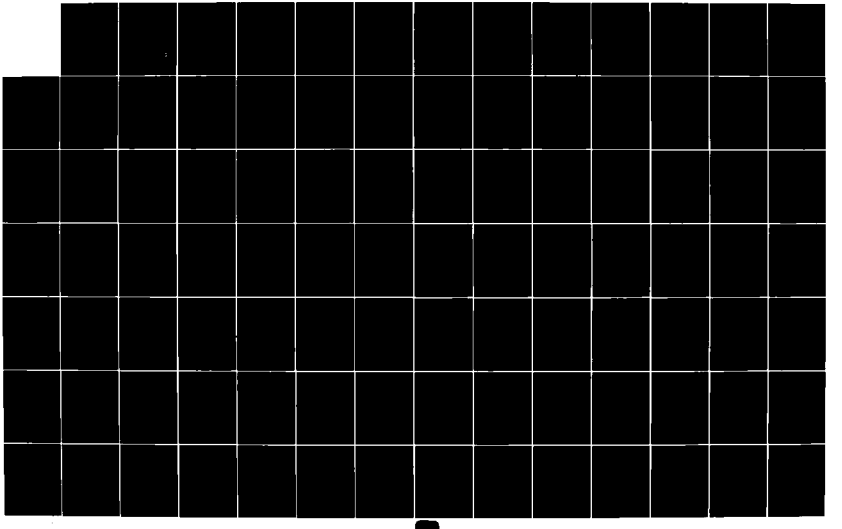
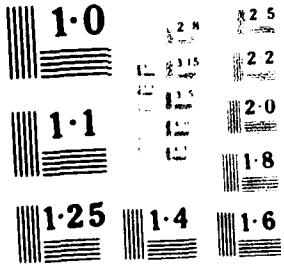
AD A147 204 CAMP CASEY TONG DU CHON KOREA LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMA..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 1/3

UNCLASSIFIED SEP 84 USAFETAC/DS-84/031 SBI-AD-E850 755 F/G 4/2 NL

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AD-A147 204

DATA PROCESSING DIVISION

USAFETAC

Air Weather Service (MAC)

28 SEP 1984

FEDERAL BUILDING

ASHEVILLE, N. C.

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REVIEW AND APPROVAL STATEMENT

REPORT DOCUMENTATION PAGE

READ INSTRUCTIONS BEFORE COMPLETING FORM

[illegible]

Limited Surface Observations Climatic Summary (LISCS) -

TONG [illegible], CAMP CASEY, KOREA.

[illegible]

USAFETAC/DL-A
Air Force Environmental Technical Appl. Center
Scott AFB IL 62225

[illegible]

USAFETAC/[illegible]
Air Weather Service (MAC)
Scott AFB IL 62225

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SEP 84

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[illegible]

[illegible]

Limited-duty weather observation site.

[illegible]

*[illegible]	Climatology	Weather conditions
*[illegible]	Surface winds	Relative humidity
*Climatological data	Sea-level pressure	Station pressure
Psychrometric summary	Atmospheric pressure	Ceiling versus Visibility

[illegible]

This report is similar to a Revised Uniform Summary of Surface Weather Observations (RUSSWO) except the summary generated is from data observed at limited-duty observation sites. This summary is blocked based on the normal hours of observation and only those tables using hourly data are presented. Caution must be exercised when using these summaries as the data reflect conditions occurring only during limited duty hours of operation. This report is a five-part statisitical summary of surface weather observations for

TONG DUCHON, CAMP CASEY, KOREA.

DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE

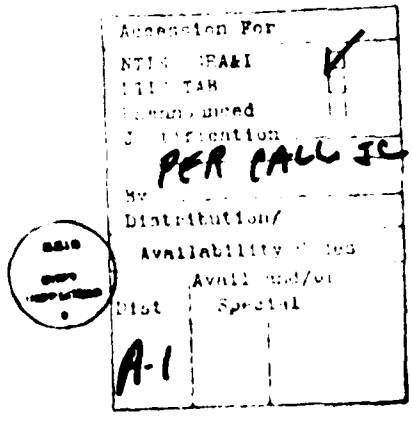
SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

[illegible] Percentage frequency of distribution tables.
Dry-bulb temperature versus wet-bulb temperature.
Cumulative percentage frequency of distribution tables.

* [illegible]
* [illegible]
* [illegible]

[illegible] It contains the following parts: (A) Weather conditions; (B) Surface Wind [illegible] Ceiling Versus Visibility; (E) Psychrometric Summaries (psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard deviations and observation counts of station and/or sea-level pressure). Summaries in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future AWS-A standard products.



OPERATING LOCATION "A"
METAR, ASHEVILLE NC

LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARIES
(LISOCS)

DEFINITION: A BUFKWS-like set of summaries of hourly observations for the station's normal operating hours.

Hourly Observations: Those routine or record-special observations recorded at established hourly intervals.

General Comments:

1. The hourly data are screened to exclude extraneous or occasional hours outside the normal observing hours.

2. A brief description precedes each summary.

3. Summaries containing "TOTALS" and "ALL HOURS" are only from the hours summarized. These values are representative only for the operating hours.

4. The monthly and annual "ALL HOURS" summaries are not presented because they are not representative, and would result in meaningless or biased values.

5. There are no "Sky Cover" nor "Sea Level Pressure" summaries for METAR stations.

Table of Contents: AWS Form . "Station History"
Part 1: Weather Conditions
Part 2: Surface Winds
Part 3: Ceiling Versus Visibility; Sky Cover
Part 4: Daily High, Low, Mean Temperatures; Max High and Min Low Temperatures; Psychrometric Tables; Mean and Standard Deviation of Temperatures; Relative Humidity
Part 5: Station Pressure; Sea Level Pressure

Standard 3-Hour Groups: All summaries having diurnal variations are summarized in 3-hour periods corresponding to the following sets of hourly observations and limited to normal observation reporting hours (LST):

~~0000-0200~~	1200-1400
~~0300-0500~~	1500-1700
0600-0800)	~~1800-2000~~
0900-1130	~~2100-2300~~

Note that the first and last hour groups may or may not contain all three hours. See hours summarized on front cover to determine which hours are included in these two hour groups.

