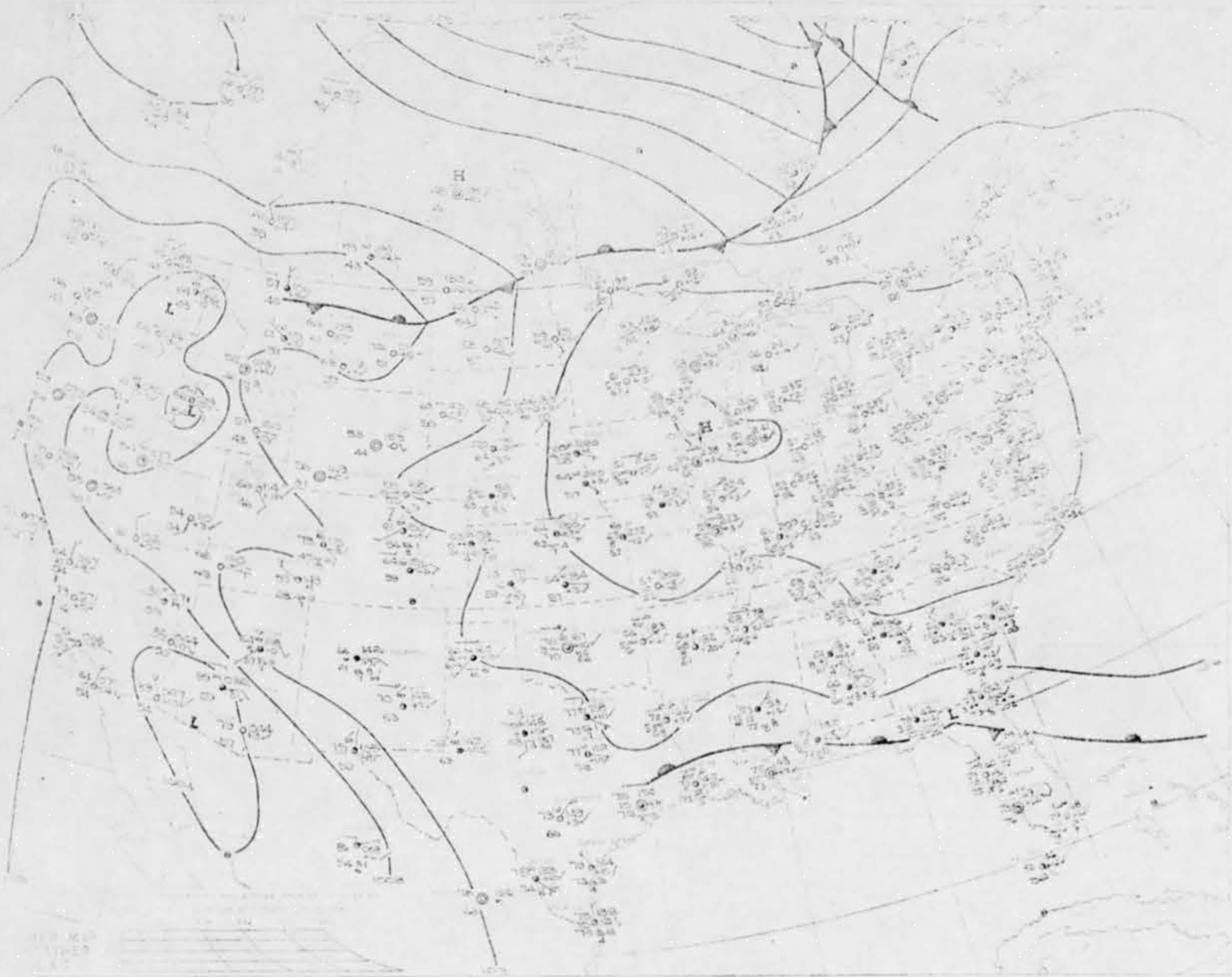
THURSDAY, AUGUST 21, 1969



FRIDAY AUGUST 22, 1969



SATURDAY, AUGUST 23, 1969



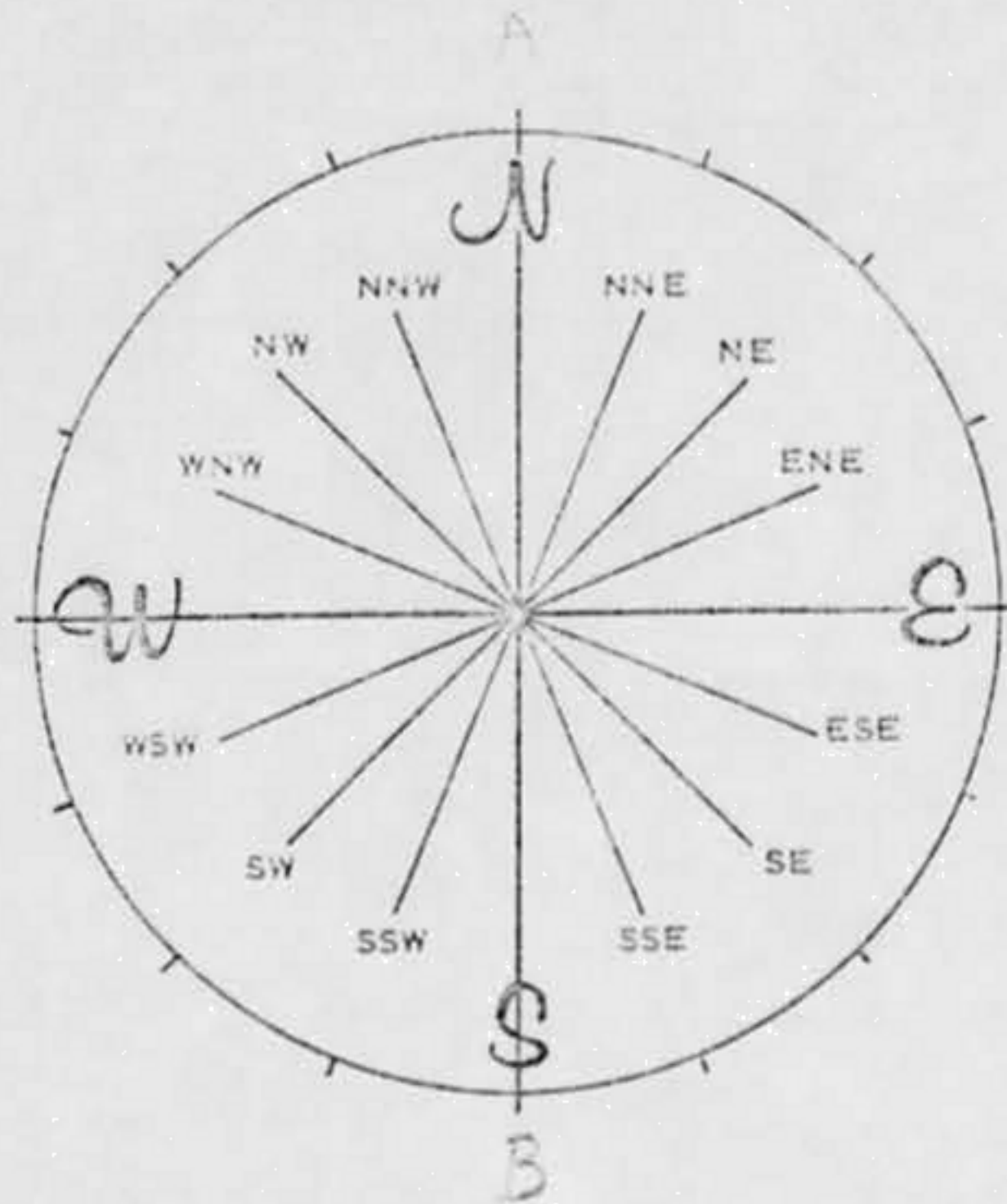
1-30 SEPTEMBER 1969

<u>DATE</u>	<u>LOCATION</u>	<u>OBSERVER</u>	<u>EVALUATION</u>
Sep	Dayton, Ohio	Civilian	Insufficient Data
Sep	Dayton, Ohio	Civilian	Insufficient Data
14	Faircorn, Ohio	Civilian	Insufficient Data
22	Dayton, Ohio	Civilian	Probable Astro (CAPEL)
22	Cleveland, Ohio	Civilian	Probable Aircraft
25	Near Hanksville, Utah	Civilian	Other (MISSILE/ATHENA)
25	St Louis, Missouri	Civilian	Astro (VENUS)
28	East Lake, Ohio	Civilian	Probable Satellite

