

<b>1. DATE - TIME GROUP</b> 23 May 53 23/1543Z	<b>2. LOCATION</b> Lackland AFB, Texas
<b>3. SOURCE</b> Military	<b>10. CONCLUSION</b> AIRCRAFT
<b>4. NUMBER OF OBJECTS</b> More than 5	Wire requesting AF Form 112 and Elect Data Sheet sent for more information. Aircraft F-47 (Mexico) engaged in cloud seeding.
<b>5. LENGTH OF OBSERVATION</b> 1 Hour 5 Minutes	<b>11. BRIEF SUMMARY AND ANALYSIS</b>  A number of blips appeared on radar screen traveling in a N direction for 40 or 50 miles and then began to orbit. Object appeared to be at an estimated altitude of 35,000 ft.
<b>6. TYPE OF OBSERVATION</b> Ground-Radar	
<b>7. COURSE</b> North	
<b>8. PHOTOS</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>9. PHYSICAL EVIDENCE</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	




COUNTRY	UNCLASSIFIED	REPORT NO.	(BRAND BLANK)
United States of America		74-53-1	
<b>AIR INTELLIGENCE INFORMATION REPORT</b>		CG 33RD ADIV (DEF) DATE 28/5/53 initials	

SUBJECT			
Unidentified Aircraft			
AREA REPORTED ON	DATE OF REPORT	DATE OF INFORMATION	FROM (Agency)
Honolula, Mexico (OP-5547)	27 May 1953	23 May 1953	741st AC&W Sq, Lackland AFB, Texas
PREPARED BY (Official)		SOURCE	
Ralph S. Hoggatt, Captain, USAF, DO		A-3	AF Radar & GAA
REFERENCES (Control Number, Directive, Previous Report, etc., if applicable)	None		

SUMMARY: (Enter concise summary of report. Give significance in final one-sentence paragraph. List inclosures at lower left. Begin text of report on AF Form 112—Part II.)

1. An unidentified track (N94) containing five (5) or more aircraft at an estimated altitude of 35,000 Ft. or over. At 1507Z another unidentified track (N97) was picked up at DN4018 heading North. This target containing three (3) or more aircraft, went into orbit. At 1526Z contact was made with track number N3 at DN3031, and also, at this same time, contact was made at DN1950 with track number N4, and at 1529Z contact was made at DN 1005 with track number N5. None of these targets, though quite large in size, appeared to be making any directional progress, but rather seemed to stay in a definite orbit as if in the process of grouping.
2. First track was sighted at 0843 CST, 23 May 1953. At 0907 CST the second track was sighted. Third track was sighted 0926 CST. Number four track was sighted at same time of number three track. Number five track was sighted at 0929 CST.
3. 741st AC&W Sq, Lackland AFB, Texas. 0343
4. AN/FPS-3 Radar Unit.
5. Trained Air Force Personnel. Controllers, Captain Ralph S. Hoggatt, CWO Edwin R. Robinson, Sr. Radar Operator, Ray E. Duncan, A/2C.
6. Weather at the time: Hot, Cloud Condition 3,000 Ft. Scattered Winds, 20 Knots, 200° at 40,000 Ft. Temperature Inversion (Not Def).
7. None.
8. Photographs were taken with scope cameras. Development of film revealed camera mal-function.
9. None due to possible border violation.
10. San Antonio ARTCC was immediately contacted by commercial telephone for possible identification. ARTCC advised that Del Rio had no aircraft in that area and that Laredo had a flight of aircraft whose mission was to make touch-and-go-landings at Eagle Pass, Texas, however, they should not be in the questioned area.

INCL.

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

**UNCLASSIFIED**

CLASSIFICATION CHANGED TO  
**RESTRICTED**  
 BY AUTHORITY OF CG, 33HQA  
 BY *RL*  
 DATE 28 MAY 53

DISTRIBUTION BY ORIGINATOR

3 copies forwarded to CG, Headquarters Air Division (Defense) Tinker AFB, Oklahoma

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**SECRET**

Incl #1  
00264



COORDINATION

UNCLASSIFIED

~~SECRET~~

AUTH: CG ATIC  
BY: W.E. FENSLER  
DATE: 26 May 1953

INSERT  
ORIG. CODE AND  
FULL SIGNATURE

29 MAY 1953

In reply refer to  
AFCIN-ATIAE-5

RMO/JOS/65365

SUBJECT: (Uncl) Radar Sighting of Unidentified Object

TO: Commanding Officer  
Tinker Air Force Base  
Attn: 741st AC&W Sq  
Oklahoma City, Oklahoma

1. With respect to a sighting made at your radar station on 23 May 1953 1543Z, the Air Technical Intelligence Center is forwarding the inclosed Electronics Data Sheet. In an attempt to uncover a logical explanation for such observations of unidentified objects, ATIC has developed this questionnaire which, when completed accurately by the radar technicians involved, allows ATIC radar specialists to attempt an evaluation of the sighting.

2. This Center would, therefore, appreciate the completion and forwarding of the subject Data Sheet with an Air Force Form 112 at your earliest possible convenience. Your original message states that a radar scope photo was taken and ATIC requests that you forward the same.

FOR THE COMMANDING GENERAL

1 Incl  
a/s

BARBARA P. HANAWALT  
1st Lt., USAF  
Asst. Adjutant

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VAC

*Joseph A. Callahan*  
1st Lt ATIA  
25 May 53  
*C.P. Johnson*  
ATIAE-5  
28 May 53  
*W.E. Fensler*  
*P. Olson*  
ATIAE-5  
28 May 53

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T53-6400



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BY AUTHORITY OF  
CG-334 DIV (DEF)

DATE 2 Jun 53 Initials *gwt*

741ST AIRCRAFT CONTROL AND WARNING SQUADRON  
Lackland Air Force Base  
San Antonio, Texas

UNCLASSIFIED

319.1

SUBJECT: (Uncl) Radar Sighting of Unidentified Object

TO: Commanding General  
Air Technical Intelligence Center  
Wright-Patterson Air Force Base  
Dayton, Ohio

1. In compliance with your letter AFOLN-ATLAE-5 dated 29 May 1953, the inclosed form's are submitted.
2. AF form 112 was submitted to your Headquarters through channels on 27 May 1953.
3. When the attached inclosures is withdrawn or not attached, the classification of SECRET on this correspondence will be cancelled in accordance with paragraph 25a, AFR 205-1, 9 October 1950.

FOR THE COMMANDING OFFICER:

*Thomas L. Hill*

THOMAS L HILL  
1st Lt, USAF  
Adjutant

- 2 Incls
1. AF Form 112 (1 cy)
  2. AF Form 322 (1 cy)

10:05  
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0049A

153-7189



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BY AUTHORITY OF

CG 3920 ADIV (DEF)

DATE 11 Jun 53 Initials

COUNTRY United States of America REPORT NO. (LEAVE BLANK)

AIR INTELLIGENCE INFORMATION REPORT

SUBJECT Unidentified objects

AREA REPORTED ON Monclova, Mexico

FROM (Agency) 741st AC&W Sq. Lackland AFB, Texas

DATE OF REPORT 11 June 1953

DATE OF INFORMATION 23 May 1953

EVALUATION

PREPARED BY (Officer) Capt. Ralph S. Hoggatt, Intell. Officer

SOURCE AN/FPS Radar Observation.

REFERENCES (Control number, directives, previous report, etc., as applicable) None

SUMMARY: (Enter concise summary of report. Give significance in final one-sentence paragraph. List inclosures at lower left. Begin text of report on AF Form 112—Part II.)

1. Appeared to be either a large group of small planes or a small group of four motor planes.
2. 0843 CST.
3. 741st AC&W Sq. Lackland AFB, San Antonio, Texas. (29° 24' N 98° 38' W)
4. AN/FPS-3 Radar.
5. Observers were all qualified Air Force trained technicians.
6. 2 SCTD 15 SSE 9 990
7. None
8. Pictures were taken by scope camera, but due to camera malfunction pictures did not turn out.
9. None, due to possible violation of continental boundaries.
10. All civilian air lines were contacted and had no aircraft in that vicinity.

*Ralph S. Hoggatt*  
 RALPH S. HOGGATT  
 CAPT. USAF  
 INTELLIGENCE OFFICER

INCL.

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T53-7089A



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BY AUTHORITY OF  
CG 33ADIV (DER)  
DATE 10 Jun 53 Initials

**ELECTRONICS DATA SHEET  
(GROUND RADAR)**

The purpose of this questionnaire is to provide technical data for evaluating the report of an unusual radar target or track. It is requested that it be completed as accurately as possible.

When not filled in, the form is Unclassified. The reporting officer will use his own judgement as to what degree of classification is required.

It is preferred that the answers to the questions be typewritten, however, if it will expedite the completion of the form, the answers may be printed in ink. If additional space is needed, use reverse side of form.

**1. STATION OBSERVING TARGET:**

741 ST. AC & W SQ?

Organization

LACKLAND AFB. SAN ANTONIO, TEXAS

Location

**2. DATE OF THIS REPORT:**

9 JUNE 1953

Day Month Year

**3. DATE TARGET OBSERVED:**

23 MAY 1953 Local Time   
Day Month Year Z Time

Time-Local 0843 CST Time-Z 1443 Z

**4. NAME, RANK AND ORGANIZATION OF REPORTING OFFICER:**

CAPT. RALPH S. HOGGATT  
741st AC & W SQ.

