MULTIPLE

PROJECT 10073 RECORD CARD

1. DATE 23 Nov 60	2. LOCATION Midwestern U. S.	12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical ☒ Other Tiros II. ☐ Insufficient Data for Evaluation ☐ Unknown
3. DATE-TIME GROUP Local 0615-1400 GMT 23/1115-1900Z	4. TYPE OF OBSERVATION ☒ Ground-Visual ☐ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar	
5. PHOTOS ☐ Yes ☒ No	6. SOURCE Military and Civilian	
7. LENGTH OF OBSERVATION Varied with different observers	8. NUMBER OF OBJECTS one and two	9. COURSE N

10. BRIEF SUMMARY OF SIGHTING

Bright white light, brighter than any star. Some witnesses reported one object; others two. Some reported object as being reddish white with a long white trail.

11. COMMENTS

At the general times of the sightings, Tiros II was in horizontal flight and the third stage was in operation. The general descriptions by the witnesses match those given by missile men from experiences with other launchings. There is no evidence to indicate that the object observed was nothing more than Tiros II during its initial flight after launch.

ATIC FORM 329 (REV 28 SEP 52)

7. The now famous Mid-west sightings of November 23, 1960.

The midwest sightings of November 23, 1960, were concluded to be Tiros II during its initial launching phase from Cape Canaveral, Florida. The programming of this satellite was relatively flat trajectory at altitude on a Northeast azimuth. This launching was easily visible in the midwest and pilots reported seeing it from further west.

UPI ASB

MX

1ST LEAD UFO COLORADO SPRINGS (ASB)

CHICAGO, NOV 23 (UPI)--AN UNIDENTIFIED FLYING OBJECT SCARED OVER THE MIDWEST BEFORE DAWN TODAY AND WAS SEEN BY AIRPORT CONTROL TOWERS AND OTHER OBSERVERS FROM OHIO TO WISCONSIN.

THE OBJECT WAS DESCRIBED AS A BRIGHT LIGHT TRAVELING FROM WEST TO EAST.

AT COLORADO SPRINGS, COLO., THE COMBAT OPERATIONS CENTER AT NORTH AMERICAN AIR DEFENSE COMMAND (NORAD) HEADQUARTERS SAID IT RECEIVED A REPORT OF THE OBJECT FROM THE [redacted] AIR DIVISION AT MADISON, WIS. A SPOKESMAN SAID THE REPORT FROM TRUAX FIELD TERMED THE OBJECT OF UNCERTAIN SIZE, BALL SHAPED AND WHITE TO REDDISH-WHITE IN COLOR WITH A LONG WHITE TAIL. IT MADE NO NOTICEABLE SOUND.

NO ONE WAS ABLE TO TRACK IT BY RADAR.

DETROIT METROPOLITAN AIRPORT SAID IT BELIEVED THE LIGHT MIGHT HAVE BEEN CAUSED BY A HIGH FLYING JET PLANE RELEASING A CHAFF SHOWER IN A TEST OF RADAR JAMMING EQUIPMENT.

MIDWAY AIRPORT IN CHICAGO SAID THIS WAS A POSSIBLE EXPLANATION BUT ADDED, "WE'VE NEVER SEEN ANYTHING LIKE IT BEFORE AND DON'T KNOW WHAT IT WAS."

MICHIGAN STATE POLICE HEADQUARTERS AT EAST LANSING, MICH., SPECULATED THE LIGHT MIGHT HAVE BEEN A REFLECTION OF THE SUN ON A SCIENTIFIC BALLOON LAUNCHED EARLY TODAY FROM SIOUX FALLS, S. D., IN CONNECTION WITH A TIROS SATELLITE LAUNCHING AT CAPE CANAVERAL, FLA.

HOWEVER, THE BALLOON WAS REPORTED THREE HOURS AFTER THE SIGHTINGS AT 114,000 FEET ABOUT 15 MILES NORTHEAST OF MASON CITY, IOWA, WHICH RULED IT OUT AS THE OBJECT REPORTED. THE OBJECT SIGHTED NEAR THE GREAT LAKES WAS SEEN ABOUT 5:15 A.M. CST. THE BALLOON WAS LAUNCHED AT 3:50 A.M.

THE UNIDENTIFIED OBJECT WAS SIGHTED IN ILLINOIS, INDIANA, OHIO AND MICHIGAN.

THE FEDERAL AVIATION AGENCY CONTROL CENTER FOR CHICAGO SAID IT SAW SOME MYSTERIOUS BRIGHT LIGHTS HIGH IN THE SKY "THAT DIDN'T LOOK LIKE A METEOR FROM THOSE WE'VE SEEN BEFORE."

THE CONTROL CENTER AT CHICAGO'S O'HARE INTERNATIONAL AIRPORT WAS EQUALLY MYSTIFIED. "EVERYBODY HAS BEEN GETTING REPORTS ON IT, BUT WE DON'T KNOW WHAT IT WAS," THE TOWER SAID.

"IT WAS SOME SORT OF OBJECT WITH A CONE TRAIL BEHIND IT, TRAVELING WEST WEST TO EAST AND VISIBLE FOR ABOUT 10 MINUTES. I'VE NEVER SEEN ANYTHING LIKE IT BEFORE," A TECHNICIAN AT O'HARE SAID.

"I'VE SEEN SOME COMETS AND IT DIDN'T LOOK LIKE ONE TO ME. IT'S BEEN REPORTED AL OVER--DOWN SOUTH OF HERE AND IN THE EAST."

ANNOUNCERS AND ENGINEERS AT [redacted] AT DANVILLE, ILL., ALSO SAID THEY SAW A "BRIGHT LIGHT TRAVELING STRAIGHT EAST AND REPORTED AVIATION OFFICIALS IN [redacted] AND [redacted], IND., ALSO HAD SIGHTED THE OBJECT.

OTHER CITIES SIGHTING THE OBJECT INCLUDED KALAMAZOO, GRAND RAPIDS, PORT HURON AND SAGINAW, MICH., AND DAYTON, LIMA, TOLEDO AND CLEVELAND, OHIO.

THE AIR TRAFFIC CONTROL CENTER AT THE [redacted] AIRPORT SAID THE OBJECT LOOKED "LIKE A BRIGHT STAR WITH A TAIL."

-(INCLUDES PREVIOUS)

TPs 52ACSTFMM

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

REPLY TO
ATTN OF: AFCIN-4X2

SUBJECT: Extract from Duty Officers' Report

23 Nov 60

TO: AFCIN-4E2, Maj Friend

The following, extracted from 1/Lt Swortzel's Report dated 22 Nov 1960, is quoted for your information:

0630 hours, received calls on UFO. Told following people that further contact would be made with them:

Mr. [redacted] Control Twr, Vandalia Arpt.
Mr. [redacted] - WING Telephone BA 2-9832
Mr. [redacted] - WIBC TV, Muncie, Ind.

JOHN C. MCNEILL
Capt, USAF
AFCIN-4X2

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

REPLY TO
ATTN OF: AFCIN-4X2

SUBJECT: Extract from Duty Officers' Report

25 Nov 60

TO: AFCIN-4E2, Maj Friend

The following, extracted from Capt Harrell's Report dated 23 Nov 60, is quoted for your information:

1720 hours, received a call from Sergeant Heath, 3079th, that Major Barrett (SAC) had called him since he had failed to contact Sergeant Bolieu. Major Barrett stated that it was not SAC 47s that dropped chaff around Selfridge.

JOHN C. MCNEILL
Capt, USAF
AFCIN-4X2

1 Atch
ATIC Fm 164

17

TELEPHONED
TO Capt Stark C
NO. 71823
TIME 24 Nov 60 2:30 pm
DATE 24 Nov 60
BY JH

NNNNCZCSQAS74ZCJYD783 1960 NOV 24 02 01

PP RJEDSQ

DE RJEZDG 47

P 250213Z ZEX

FM 551AEWCONWG OTIS AFB MASS

TO RJWFAL/ADC ENT AFB COLO

RJEZSN/26ADIV SAGE HANCOCK FLD SYRACUSE NY

RJEDSQ/ATIC WRIGHT PATTERSON AFB DAYTON OHIO

RJEZHQ/HQ USAF AFCIN WASH DC

RJEZHQ/SECRETARY AF SATIS WASH DC

RJEDAH/2-TH ADIV THUAN FLD DISC

34

1 v 4E v (UHO)
4X v W
3 1

UNCLAS FROM 551 OIN 6458.

ACTION ADC, 26TH ADIV (SAGE), ATIC, ASST CHIEF OF STAFF HQ USAF, AND OIS HQ USAF. UFO REPORT. PER PARA 15, AFR 200-2, UFO SIGHTING REPORTED AS FOLLOWS: A. OBJECT DESCRIPTION (1) BRIGHT LIGHT(S), WITH CONE OR TRIANGULAR TRAIL OF WAKE SEPARATED BY A SPACE. (2) SIZE ESTIMATED BETWEEN HEAD OF PENCIL AND BASKET-BALL FOR LIGHT, WITH TRAIL TEN TO FIFTEEN LONGER. (3) LIGHT WHITE, TRAIL BLUISH WHITE (4) TWO SIMILAR OBJECTS (5) MANEUVERED OR MOVED IN ROUGHLY PARALLEL PATHS (6) NONE (7) SEE (1) ONE AND (2) TWO ABOVE (8) NO SOUND INVOLVED IN SIGHTING

(9) LIGHTS MOVED AT TREMENDOUS SPEEDS B. COURSE DESCRIPTION: (1) OBSERVED ALONG FLIGHT PATH OF OBSERVING AIRCRAFT (2) FIRST OBJECT SIGHTED AT 2 O'CLOCK HIGH, APPEARED TO BE APPROACHING ON NORTHWEST HEADING, MOVED UP AND NORTHWARD WITHIN AN ESTIMATED 20 DEGREES OF ARC OF SKY, CONSTANTLY VISIBLE UNTIL DISAPPEARANCE. SECOND OBJECT APPEARED SHORTLY AFTER FIRST, MOVED IN ROUGHLY PARA-LLEL COURSE, OBSERVED INTERMITTENTLY, CLIMBED ACROSS PATH OF FIRST OBJECT TO HIGHER POSITION, BOTH DISAPPEARING TOGETHER. (3) DIS-APPEARED AT POINT BETWEEN ZERO AND FIVE DEGREES ABOVE FLIGHT LEVEL. (4) APPEARED ABOUT FIVE DEGREES APART (SEE (2) ABOVE). (5) VAN-ISHED (6) OBSERVED OVER PERIOD OF EIGHT MINUTES C. MANNER OBSERVATION: (1) AIR-VISUAL, NO CONTACT ON APS 42 OPERATING AT TIME (2) NO OPTICAL AIDS (3) OBSERVED FROM COCKPIT OF RC121 AIRCRAFT NUMBER 523418 AT 15,000 FT, COMPASS HEADING 331 DEGREES,

D. TIME/DATE: (1) 231115Z (2) DAWN WITH ENOUGH LIGHT TO SEE BUILDINGS ON GROUND, NO MOON. E. LOCATION: AIRCRAFT DIRECTLY OVER CHICAGO HEIGHTS VOR RADIO 41 DEGREES 34 MINUTES NORTH, 87 DEGREES 54 MINUTES WEST. F. OBSERVERS: (1) CAPTAIN ROBERT L. ELDRED, 96TH AEW&CON SQ, AIRCRAFT COMMANDER, RELIABLE, FIRST UFO,

3 YEARS ALASKA EXPERIENCE WITH AURORA. (2) SSGT KENNETH M. CAIN, 96TH AEW&CON SQ, FLIGHT ENGINEER, RELIABLE.IG. WEATHER: (1) WIND AT ALTITUDE ESTIMATED 70 KNOTS FROM 280 DEGREES, FLIGHT ALTITUDE TEMPERATURE -5 DEGREES CENTIGRADE UNCORRECTED, LIGHT CLEAR AIR TURBULENCE BEING EXPERIENCED. (2) NOT AVAILABLE (3) & (4) CAVU (5) NO CLOUDS OBSERVED (6) NEGATIVE (7) NOT AVAILABLE

H. OTHER ACTIVITY: AIRCRAFT WAS IN UHF CONTACT WITH ANOTHER AIRCRAFT OVER WALNUT RIDGE, ARKANSAS, AT 34000 FEET, IDENTIFIED AS PACER 91 WHO ALSO WAS OBSERVING THE LIGHTS ABOVE HIM.