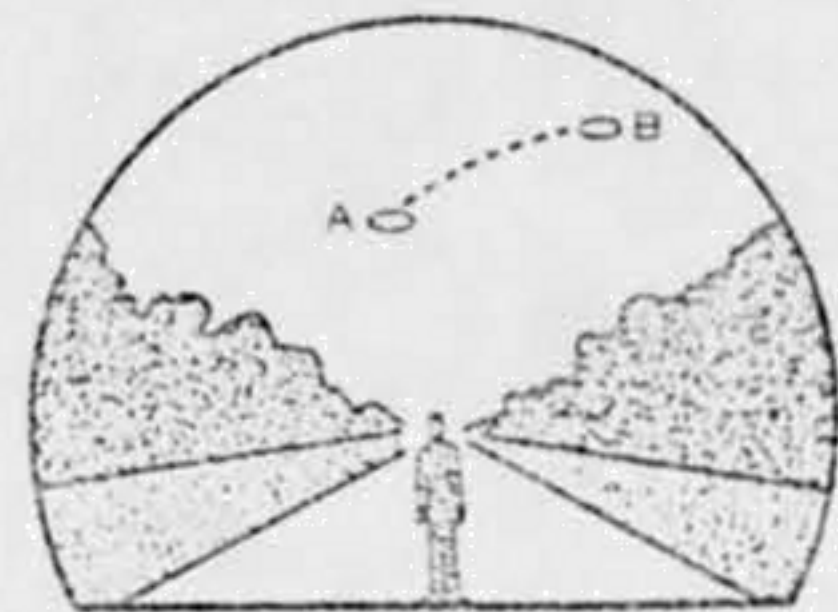
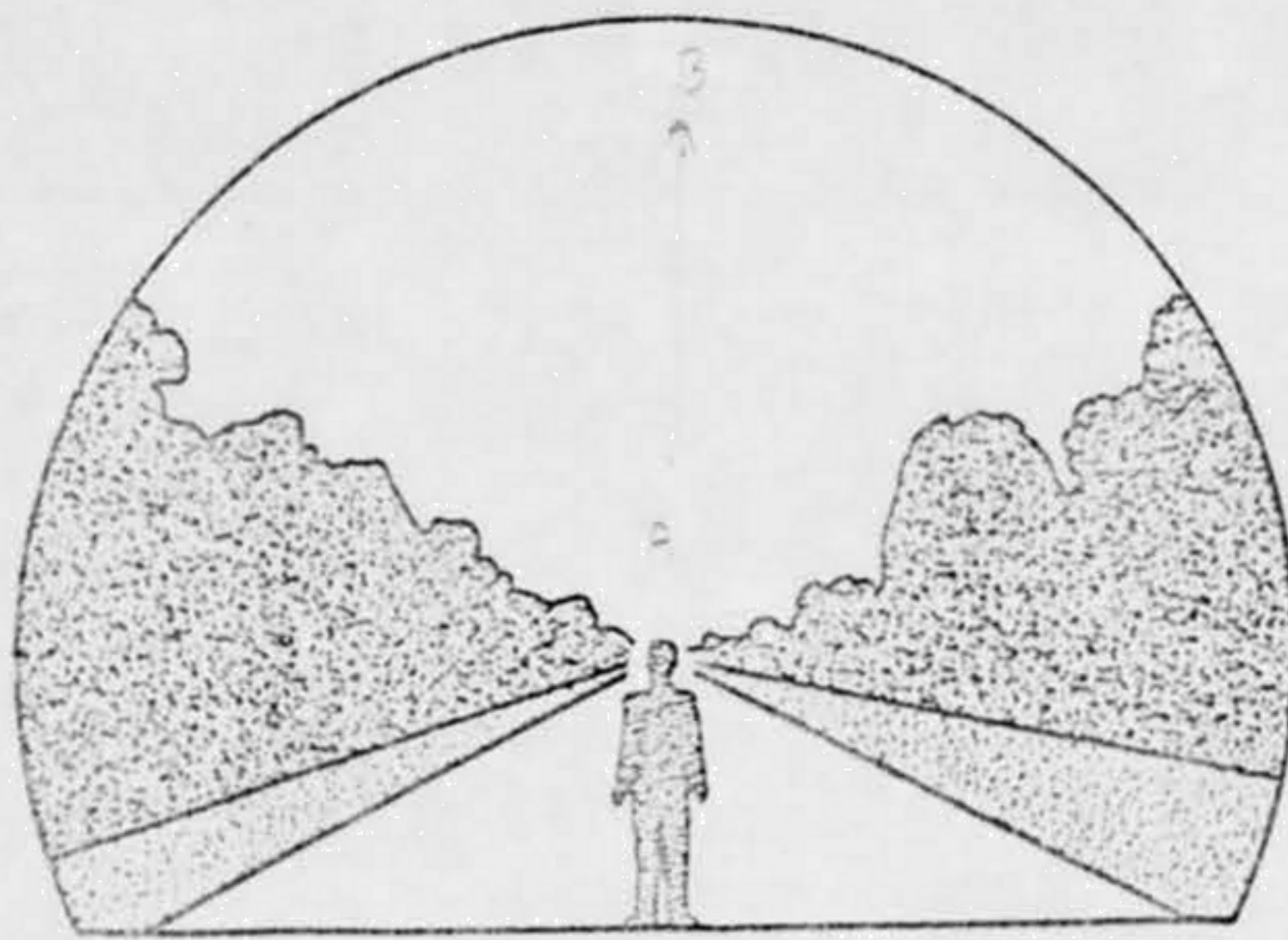
ADDITIONAL REPORTED SIGHTINGS (NOT CASES)