LACKLAND AFB. SAN ANTONIO, TEXAS

**5. EXACT LOCATION OF STATION (COORDINATES):**

29° 24' N 98° 38' W

**6. OBSERVER DATE (LIST EACH OBSERVER):**

Name	Rank	Duty	No. of Years Exp. in Radar
<u>A. HOGGATT, RALPH S.</u>	<u>CAPT.</u>	<u>OPERATIONS OFFICER</u>	<u>2</u>
<u>B. SCHUMACHER, ELMER J.</u>	<u>1stLT.</u>	<u>DUTY CONTROLLER</u>	<u>2</u>
<u>C. ROBINSON, EDWIN R.</u>	<u>CWO</u>	<u>CONTROLLER TRAINEE</u>	<u>2½</u>
<u>D. COLLINS, JAMES J.</u>	<u>S/SGT.</u>	<u>CREW CHIEF</u>	<u>7</u>
<u>E. DUNCAN, RAY E.</u>	<u>A72C</u>	<u>SCOPE OPERATOR</u>	<u>4</u>

**7. WAS A VISUAL SIGHTING MADE BY ANY PERSONNEL OF THE STATION?  YES  NO  
IF SO, GIVE NAME AND RANK OF ALL PERSONNEL MAKING A VISUAL SIGHTING AND A BRIEF DESCRIPTION OF WHAT THEY SAW:**

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BY AUTHORITY OF  
CG-33 BOWL (DEF)

DATE 10 JUN 53  
SIGHTING AT APPROXIMATELY

8. HAVE YOU HEARD OF ANYONE NOT AT THE RADAR STATION MAKING A VISUAL SIGHTING AT APPROXIMATELY THE SAME TIME THE RADAR CONTACT WAS MADE?  YES  NO  
IF SO, GIVE NAME AND ADDRESS.

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9. RADAR SCOPE PHOTOS: SEE REMARKS  
IS RADAR EQUIPPED WITH A SCOPE CAMERA?  YES  NO  
WAS CAMERA OPERATIONAL?  YES  NO  
WERE SCOPE PHOTOS TAKEN?  YES  NO  
WERE PRINTS OF THE SCOPE PHOTOS FORWARDED TO THE AIR TECHNICAL INTELLIGENCE CENTER?  YES  NO

10. TRACK DATA:  
WHAT WAS THE NUMBER OF THE TRACK? N97N N3N N4N N5N N94N N9N  
WAS A PERMANENT PLOT MADE OF THE TRACK AT THE TIME OF THE OBSERVATION?  YES  NO

11. WERE AIRCRAFT SCRAMBLED TO INTERCEPT THE TARGET?  YES  NO  
IF SO, WERE THE AIRCRAFT BEING OBSERVED ON THE SCOPE AT THE SAME TIME AS THE TARGET?  YES  NO

12. WERE ANY NEARBY RADAR INSTALLATIONS QUERIED WHETHER THEY HAD OBSERVED THE SAME TARGET OR TRACK?  YES  NO  
IF SO, WHICH STATIONS? \_\_\_\_\_

13. WAS THE TARGET OBSERVED ON SEARCH RADAR?  YES  NO  
IF SO, WHAT IS THE NOMENCLATURE OF THE EQUIPMENT? AN/EPS 3

14. WAS THE TARGET OBSERVED ON HEIGHT FINDING RADAR?  YES  NO  
IF SO, WHAT IS THE NOMENCLATURE OF THE EQUIPMENT? \_\_\_\_\_

15. HAVE THERE BEEN ANY RECENT MAINTENANCE DIFFICULTIES?  YES  NO  
IF SO, DESCRIBE. \_\_\_\_\_

16. WHAT TYPE MODULATOR (I.E., SPARK GAP, HARD TUBE, ETC.) IS USED IN THE RADAR EQUIPMENT?  
THYATRON-PULSE MODULATOR

17. WAS THE AFC (AUTOMATIC FREQUENCY CONTROL) CIRCUIT OPERATING PROPERLY?  YES  NO  
COMMENTS: OPERATING MANUALLY

18. HAS INTERFERENCE FROM ANOTHER RADAR SET BEEN OBSERVED RECENTLY?  YES  NO  
COMMENTS: \_\_\_\_\_

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BY AUTHORITY OF  
CG 33 ADLV (DEF)

DATE 10 Jun 53  
BY [initials]

19. ARE PERSONNEL FAMILIAR WITH THE EFFECTS CAUSED BY AN INTERFERING SIGNAL?  
COMMENTS: \_\_\_\_\_

20. ARE PERSONNEL FAMILIAR WITH THE EFFECTS OF ANOMALOUS PROPAGATION (DUCTING EFFECTS) AS THEY PERTAIN TO THIS TYPE OF RADAR?  YES  NO

21. HAS ANOMALOUS PROPAGATION (DUCTING EFFECT) BEEN OBSERVED TO EXTEND THE RANGE OF THE GROUND CLUTTER OF THIS RADAR AT THIS SITE?  YES  NO  
COMMENTS: \_\_\_\_\_

22. WAS ANOMALOUS PROPAGATION (DUCTING EFFECT) EXTENDING THE RANGE OF THE GROUND CLUTTER AT THE TIME THE TARGET WAS OBSERVED?  YES  NO  
COMMENTS: \_\_\_\_\_

23. HOW DID THE TARGET APPEAR IN SIZE AND SHAPE AS COMPARED TO CONVENTIONAL AIRCRAFT TARGETS?  
\_\_\_\_\_  
SAME SIZE AND SAME SPEED

24. PERFORMANCE OF TARGET:

- |                                      |                                     |  |                          |
|--------------------------------------|-------------------------------------|--|--------------------------|
| a. REMAINED CONSISTENT IN SIZE       | <input checked="" type="checkbox"/> | CHANGED SIZE RAPIDLY                                   | <input type="checkbox"/> |
| b. SPEED WAS CONSTANT                | <input checked="" type="checkbox"/> | SPEED WAS VARIABLE                                     | <input type="checkbox"/> |
| c. FOLLOWED CONSISTENT TRACK         | <input checked="" type="checkbox"/> | APPEARED, DISAPPEARED, THEN REAPPEARED IN NEW LOCATION | <input type="checkbox"/> |
| d. FUZZY COMPARED TO AIRCRAFT TARGET | <input type="checkbox"/>            | SHARP COMPARED TO KNOWN AIRCRAFT TARGET                | <input type="checkbox"/> |
| e. SAME AS AIRCRAFT TARGET           | <input checked="" type="checkbox"/> |  |                          |

25. WERE OTHER TARGETS (KNOWN) OBSERVED IN THE SAME GENERAL AREA AT APPROXIMATELY THE SAME TIME AND AT THE SAME ALTITUDE AS THE UNUSUAL TARGET?  YES  NO  
IF SO, DESCRIBE. \_\_\_\_\_

26. WHAT TYPE INDICATORS ("A" SCOPE, "B" SCOPE, ETC.) WERE USED TO FOLLOW THE TARGET?

PPI

DESCRIBE THE SIGNAL: \_\_\_\_\_

27. WHAT WAS THE RADAR SCAN RATE? 3.3 R.P.M.

28. WHAT WAS THE FREQUENCY OF THE TRANSMITTER?

UPPER BEAM 1292 MEG. LOWER BEAM 1259 MEG.

29. DID ANY OF THE OBSERVERS HAVE ANY OPINIONS AS TO THE NATURE OF THE TARGET?  YES  NO  
IF YES, GIVE THEIR NAMES AND OPINIONS BELOW.

GENERAL OPINION OF OBSERVERS, DEFINITELY AIRCRAFT. POSSIBLY OF MEXICAN ORIGIN, BUT NOT POSITIVE. ACCORDING TO THE CALIBRATION DATA, UNDER NORMAL CONDITIONS ALTITUDE OF AIRCRAFT WOULD BE BETWEEN 30,000 TO 40,000 FT.







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BY AUTHORITY OF  
C2. ADIV (DEF)

DATE 10 Jun 53 Initials

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

#9. SCOPE PHOTO'S UNREADABLE DUE TO CAMERA MALFUNCTION.

As

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This case includes two (2) 16" x 16"  
photocopied charts and two (2) 15" x 18½"  
photocopied charts.



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Class Off  
26 Aug 1953

3

COUNTRY Mexico	REPORT NO. IR-324-53	(LEAVE BLANK) AF-579390 6
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### AIR INTELLIGENCE INFORMATION REPORT

SUBJECT Unidentified Aerial Objects		
AREA REPORTED ON Mexico	FROM (Agency) Air Attaché, Mexico City, Mexico	ATIC
DATE OF REPORT 26 August 1953	DATE OF INFORMATION 25 August 1953	EVALUATION B-2
PREPARED BY (Officer) Major Sigurd L. Jensen, Jr., Asst Air Attaché	SOURCE General A [redacted]	
REFERENCES (Control number, directive, previous report, etc., as applicable) SRI - Control No. TIC-5111 dated 4 August 1953		

SUMMARY: (Enter concise summary of report. Give significance in final one-sentence paragraph. List inclosures at lower left. Begin text of report on AF Form 112--Part II.)

1. The following is in response to SRI-TIC-5111 dated 4 August 1953.
2. On 25 August, the writer, on a periodic visit to Mexican Air Force headquarters, engaged in conversation with General [redacted] the [redacted] of the Mexican Air Force.
3. During the conversation, it was learned the MAF, in cooperation with the Secretariat of Agriculture, sent a number of F-47 type aircraft with MAF pilots to the Monclova area of Mexico to engage in cloud seeding in an effort to promote rainfall there. The aircraft were operating in that region during the time of the reported observation. It is felt, therefore, that objects observed could have been these aircraft operating at altitude in cloud seeding operations.