I. NOT APPLICABLE, SIGHTING WAS REPORTED BY OBSERVING AIRCRAFT TO CHICAGO CENTER RADIO WITH WHOM A POSITION REPORT WAS BEING MADE. GROUND RADIO PERSONNEL REMARKED ALSO SIGHTING LIGHT FROM THEIR GROUND POSITION. K. PREPARING OFFICER: CAPTAIN KEITH H. LOREHOUSE, WING INTELLIGENCE OFFICER, 551ST AEW&CON WING.

COMMENT: NO KNOWN ASSOCIATED SIGHTING IN LOCAL AREA NEW ENGLAND.

L. NO PHYSICAL EVIDENCE OR PHOTOS.

BT

23/2245Z NOV RJEZDG

NNNN

V

RA156 1930 NOV 23 22 49

UCZCSQBS35ZCAHA175

PP RJEDSQ

DE RJEDAH 34

P 2318452 ZEX

FM CADS TRUAX FLD WIS

TO RJWFAL/ADC ENT AFB COLO

RJEDSQ/ATIC WPAFB OHIO

RJEZHQ/HQ USAF WASHDC

RJEZHQ/SAFS WASHDC

BT

UNCLAS/CHOIN 11-3. FOR INTELLIGENCE. SAFS ATTN INFO SVCS. IMMEDIATE

ACTION REQUIRED. UFO. REFERENCE AFR 200-2, PAR 15.

A. (1) VARIED BETWEEN BALL AND SHAPLESS.

(2) UNKNOWN

(3) REDDISH WHITE

(4) ONE

(5) NONE

(6) NONE

(7) LONG WHITE TRAIL

(8) NONE

(9) VERY BRIGHT

B. (1) AIRLINE AND CONTROL TOWER REPORTS

(2) APPROX 15000 FT SOUTHEAST CHICAGO

(3) NORTHEAST INTO LAKE MICHIGAN

(4) SWUNG SOUTHWEST, THEN SOUTH

(5) FROM SOUTH TO NORTHEAST, THEN NORTH INTO LAKE MICHIGAN

(6) FOUR TO FIVE MINUTES

C. (1) VISUAL

(2) BINOCULARS

(3) NUMEROUS PILOT REPORTS TO ARTC (CHICAGO)

D. (1) 1124Z 23 NOV 60

(2) NIGHT

E. (1) CHICAGO ARTC

(2) CHICAGO, ILLINOIS

F. (1) MR. [redacted], AGE: 49, [redacted], BERWYN, ILLINOIS

G. (1) CLEAR

(2) A. NW/8; B. 290/15; C. 260/25; D. 250/40; E. 250/60;
F. 250/105; G. 250/65; H. 60,000 FT: 250/45.

(3) NONE

(4) 15 PLUS

(5) NONE

(6) NONE

H. NONE

I. NONE - INSUFFICIENT TIME

J. NONE

K. MAJOR BILLY D WELCH, SR DIRECTOR, CHICAGO ADS

(2) REPORTS FROM SEVERAL SOURCES WERE CONSISTANT AS TO COLOR OF OBJECT.

(3) UNKNOWN

L. NONE

M. NONE

REMARKS: O'HARE AND MIDWAY AIRPORTS TOWER OPERATORS AND SEVERAL PERSONS IN CHICAGO ARTC WITNESSED THE OBJECT. CHICAGO ARTC ALSO RECEIVED REPORTS FROM SEVERAL AIRCRAFT AND FROM PEORIA AND SPRINGFIELD, ILLINOIS TOWERS. A CHECK WITH UNIV OF WISC METEOROLOGICAL OBSERVATORY REVEALED NO METEORS OR OTHER OBJECTS THAT COINCIDED WITH THE DISCRIPTION GIVEN. BUNKER HILL AFB, PERU, INDIANA, ALSO REPORTED THIS OBJECT.

BT

NNNN

RECEIVED
ATIC

CZCSQG43ZCAHA698

RR RJEDSQ

DE RJEDAH 56

R 291715Z ZEX

1960 NOV 30 03 19

FM HQ CADS TRUAX FLD WIS

TO ATIC WPAFB OHIO

BT

UNCLAS/CHOIN 11-4. FOR INTELLIGENCE. SUBJECT: UFO. REF MY CHOIN 11-3, 23 NOV 60 AND TEL CONVERSATION WITH SGT BOLIU, ATIC. CONTACT WITH INDIVIDUAL FAA TOWERS REVEALS THE FOLLOWING: OHARE APT, CHICAGO: OBJECT FIRST SIGHTED 0520 CST 23 NOV 60 SOUTHEAST OF AIRPORT, FLEW 240 DEGREES, THEN 180 DEGREES. TURNED 080 DEGREES AND DISAPPEARED ON A COURSE OF 050 OVER LAKE MICHIGAN. OBSERVER FEELS IT WAS NOT A BALOON. IT FIRST APPEARED TO BE AN AIRCRAFT WITH LANDING LIGHTS APPROACHING OBSERVER THEN LIKE AN ACFT TAIL LIGHT RECEEDING FROM OBSERVER. OBSERVER: MR [redacted] AGE: 30, [redacted], AURORA, ILLINOIS.

BUNKER HILL AFB, INDIANA: MSGT RIVIERA, NCOIC OF AACS DETACHMENT REPORTS OBJECT WAS ON HEADING OF Ø9Ø DEGREES. APPEARED TO BE A METEOR. ANOTHER AIRMAN SAME LOCATION THROUGHT IT LOOKED LIKE A B-52. CAPITAL APT, SPRINGFIELD, ILLINOIS: OBSERVER WAS MR MARTIN T. HUSAR, FAA CONTROLLER, LOG ENTRY READS: 1120Z, COMET LIKE OBJECT OBSERVED ON EAST HORIZON. SEEMED TO BE LIGHT SIMILAR TO ROCKET ENGINE WITH TRAIL THAT FANNED OUT BEHIND IT.

PEORIA APT, ILLINOIS: NO LOG ENTRY COVERING THIS SIGHTING AND NO ONE THERE WAS AWARE OF IT.

ALL PARTIES ARE IN AGREEMENT THAT THE OBJECT WAS NOT A BALOON.

BT

29/1721Z NOV RJEDAH

NNNN

M

RE154

1950 NOV 23 22 48

ZCSQQD826ZCBWA439

PP RJEDSQ

DE RJEDBW 10

P 232130Z

FM DETROIT ADS CUSTER AFS MICH

TO RJWFAL/ADC ENT AFB COLO

RJEDAH/30 AIR DIV SAGE TRUAX FLD WISC

RJEDSQ/AEROSPACE TECHNICAL INTELLIGENCE CTR WRIGHT PATTERSON AFB OHIO

RJEZHQ/HQ USAF AFCIN WASHINGTON 25 D C

RJEZHQ/SECRETARY OF THE AIR FORCE SAFIS WASH 25 DC

RJEDFJ/1 FTR WG SELFRIDGE AFB MICH

BT

UNCLASS DEOIN 3376.

SUBJ: UFO. BECAUSE OF PAUCITY OF DETAIL ON SIGNIFICANT POINTS, FORMAT IN PARAGRAPH 15, AFR 200-2, IS NOT USED IN THIS REPORT. NUMEROUS REPORTS OF UNIDENTIFIED FLYING OBJECT ACROSS LOWER PORTION OF MICHIGAN RECEIVED AT THIS HEADQUARTERS UP TO 231430Z NOV 50. REPORTED OBSERVATIONS ALL OCCURRED BETWEEN 231120Z AND 231400Z. FIRST REPORTED SIGHTING WAS BY MR [redacted] (TELEPHONE [redacted]), OF RADIO STATION "[redacted]", KALAMAZOO

HE REPORTED TWO BRIGHT LIGHTS OBSERVED EAST OF KALAMAZOO AT 1120ZM NO FURTHER DATA. NEXT REPORTED SIGHTINGS WERE VICINITY OF BATTLE CREEK BETWEEN 1130Z AND 1200Z. MOST REPORTS DESCRIBED A BRILLIANT, SHINY OBJECT, FLOATING TOWARD THE EAST-NORTHEAST OF BATTLE CREEK. SEVERAL REPORTS HERE DESCRIBED A FAN-SHAPED "TAIL" APPARENTLY HANGING FROM THE OBJECT. "TAIL" APPEARED TO OSCILLATE IN FLIGHT. NO FURTHER DATA. LAST REPORTED SIGHTINGS (MANY IN NUMBER) OCCURRED VICINITY OF DETROIT AND SELFRIDGE AFB APPROXIMATELY 1330Z TO 1400Z. OBJECT APPEARED TO RESEMBLE BALLOON ON NORTHEAST HEADING. NO FURTHER DATA.

COMMENTS OF PREPARING OFFICER: 1. NO UFO WAS TRACKED BY DETROIT AIR DEFENSE SECTOR FACILITIES DURING STATED TIME PERIODS. 2. A GENERAL TEMPERATURE INVERSION CONVERED THE SECTOR AREA DURING THE MORNING. 3. WIND PATTERNS WERE SUCH THAT A BALLOON LAUNCHED IN AREA TO THE WEST AND NORTHWEST OF DETROIT SECTOR WOULD TRANSIT THE SECTOR

ALONG THE LINE KALAMAZOO-BATTLE CREEK-DETROIT.

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ALONG THE LINE KALAMAZOO-BATTLE CREEK-DETROIT.