STATION NO. IN SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEVATION	ACCESSION	WMO NUMBER
471 [illegible]	AMF [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION FROM	AT THIS LOCATION TO	LATITUDE	LONGITUDE	ELEVATION ABOVE MSL FIELD (FT)	ELEVATION ABOVE MSL HT BARO	OB PER DAY
[illegible]	[illegible]	AAF	May [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	None	[illegible]
[illegible]	[illegible]	AAF	Jan [illegible]	Feb 54	[illegible]	[illegible]	[illegible]	None	[illegible]
[illegible]	[illegible]	AAF	Mar [illegible]	Feb [illegible]	[illegible]	[illegible]	[illegible]	None	[illegible]
[illegible]	[illegible]	AAF	Mar [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	None	[illegible]
[illegible]	[illegible]	AAF	Nov [illegible]	Oct [illegible]	[illegible]	[illegible]	[illegible]	None	[illegible]
[illegible]	[illegible]	AAF	Nov [illegible]	Mar [illegible]	[illegible]	[illegible]	[illegible]	None	[illegible]
[illegible]	[illegible]	AAF	Apr [illegible]	Jul 67	[illegible]	[illegible]	[illegible]	None	[illegible]
[illegible]	[illegible]	AAF	[illegible]	Mar [illegible]	[illegible]	[illegible]	[illegible]	None	[illegible]
[illegible]	[illegible]	AAF	Apr [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	None	[illegible]
[illegible]	[illegible]	AAF	Jan [illegible]	Sep [illegible]	[illegible]	[illegible]	[illegible]	None	[illegible]
[illegible]	[illegible]	AAF	[illegible]	Feb [illegible]	[illegible]	[illegible]	[illegible]	None	[illegible]
		"	Mar [illegible]	Sep 82	"	"	"	"	[illegible]
[illegible]	[illegible]	AAF	Oct 82	Feb 84	N 37 55	E 127 03	196	None	15

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION: LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS: ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
[illegible]	[illegible]	Not Available	N/A	N/A	N/A	
[illegible]	[illegible] Apr [illegible]	Hand velometer with direct reading scale	None	None	N/A	
[illegible]	[illegible] Apr [illegible]	Winds estimated	None	None	N/A	No Wind Equipment
4	[illegible] Apr [illegible]	Located [illegible] NE of station	AN/GM-1	None	2[illegible] FT	
	[illegible] Mar [illegible]	Located [illegible] ft W side of rnwy on control tower	AN/GM-1	None	40 FT	
[illegible]	[illegible] Apr [illegible]	Located on control tower	AN/GM-1	None	80 FT	
	[illegible]	Located on control tower	AN/GM-11	None	80 FT	
[illegible]	[illegible] Apr [illegible]	Located on air raft hangar	AN/GM-11	None	80 FT	
[illegible]	[illegible] Jan [illegible]	Located 21[illegible] ft W of centerline of rnwy, 13[illegible] ft from end of 36	AN/GM-11	None	75 FT	
[illegible]	1 Jan 82	"	"	RO-362	"	

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CONTINUED ON REVERSE SIDE

OPERATING LOCATION "A"
[illegible], ASHEVILLE NC

WEATHER CONDITIONS

1

PART I

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented by month by the available 3-hour groups.

Thunderstorms--All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle--All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze)--Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets)--Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets. (Snow pellets also known as soft hail.)

Hail--Occurrences of hail.

Percentage of observations with precipitation--Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sum of the individual categories may exceed the percentage of the observations with precip.

Fog--Included are fog, ice fog, and ground fog.

Smoke and/or haze--Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow--Occurrences of blowing snow.

Dust and/or sand--Included are blowing dust, blowing sand, and dust.

Blowing spray--This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision--Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

Continued on Reverse

NOTE: 1. For METAR stations reporting Jan 68 and Synoptic reporting stations, only the highest order of atmospheric phenomena was reported, recorded on the AWS Forms 10a, and transmitted longline. Beginning Jan 70, METAR stations recorded all atmospheric phenomena on the AWS Form 10a, but transmitted longline only the highest order. For example, if the observation consisted of rain, fog and smoke, only the rain was transmitted longline. Our data base, as a result, contains only rain for that observation. Because of these reporting procedures the summaries for METAR and Synoptic reporting stations are highly questionable in the hourly summaries. This primarily effects the obstruction to vision columns, but may also have minor effects on the precipitation columns.

.. When the value of ".0" appears in the summaries, it represent one or more occurrences amounting to less than . percent.