SIGURD L. JENSEN, Jr.  
Major, USAF  
Assistant Air Attaché

APPROVED:

William K. Skær  
WILLIAM K. SKAER  
Colonel, USAF  
Air Attaché

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TIC-5111

ATTC 140844

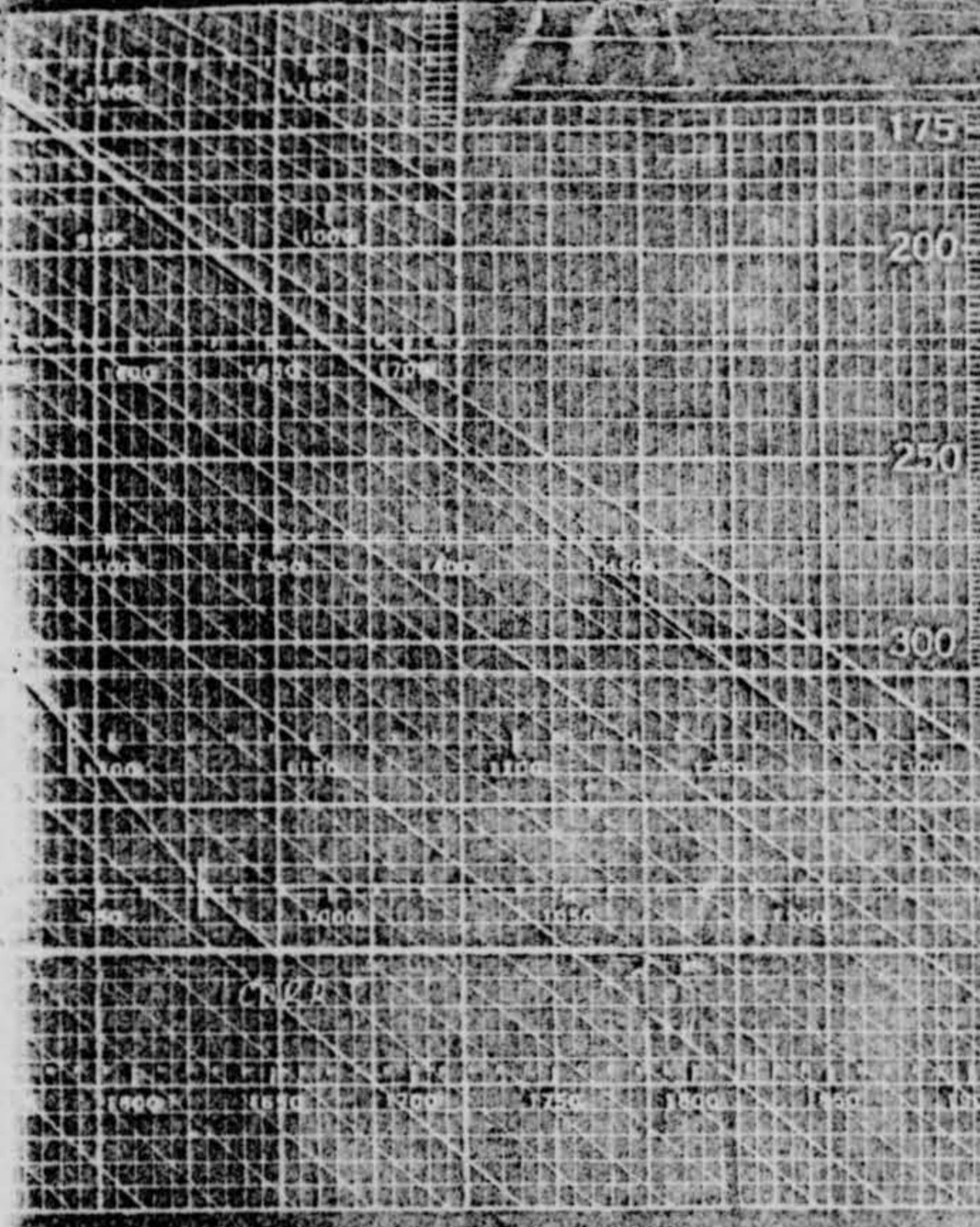
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SOLAR RADIATION CORRECTIONS FOR  
HIGH TEMPERATURE

1. Time (Sun 200 mi. or less from 11 to 12 100 mi. or 200 mi.)	1953
2. Correction for SST	0.0
3. Time (By Algebraic sum of (1) and (2))	1953
4. Difference between (3 and (1) and (2))	0.0
5. Elevation angle (Sun)	40
6. Elevation angle from 200 mi. to 1000 mi. (Sun)	30.5
7. Resultant (4) + (5) + (6)	30.5

1953	11	11
1953	11	11
1953	11	11
1953	11	11
1953	11	11
1953	11	11
1953	11	11
1953	11	11
1953	11	11



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

Drawn by E. W. J. J.  
Verified by E. C. Krustoe  
Inspected by \_\_\_\_\_

DATE AND RELEASE TIME

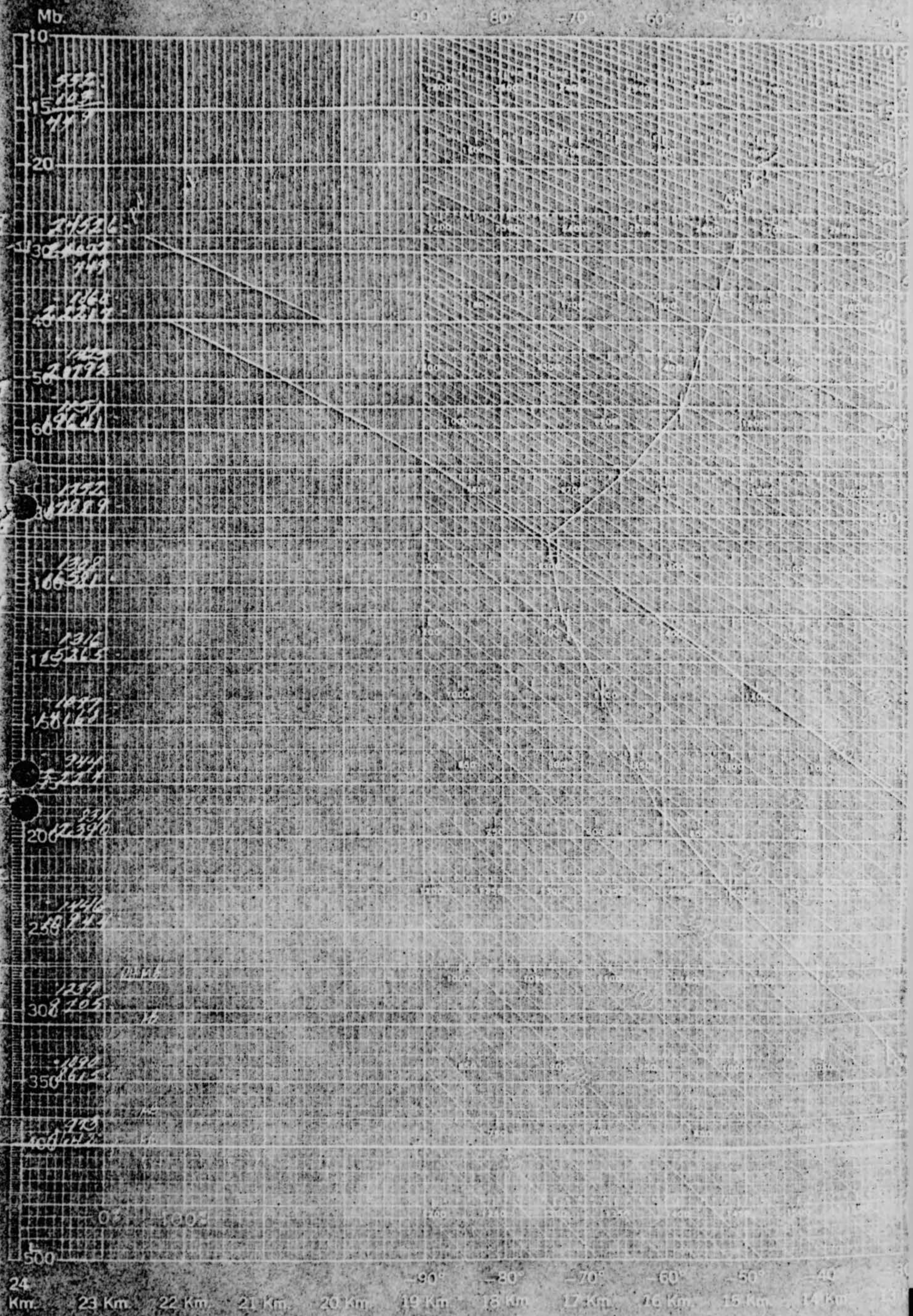
Year	Month	Day	Time
1953	MAY	23	1010
1953	MAY	23	1010
Reference No.		33 88 9 6	
Reference No.		3 0 9	