<u>DATE</u>	<u>LOCATION</u>	<u>SOURCE</u>	<u>EVALUATION</u>
30	Alfred, New York	Memo	

6A. NOW IMAGINE YOU ARE AT THE CENTER OF THE COMPASS ROSE. PLACE AN "A" ON THE COMPASS TO INDICATE THE DIRECTION TO THE PHENOMENON WHEN FIRST SEEN. PLACE A "B" ON THE COMPASS TO INDICATE THE DIRECTION TO THE PHENOMENON WHEN LAST SEEN.



7. IN THE SKETCH BELOW, PLACE AN "A" AT THE POSITION OF THE PHENOMENON WHEN FIRST SEEN, AND A "B" AT THE POSITION OF THE PHENOMENON WHEN LAST SEEN. CONNECT THE "A" AND "B" WITH A LINE TO APPROXIMATE THE MOVEMENT OF THE PHENOMENON BETWEEN "A" AND "B". THAT IS, SCHEMATICALLY SHOW WHETHER THE MOVEMENT APPEARED TO BE STRAIGHT, CURVED OR ZIG-ZAG. REFER TO SMALLER SKETCH AS AN EXAMPLE OF HOW TO COMPLETE THE LARGER SKETCH.



8. WHERE WERE YOU WHEN YOU SAW THE PHENOMENON? (Check appropriate blocks.)			
☒ OUTDOORS		☐ IN BUSINESS SECTION OF CITY	
☐ IN BUILDING		☐ IN RESIDENTIAL SECTION OF CITY	
☐ IN CAR	☐ AS DRIVER	☐ AS PASSENGER	☐ IN OPEN COUNTRYSIDE
☐ IN BOAT		☒ NEAR AIRFIELD	
☐ IN AIRPLANE	☐ AS PILOT	☐ AS PASSENGER	☐ FLYING OVER CITY
☐ OTHER		☐ FLYING OVER OPEN COUNTRY	
		☐ OTHER	
A. IF YOU WERE IN A VEHICLE, COMPLETE THE FOLLOWING:			
WHAT DIRECTION WERE YOU MOVING?		HOW FAST WERE YOU MOVING?	
☐ NORTH	☐ EAST	DID YOU STOP ANYTIME WHILE OBSERVING THE PHENOMENON? ☐ YES ☐ NO	
☐ SOUTH	☐ WEST		
☐ NORTHEAST	☐ SOUTHEAST		
☐ NORTHWEST	☐ SOUTHWEST		
EXPLAIN WHETHER SUCH MOVEMENT AFFECTS YOUR SKETCHES IN ITEMS 5 AND 6:			
DESCRIBE TYPE OF VEHICLE YOU WERE IN AND TYPE OF ROAD, TERRAIN OR BODY OF WATER YOU TRAVERSED DURING THE SIGHTING. STATE WHETHER WINDOWS OR CONVERTIBLE TOP WERE UP OR DOWN.			
HOW MUCH OTHER TRAFFIC WAS THERE?			
DID YOU NOTICE ANY AIRPLANES? ☐ YES ☐ NO. IF "YES," DESCRIBE WHEN THEY WERE IN SIGHT RELATIVE TO THE TIME OF SIGHTING THE PHENOMENON AND WHERE THEY WERE IN THE SKY RELATIVE TO THE POSITION OF THE PHENOMENON.			
9. HOW LONG WAS THE PHENOMENON IN SIGHT?			
LENGTH OF TIME	☒ CERTAIN OF TIME	☐ NOT VERY SURE	
1 MIN	☐ FAIRLY CERTAIN	☐ JUST A GUESS	
HOW WAS TIME DETERMINED? WATCH			
WAS THE PHENOMENON IN SIGHT CONTINUOUSLY? ☒ YES ☐ NO. IF "NO," INDICATE WHETHER THIS IS DUE TO YOUR MOVEMENT OR THE BEHAVIOR OF THE PHENOMENON, AND DESCRIBE SUCH MOVEMENT OR BEHAVIOR. INDICATE DISAPPEARANCES ON PREVIOUS SKETCHES.			