WEATHER CONDITIONS

MONTH			RAIN AND/OR DRIZZLE	FREEZING RAIN AND/OR FREEZING DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
TOTALS													

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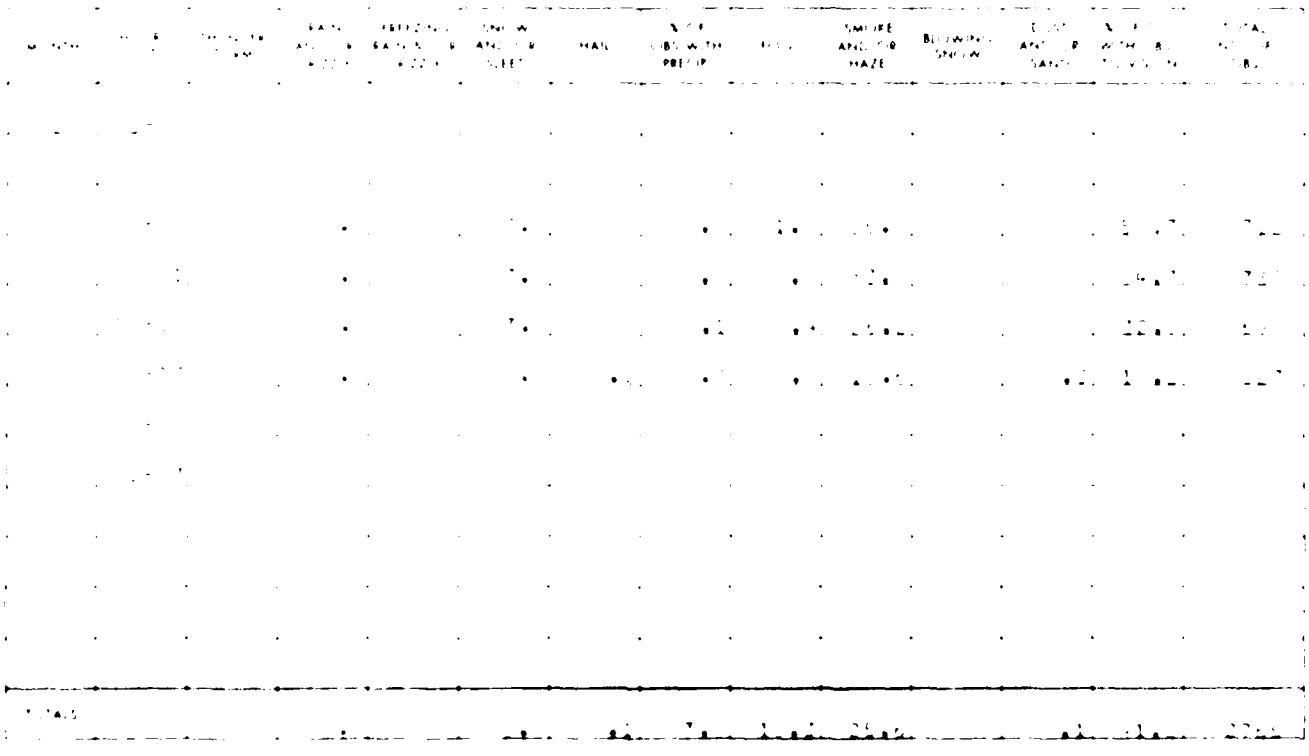
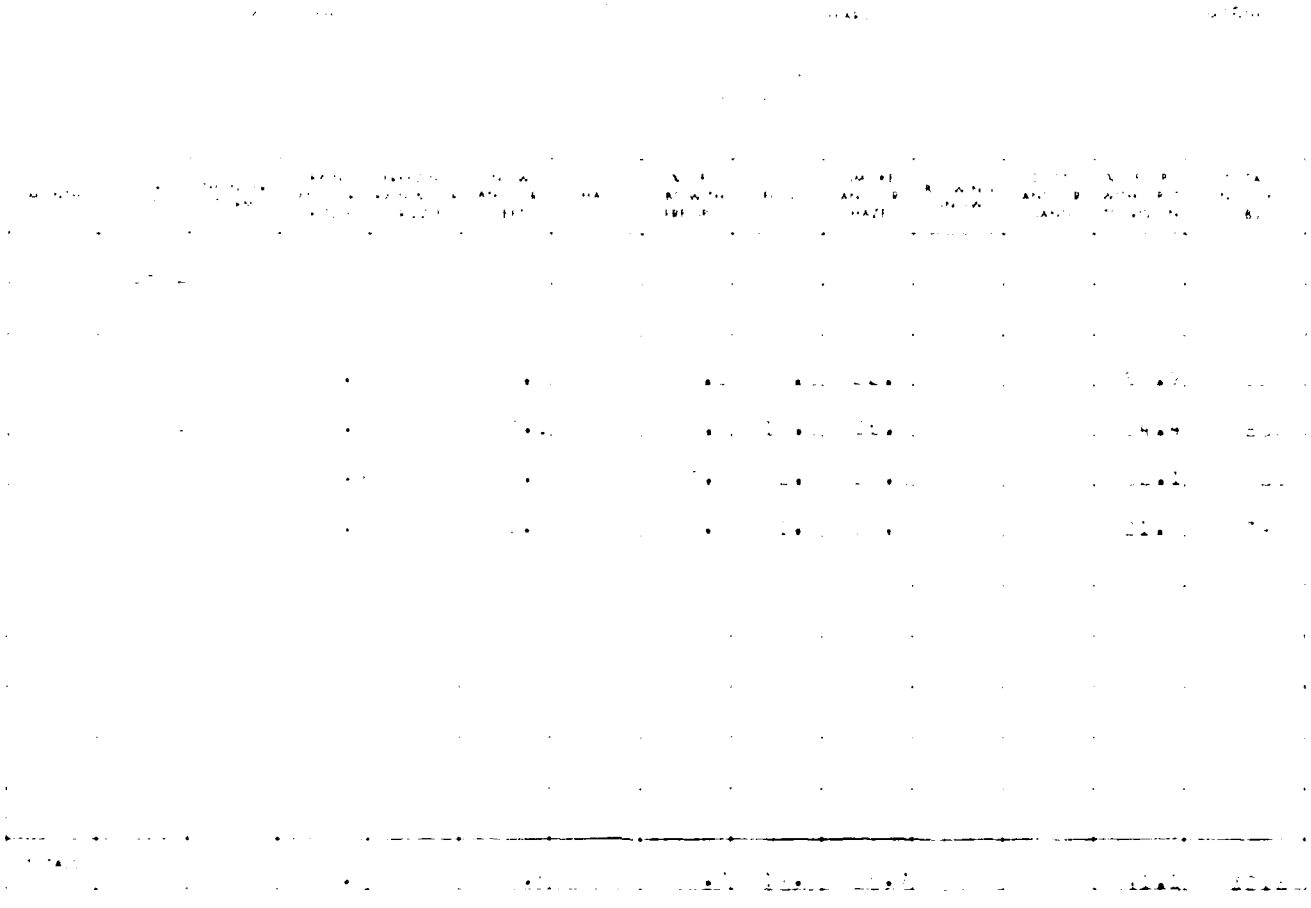
WEATHER CONDITIONS