ALONG THE LINE KALAMAZOO-BATTLE CREEK-DETROIT.
4. NO NOTAMS WERE RECEIVED AT DETROIT ADS CONCERNING A BALLOON LAUNCH. 5. TELEPHONE CHECKS WITH GENERAL MILLS, MINNEAPOLIS; U.S. WEATHER BBUREAU, GREEN BAY; RAVEN INDUSTRIES, SIOUX FALLS; G. T. SCHJELDAHL CO, NORTHFIELD, MINN; UNIVERSITY OF MINNESOTA PHYSICS DEPARTMENT, MINNEAPLLIS; AND FERMI INSTITUTE OF UNIVERSITY OF CHICAGO ALL PROVED NEGATIVE AS REGARDS THEIR LAUNCHING OF BALLOONS WHICH COULD HAE BEEN THE OBJECT REPORTED SIGHTED IN MICHIGAN. 6. SUNRISE IN LOCAL AREA WAS AT 2312392. 7. COMPLETE WEATHER AND WIND DATA WILL BE SUBMITTED IN FOLLOW-UP MESSAGE.
3. OBJECT SIGHTED APPEARS TO HAVE BEEN AN INSTRUMENTED BALLOON OF AS YET UNKNOWN ORIGIN.
BT
23/2132Z NOV RJEDBW

NNNN

RECEIVED
1960 DEC 1 22 27

RA153

MMCZCSQE4712CBWA737

RR RJEDSQ

DE RJEDBW 12

R 012000Z ZEX

FM DETROIT ADS CUSTER AFS MICH

TO RJWFAL/ADC ENT AFB COLO

RJEDAH/30 AIR DIV SAGE TRUAX FLD WISC

RJEDSQ/AEROSPACE TECHNICAL INTELLIGENCE CTR WRIGHT PATTERSON AFB OHIO

RJEZHQ/HQ USAF AFCIN WASH 25 D C

RJEDFJ/1 FTR WG SELFRIDGE AFB MICH

AF GRNC

BT

UNCLASS DEOIN 3425. REF OUR MSG DEOIN 3376 DTD 23 NOV 60. THE FOLLOWING IS THE WEATHER FOR THE BATTLE CREEK AREA ON 23 NOV 60. AT 1100Z ON 23 NOV BTL WAS CLEAR 15 PLUS MILES VISIBILITY, SURFACE WIND NW AT SIX KNOTS. AT 1200Z BTL WAS CLEAR 15 PLUS MILES VISIBILITY, SURFACE WIND NW AT EIGHT KNOTS. WINDS ALOFT: 6000 FT-310/25; 10,000 FT-290/30; 16,000 FT-270/55; 20,000 FT-270/70; 30,000 FT-260/85; 50,000 FT-250/65; 80,000 FT-330/10. TEMPERATURE GRADIENT SHOWS: 1. INVERSION FROM SFC TO 3200 FT, TEMP ROSE 3 DEGREES C IN THIS INTERVAL. 2. A NORMAL LAPSE RATE FROM 3200 FT TO 12,000 FT. TEMP FELL 17 1/2 DEGREES C IN THIS INTERVAL. 3. INVERSION FROM 12,000 FT TO 13,500 FT, TEMP ROSE 3 DEGREES C IN THIS INTERVAL. 4. ALL ABOVE 13,500 FT IS NORMAL.

BT

2 1/2025Z NOV RJEDBW

UNCLASSIFIED
CLASSIFICATION

COUNTRY OF ACTIVITY REPORTING: United States of America
REPORT NO.: IR-34-60
(Leave blank)

AIR INTELLIGENCE INFORMATION REPORT

COUNTRY OR AREA REPORT CONCERNS: Scott AFB and Centralia, Illinois
DATE OF INFORMATION: 23 Nov 1960

ACTIVITY SUBMITTING REPORT: 1405th ABW (MATS)
Scott AFB, Ill
DATE OF COLLECTION: 23 Nov 1960
SRI STATUS (If applicable)
SRI NO.
CANCELED/COMPLETE

PREPARING INDIVIDUAL: William Y. McPherson
DATE OF REPORT: 23 Nov 1960
SRI NO.
CANCELED/INCOMPLETE

NAME OR DESCRIPTION OF SOURCE: W[redacted] and A/2C G. R. Hamilton
EVALUATION
SRI NO.
ACTIVE
ADDITIONAL INFORMATION ON (Date)

REFERENCES (EAIR Subject, previous reports, etc., as applicable)

None

SUBJECT (Descriptive title. Use individual reports for separate subjects)

(U) Unidentified Flying Object Report

SUMMARY (Give summary which highlights the salient factors of narrative report. Begin narrative text on AF Form 112a unless report can be fully stated on AF Form 112. List inclosures, including number of copies)

A report of an unidentified flying object was provided the Base Clearance Officer by [redacted], a civilian fireman at Scott AFB, and A/2C G. R. Hamilton, 11th AMTS, the morning of 23 November 1960. Another civilian employee, Mr. [redacted] Centralia, Illinois, provided a similar report to the Base Operations Officer when he reported for duty at the USAF Hospital, Scott AFB. All parties reported a bright object due East of Scott AFB, which appeared to hover for some time and then disappeared in a northeasterly direction. This object was also to the East of Centralia, Illinois, as reported by Mr. [redacted]

The St. Louis Air Route Traffic Control Section indicated there were no IFR flights in the area of the sightings at the time specified. The 798th AC&W Squadron, which has a 200 mile radar capability, reported no aircraft in the area of the sightings at the time specified. A St. Louis broadcast station indicated in a news summary that a scientific balloon was released in South Dakota early the morning of 23 November 1960. The U.S. Weather Bureau, St. Louis, Missouri had no knowledge of the balloon. Many other persons have been quoted by the press and radio in the St. Louis area as having seen a fiery object fall East of St. Louis, Missouri. This is considered to be a coincidence, however, as the objects described herein were a brilliant white, and were stationary during part of the sighting. The fiery object was a meteorite, according to radio reports. This headquarters is unable to determine the nature of the INCLS object, and is forwarding this information IAW paragraph 13b, AFR 200-2.

APPROVED:

Robert DeBord

ROBERT L. DEBORD
Lt Colonel, USAF
Operations Officer

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AF FORM 15 SEP 54 112 REPLACES AF FORM 112, 1 OCT 52, WHICH MAY BE USED

U.S. GOVERNMENT PRINTING OFFICE: 1954 O — 315475

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SUPPLEMENT TO AF FORM 112

ORIGINATING AGENCY	REPORT NO.	PAGE 2 OF 5 PAGES
1405th ABW (MATS) Scott AFB, Ill	IR-34-60	

a. Description of the Object:

(1) Shape. Mr. [redacted] and A/2C Hamilton --- Star
Mr. [redacted] --- Reverse J (6)

(2) Size. Star

(3) Color. Bright white light. Brighter than any star.

(4) Number. Mr. [redacted] and A/2C Hamilton --- Two
Mr. [redacted] --- one

(5) Formation. Separated

(6) Any discernible features or details.

Mr. [redacted] and A/2C Hamilton stated there was a beam of light aimed downward and to the South.

(7) Tail, trail or exhaust.

None.

(8) Sound.

None.

(9) Other pertinent or unusual features.

None.

b. Description of Course of Objects:

(1) What first called the attention of observer(s) to the object(s)?

Brilliance of object.

(2) Angle or elevation and azimuth of the object(s) when first observed.

Mr. [redacted] and A/2C Hamilton --- Elevation 30°, Azimuth 90°
Mr. [redacted] --- Elevation 45°, Azimuth 90°

(3) Angle or elevation and azimuth of object(s) upon disappearance.

Mr. [redacted] and A/2C Hamilton --- Elevation 30°, Azimuth 45°
Mr. [redacted] --- Elevation 45°, Azimuth 45°

(4) Description of flight path and maneuvers of object(s).

Hovered for few minutes, then moved rapidly towards NE and disappeared.

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CLASSIFICATION (when filled in)

SUPPLEMENT TO AF FORM 112

ORIGINATING AGENCY	REPORT NO.	PAGE 3 OF 5 PAGES
1405th ABW (MATS) Scott AFB, Ill	IR-34-60 6	

(5) How did the object(s) disappear?

Instantaneously to the Northeast.

(6) How long was the object(s) visible. (Be specific, 5 minutes, 1 hour, etc)

Approximately five (5) minutes.

c. Manner of Observation:

(1) Use one or any combination of the following items: Ground-visual, ground-electronic, air electronic. (If electronic, specify type of radar).

Ground-visual.

(2) Statement as to optical aids (telescopes, binoculars, and so forth) used and description thereof.

No optical aids.

(3) If the sighting is made while airborne, give type of aircraft, identification number, altitude, heading, speed and home station.

N/A

d. Time and Date of Sighting:

(1) Zulu time - date group of sighting.

Mr. [redacted] and A/2C Hamilton -- 231130 Z
Mr. [redacted] -- 231115 Z

(2) Light conditions - (Night, day, dawn, dusk).

Night.

e. Location of Observer(s). Exact latitude and longitude of each observer, and/or geographical position. A position with reference to a known landmark also should be given, such as "2 mi N of Deeville," "3 mi SW of Blue Lake". Typographical errors or "Garbling" often result in electrically transmitted messages, making location plots difficult or impossible.

Mr. [redacted] and A/2C Hamilton -- Flight Line at Scott AFB.
Mr. [redacted] -- Centralia, Illinois, approximately 45 miles East of Scott AFB.

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UNCLASSIFIED
CLASSIFICATION (when filled in)

SUPPLEMENT TO AF FORM 112

ORIGINATING AGENCY	REPORT NO.	PAGE 4 OF 5 PAGES
1405th ABW (MATS) Scott AFB, Ill	IR-34-60	

f. Identifying Information on Observer(s):

(1) Civilian - Name, age, mailing address, occupation.

Mr. [redacted]
[redacted] Box 62,
O'Fallon, Illinois
Civilian Fireman, Scott AFB

Mr. [redacted]
[redacted]
Centralia, Illinois
Janitor, USAF Hospital

(2) Military - Name, grade, organization, duty, and estimate of reliability.

A/2C G. R. Hamilton
11th Aeromedical Transport Sq
Scott AFB, Illinois
Aircraft Mechanic
Considered very reliable.

g. Weather and Winds - Aloft Conditions at Time & Place of Sightings:

(1) Observer(s) account of weather conditions.

Clear, but still dark

(2) Report from AWS, Scott AFB.

231100Z

Surface	- 360/6
6,000	- 020/20
10,000	- 270/25
16,000	- 275/45
20,000	- 270/55
30,000	- 260/75
50,000	- 265/60
80,000	- 040/15

(3) Ceiling

231100Z -- None.

(4) Visibility

231100Z -- 10 miles.

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ORIGINATING AGENCY	REPORT NO.	PAGE 5 OF 5 PAGES
1405th ABW (MATS) Scott AFB, Ill	IR-34-60	

(5) Amount of cloud cover

None.

(6) Thunderstorms

None.

(7) Temperature gradient

Normal on surface
Weak inversion to 10,000 ft
Standard aloft

h. Other Unusual Activity - None.

i. Interception Action - None.

j. Air Traffic - None.

k. Position Title and Comments of Preparing Officer.

If it can be determined that a scientific balloon was released in South Dakota early the morning of 23 November 1960, it is quite possible that the "jet stream" and wind direction shown above could have carried the balloon to the area of sighting, at the times reported. Change in altitude could account for the apparent change in direction and disappearance. Also, from previous knowledge of similar incidents, aerial photo flares can be seen for hundreds of miles. Inasmuch as Wright-Patterson AFB is northeast of Scott AFB, it is feasible that an ARDC test was being undertaken involving a photo flare.

l. Physical Evidence - None.