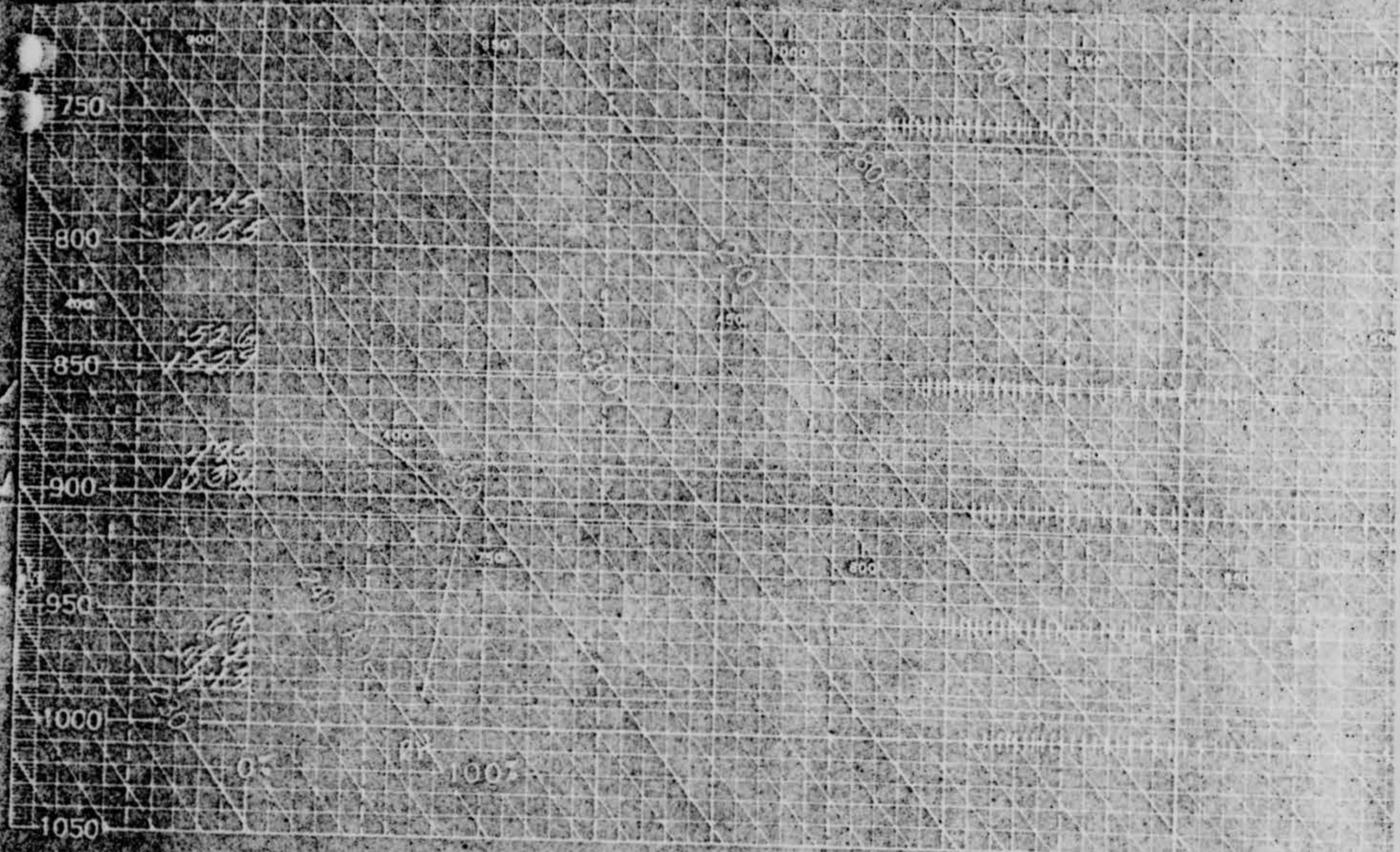
U.S. DEPARTMENT OF COMMERCE WEATHER BUREAU  
**ADIABATIC CHART**  
WEAR 31B











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

SAN ANTONIO TEXAS

Station:

280-321 (A)

DATA AS TRANSMITTED	D.P. TO 0.1% OTHER DATA AS ENTERED ON WEAPONS OR PUNCHING CARD	
COILS	K (mm)	
TITLE OF	KG	CI
Code	0 (10 sec)	2 (max)

The transmission  
 is transmitted by  
 the following means  
 and is of the following  
 nature