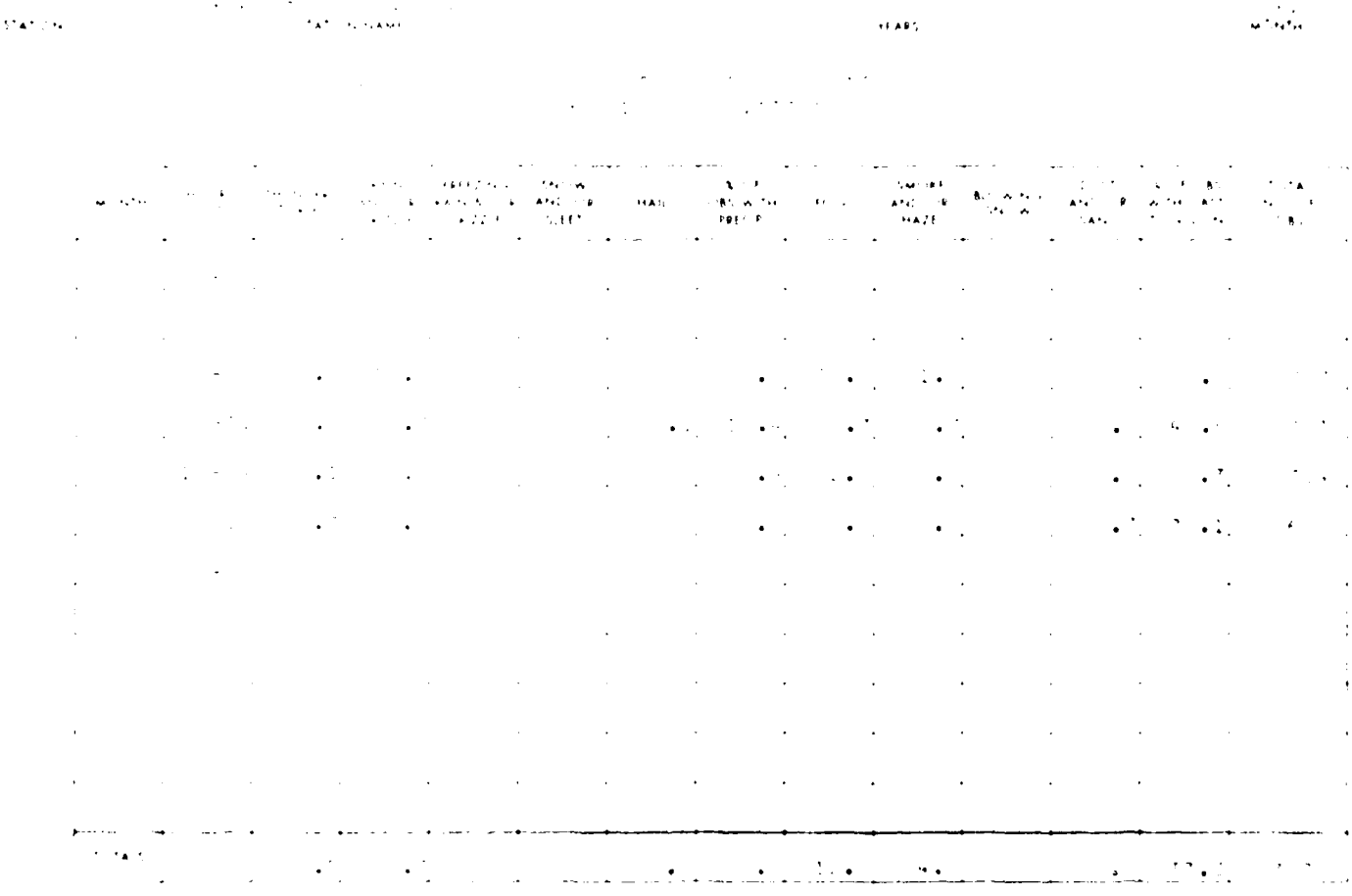


WEATHER CONDITIONS



WEATHER CONDITIONS

WEATHER CONDITIONS



WEATHER CONDITIONS

STATION NO. STATION NAME YEARS MONTH

| MONTH | DAY | TEMPERATURE (°F) MAX. | TEMPERATURE (°F) MIN. | PRECIP. (IN.) | SNOW, SLEET (IN.) | HAIL | WIND SPEED (MPH) MAX. | WIND SPEED (MPH) PREVAILING DIR. | SUNRISE/SUNSET (LOCAL STD. TIME) | SKY COVER (SUNRISE TO SUNSET) | WEATHER TYPE OBSERVED (INCLUDING OBSCURATIONS

WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

MONTH	DAY	TEMPERATURE (°F) MAX	MIN	MEAN	DEPARTURE FROM NORMAL	DEGREE DAYS HEATING	COOLING	PRECIPITATION (INCHES AND HUNDREDTHS) WATER EQUIVALENT	SNOW, SLEET (INCHES AND TENTHS)	SNOW ON GROUND (INCHES AND TENTHS)	MEAN SPEED (MPH)	PREVAILING DIRECTION	SUNSHINE (PERCENT OF POSSIBLE)	SKY COVER (TENTHS)	MEAN	RELATIVE HUMIDITY (PERCENT) 1 HOUR AFTER LST	4 HOURS AFTER LST	WEATHER TYPE (CHECK) FOG	THUNDER	ICE PELLETS	HAIL	GLAZE	DUST, SAND	SMOKE, HAZE	BLOWING SNOW	TORNADO, WATERSPOUT

WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

| MONTH | | |

WEATHER CONDITIONS

WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

MONTH	[illegible]	[illegible]	RAIN AND/OR RIZZLE	FREEZING RAIN AND/OR RIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH [illegible]	TOTAL [illegible]
		[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
			[illegible]		[illegible]		[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
			[illegible]		[illegible]		[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
			[illegible]		[illegible]		[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
TOTALS		[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	[illegible]			[illegible]	[illegible]

USAFETAC [illegible] 5 OL A [illegible]

WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

MONTH	FOG	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN OR FREEZING DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF MONTH WITH PRECIP	ICE	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH REST. VISIBILITY	TOTAL NUMBER OF OBS
MEAN													

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WEATHER CONDITIONS

STATION YEARS MONTH

PART .

Presented in this part are various summations of surface winds as follows:

2

Bivariate joint relative frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind direction 00 to 16 compass points and calm vs 11 wind speed (knots) increments in Beaufort classifications. Percentages are shown for both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided in this form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

These tables are prepared for all years combined, by month by available 3-hour groups.

A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" per cent.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS (L S T.)

WIND DIRECTION	WIND SPEED (KNOTS) 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L.S.T.)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (E.S.T.)

SPEED (KNOTS) / DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS

HOURS

SPEED (KNOTS) DIRECTION	0	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N														
NNE														
NE														
ENE														
E														
ESE														
SE														
SSE														
S														
SSW														
SW														
WSW														
W														
WNW														
NW														
NNW														
VARBL														
CALM														

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS LST

SPEED KNOTS / DIR	1	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	•	•	•									•	
NNE	•	•										•	
NE	•	•	•	•								•	
ENE	•	•										•	•
E	•	•										•	
ESE	•	•										•	
SE	•	•										•	
SSE	•	•	•									•	
S	•	•	•									•	
SSW	•	•										•	
SW	•	•	•									•	•
WSW	•	•	•									•	
W	•	•	•									•	
WNW	•	•										•	
NW	•	•	•									•	
NNW	•	•	•	•								•	
VARBL													
CALM												•	
	•	•	•	•								•	

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS

HOURS (E.S.T.)

DIRECTION

WIND SPEED (KNOTS)	1	4	5	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥56	%	MEAN WIND SPEED
N		•		•		•		•													•	•
NNE		•		•		•															•	•
NE		•		•		•		•													•	•
ENE		•		•		•															•	•
E		•		•																	•	•
ESE		•		•		•															•	•
SE		•		•																	•	•
SSE		•		•		•															•	•
S		•		•																	•	•
SSW		•		•		•															•	•
SW		•		•		•															•	•
WSW		•		•		•		•													•	•
W		•		•		•															•	•
WNW		•		•		•		•													•	•
NW		•		•		•															•	•
NNW		•		•		•		•													•	•
VARBL				•		•															•	•
CALM	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	•	
	IF	T		T		T		T		T		T		T		T		T		T		
		•		•		•		•													•	•

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS

HOURS DAY

SPEED (KNOTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS L.S.T.

CONDITION

SPEED KNTS / DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	•	•	•	•								•	•
NNE	•	•	•									•	•
NE	•	•										•	•
ENE	•	•	•									•	•
E		•	•									•	•
ESE		•										•	•
SE		•										•	•
SSE	•	•	•									•	•
S	•	•	•	•								•	•
SSW	•	•	•									•	•
SW	•	•	•	•								•	•
WSW	•	•	•	•	•							•	•
W	•	•	•	•								•	•
WNW	•	•	•	•								•	•
NW	•	•	•	•								•	•
NNW	•	•	•									•	•
VARBL			•									•	•
CALM												•	
	•	•	•	•	•							•	•