William J. McPherson
WILLIAM J. MCPHERSON
Civilian
Plans & Programs Officer

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JOINT MESSAGEFORM

SECURITY CLASSIFICATION

SPACE BELOW RESERVED FOR COMMUNICATION CENTER

1960 DEC 5 21 49

PRECEDENCE	TYPE M&G (Check)			ACCOUNTING SYMBOL	ORIG. OR REFERS TO	CLASSIFICATION OF REFERENCE
ACTION ROUTINE	BOOK	MULTI	SINGLE	AF	MTGRPO-23-11-18E	SECRET
INFO						

FROM:

ATTC W-P AFB

TO:

PATRICK AFB, FLA

UNCLASSIFIED

[redacted] CIN-1E2x 12 3463-E

YOUR CLASSIFIED MSG MTGRPO-23-11-18E, DTD 23 NOV 60, REF TEST 3804, WHAT WAS THE BURNING TIME OF EACH STAGE? AT WHAT ALTITUDE AND TIME DID EACH STAGE BURN OUT?

SPECIAL INSTRUCTIONS

Classification Cancelled
Auth Director DCS/P
By [redacted]
Date
AFR 205-1 Par 2-17a
5 Jan 61

[redacted]

DATE	TIME
2	1300
MONTH DEC	YEAR 1960

WRITER

SYMBOL

1 AFCIN-1E2x

TYPED NAME AND TITLE (Signature, if required)

Major Robert J. Friend

PHONE 69215 | PAGE NR. 1 | NR. OF PAGES 1

SECURITY CLASSIFICATION [redacted]

RELEASER

SIGNATURE

Lt Col Major USAF

TYPED (or stamped) NAME AND TITLE

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

DD FORM 1 MAY 56 173 REPLACES DD FORM 173, 1 OCT 49, WHICH WILL BE USED UNTIL EXHAUSTED

[redacted]

RECEIVED

CDU 0,

AFTC 1960 DEC 6 23 30

17 4E2X
2
3
4 4X2A

SQB501

ADC 896FQB850FQK&87

RR RJEDSQ

DE RJEXFQT 320

R 062115Z

FM AFMTC PATRICKK AFB FLA

TO AFTIC WPAFB OHIO

BT

[redacted] Info Bal C

FROM MTGTPO-06-12-07E. REF URMSG AFCIN-4E2X 12-346-E U. TEST 3804 LAUNCH OF DELTA III-TIROS II-THOR 245 THE BURNING TIMES ARE AS FOLLOWS:

MAIN ENGINE CUTOFF 157.4 SEC ALTITUDE 62.6 NM; SECOND STAGE IGNITION 161.4 SEC ALTITUDE 65.6 NM; SECOND STAGE ENGINE CUTOFF 273.2 SEC ALTITUDE 182.3 NM; THIRD STAGE IGNITION 720.5 ALTITUDE 381.8 NM (NOMINAL); THIRD ENGINE CUTOFF 758.5 SEC ALTITUDE 380 NM (NOMINAL).

BT

06/2210ZDEC RJEXFQT [redacted]

[redacted]

Classification Cancelled
Authority DDP
By Gunlone Mc
Date
FOIA 2051, Par 2-17c
3 Jan 68

[redacted]

NN

SUMMARY OF UFO SIGHTINGS ON MORNING 23 NOV. 60.

1. At about 0810 called Col. Thompson at Patrick AFB, Fla. to determine if the sightings could be the result of a missile fireing. He stated that a Tiros Satellite was launched at 0613 EST on a NE trajectory. He said that when the observers xxx position was in darkness, as the midwest was at the time, the missile would appear to be burning, when in reality it was reflecting sunlight. He said that this was a frequently observed occurance from the Cape. When the missile engine has burned out, the missile is in sunlight and the untrained eye cannot distinguish between the reflection and the missiles exhaust.

2. At about 0820, called Mr. [redacted] an observer who was on first duty in the control tower at Cox Minicipal Airport. He said that the object was seen to the ~~Northeast~~ East Southeast of his position and appeared to be over W-P AFB. He said that it appeared to be burning, and last seen to the East. This coincides with the position of Tiros II.

3. 25 Nov 60 called Raven Industries to determine if a balloon launched by them could be responsible for some of the reported sightings. From the information received from them, a balloon released by them at 0450 EST was probably responsible for the sightings reported over Illinois, Minnisota and Northern Michigan. It moved from Souix Falls, South Dakota, east to Northern Michigan.

4. Called the Ottowa NORAD Sector to determine if any Canadian Aircraft was responsible for the reported chaff drop in the Selfridge AFB, area. They had no knowledge of such a drop, even though they originaly said there was definitely a chaff drop made by a B-47. SAC Headquarters deny dropping chaff.

5. Major Love, Intelligence officer of the Detroit Air Defence Sector, said that there was a fairly big temperature inversion over the whole area of Michigan. This could possibly explain some of the strange lights seen.

xxxx

Balloon track of balloon launched by Raven Industries at 0950Z 23 Nov 60.

0950Z on 90 degree heading at 35 knots at 109,000 feet.

1200Z on 90 degree heading 50 miles WNW of Mason City, Iowa at 109,000 feet.

1400Z on 90 deg heading 15 miles NE of Mason City at 109,000 feet at 35 knots.

1600Z on 92 deg heading 40 miles E. of Lonerock, Wisc. at 109,000 fet at 39 knots.

1800Z on 76 deg heading 30 miles SW of Oshkosh, Wish at 109,000 ft at 41 knots.

1900Z 17 miles ~~mx~~ E. of Oshkosh

2113Z 16 mi SE of Manistee, Mich where the flight terminated.

Termination forcast was 2120Z 45 miles SW of Traverse City.

[redacted] DASA-9794

RAVEN INDUSTRIES

[redacted]

PHOENIX, S. DAK.
(SIOUX FALLS)

OFFICIAL FILE COPY

AFCIN-4B2x

UFO Sighting (Mr [redacted])

SAFOI-3d (L/Col Tacker)

1. Reference attached copy of a letter to the Aerospace Technical Intelligence Center from Mr [redacted], dated 8 December 1960. Mr [redacted] is the Aviation Writer for a Painesville, Ohio newspaper called "[redacted]".

2. Specific information concerning the launching of Tiros II; such as ignition times, burning times of the various stages, and altitudes of burn out are legitimate classified information.

3. Mr [redacted] should be advised that during its initial flight path Tiros II did not pass over Ohio. The initial heading was generally northeast from Cape Canaveral and the flight path would have been generally parallel to the east coast of the United States and averaged approximately 200 miles at sea. The classified data of the firing does reveal the fact that it was high enough to be seen from locations as far west as Chicago. At the general time of the sightings, 0625 EST, Tiros II was in horizontal flight and the third stage was in operation. The general descriptions by the witnesses also matches those given by missile men from experiences with other launchings.

4. Only one balloon launching, other than regular weather balloons, could be determined for 23 November 1960. This balloon was launched by Raven Industries from Sioux Falls, South Dakota at 0950Z on 23 November 1960. This balloon was of the Skyhook type, reached a diameter of 159 feet and flew at an altitude of 115,000 feet. The flight path of this balloon was generally east from Sioux Falls to Lone Rock, Wisconsin where it turned generally northeast to Oshkosh, Wisconsin, where it resumed its eastward flight path to Manistee, Michigan, at which point it was brought down. The flight was terminated at 2113Z on 23 November 1960.

5. There was a general temperature inversion over Michigan on the morning of 23 November 1960. It is possible that the atmospheric optics associated with this phenomena, coupled with the excitement generated by the early morning viewings of Tiros II, could be responsible for the large number of reports subsequent to the Tiros II event.

6. It is the AFCIN opinion that the sightings which occurred at approximately 0625 EST were due to the viewing of the launching of Tiros II. In the absence of sufficient data, the subsequent sighting cannot be tied to a specific incident or event and, therefore, must remain unidentified.

7. Mr [redacted] address is:

Mr [redacted]
Painesville, Ohio

FOR THE COMMANDER:

for Leo J. Gallagher USAF

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

2 Atch:
1. Cy ltr 3 Dec 60
sgnd [redacted]
2. Newspaper clipping

COORDINATION:

AFCIN-4E2x Robert J. Friswold Maj Date 16 Dec 60

AFCIN-4E2 H. E. Maitlen Date 12/19/60

[redacted]

Address all communications
to the company

Dec. 8, 1960

Commanding General
Aerospace Technical Intelligence Center
Wright-Patterson Air Force Base, Ohio

Dear Sir:

In line with my efforts to determine the exact nature of an unidentified flying object seen in this area on Nov. 23, I have a number of questions prompted by a letter from Lt. Col. Lawrence J. Tacker, USAF Public Information Division, Office of Information, Washington, D. C.

I recently wrote Lt. Col. Tacker for an explanation of the sighting (see clipping attached). In reply, he said that the original sighting in the mid-west on the morning of Nov. 23 was of Tiros II, just launched, and that later sightings were of instrumented balloons which had been released in conjunction with the satellite launching.

What were the circumstances of the passage of Tiros II over northern Ohio? When was it over here, how high was it, what direction was it going, how fast was it travelling?

Reports at the time referred to a single balloon launched from Sioux Falls, South Dakota. Where was this one at 0615 to 0630 EST, Nov. 23? At what time and altitude did it achieve approximately spherical shape? How large was it? If there were other balloons in this area at about the same time, where were they, how large, etc.?

The large number of reports from a wide area seemed to agree quite well on time and appearance. That they were of a single, conventional object seems somewhat doubtful to me. Any light you can shed on this matter will be sincerely appreciated.

Co[redacted]s,

[redacted]
Aviation Writer

Describe Object!

2 Area Men Report UFO

"I never saw anything like it before!"

Earl Reid Jr., of Montville, one of three men from the Diamond Alkali Co. who saw an unidentified flying object early this morning, added that it was "as bright as the moon, shaped like a comet and moving at a good rate of speed."

The object was spotted as he drove up Rt. 86 along Moody Hollow Hill at 6:30 a.m. "It was between two clouds, just as it was beginning to get light. It was bigger than the crescent moon.

"I watched it for about 10 seconds," Mr. Reid went on. "When I got to the stop light I looked again, but it was gone."

"The thing had a round head, like a comet, and a tail that was pointed down."

He explained that he didn't think too much about it until he got to work. Then, several fellow employes, including his foreman, Donald Kalbaugh, remarked about it, he said.

Mr. Kalbaugh, 46 Lakeview Dr., Painesville Township Park, said he saw it twice. "The first time was when I stepped out the door and started for the car, about 6:20 a.m. It was curved, like it was making a turn. When I looked again, the tail was straight. Altogether I saw it for about a minute."

AF IN : 402 (23 Nov 60)

ACTION : CIN-14

INFO : OOP-3, SAFS-3

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE DIVISION
UNCLASSIFIED MESSAGE

I N C O M I N G

(21)

01

NNNN

SMD A196

CZCHQD886ZCYJF457

PP RJEZHQ

DE RJEDAH 34

P 231845Z ZEX

FM CADS TRUAX FLD WIS

TO RJWFAL/ADC ENT AFB COLO

RJEDSO/ATIC WPAFB OHIO

RJEZHQ/HQ USAF WASHDC

RJEZHQ/SAFS WASHDC

BT

UNCLAS/CHOIN 11-3. FOR INTELLIGENCE. SAFS ATTN INFO SVCS. IMMEDIATE ACTION REQUIRED. UFO. REFERENCE AFR 200-2, PAR 15.