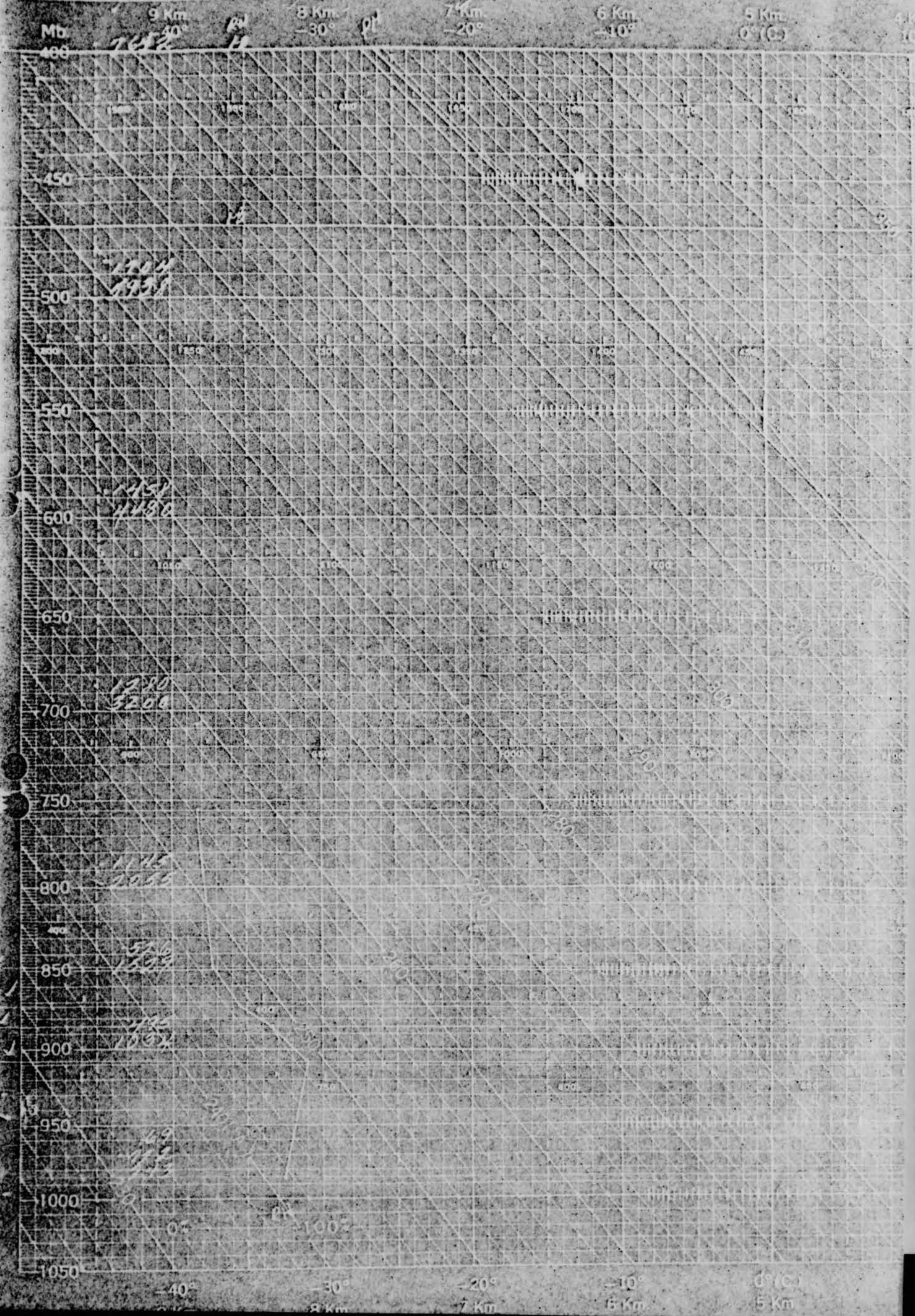




LINE CHECK READINGS

U.S. DEPARTMENT OF COMMERCE WEATHER BUREAU  
**ADIABATIC CHART**  
 WBAN-31A

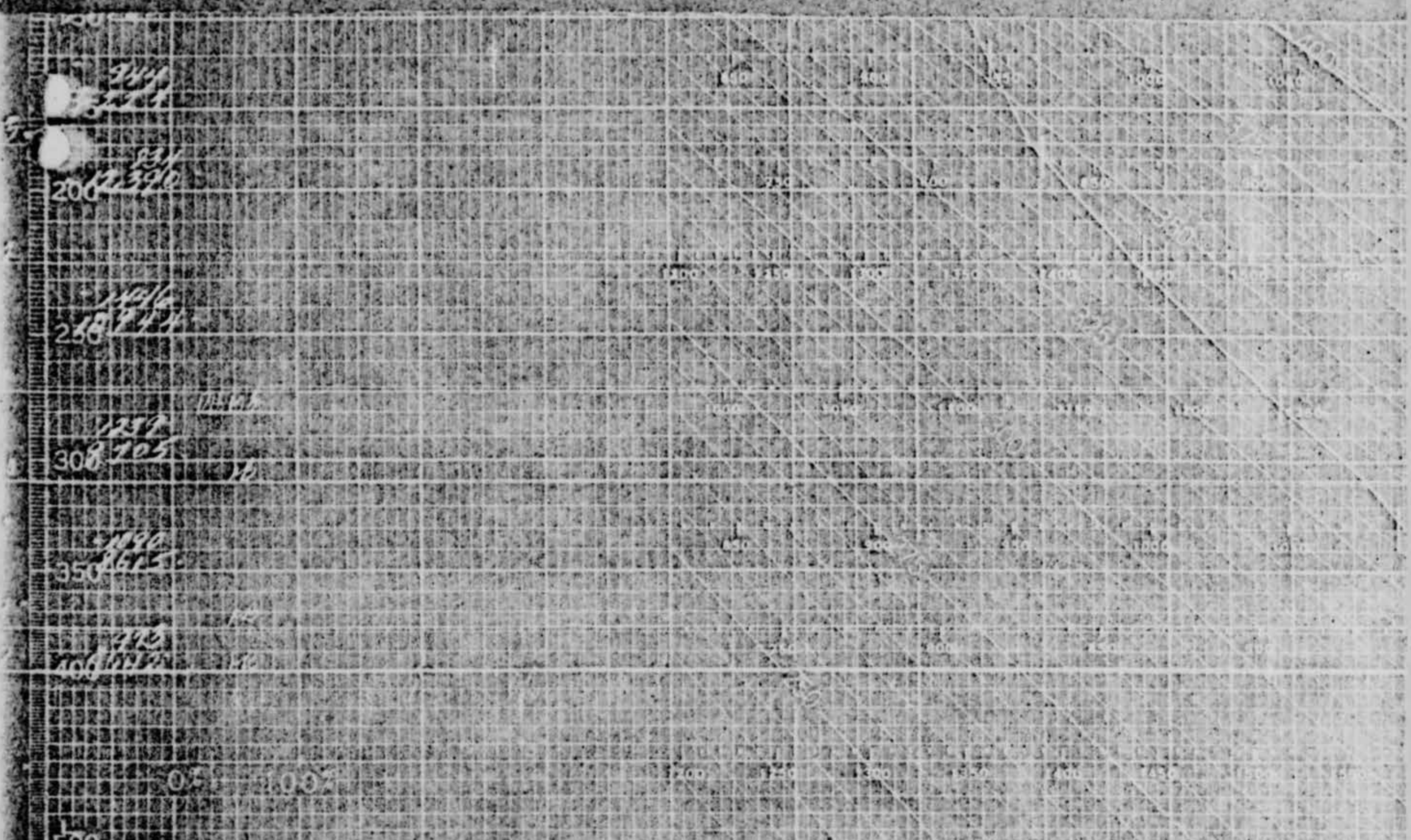
Time G.C.T.	TEMPERATURE		RELATIVE HUMIDITY			WIND Dir. Sp.
	Dry	Wet	Dewpoint	Ratio	Cor.	
1458	7.6	4.6	3.2	69	+3	72











24 Km      23 Km      22 Km      21 Km      20 Km      19 Km      18 Km      17 Km      16 Km      15 Km      14 Km      13 Km

**SAN ANTONIO, TEXAS**  
 Municipality  
 Status  
 29° 32' N      98° 28' W

DATA AS TRANSMITTED	DATA TO WHICH OTHER DATA AS ENTERED ON WSAN-13 OR PUNCHED CARD	
QDHR	H (GMT)	Y (L)
YTDL	Y (M)	Y (S)
QDHR	H (GMT)	Y (L)

1. Frequency (MHz)  
 2. Wavelength (m)  
 3. Modulation (Type)  
 4. Power (Watts)



Station

SAN ANTONIO, TEXAS

# WINDS ALOFT

WBAN-20A

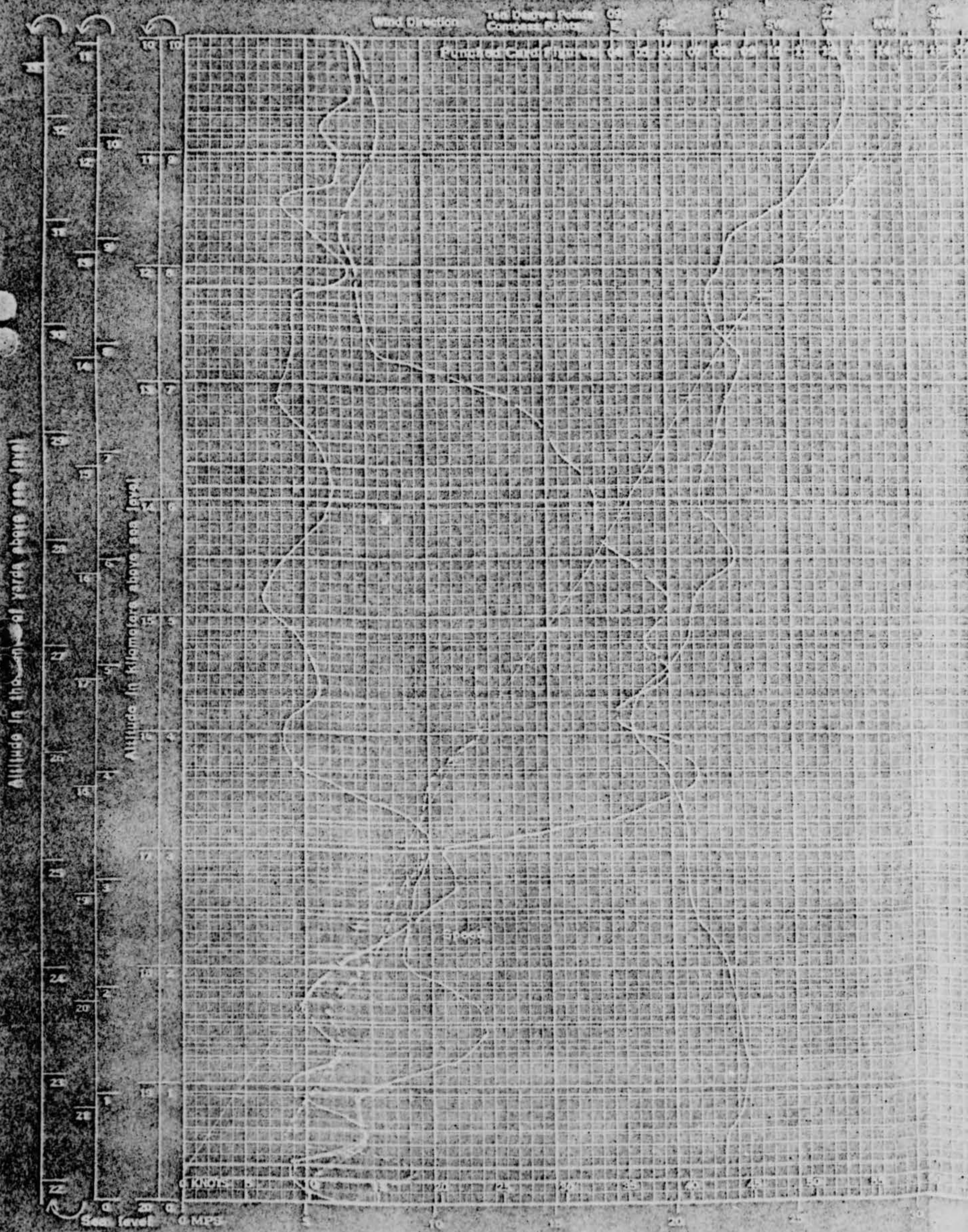
Lat

29° 30' N Long 98° 50' W

Account No. 57

STANDARD METRIC DATA FOR TRANSCRIPTION TO FIB

Altitude (Km.)	Sea	0.5	1.0	1.5	2.0	2.5	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
Direction (16 Pts.)	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Speed (M.P.S.)	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34



Altitude in thousands of yards above sea level

Altitude in kilometers above sea level

Sea Level 0 M.P.S.



CLASSIFICATION

UNCLASSIFIED

IN REPLY REFER TO:

CONTROL NO. TTC-5111

SPECIFIC REQUEST FOR INFORMATION

DATE

SUBJECT: Unidentified Aerial Objects

SECRET

TO: AA/Mexico UNCLASSIFIED

FROM:

AUTH: COMDR, ATIC  
BY: M. J. Piatnitzka, Lt. Col.  
DATE: 16 July 1953

Headquarters USAF  
Directorate of Intelligence  
Washington 25, D. C.

DEGREE OR NEED

FOR THE FOLLOWING

SPECIFIC INFORMATION

- URGENT - REQUESTED BY \_\_\_\_\_ OTHERWISE CANNOT BE USED
- GREAT - DESIRED BY \_\_\_\_\_ OR AS SOON THEREAFTER AS POSSIBLE
- ROUTINE - DESIRED AS EARLY AS PRACTICABLE

1. Request the intelligence material described below be furnished this Headquarters, ATTN: Director of Intelligence, bearing the Control Number TTC-5111 UNCLASSIFIED

2. On any documents requested, this office has indicated whether loan or retention copies are desired by using one of the following remarks: ("Loan"); ("Retention if possible, otherwise loan"); or ("Retention only"). UNCLASSIFIED

3. A report has been received from a radar site at San Antonio, Texas concerning a radar observation of five or more targets which appeared to be orbiting over Monclova Mexico (125 miles NNW of Monterrey) from 0843 CST to 0926 CST, 23 May 1953. The number and maneuvers of the targets suggested military flying. They appeared on the radar scope as conventional aircraft and intermittent contact was maintained for 39 minutes. Altitude was estimated to be over 20,000 ft; no speed estimate was possible. Airfields in that vicinity are located at Monclova, Monterrey and Rosita. (SECRET)

UNCLASSIFIED

4. If circumstances permit, and at the discretion of the AA/Mexico, it is requested that information be obtained to determine whether Mexican aircraft were in the area at the time of sighting.

UNCLASSIFIED

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

REMARKS (Including guidance, if appropriate)

OK - Robert M. Olson #LT.