TOTAL NUMBER OF OBSERVATIONS

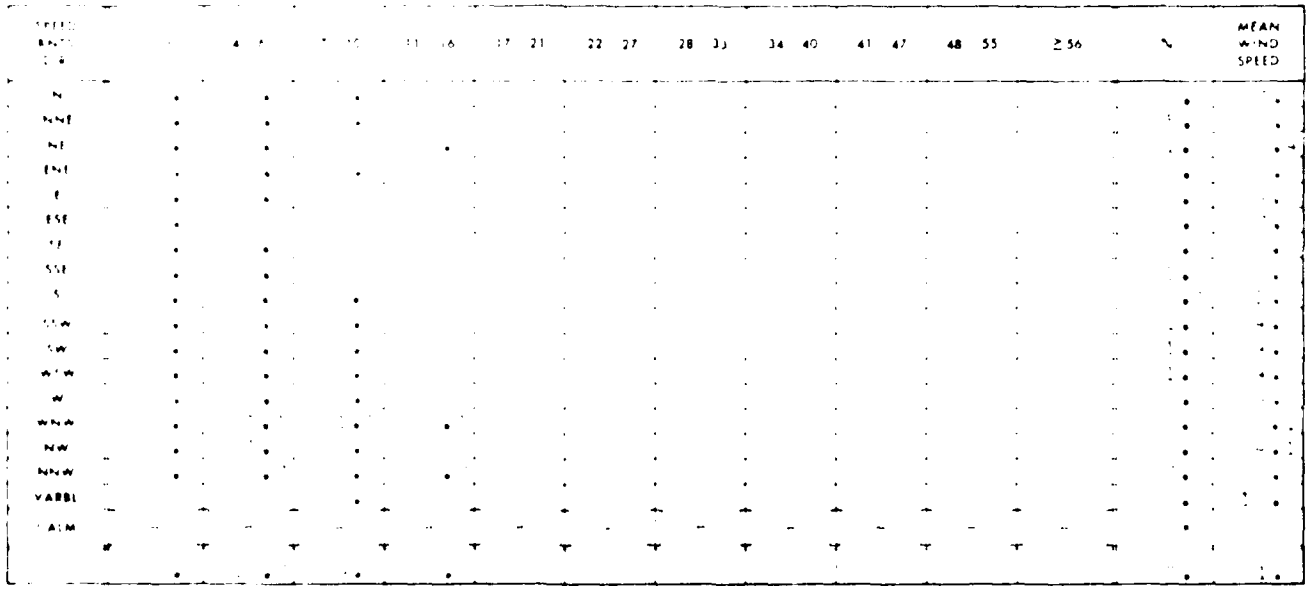
SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS

HOURS (L.S.T.)



TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS

CONDITION

SPEED KNOTS / DIR	1 2	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
ALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS L.S.T.

CONDITION

SPEED KNOTS DIR		4	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥56	%	MEAN WIND SPEED
N	•		•		•																•	•
NNE	•		•		•																•	•
NE	•		•		•																•	•
ENE	•		•		•																•	•
E	•		•		•																•	•
ESE	•		•				•														•	•
SE	•		•		•																•	•
SSE	•		•		•																•	•
S	•		•		•																•	•
SSW	•		•		•		•														•	•
SW	•		•		•		•														•	•
WSW	•		•		•		•		•												•	•
W	•		•		•		•		•												•	•
WNW	•		•		•		•														•	•
NW	•		•		•		•														•	•
NNW	•		•		•																•	•
VARBL			•		•		•														•	•
CALM																					•	
	•		•		•		•		•												•	•

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS

HOURS (L.S.T.)

SPEED (KNOTS) DIR	1	4	5	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥56	\	MEAN WIND SPEED
N																						
NNE																						
NE																						
ENE																						
E																						
ESE																						
SE																						
SSE																						
S																						
SSW																						
SW																						
WSW																						
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WNW																						
NW																						
NNW																						
VARBL																						
CALM																						

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS

HOURS (L.S.T.)

SPEED (KNOTS) DIR	1–3	4–6	7–10	11–16	17–21	22–27	28–33	34–40	41–47	48–55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
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ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
%													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH | CLASS | HOURS (L.S.T.)

WIND DIRECTION	1–3	4–6	7–10	11–16	17–21	22–27	28–33	34–40	41–47	48–55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L.S.T.)

CONDITION

SPEED KNOTS / DIR	4	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥56	%	MEAN WIND SPEED
N																					
NNE																					
NE																					
ENE																					
E																					
ESE																					
SE																					
SSE																					
S																					
SSW																					
SW																					
WSW																					
W																					
WNW																					
NW																					
NNW																					
VARBL																					
ALM																					

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

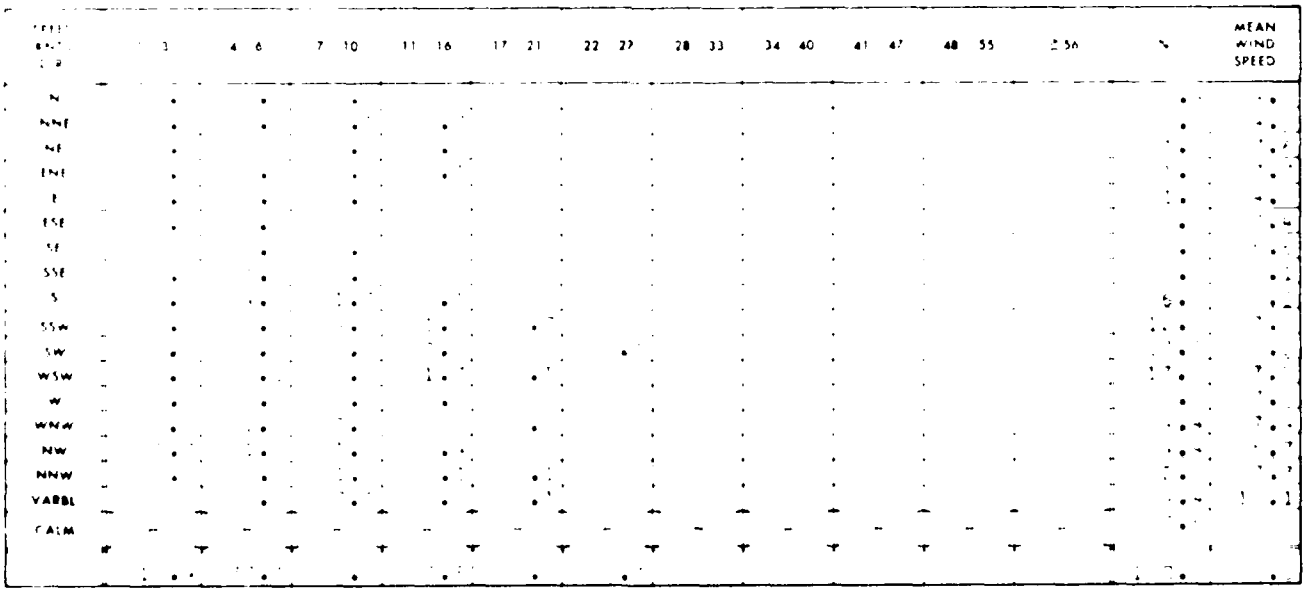
PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L.S.T.)

CONDITION

SPEED (KNOTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	%	MEAN WIND SPEED
N	•	•	•									•	•
NNE	•	•	•	•								•	•
NE	•		•	•								•	•
ENE	•	•	•	•								•	•
E	•	•	•									•	•
ESE	•	•										•	•
SE		•	•									•	•
SSE	•	•	•									•	•
S	•	•	•	•								•	•
SSW	•	•	•	•	•							•	•
SW	•	•	•	•		•						•	•
WSW	•	•	•	•	•							•	•
W	•	•	•	•								•	•
WNW	•	•	•		•							•	•
NW	•	•	•	•								•	•
NNW	•	•	•	•	•							•	•
VARBL		•	•	•	•							•	•
CALM												•	
	•	•	•	•	•	•						•	•



TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L.S.T.)

SPEED (KNOTS) DIR.	1	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥56	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS L.S.T.