PAGE 3 OF 3 PAGES

10. IF THERE WERE MORE THAN ONE PHENOMENON, HOW MANY WERE THERE? DRAW A PICTURE TO SHOW HOW THEY WERE ARRANGED. DID THIS ARRANGEMENT CHANGE DURING THE SIGHTING?

35 11-5 400
many objects. 2000000

7 OBJECTS FOLLOWING behind (much smaller by 1/10)
FALLING BEHIND - LEAVING GROUND ON MAIN OBJECT.

11. CONDITIONS (Check appropriate blocks.)

A. SKY		B. WEATHER	
☐ DAY		☐ CUMULUS CLOUDS (Low fluffy)	☐ FOG OR MIST
☐ TWILIGHT		☐ CIRRUS CLOUDS (High fleecy or Herring-bone)	☐ HEAVY RAIN
☒ NIGHT			☐ LIGHT RAIN OR DRIZZLE
☒ CLEAR		☐ NIMBUS CLOUDS (Rain)	☐ HAIL
☐ PARTLY CLOUDY		☐ CUMULONIMBUS CLOUDS (Thunderstorms)	☐ SNOW OR SLEET
☐ COMPLETELY OVERCAST			☐ UNKNOWN
		☐ HAZE OR SMOG	☐ NONE OF THE ABOVE

C. IF THE SIGHTING WAS AT TWILIGHT OR NIGHT, WHAT DID YOU NOTICE ABOUT THE STARS AND MOON?

(1) STARS	(2) MOON
☐ NONE	☒ BRIGHT MOONLIGHT
☐ A FEW	☐ MOON WITH HALO
☐ MANY	☐ MOON HIDDEN BY CLOUDS
☐ UNKNOWN	☐ PARTIAL (New or quarter)
	☐ NO MOONLIGHT
	☐ UNKNOWN

D. IF SIGHTING WAS IN DAYLIGHT, WAS THE SUN VISIBLE? ☐ YES ☒ NO. IF "YES," WHERE WAS THE SUN AS YOU FACED THE PHENOMENON?

☐ IN FRONT OF YOU	☐ TO YOUR RIGHT	☐ OVERHEAD (Near noon)
☐ IN BACK OF YOU	☐ TO YOUR LEFT	☐ UNKNOWN

E. SPECIFY THE MAJOR SOURCE OF ILLUMINATION PRESENT DURING THE SIGHTING, SUCH AS THE SUN, HEADLIGHTS OR STREET LAMP, ETC. FOR TERRESTRIAL ILLUMINATION, SPECIFY DISTANCE TO LIGHT SOURCE.

MOON.

12. GIVE A BRIEF DESCRIPTION OF THE PHENOMENON, INDICATING WHETHER IT APPEARED DARK OR LIGHT, WHETHER IT REFLECTED LIGHT OR WAS SELF-LUMINOUS AND WHAT COLORS YOU NOTICED. DESCRIBE YOUR IMPRESSION OF WHETHER IT WAS SOLID OR TRANSPARENT, WHETHER EDGES WERE SHARP OR FUZZY. DESCRIBE THE SHAPE OR INDICATE IF IT APPEARED AS A POINT OF LIGHT. INDICATE COMPARISONS WITH OTHER OBSERVED OBJECTS, LIKE STARS, A LIGHT OR OTHER OBJECT IN YOUR FIELD OF VIEW.

CIRCULAR FRONT EDGE - CONTRAIL IN BACK OR EXHAUST
(appeared like METEORITE).