A. (1) VARIED BETWEEN BALL AND SHAPLESS.

(2) UNKNOWN

(3) REDDISH WHITE

(4) ONE

(5) NONE

(6) NONE

(7) LONG WHITE TRAIL

(8) NONE

PAGE TWO RJEDAH 34

(9) VERY BRIGHT

B. (1) AIRLINE AND CONTROL TOWER REPORTS

(2) APPROX 15000 FT SOUTHEAST CHICAGO

(3) NORTHEAST INTO LAKE MICHIGAN

(4) SWUNG SOUTHWEST, THEN SOUTH

(5) FROM SOUTH TO NORTHEAST, THEN NORTH INTO LAKE MICHIGAN

(6) FOUR TO FIVE MINUTES

C. (1) VISUAL

(2) BINOCULARS

(3) NUMEROUS PILOT REPORTS TO ARTC (CHICAGO)

D. (1) 1124Z 23 NOV 60

(2) NIGHT

E. (1) CHICAGO ARTC

(2) CHICAGO, ILLINOIS

F. (1) MR. [redacted] AGE: 49, [redacted] BERWYN, ILLINOIS
WATCH SUPERVISOR, CHICAGO ARTC. CONSIDERED VERY RELIABLE.

G. (1) CLEAR

(2) A. NW/8; B. 290/15; C. 260/25; D. 250/40; E. 250/60;
F. 250/105; G. 250/65; H. 60,000 FT: 250/45.

(3) NONE

PAGE THREE RJEDAH 34

(4) 15 PLUS

(5) NONE

(6) NONE

H. NONE

I. NONE - INSUFFICIENT TIME

J. NONE

K. MAJOR BILLY D WELCH, SR DIRECTOR, CHICAGO ADS

(2) REPORTS FROM SEVERAL SOURCES WERE CONSISTANT AS TO COLOR OF OBJECT.

(3) UNKNOWN

L. NONE

M. NONE

REMARKS: O'HARE AND MIDWAY AIRPORTS TOWER OPERATORS AND SEVERAL PERSONS IN CHICAGO ARTC WITNESSED THE OBJECT. CHICAGO ARTC ALSO RECEIVED REPORTS FROM SEVERAL AIRCRAFT AND FROM PEORIA AND SPRINGFIELD, ILLINOIS TOWERS. A CHECK WITH UNIV OF WISC METEOROLOGICAL OBSERVATORY REVEALED NO METEORS OR OTHER OBJECTS THAT COINCIDED WITH THE DISCRIPTION GIVEN. BUNKER HILL AFB, PERU, INDIANA, ALSO REPORTED THIS OBJECT.

BT

23/1846Z NOV RJEDAH

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE DIVISION
UNCLASSIFIED MESSAGE

I N C O M I N G
Z/ccm

AF IN : 368 (23 Nov 60)

ACTION : CIN--14

INFO : OOP-3, SAFS-3 (21)

SMD A192

CZCHQC132ZCYJD125

PP RJEZHQ

DE RJEDBW 1Ø

P 232130Z

FM DETROIT ADS CUSTER AFS MICH

TO RJWFAL/ADC ENT AFB COLO

RJEDAH/3Ø AIR DIV SAGE TRUAX FLD WISC

RJEDSQ/AEROSPACE TECHNICAL INTELLIGENCE CTR WRIGHT PATTERSON AFB

OHIO

RJEZHQ/HQ USAF AFCIN WASHINGTON 25 D C

RJEZHQ/SECRETARY OF THE AIR FORCE SAFIS WASH 25 DC

RJEDFJ/1 FIR WG SELFRIDGE AFB MICH

BT

UNCLASS DEOIN 3376.

SUBJ: UFO. BECAUSE OF PAUCITY OF DETAIL ON SIGNI-

FICANT POINTS, FORMAT IN PARAGRAPH 15, AFR 2ØØ-2,

IS NOT USED IN THIS REPORT. NUMEROUS REPORTS OF

UNIDENTIFIED FLYING OBJECT ACROSS LOWER PORTION

OF MICHIGAN RECEIVED AT THIS HEADQUARTERS UP TO

231430Z NOV 60. REPORTED OBSERVATIONS ALL

OCCURRED BETWEEN 231120Z AND 231400Z. FIRST

REPORTED SIGHTING WAS BY MR [redacted] TELEPHONE

[redacted], OF RADIO STATION "[redacted], KALAMAZOO

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE DIVISION
UNCLASSIFIED MESSAGE

INCOMING

AF IN : 368 (23 Nov 60)

PAGE HWO RJEDBW 10

HE REPORTED TWO BRIGHT LIGHTS OBSERVED EAST OF KALAMAZOO AT 1120ZM NO FURTHER DATA. NEXT REPORTED SIGHTINGS WERE VICINITY OF BATTLE CREEK BETWEEN 1130Z AND 1200Z. MOST REPORTS DESCRIBED A BRILLIANT, SHINY OBJECT, FLOATING TOWARD THE EAST-NORTHEAST OF BATTLE CREEK. SEVERAL REPORTS HERE DESCRIBED A FAN-SHAPED "TAIL" APPARENTLY HANGING FROM THE OBJECT. "TAIL" APPEARED TO OSCILLATE IN FLIGHT. NO FURTHER DATA. LAST REPORTED SIGHTINGS (MANY IN NUMBER) OCCURRED VICINITY OF DETROIT AND SELFRIDGE AFB APPROXIMATELY 1330Z TO 1400Z. OBJECT APPEARED TO RESEMBLE BALLOON ON NORTHEAST HEADING. NO FURTHER DATA.

COMMENTS OF PREPARING OFFICER: 1. NO UFO WAS TRACKED BY DETROIT AIR DEFENSE SECTOR FACILITIES DURING STATED TIME PERIODS. 2. A GENERAL TEMPERATURE INVERSION CONVERED THE SECTOR AREA DURING THE MORNING. 3. WIND PATTERNS WERE SUCH THAT A BALLOON LAUNCHED IN AREA TO THE WEST AND NORTHWEST OF DETROIT SECTOR WOULD TRANSIT THE SECTOR

PAGE THREE RJEDBW 10

ALONG THE LINE KALAMAZOO-BATTLE CREEK-DETROIT. 4. NO NOTAMS WERE RECEIVED AT DETROIT ADS CONCERNING A BALLOON LAUNCH. 5. TELEPHONE CHECKS WITH GENERAL MILLS, MINNEAPOLIS; U.S. WEATHER BBUREAU, GREEN BAY; RAVEN INDUSTRIES, SIOUX FALLS; G. T. SCHJELDAHL CO, NORTHFIELD, MINN; UNIVERSITY OF MINNESOTA PHYSICS DEPARTMENT, MINNEAPLLIS; AND FERMI INSTITUTE OF UNIVERSITY OF CHICAGO ALL PROVED NEGATIVE AS REGARDS THEIR LAUNCHING OF BALLOONS WHICH COULD HAE BEEN THE OBJECT REPORTED SIGHTED IN MICHIGAN. 6. SUNRISE IN LOCAL AREA WAS AT 2312392. 7. COMPLETE WEATHER AND WIND DATA WILL BE SUBMITTED IN FOLLOW-UP MESSAGE. 8. OBJECT SIGHTED APPEARS TO HAVE BEEN AN INSTRUMENTED BALLOON OF AS YET UNKNOWN ORIGIN.

BT

23/2132Z NOV RJEDBW

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE DIVISION
UNCLASSIFIED MESSAGE

INCOMING

K/cem

N

AF IN : 615 (24 Nov 60)

ACTION : CIN-14

INFO : SAFS-3, OOP-3 (21)

SMD A021

ZCHQB145ZCDGA2-1

PP RJEZHQ

DE RJEZDG 47

P 232130Z ZEX

FM 551AEWCONWG OTIS AFB MASS

TO RJWFAL/ADC ENT AFB COLO

RJEZSN/26ADIV SAGE HANCOCK FLD SYRACUSE NY

RJEDSQ/ATIC WRIGHT PATTERSON AFB DAYTON OHIP

RJEZHQ/HQ USAF AFCIN WASH DC

RJEZHQ/SECRETARY AF SATIS WASH DC

INFO RJEDAH/30TH ADIV TRUAX FLD WISC

BT

UNCLAS FROM 551 OIN 6058.

ACTION ADC, 26TH ADIV (SAGE), ATIC, ASST CHIEF OF STAFF HQ USAF, AND OIS HQ USAF. UFO REPORT. PER PARA 15, AFR 200-2, UFO SIGHTING REPORTED AS FOLLOWS: A. OBJECT DESCRIPTION (1) BRIGHT LIGHT(S), WITH CONE OR TRIANGULAR TRAIL OF WAKE SEPARATED BY A SPACE. (2) SIZE ESTIMATED BETWEEN HEAD OF PENCIL AND BASKET-BALL FOR LIGHT, WITH TRAIL TEN TO FIFTEEN LONGER. (3) LIGHT WHITE, TRAIL BLUISH WHITE (4) TWO SIMILAR OBJECTS (5) MAN-UEVERED OR MOVED IN ROUGHLY PARALLEL PATHS (6) NONE (7) SEE (1) ONE AND (2) TWO ABOVE (8) NO SOUND INVOLVED IN SIGHTING

PAGE TWO RJEZDG 47

(9) LIGHTS MOVED AT TREMENDOUS SPEEDS B. COURSE DESCRIPTION: (1) OBSERVED ALONG FLIGHT PATH OF OBSERVING AIRCRAFT (2) FIRST OBJECT SIGHTED AT 2 O'CLOCK HIGH, APPEARED TO BE APPROACHING ON NORTHWEST HEADING, MOVED UP AND NORTHWARD WITHIN AN ESTIMATED 20 DEGREES OF ARC OF SKY, CONSTANTLY VISIBLE UNTIL DISAPPERANCE. SECOND OBJECT APPEARED SHORTLY AFTER FIRST, MOVED IN ROUGHLY PARALLEL COURSE, OBSERVED INTERMITTENTLY, CLIMBED ACROSSS PATH OF FIRST OBJECT TO HIGHER POSITION, BOTH DISAPPEARING TOGETHER. (3) DISAPPEARED AT POINT BETWEEN ZERO AND FIVE DEGREES ABOVE FLIGHT LEVEL. (4) APPEARED ABOUT FIVE DEGREES APART (SEE (2) ABOVE). (5) VANISHED (6) OBSERVED OVER PERIOD OF EIGHT MINUTES C. MANNER OBSERVATION: (1) AIR-VISUAL, NO CONTACT ON APS 42 OPERATING AT TIME (2) NO OPTICAL AIDS (3) OBSERVED FROM COCKPIT OF RC121 AIRCRAFT NUMBER 523418 AT 15000 FT, COMPASS HEADING 091 DEGREES, SPEED 220 KNOTS-TAS, HOME STATION AND DESTINATION OTIS AFB, MASS. D. TIME/DATE: (1) 231115Z (2) DAWN WITH ENOUGH LIGHT TO SEE BUILDINGS ON GROUND, NO MOON. E. LOCATION: AIRCRAFT DIRECTLY OVER CHICAGO HEIGHTS VOR RADIO 41 DEGREES 31 MINUTES NORTH, 87 DEGREES 34 MINUTES WEST. F. OBSERVERS: (1) CAPTAIN ROBERT L. ELDRED, 960TH AEW&CON SQ, AIRCRAFT COMMANDER, RELIABLE, FIRST UFO,

PAGE THREE RJEZDG 47

2 YEARS ALASKA EXPERIENCE WITH AURORA. (2) SSGT KENNETH M. CAIN, 960TH AEW&CON SQ, FLIGHT ENGINEER, RELIABLE. G. WEATHER: (1) WIND AT ALTITUDE ESTIMATED 70 KNOTS FROM 280 DEGREES, FLIGHT ALTITUDE TEMPERATURE -5 DEGREES CENTIGRADE UNCORRECTED, LIGHT CLEAR AIR TURBULENCE BEING EXPERIENCED. (2) NOT AVAILABLE (3) & (4) CAVU (5) NO CLOUDS OBSERVED (6) NEGATIVE (7) NOT AVAILABLE

H. OTHER ACTIVITY: AIRCRAFT WAS IN UHF CONTACT WITH ANOTHER AIRCRAFT OVER WALNUT RIDGE, ARKANSAS, AT 34000 FEET, IDENTIFIED AS PACER 91 WHO ALSO WAS OBSERVING THE LIGHTS ABOVE HIM.