CONDITION

FEET KNOTS	4	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥56	%	MEAN WIND SPEED
N																					
NNE																					
NE																					
ENE																					
E																					
ESE																					
SE																					
SSE																					
S																					
SSW																					
SW																					
WSW																					
W																					
WNW																					
NW																					
NNW																					
VARBL																					
ALM																					

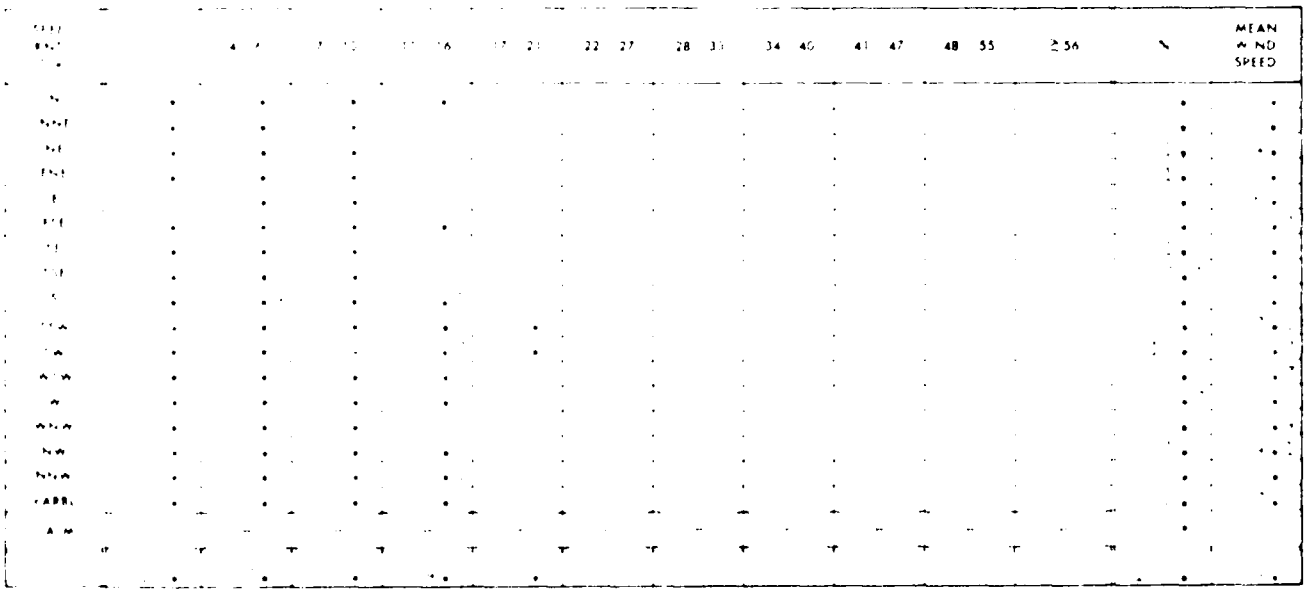
TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS (L.S.T.)



SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L.S.T.)

CONDITION

SPEED KNOTS	1	4	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥56	%	MEAN WIND SPEED
N	•		•		•																•	•
NNE	•		•		•																•	•
NE	•		•		•																•	•
ENE			•		•																•	•
E	•		•		•																•	•
ESE	•		•																		•	•
SE	•		•				•														•	•
SSE	•		•		•																•	•
S	•		•		•		•														•	•
SSW	•		•		•		•				•										•	•
W	•		•		•		•		•												•	•
WSW	•		•		•		•														•	•
W	•		•		•		•														•	•
WNW	•		•		•		•														•	•
NW	•		•		•		•														•	•
NNW	•		•		•		•														•	•
CARBL	•		•		•		•														•	•
ALM																					•	

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS (L.S.T.)

WIND DIRECTION	1–3	4–6	7–10	11–16	17–21	22–27	28–33	34–40	41–47	48–55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS L.S.T.

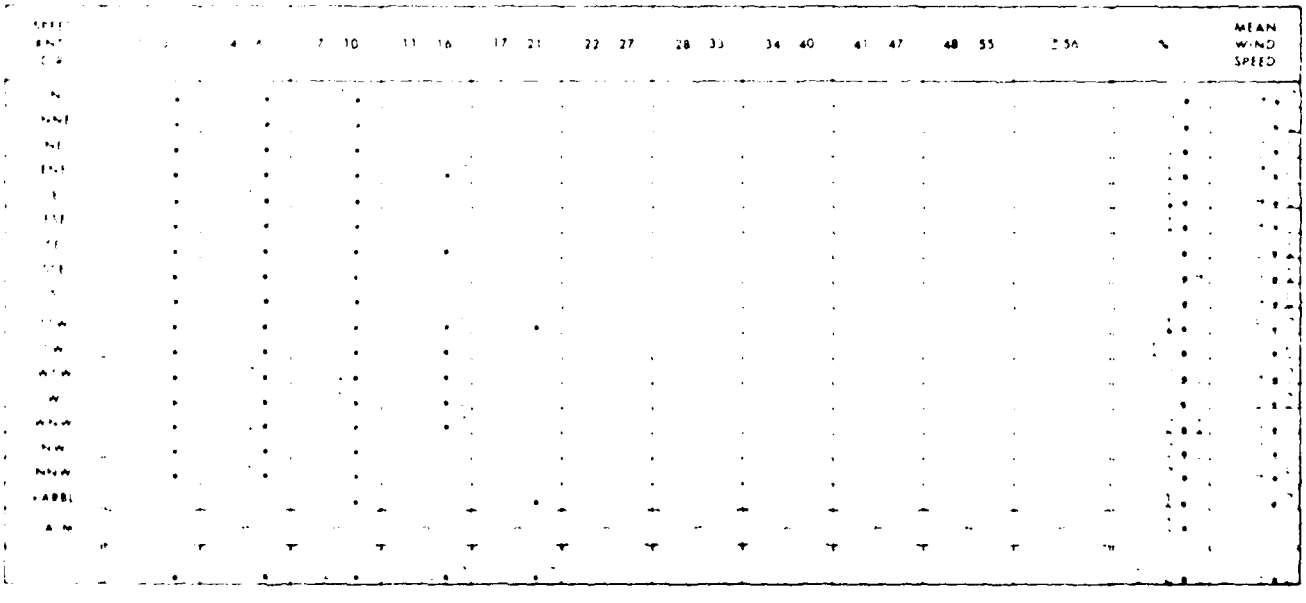
CONDITION

[illegible]	[illegible]	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥56	N	MEAN WIND SPEED
N	•	•	•									•	•
NNE	•	•		•								•	•
NE	•	•	•									•	•
ENE	•	•	•	•								•	•
E	•	•										•	•
ESE	•	•	•									•	•
SE	•	•	•									•	•
SSE	•	•	•									•	•
S	•	•	•									•	•
SSW	•	•	•	•								•	•
SW	•	•	•									•	•
WSW	•	•	•									•	•
W	•	•	•									•	•
WNW	•	•	•									•	•
NW	•	•	•									•	•
NNW	•	•	•									•	•
VARBL		•	•									•	•
CALM												•	
	•	•	•	•								•	•

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)



SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L.S.T.)