UNCLASSIFIED

INCL:

T53-8309-5

CLASSIFICATION

FOR USE OF THE ORIGINATOR AE5/RM/RC1/ELW

REQUESTED BY	NAME Mr. Wayland/jnw	BRANCH OR SECTION ATIRC-1	ROOM NUMBER B263C	PHONE 51279
SUGGEST CHECK WITH	ALREADY CHECKED WITH	DATE 22 JUL 1953	APPROVED BY	
CHECKED FOR DUPLICATION		COORDINATED WITH		Patrick J. Mass, Major, USAF Chief, Collection Control Branch Air Technical Intelligence Center



# LOTT GRAPH

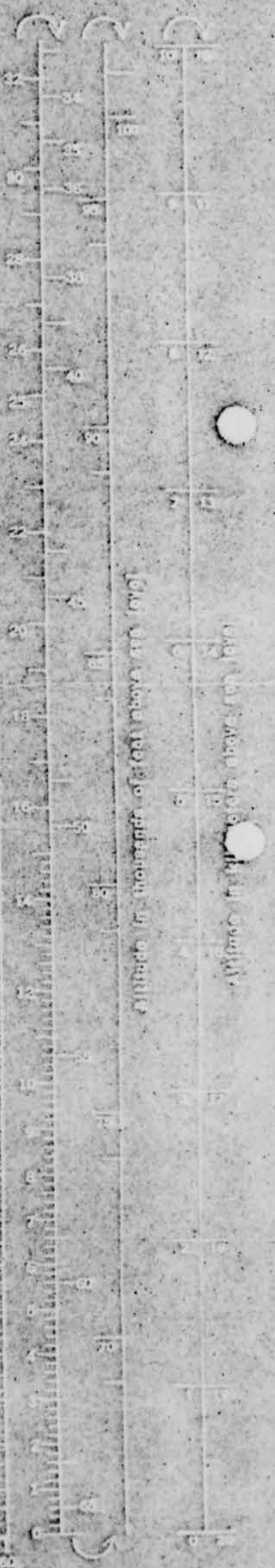
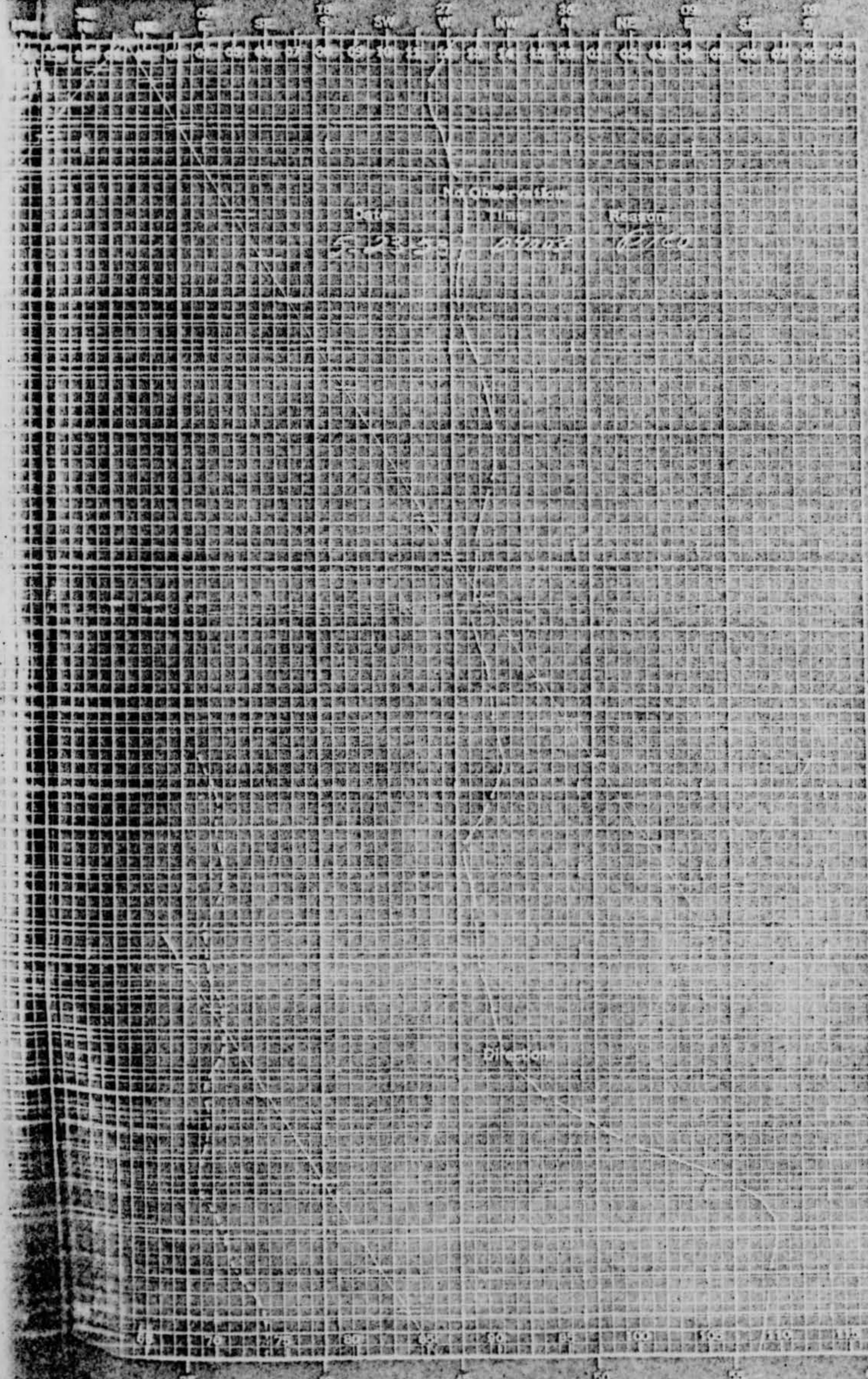
LAN-20A  
No. 5-73

## Release Date and Time

Year	Month	Day	Time
1960	th Mar	2	10:00
GCT			

### INDEX TO PUNCHED CARDS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
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Prepared by

Verified by



6.7	33	78	22,185	14,130	14296		1166	82-120
7.6	34	79	22,470	14,310				
8.1	35	80	22,750	14,490				
7.8	36	81	23,040	14,670				
7.1	37	82	23,320	14,850				
6.5	38	83	23,600	15,030				
7.2	39	84	23,880	15,210				
7.3	40	85	24,160	15,390				
7.9	41	86	24,440	15,570				
11.8	42	87	24,730	15,750				
14.9	43	88	25,010	15,930				
15.8	44	89	25,300	16,110				
17.0	45	90	25,580	16,290				

78  
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NOTES

dd	ff	dd	ff	dd	ff	dd	ff	dd	ff	dd	ff
17	14	19	14	19	22	18	24	18	20	17	15
10	11	6	15	8	18	8	16	17	09	27	12
28	33	0	02	5	13	0	08	5	07	09	23
dd	ff	dd	ff	dd	ff	dd	ff	dd	ff	dd	ff

dd - Wind direction in tenths of degrees. ff - Wind speed in knots.

SON TIME-ALTITUDE DATA

40	45	50	55	60	65	70	75	80	85	90	95	100
742		663		600		532		471		407		347
2792		303		347		370						
0810		1040		130		170						
145.7	150	155	160	165	170	175	180	185	190	195		
60	37											
08	700.50	04.50										
75	6460	7720										

Records



STATION SAN ANTONIO, TEXAS  
 LAT. \_\_\_\_\_ LONG \_\_\_\_\_

WFL Form 1110-A  
 UNITED STATES DEPARTMENT OF COMMERCE  
 WEATHER BUREAU  
 WINDS ALOFT COMPUTATION SHEET  
 (LAND STATION FORM)  
 WBAN-20