I. NOT APPLICABLE, SIGHTING WAS REPORTED BY OBSERVING AIRCRAFT TO CHICAGO CENTER REDIO WITH WHOM A POSITION REPORT WAS BEING MADE. GROUND RADIO PERSONNEL REMARKED ALSO SIGHTING LIGHT FROM THEIR GROUND POSITION. K. PREPARING OFFICER: CAPTAIN KEITH H. MOREHOUSE, WING INTELLIGENCE OFFICER, 551ST AEW&CON WING.

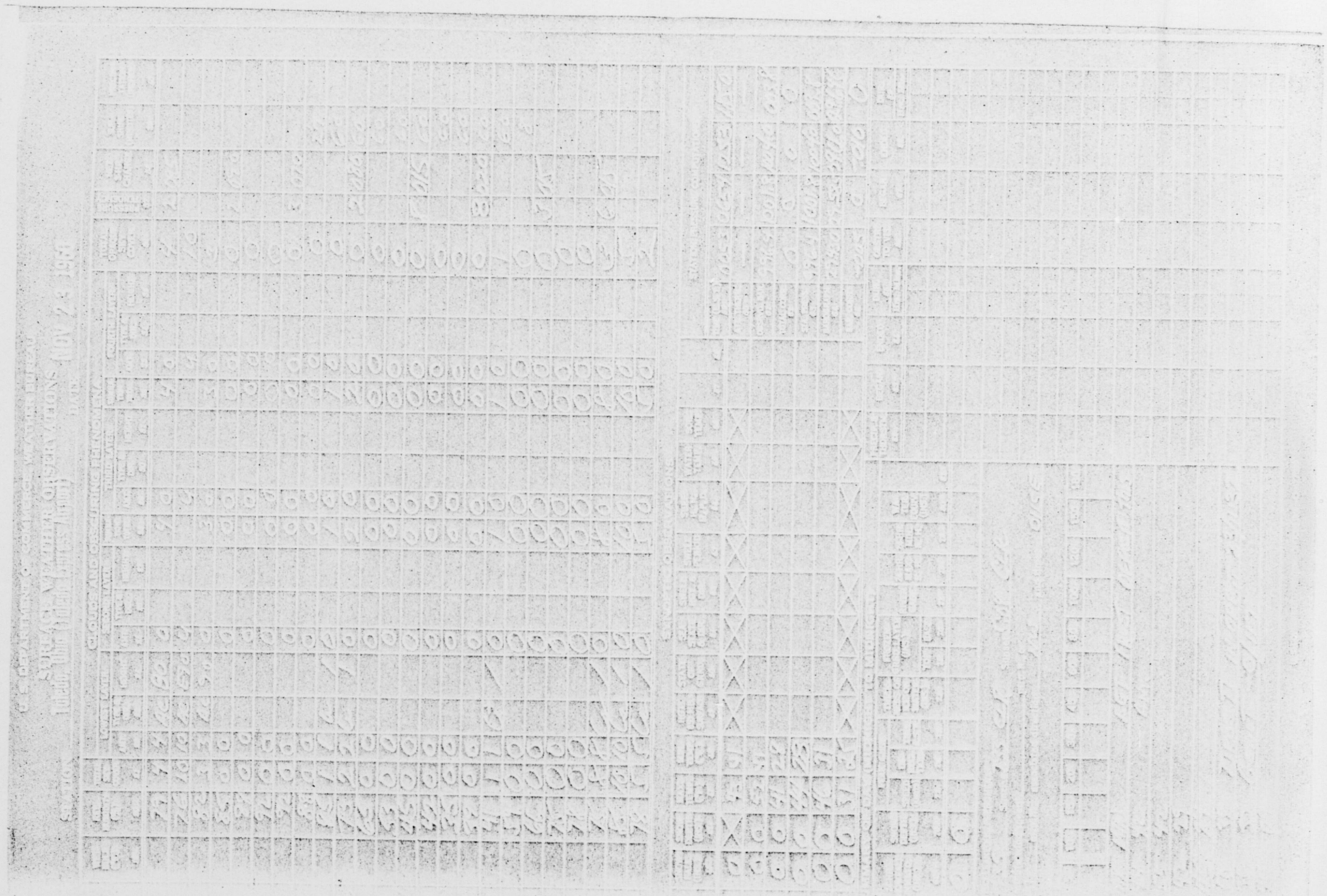
COMMENT: NO KNOWN ASSOCIATED SIGHTING IN LOCAL AREA NEW ENGLAND.

1. NO PHYSICAL EVIDENCE OR PHOTOS.

BT

23/2200Z NOV RJEZDG





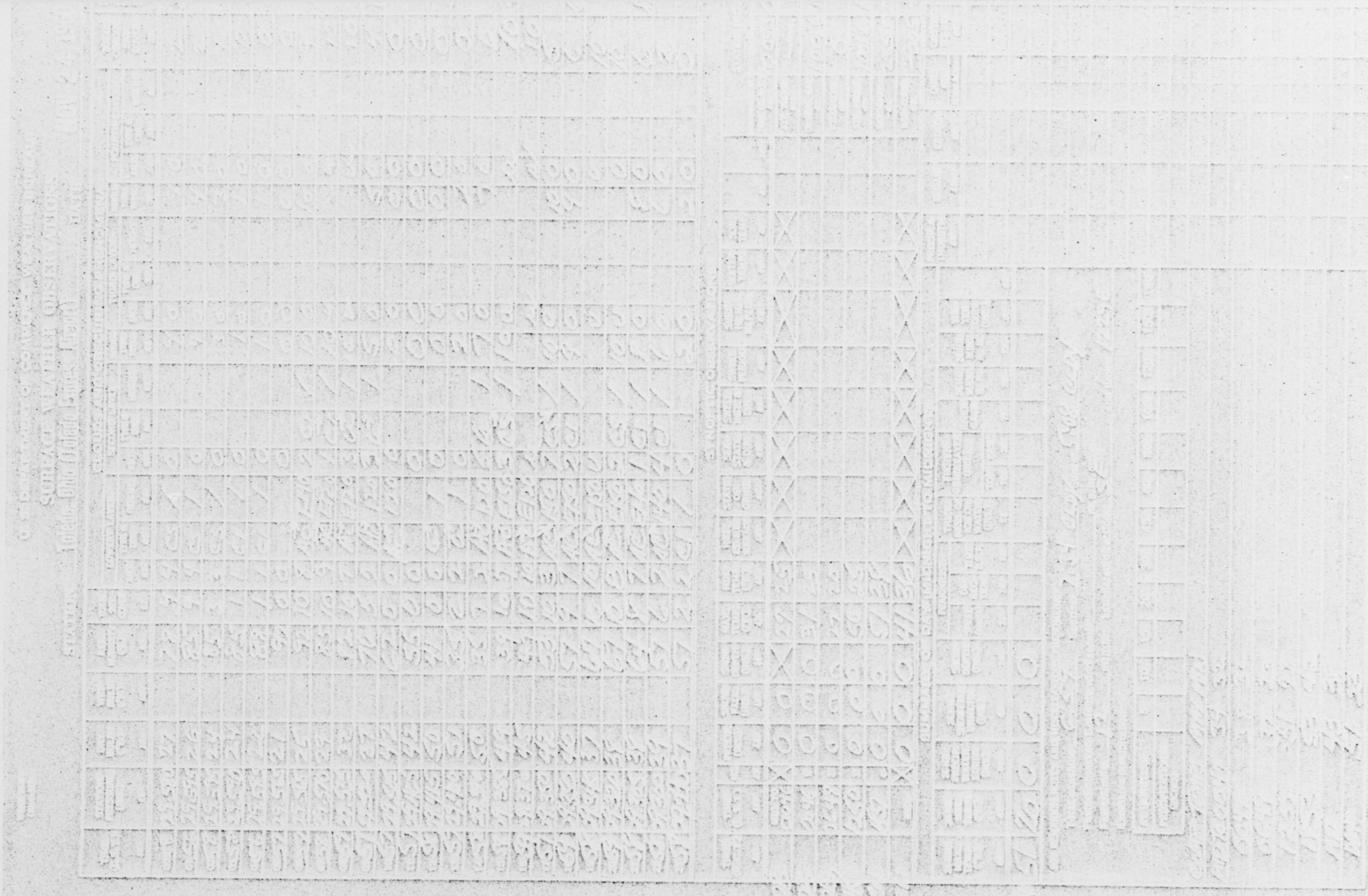
U.S. DEPARTMENT OF COMMERCE — WEATHER BUREAU