CONDITION

WIND DIRECTION	1	4	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥56	%	MEAN WIND SPEED
N																					
NNE																					
NE																					
ENE																					
E																					
ESE																					
SE																					
SSE																					
S																					
SSW																					
SW																					
WSW																					
W																					
WNW																					
NW																					
NNW																					
VARBL																					
CALM																					

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L.S.T.)

SPEED KNTS / DIR	1	4	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥ 56	%	MEAN WIND SPEED
N	•		•		•																•	•
NNE	•		•		•																•	•
NE	•		•		•																•	•
ENE	•				•																•	•
E	•		•																		•	•
ESE	•																				•	•
SE	•		•																		•	•
SSE	•		•		•																•	•
S	•		•		•		•		•												•	•
SSW	•		•		•																•	•
SW	•		•		•																•	•
WSW	•		•																		•	•
W	•		•		•																•	•
WNW	•		•																		•	•
NW	•		•																		•	•
NNW	•		•																		•	•
VARBL			•																		•	•
CALM																					•	
	•		•		•		•		•												•	•

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS (L.S.T.)

DIRECTION

WIND DIRECTION	1	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥56	CALM	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L.S.T.)

WIND SPEED (KNOTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L.S.T.)

CONDITION

[illegible]	[illegible]	4	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥ 56	%	MEAN WIND SPEED
N																						
NNE																						
NE																						
ENE																						
E																						
ESE																						
SE																						
SSE																						
S																						
SSW																						
SW																						
WSW																						
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WNW																						
NW																						
NNW																						
VARBL																						
ALM																						

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L.S.T.)

CONDITION

SPEED KNOTS DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L.S.T.)

CONDITION

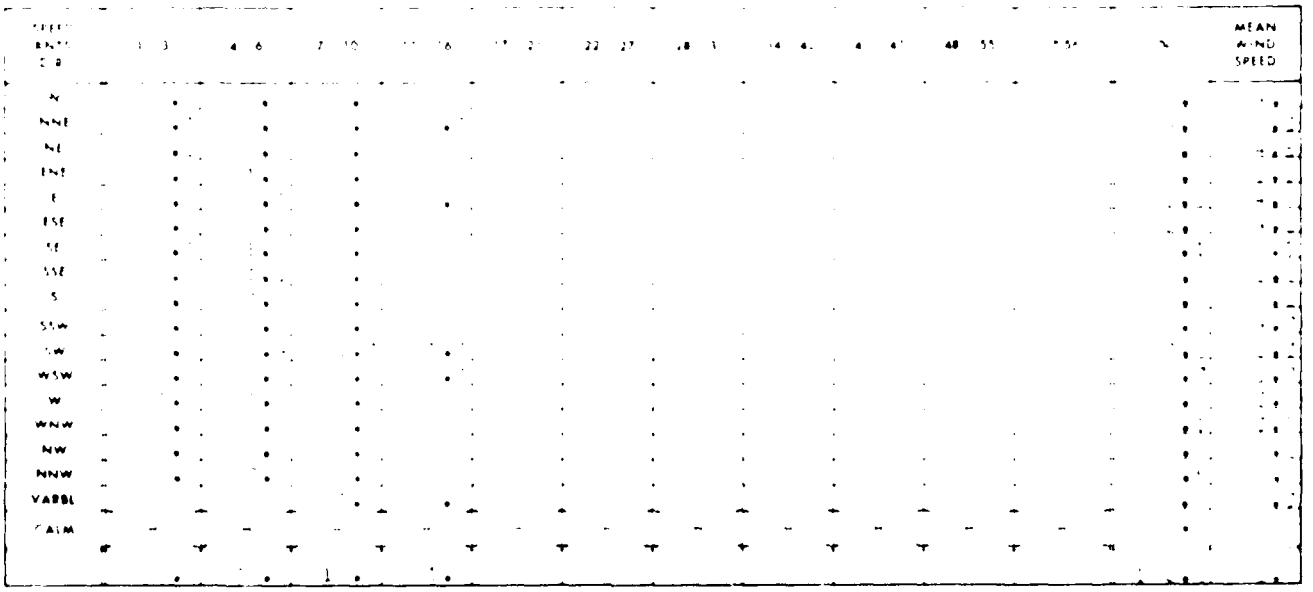
[illegible]	4	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥56	%	MEAN WIND SPEED
N																					
NNE																					
NE																					
ENE																					
E																					
ESE																					
SE																					
SSE																					
S																					
SSW																					
SW																					
WSW																					
W																					
WNW																					
NW																					
NNW																					
VARBL																					
ALM																					

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH



TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION RANGE YEARS MONTH

CLASS HOURS E.S.T.

CONDITION

WIND DIR.	4	5	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥56	%	MEAN WIND SPEED
N																					
NNE																					
NE																					
ENE																					
E																					
ESE																					
SE																					
SSE																					
S																					
SSW																					
SW																					
WSW																					
W																					
WNW																					
NW																					
NNW																					
VARBL																					
CALM																					