Ascension No. 513 Method of observation \_\_\_\_\_

Minute	Altitude			Elevation Angle	Azimuth	Distance from zero point (meters)	Wind dir. (true)	Wind speed (m.p.h.)	Minute	Minute	100 gram balloon (meters)	50 gram balloon (meters)	Other (meters)
	100 gram balloon (meters)	50 gram balloon (meters)	Other (meters)										
Stg.									50				
1	350	216	570	35.7	171.7	4700	171	7.1	1	40	18,075	8,370	11010
2	670	414	630	37.5	171.7	3300	171	7.1	2	47	18,375	8,600	11030
3	990	612	750	39.7	171.7	1900	172	6.9	3	48	18,675	8,830	11050
4	1,285	801	850	41.2	171.7	500	169	6.1	4	49	18,975	9,060	11070
5	1,585	990	950	42.9	171.7	200	168	5.2	5	50	19,275	9,290	11090
6	1,880	1,170	1,050	44.1	171.7	100	171	4.9	6	51	19,575	9,520	11110
7	2,170	1,350	1,150	45.1	171.7	50	171	4.4	7	52	19,875	9,750	11130
8	2,455	1,530	1,250	45.9	171.7	20	171	4.3	8	53	20,175	9,980	11150
9	2,740	1,710	1,350	46.5	171.7	10	171	4.0	9	54	20,475	10,210	11170
10	3,020	1,890	1,450	46.9	171.7	5	162	3.7	10	55	20,775	10,440	11190
11	3,300	2,070	1,550	47.1	171.7	2	165	3.4	11	56	21,075	10,670	11210
12	3,580	2,250	1,650	47.3	171.7	1	160	3.1	12	57	21,375	10,900	11230
13	3,855	2,430	1,750	47.4	171.7	0	157	2.8	13	58	21,675	11,130	11250
14	4,130	2,610	1,850	47.4	171.7	0	154	2.5	14	59	21,975	11,360	11270
15	4,405	2,790	1,950	47.3	171.7	0	151	2.2	15	60	22,275	11,590	11290
16	4,675	2,970	2,050	47.1	171.7	0	148	1.9	16	61	22,575	11,820	11310
17	4,945	3,150	2,150	46.8	171.7	0	145	1.6	17	62	22,875	12,050	11330
18	5,215	3,330	2,250	46.4	171.7	0	142	1.3	18	63	23,175	12,280	11350
19	5,485	3,510	2,350	45.9	171.7	0	139	1.0	19	64	23,475	12,510	11370
20	5,755	3,690	2,450	45.3	171.7	0	136	0.7	20	65	23,775	12,740	11390
21	6,025	3,870	2,550	44.6	171.7	0	133	0.4	21	66	24,075	12,970	11410
22	6,295	4,050	2,650	43.8	171.7	0	130	0.1	22	67	24,375	13,200	11430
23	6,565	4,230	2,750	42.9	171.7	0	127	0.0	23	68	24,675	13,430	11450
24	6,835	4,410	2,850	41.9	171.7	0	124	0.0	24	69	24,975	13,660	11470
25	7,105	4,590	2,950	40.8	171.7	0	121	0.0	25	70	25,275	13,890	11490
26	7,375	4,770	3,050	39.6	171.7	0	118	0.0	26	71	25,575	14,120	11510
27	7,645	4,950	3,150	38.3	171.7	0	115	0.0	27	72	25,875	14,350	11530
28	7,915	5,130	3,250	36.9	171.7	0	112	0.0	28	73	26,175	14,580	11550
29	8,185	5,310	3,350	35.4	171.7	0	109	0.0	29	74	26,475	14,810	11570
30	8,455	5,490	3,450	33.8	171.7	0	106	0.0	30	75	26,775	15,040	11590
31	8,730	5,670	3,550	32.1	171.7	0	103	0.0	31	76	27,075	15,270	11610
32	9,005	5,850	3,650	30.3	171.7	0	100	0.0	32	77	27,375	15,500	11630
33	9,285	6,030	3,750	28.4	171.7	0	97	0.0	33	78	27,675	15,730	11650
34	9,565	6,210	3,850	26.4	171.7	0	94	0.0	34	79	27,975	15,960	11670
35	9,850	6,390	3,950	24.3	171.7	0	91	0.0	35	80	28,275	16,190	11690
36	10,135	6,570	4,050	22.1	171.7	0	88	0.0	36	81	28,575	16,420	11710
37	10,420	6,750	4,150	19.8	171.7	0	85	0.0	37	82	28,875	16,650	11730
38	10,710	6,930	4,250	17.4	171.7	0	82	0.0	38	83	29,175	16,880	11750
39	11,005	7,110	4,350	14.9	171.7	0	79	0.0	39	84	29,475	17,110	11770
40	11,300	7,290	4,450	12.3	171.7	0	76	0.0	40	85	29,775	17,340	11790
41	11,595	7,470	4,550	9.6	171.7	0	73	0.0	41	86	30,075	17,570	11810
42	11,890	7,650	4,650	6.8	171.7	0	70	0.0	42	87	30,375	17,800	11830
43	12,185	7,830	4,750	3.9	171.7	0	67	0.0	43	88	30,675	18,030	11850
44	12,480	8,010	4,850	0.9	171.7	0	64	0.0	44	89	30,975	18,260	11870
45	12,775	8,190	4,950	-2.1	171.7	0	61	0.0	45	90	31,275	18,490	11890

Termination owing to \_\_\_\_\_

Weight of balloon \_\_\_\_\_ grams Color of balloon \_\_\_\_\_

Weight of lighting device \_\_\_\_\_ grams Type of target or transmitter \_\_\_\_\_

Weight of target or transmitter \_\_\_\_\_ grams

Line lift \_\_\_\_\_ grams

Total weight \_\_\_\_\_ grams

Notes \_\_\_\_\_

CODED DATA		UT	CG	H	Q	P	W	U	V	W	X	Y	Z
01	02	03	04	05	06	07	08	09	10	11	12	13	14
01	15	16	17	18	19	20	21	22	23	24	25	26	27
01	28	29	30	31	32	33	34	35	36	37	38	39	40
01	41	42	43	44	45	46	47	48	49	50	51	52	53







33	9,285	6,030	9,760	47.7	11.5	7.80				33	35	22,185	15,120	172
34	9,565	6,210	10,090	48.7	11.1	8.50				34	36	22,490	15,210	
35	9,850	6,390	10,450	49.7	10.9	9.10				35	38	22,790	15,300	
36	10,135	6,570	10,800	47.9	10.8	9.70				36	40	23,090	15,390	
37	10,420	6,750	11,160	47.7	10.7	10.30				37	42	23,390	15,480	
38	10,710	6,930	11,520	49.0	10.8	10.90				38	44	23,690	15,570	
39	11,005	7,110	11,880	50.3	10.7	11.50				39	46	23,990	15,660	
40	11,300	7,290	12,240	50.7	10.5	12.10				40	48	24,290	15,750	
41	11,595	7,470	12,600	51.1	10.8	12.70				41	50	24,590	15,840	
42	11,890	7,650	12,960	51.1	10.6	13.30				42	52	24,890	15,930	
43	12,185	7,830	13,320	51.8	10.5	13.90				43	54	25,190	16,020	
44	12,480	8,010	13,680	51.6	10.0	14.50				44	56	25,490	16,110	
45	12,775	8,190	14,040	51.1	9.8	15.10				45	58	25,790	16,200	

Termination code: 215

Weight of balloon: 500 grams      Color of balloon: \_\_\_\_\_      Notes: \_\_\_\_\_  
 Weight of lighting device: \_\_\_\_\_ grams      Type of target or transmitter: \_\_\_\_\_  
 Weight of target or transmitter: \_\_\_\_\_ grams  
 Free lift: \_\_\_\_\_ grams  
 Total weight: \_\_\_\_\_ grams

CODED DATE	11	00	11	00	11	00	11	00	11	00	11	00	11	00
	0	1	2	3	4	5	6	7	8	9	0	1	2	3
15 18	14 18	14 19	13 10	10 11	15 09	19								
20 16	28 14	29 31	30 37	5 28 33	002 10	5 13								
1 01 23														

**RASON TIME ALTITUDE DATA**

Correct	0	5	10	15	20	25	30	35	40	45	50	55	60
Pressure					71	68	64	60	56	52	48	44	40
Altitude (m. or ft.) or pressure ratio					1000	1200	1400	1600	1800	2000	2200	2400	2600
Time					07:35	08:00	08:20	08:40	09:00	09:20	09:40	10:00	10:20

Correct	105	110	115	120	125	130	135	140	145	150	155	160
Pressure		73.6	74.4	75.2	76.0	76.8	77.6	78.4	79.2	80.0	80.8	81.6
Altitude (m. or ft.) or pressure ratio		1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
Time		3:30										

Indicate radio, radar, or pilot.      Number      Termination  
21      \_\_\_\_\_      \_\_\_\_\_  
 U.S. Standard Time      Observer: R. K.



UNCLASSIFIED

~~SECRET~~

AUTH: ~~CO ATIC~~  
BY: H.C. Johnston  
Lt Col, USAF  
DATE 22 June 1953

REQUEST FOR AIR TECHNICAL INTELLIGENCE INFORMATION

THRU: ATIAE  
THRU: ATIA  
TO: ATIRC-1

FROM: ATIAE-5

DATE: 22 June 1953

UNCLASSIFIED

SUBJECT: (Uncl) Unidentified Aerial Objects

1. PERTINENT BACKGROUND INFORMATION:

(Secret) ATIC has received a report from a radar site at San Antonio, Texas concerning a radar observation of targets over Mexican territory from 0843 CST to 0926 CST, 23 May 1953. Five or more targets appeared to be orbiting over Monclova, Mexico, which is 125 miles NNW of Monterrey. They appeared on the radar scope as conventional aircraft and intermittent contact was maintained for 39 minutes. Altitude was estimated to be over 20,000 ft. No speed estimate was possible.

2. SPECIFIC REQUEST:

(Uncl) It is requested that you determine if Mexican aircraft were in the area at the time of sighting. The number and maneuvers of the targets suggest military flying. There are fields at 1) Monclova, 2) Monterrey, and 3) Rosita, Mexico, which can be checked.

3. REMARKS:

T53-7294

ORIGINATED BY:

APPROVED

APPROVED:

Lt R. M. Olsson

H.C. JOHNSTON, Lt Col, USAF

RAY W. McDUFFEE, Col, USAF

COORDINATED WITH:

Chief, Electronics Branch

Chief, Technical Analysis Div

ATIAA

ATIAE

ATIAS

Chief, ATIAA

Chief, ATIA

ATIAS

Date:

Date:

ATIC Form 317 (19 Nov 51)  
(Formerly MCI Form 17)

Auth: ATTCOI 200-10.16

(If additional space is required, continue on reverse side.)

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

~~SECURITY INFORMATION~~

UNCLASSIFIED

~~SECRET~~



UNCLASSIFIED

SECURITY CLASSIFICATION (If any)

# DISPOSITION FORM

**SECRET**

FILE NO.