WHITE - WITH ORANGE SPECKLES

13	DID THE PHENOMENON	YES	NO	UNKNOWN
	MOVE IN A STRAIGHT LINE?	✓		
	STAND STILL AT ANYTIME?		✓	
	SUDDENLY SPEED UP AND RUN AWAY?		✓	
	BREAK UP IN PARTS AND EXPLODE?	✓		
	CHANGE COLOR?		✓	
	GIVE OFF SMOKE?		✓	
	CHANGE BRIGHTNESS?	✓		
	CHANGE SHAPE?		✓	
	FLASH OR FLICKER?	✓		
	DISAPPEAR AND REAPPEAR?		✓	
	SPIN LIKE A TOP?		✓	
	MAKE A NOISE?		✓	
	FLUTTER OR WOBBLE?		✓	

14. WHAT DREW YOUR ATTENTION TO THE PHENOMENON?

Light & movement.

A. HOW DID IT FINALLY DISAPPEAR?

over South Horizon

B. DID THE PHENOMENON MOVE BEHIND OR IN FRONT OF SOMETHING, LIKE A CLOUD, TREE, OR BUILDING AT ANY TIME?
☐ YES ☒ NO. IF "YES," DESCRIBE.

PAGE 5 OF 3 PAGES

15. DRAW A PICTURE THAT WILL SHOW THE SHAPE OF THE PHENOMENON. INCLUDE AND LABEL ANY DETAILS THAT MIGHT HAVE APPEARED AS WINGS OR PROTRUSIONS. AND INDICATE EXHAUST OR VAPOR TRAILS. INDICATE BY AN ARROW THE DIRECTION THE PHENOMENON WAS MOVING.



16. WHAT WAS THE ANGULAR SIZE? HOLD A MATCH AT ARM'S LENGTH IN FRONT OF A KNOWN OBJECT, SUCH AS A STREET LAMP OR THE MOON. NOTE HOW MUCH OF THE OBJECT IS COVERED BY THE HEAD OF THE MATCH. NOW IF YOU HAD BEEN ABLE TO PERFORM THIS EXPERIMENT AT THE TIME OF THE SIGHTING, ESTIMATE WHAT FRACTION OF THE PHENOMENON WOULD HAVE BEEN COVERED BY THE MATCH HEAD.

HALF DOLLAR

PAGE 6 OF 6 PAGES

17. DID YOU OBSERVE THE PHENOMENON THROUGH ANY OF THE FOLLOWING? INCLUDE INFORMATION ON MODEL, TYPE, FILTER, LENS PRESCRIPTION OR OTHER APPLICABLE DATA.	
2. GGLASSES	CAMERA VIEWER
3. GGLASSES	BINOCULARS
4. WINDSHIELD	TELESCOPE
5. SIDE WINDOW OF VEHICLE	THEODOLITE
6. WINDOWPANE	☒ OTHER <u>EYES</u>
A. DO YOU ORDINARILY WEAR GLASSES? ☐ YES ☒ NO	B. DO YOU USE READING GLASSES? ☐ YES ☒ NO
18. WHAT WAS YOUR IMPRESSION OF THE SPEED OF THE PHENOMENON? GIVE ESTIMATE OF SPEED <u>1000 mph</u>	19. WHAT WAS YOUR IMPRESSION OF THE DISTANCE OF THE PHENOMENON? GIVE ESTIMATE OF DISTANCE <u>4000 ft</u>
20. IN ORDER THAT WE MAY OBTAIN AS CLEAR A PICTURE AS POSSIBLE OF WHAT YOU SAW, DESCRIBE IN YOUR OWN WORDS A COMMON OBJECT OR OBJECTS WHICH, WHEN PLACED IN THE SKY, SIMILAR TO WHERE YOU NOTED THE PHENOMENON, WOULD BEAR SOME RESEMBLANCE TO WHAT YOU SAW. DESCRIBE SIMILARITIES AND DIFFERENCES BETWEEN THE COMMON OBJECT AND WHAT YOU SAW.	
21. DID YOU NOTICE ANY ODOR, NOISE, OR HEAT EMANATING FROM THE PHENOMENON OR ANY EFFECT ON YOURSELF, ANIMALS OR MACHINERY IN THE VICINITY? ☐ YES ☒ NO. IF "YES" DESCRIBE.	
22. DID THE PHENOMENON DISTURB THE GROUND OR LEAVE ANY PHYSICAL EVIDENCE. ☐ YES ☒ NO. IF "YES," DESCRIBE.	

PAGE 7 OF 3 PAGES