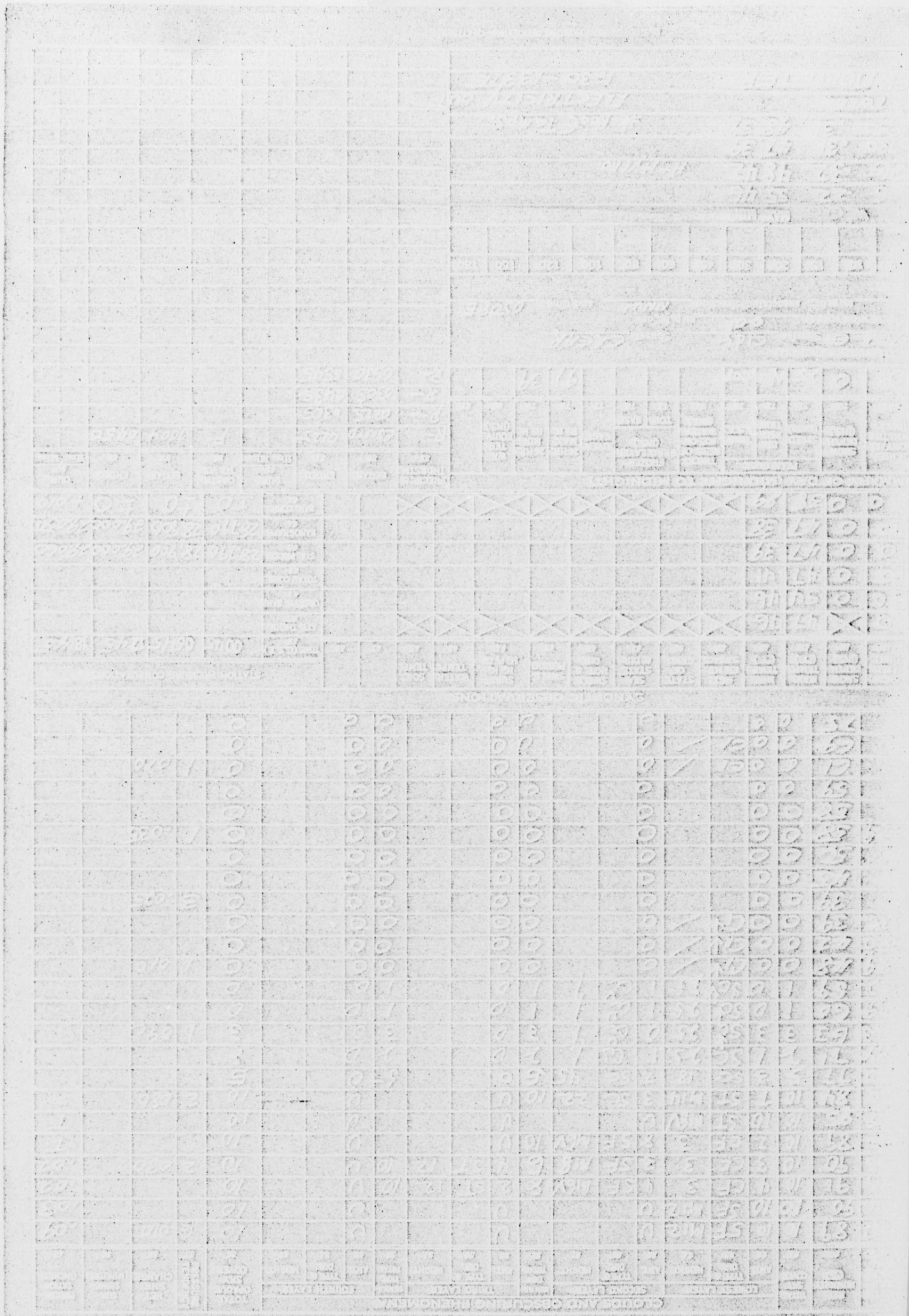
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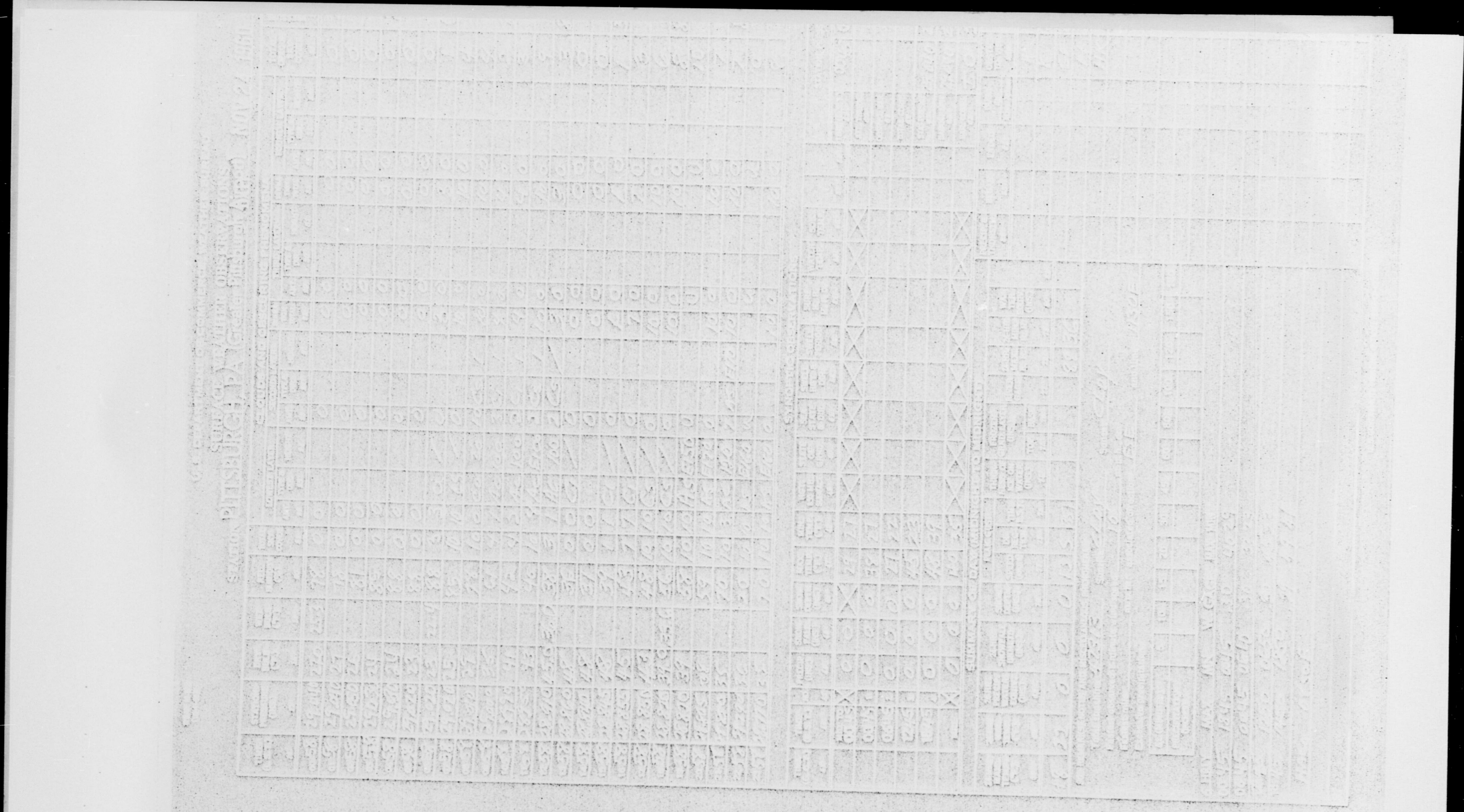
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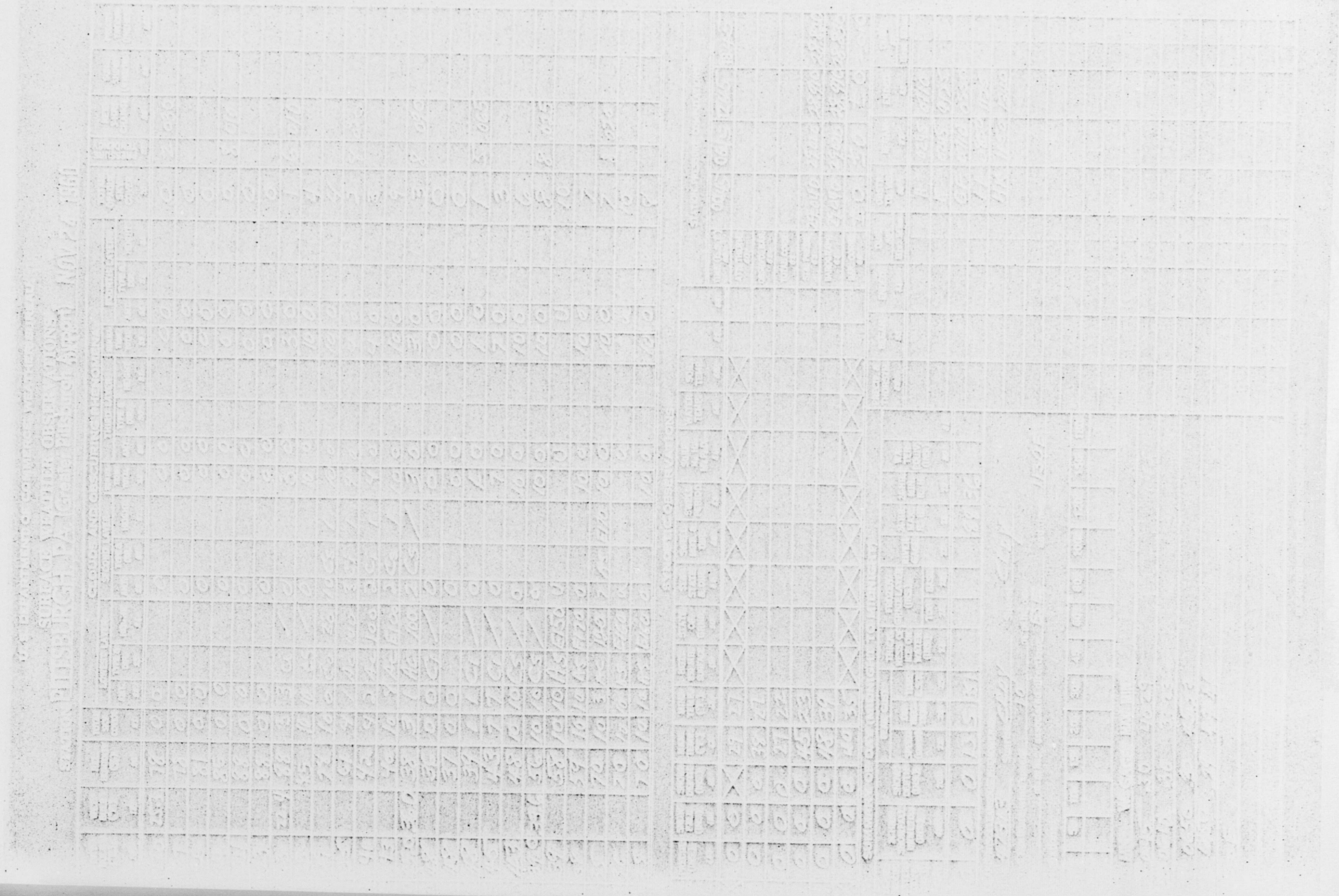
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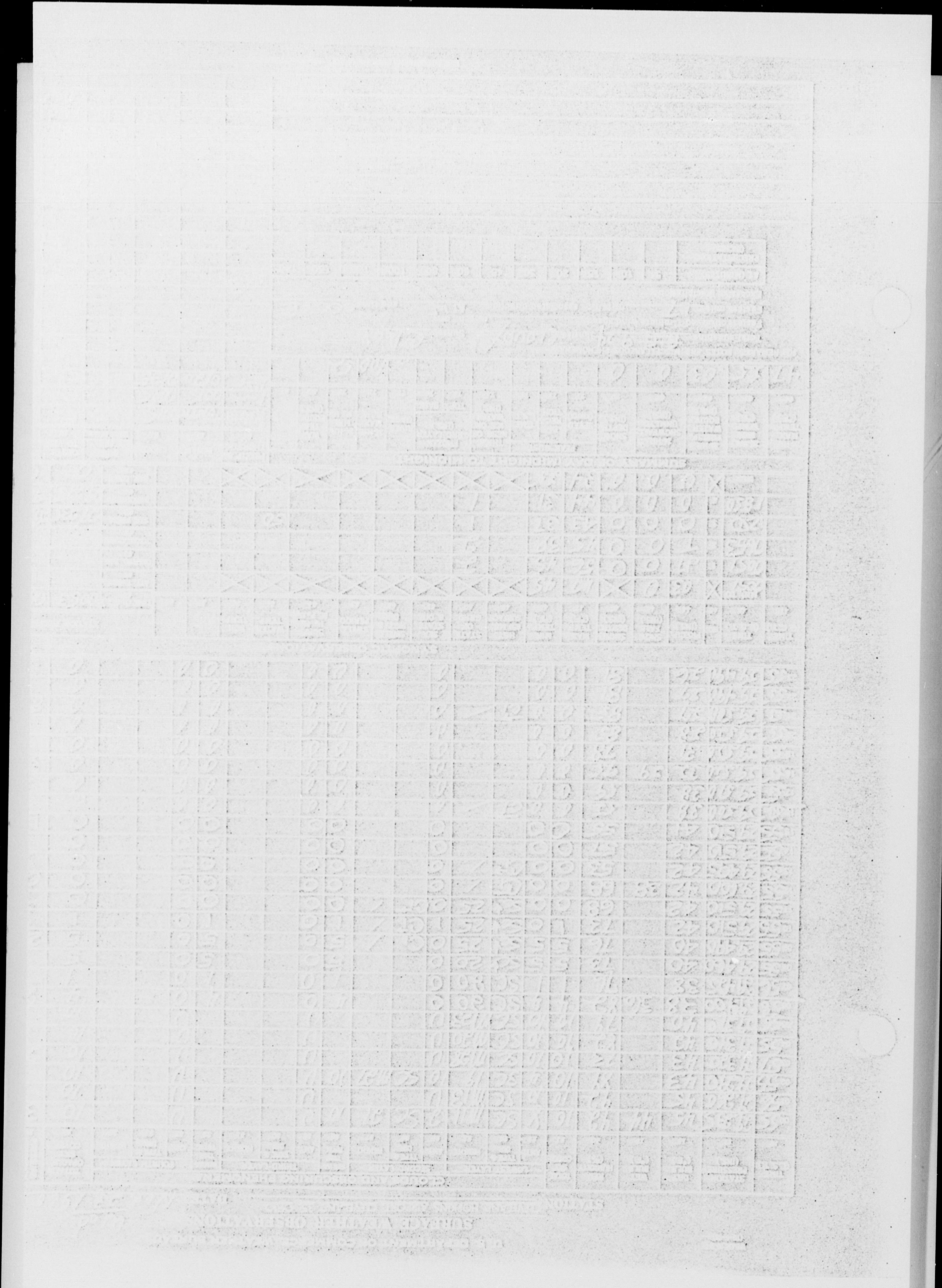
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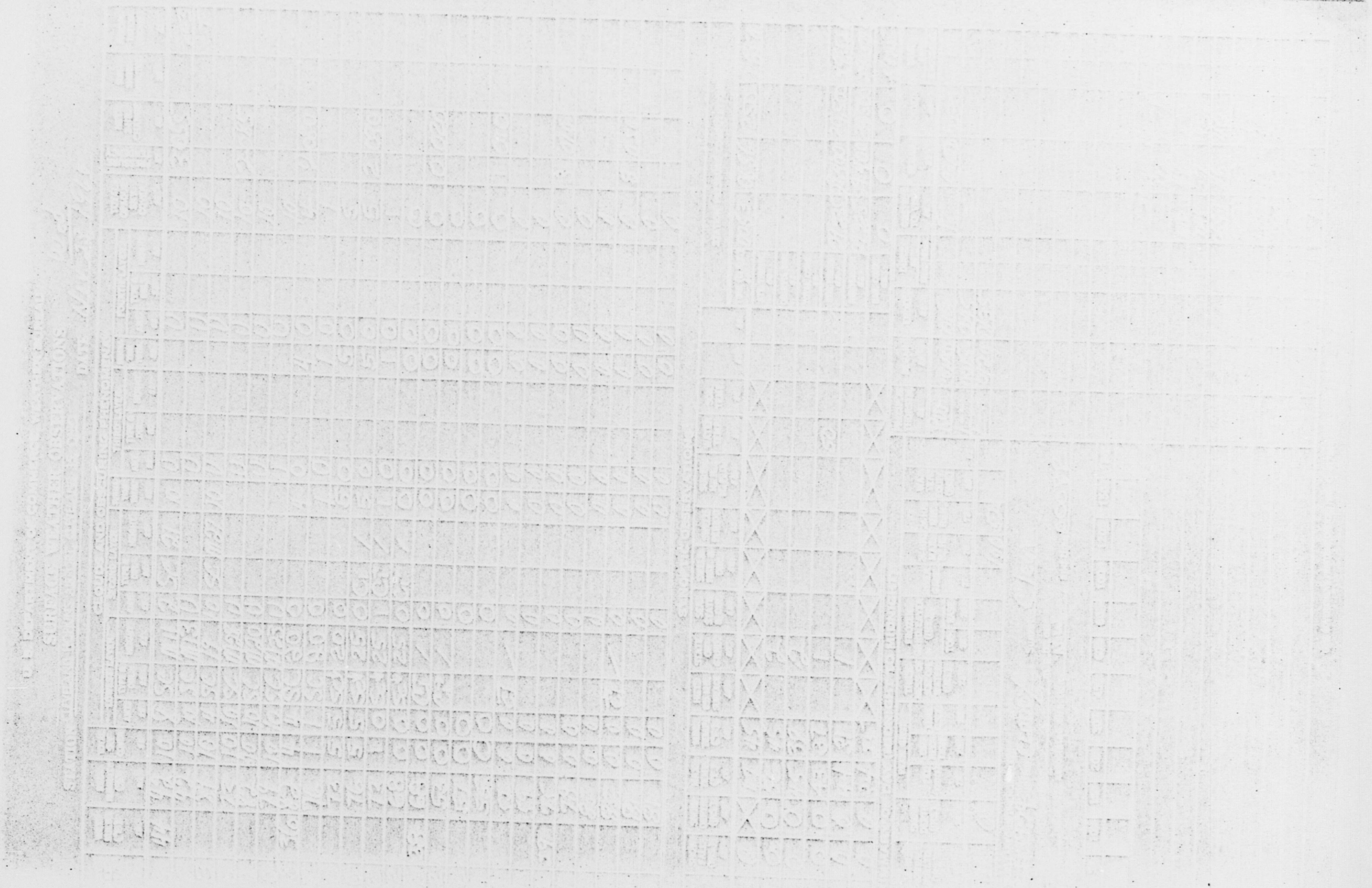