SUBJECT (Uncl) Transmission of Radar Sighting

TO ATIAE-2  
ATTN: Mr. James

FROM ATIAE-5

DATE 17 June 1953 COMMENT NO. 1  
A/1C M.G. Futch/jos  
65365/B263A/P A10

1. Inclosed is all the information received by ATIAE-5 concerning a radar sighting on 23 May 1953 in the vicinity of Lackland Air Force Base, Texas. Adiabatic charts have been requested in order to check the possibility of weather conditions having caused such a sighting.

2. Request you comment on what could have caused the unidentified radar targets.

1 Incl  
File dated 23 May 1953  
Lackland AFB, Texas

*Robert M. Olsson*  
ROBERT M. OLSSON, 1st Lt, USAF  
Acting Chief, Aerial Phenomena Section

If inclosure 1 is withdrawn (or not attached), the classification of this correspondence will be downgraded to Unclassified in accordance with paragraph

*Note:*

Mr. James stated to Lt R.M. Olsson that the inclosed radar information would seem to support the fact that aircraft caused this sighting. He suggested that we check on Mexican airfields in the area. He stated that no calculation of the speed of the objects was possible.

*Mr. James stated on 21 July 1953 after reviewing the newly received adiabatic chart that this sighting possibly was caused by wea. effects on radar.*

*22 July 1953  
Robert Olsson*

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

UNCLASSIFIED

SECURITY INFORMATION

**SECRET**



ROUTING

## JOINT MESSAGE FORM

COMMUNICATIONS CENTER NO.

UNCLASSIFIED

SPACE ABOVE FOR COMMUNICATIONS CENTER ONLY

FROM: (Originator)

CC ATIC

TO:

CC SANTA KELLY AFB TEX

INFO:

FROM: AF01N-ATIAE-6-15-E

DATE-TIME GROUP

PRECEDENCE FOR:

ACTION

INFORMATION

 BOOK MESSAGE ORIGINAL MESSAGE MULTIPLE ADDRESS

CRYPTOPRECAUTION

 YES NO

REFERS TO MESSAGE:

IDENTIFICATION

CLASSIFICATION

UNCLASSIFIED

Reference your message SAIP-284. In regard to observation of white light observed over San Antonio, Texas, on 16 June 53, ATIC agrees with your evaluation. ATIC also emphasizes the importance of attempting an evaluation at reporting level such as you have done. To give you a background of Project Blue Book evaluations, sightings of 19 May at Ellington AFB, Texas, and 23 May at Lackland AFB, Texas, have been evaluated as probably aircraft by ATIC specialists.

No reply is required.

In reply cite Project Blue Book.

COORDINATION:

ATIAE-5 \_\_\_\_\_ Date \_\_\_\_\_  
Lt Olsson

ATIAE \_\_\_\_\_ Date \_\_\_\_\_  
Col Johnston

ATIA \_\_\_\_\_ Date \_\_\_\_\_  
Col McDuffee

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

UNCLASSIFIED

DRAFTER'S NAME (and signature, when required)

LT R. M. OLSSON/vo

SYMBOL

ATIAE-5

TELEPHONE

65566

SECURITY CLASSIFICATION

PAGE 1 OF 1 PAGES

RELEASING OFFICER'S SIGNATURE

OFFICIAL TITLE

ROBERT C. BROWN, MAJOR, USAF

26-58223-2 \* U. S. GOVERNMENT PRINTING OFFICE

DD FORM 173  
1 OCT 49REPLACES NME FORM 173, 1 MAY 49,  
WHICH MAY BE USED.

ATIAE-5 File



THIS MESSAGE REQUIRES PARAPHRASE. SEE CRYPTO-CENTER BEFORE DECLASSIFYING.

THIS MESSAGE REQUIRES PARAPHRASE. SEE CRYPTO-CENTER BEFORE DECLASSIFYING.

~~SECURITY INFORMATION~~

*OR DALL 7*

MAY 53

UNCLASSIFIED *BIT*

*1-ATTC-ACTION INFO*

**C2 PRIORITY**

FROM 741 AC AND W SQ TINKER AFB OKLA

TO CG AMC WPAFB OHIO

HQ USAF WASH DC ATIAA-2C

UNCLASSIFIED

**ACTION COPY**

*1. Attn  
2. Atty.  
3. C. Files*

ADC ENT AFB COLO

**PRIORITY**

*Cite*  
CITE 7 K1 J-S IN ACCORD WITH AFL 200-5 (FLYOB RPT) PARA 1 SCOPE

PICTURE FIRST TRACK N-94 INDICATED AT LEAST 5 OR MORE ACFT APPROX 35000 FEET. SPEED APPROX 240 KNOTS FLYING IN A NORTHERLY DIRECTION.

FOR 40 OR 50 MILES THEN BEGAN TO ORBIT. FORMATION FADED IN SAME LOCALITY POSSIBLY DUE TO LOSS OF ALT. PARA 2 TOTAL TIME OBSERVED

WAS 1 HR AND 5 MINS. FIRST SIGHTING 1543Z 23 MAY CURR. PARA 3

ELECOBS SPEED APPROX 240 KNOTS. ALT ESTIMATED 35000 FEET. TYPE OF ACFT, EITHER LARGE GROUP OF FTRS OR SMALL GROUP OF BOMBERS. ELEC EQUIP

USED: AN/FPS-3 RADAR. PARA 4 LOCATION OF OBSERVER 741 ACW SQ LACKLAND

AFB TEXAS. ACFT WAS SIGHTED NEAR MONCLACA MEXICO, 101 DEGS, 102 DEGS,

27 DEGS, 28 DEGS NORTH. PARA 5 TRAINED ACFT CONTRS. PARA 6 WCGHOT,

CLOUD COND 3000 SCTD WINDS 20 KNOTS 200 DEG AT 40000 FEET PARA 7

POSSIBLE TEMP INVERSION (NOT DEFINITE) PARA 8 FIGHT SCOPE FILMS

PARA 9 (DUTO BORDER VIOLATION) PARA 10 NONE KNOWN

DOWNGRADED AT 3 YEAR-INTERVAL  
DECLASSIFIED AFTER 12 YEARS  
DOD DIR 5200.10

~~SECRET~~

*53MC-41826-1*

- 1) Was there definitely a ship in and if so at what time?*
- 2) Another AC/W on the same frequency?*
- 3) State A/C in the area - local flight pattern*

UNCLASSIFIED



ROUTING

# JOINT MESSAGEFORM

UNCLASSIFIED

COMMUNICATIONS CENTER NO. ~~SECRET~~  
AUTH: CG ATIC  
BY: W.B. Fensler  
DATE: 26 May 1953

UNCLASSIFIED

SPACE ABOVE FOR COMMUNICATIONS CENTER ONLY

FROM: (Originator)

CG ATIC

TO: ~~CG TERRY AT WASH CRANCHY CTR ORLANDO~~

INFO:

FROM: AFOIN-ATLAS-R FOR 741 ACW Sq

DATE-TIME GROUP 251130Z MAY 53		SECURITY CLASSIFICATION <del>SECRET</del>
PRECEDENCE FOR:	ACTION ROUTINE	INFORMATION
<input type="checkbox"/> BOOK MESSAGE	<input type="checkbox"/> ORIGINAL MESSAGE	
<input type="checkbox"/> MULTIPLE ADDRESS	CRYPTOPRECAUTION <input type="checkbox"/> YES <input type="checkbox"/> NO	
REFERS TO MESSAGE:		
IDENTIFICATION 252100Z May 53		CLASSIFICATION <del>SECRET</del>

UNCLASSIFIED

Reference your message dated 252100Z May on unidentified radar targets seen at your station. Request you complete an Air Force Form 112 as per Air Force Letter 200-5 with specific reference to the following points: 1) Was there a temperature inversion and, if so, at what altitude? 2) Was there another ACW Squadron on the same frequency? 3) State aircraft activity in the area. Under separate cover you will receive an Electronics Data Sheet which will complete the information on the radar sighting. Request you forward scope photos with Air Force Form 112. In reply cite Project Blue Book.

*note - Form 112 dated 27 May has been received - 10 June 1953 PW6. Electronics Data Sheet not included.*

COORDINATION:

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

~~SECRET~~ T53-6366

UNCLASSIFIED

SECURITY CLASSIFICATION ~~SECRET~~ PAGE 1 OF 1 PAGES

DRAFTER'S NAME (and signature, when required)  
1/Lt R.H. Clisson/ Joe

RELEASING OFFICER'S SIGNATURE  
BARBARA P. HANAWALT, 1st Lt, USAF  
ASST AIR ADJUTANT GENERAL

SYMBOL

ATLAS-5

TELEPHONE

65365

OFFICIAL TITLE

DD FORM 173 1 OCT 49

REPLACES NME FORM 173, 1 MAY 48 WHICH MAY BE USED.

UNCLASSIFIED

15-58922-3 U. S. GOVERNMENT PRINTING OFFICE



DIRECTORATE OF INTELLIGENCE  
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330 AIR DIVISION (DEFENSE)  
TINKER AIR FORCE BASE, OKLAHOMA

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3 June 1953

SUBJECT: AF Form 112 - Air Intelligence Information Report

TO: Chief, Air Technical Intelligence Center  
ATTN: ATIAA-2c  
Wright-Patterson Air Force Base, Ohio

Transmitted in compliance with AFL 200-5, dated 29 April 1952,  
one copy for information of Air Intelligence Information Report of  
Unidentified Flying Object sighted at Monelova, Mexico, 27 May 1953.

1 Incl  
1. AF Form 112-Part I (2 cys)

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for JOSEPH W. CARAWAY  
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Director of Intelligence