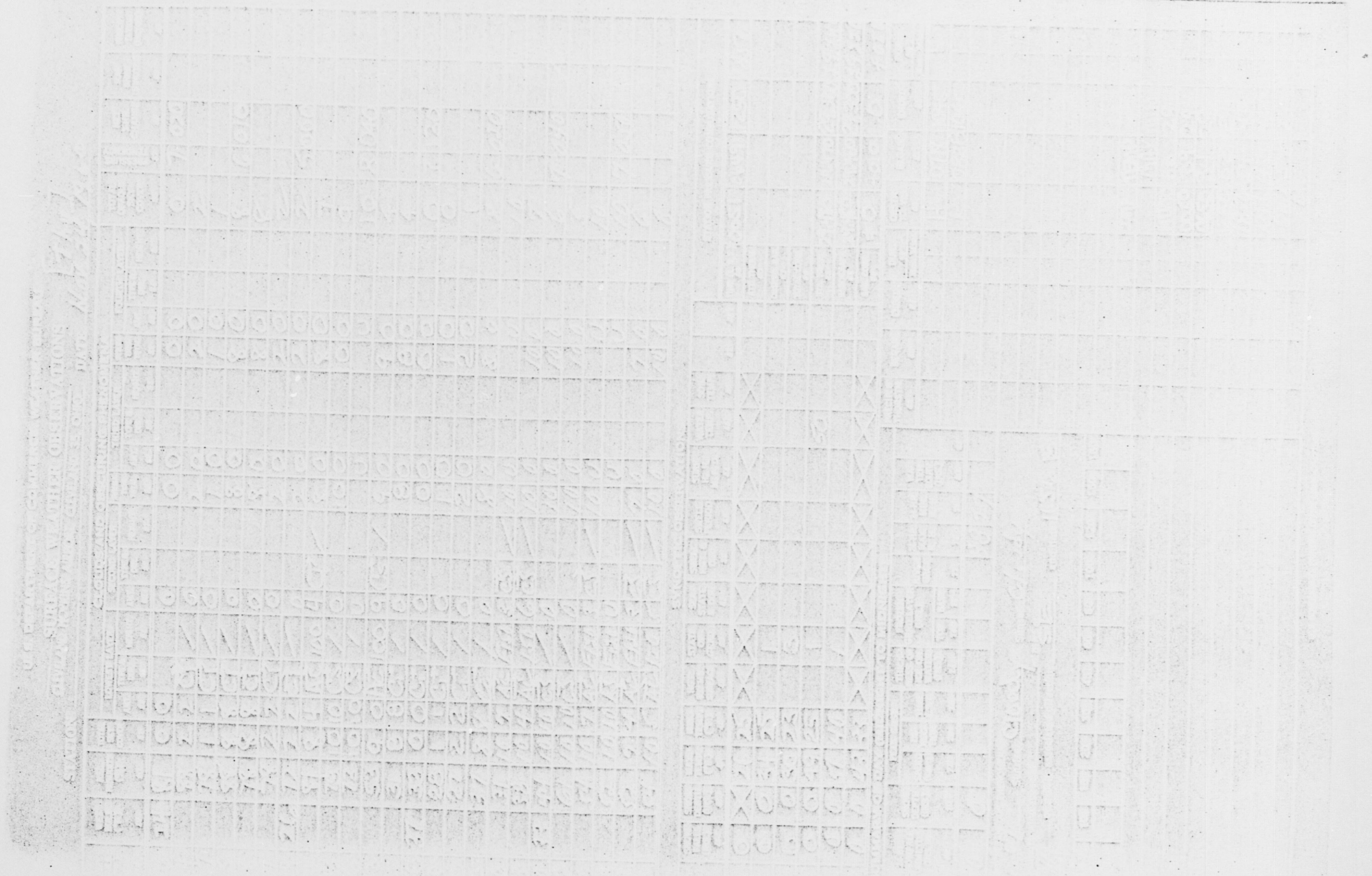








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WINDS ALOFT COMPUTATION SHEET

U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU

WINDS-ALOFT COMPUTATION SHEET

FLYING STATION FORM
(WBAN 20)

WINDS ALOFT COMPUTATION SHEET

(FLIGHT PLANNING FORM)

YEAR 20

WINDS ALOFT OBSERVATION SHEET

(LAND STATION FORM)

WINDS ALOFT COMPUTATION SHEET

WINDS ALOFT COMPUTATION SHEET