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS LIST

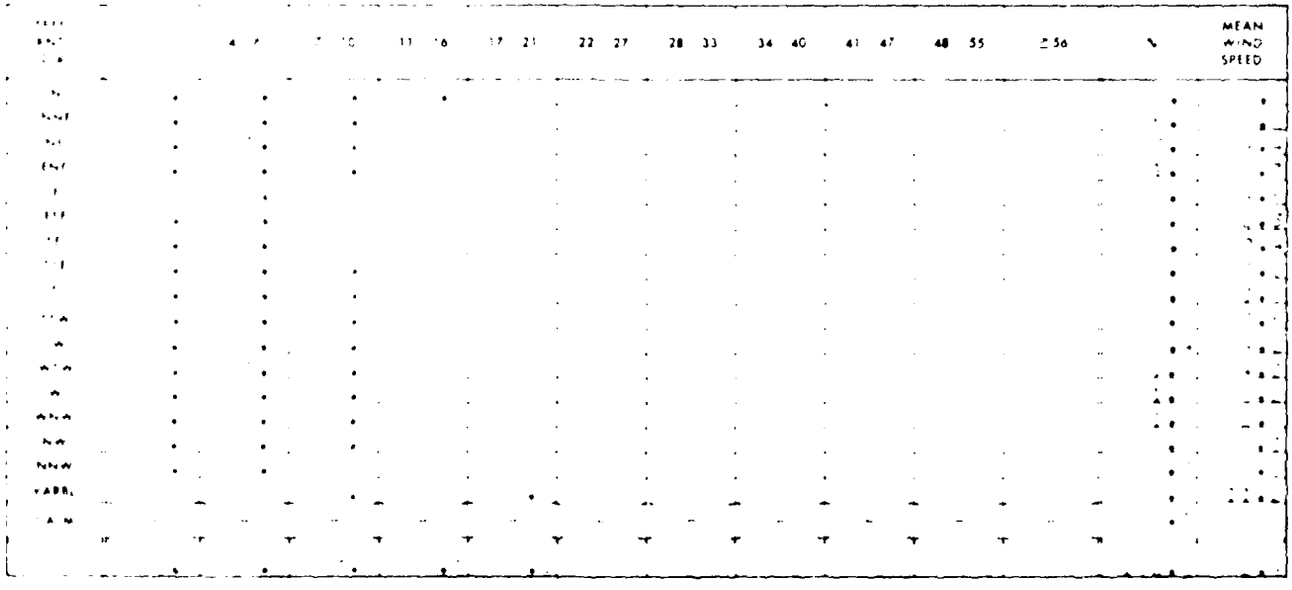
CONDITION

[illegible]	4	[illegible]	[illegible]	[illegible]	[illegible]	16	17	21	22	27	28	33	34	40	41	47	48	55	≥56	[illegible]	MEAN WIND SPEED
[illegible]	•	•	•					•		•										•	•
NNE	•	•	•		•															•	•
[illegible]	•	•	•																	•	•
[illegible]	•																			•	•
[illegible]			•																	•	•
[illegible]	•	•																		•	•
[illegible]		•																		•	•
[illegible]	•	•																		•	•
[illegible]	•	•	•																	•	•
[illegible]	•	•	•																	•	•
[illegible]		•																		•	•
[illegible]		•																		•	•
[illegible]	•	•																		•	•
[illegible]	•	•																		•	•
[illegible]	•	•																		•	•
[illegible]	•	•																		•	•
[illegible]	•	•																		•	•
[illegible]	•	•																		•	•
[illegible]																				•	
[illegible]	•	•	•		•			•		•										•	•

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED FROM HOURLY OBSERVATIONS)



TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS

HOURS (L.S.T.)

SPEED (KNOTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

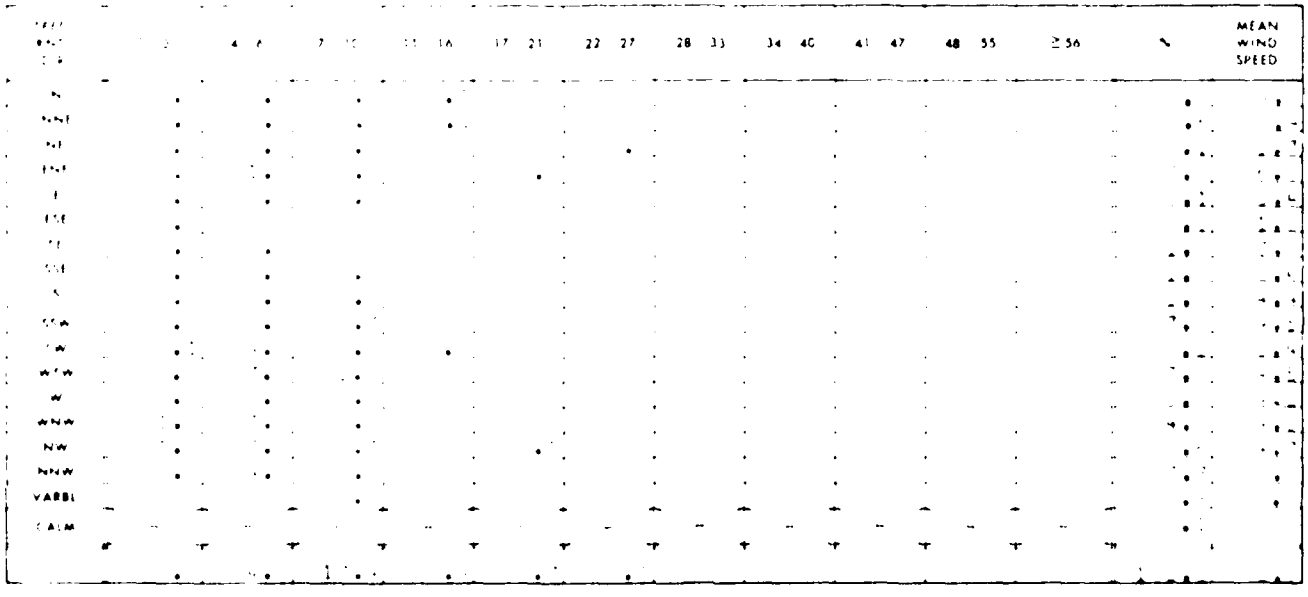
TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS (LST)



TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS L.S.T.

CONDITION

WIND DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS L.S.T.

WIND DIRECTION	1–3	4–6	7–10	11–16	17–21	22–27	28–33	34–40	41–47	48–55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS

HOURS (L.S.T.)

CONDITION

SPEED KNOTS	4	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥56	%	MEAN WIND SPEED
N																					
NNE																					
NE																					
ENE																					
E																					
ESE																					
SE																					
SSE																					
S																					
SSW																					
SW																					
WSW																					
W																					
WNW																					
NW																					
NNW																					
VARBL																					
CALM																					

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L.S.T.)

CONDITION

WIND DIRECTION	SPEED (KNOTS) 1–3	4–6	7–10	11–16	17–21	22–27	28–33	34–40	41–47	48–55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS

CONDITION HOURS (L.S.T.)

WIND SPEED (KNOTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS (L.S.T.)

SPEED (KNOTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
%													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NAME YEARS MONTH

CLASS HOURS (L.S.T.)

CONDITION

[illegible]	1	4	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	≥56	%	MEAN WIND SPEED
N	•		•		•		•														•	•
NNE	•		•		•																•	•
NE	•		•				•														•	•
ENE	•		•		•																•	•
E	•		•		•																•	•
ESE	•		•				•														•	•
SE	•		•		•																•	•
SSE	•		•		•																•	•
S	•		•		•		•														•	•
SSW	•		•		•		•														•	•
SW	•		•		•																•	•
WSW	•		•																		•	•
W	•		•		•		•														•	•
WNW	•		•		•		•														•	•
NW	•		•		•		•														•	•
NNW	•		•		•		•														•	•
VARBL					•		•														•	•
CALM																					•	
	•		•		•		•														•	•

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNOTS) DIR	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS

HOURS (L.S.T.)

SPEED (KNOTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNOTS) DIR	3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS E.S.T.

CONDITION

WIND DIRECTION	1 - 4	5 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH

CLASS HOURS G.S.T.

WIND DIRECTION	3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	≥ 56	∿	MEAN WIND SPEED
N	•	•	•	•								•	•
NNE	•	•	•									•	•
NE	•		•									•	•
ENE													
E	•	•										•	•
ESE													
SE	•	•										•	•
SSE		•										•	•
S	•	•	•									•	•
SSW	•	•	•									•	•
SW	•	•	•	•								•	•
WSW	•	•	•									•	•
W	•	•	•	•								•	•
WNW	•	•	•	•								•	•
NW	•	•	•									•	•
NNW	•	•	•	•								•	•
VARBL	—	—	—	—	—	—	—	—	—	—	—		
CALM	—	—	—	—	—	—	—	—	—	—	—	•	
	•	•	•	•								•	•

TOTAL NUMBER OF OBSERVATIONS

OPERATIONAL "A"
USAFETAC, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

PART B

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than [illegible] feet and as a separate class "no ceiling," versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and the tables are presented for each available 3-hour groups.

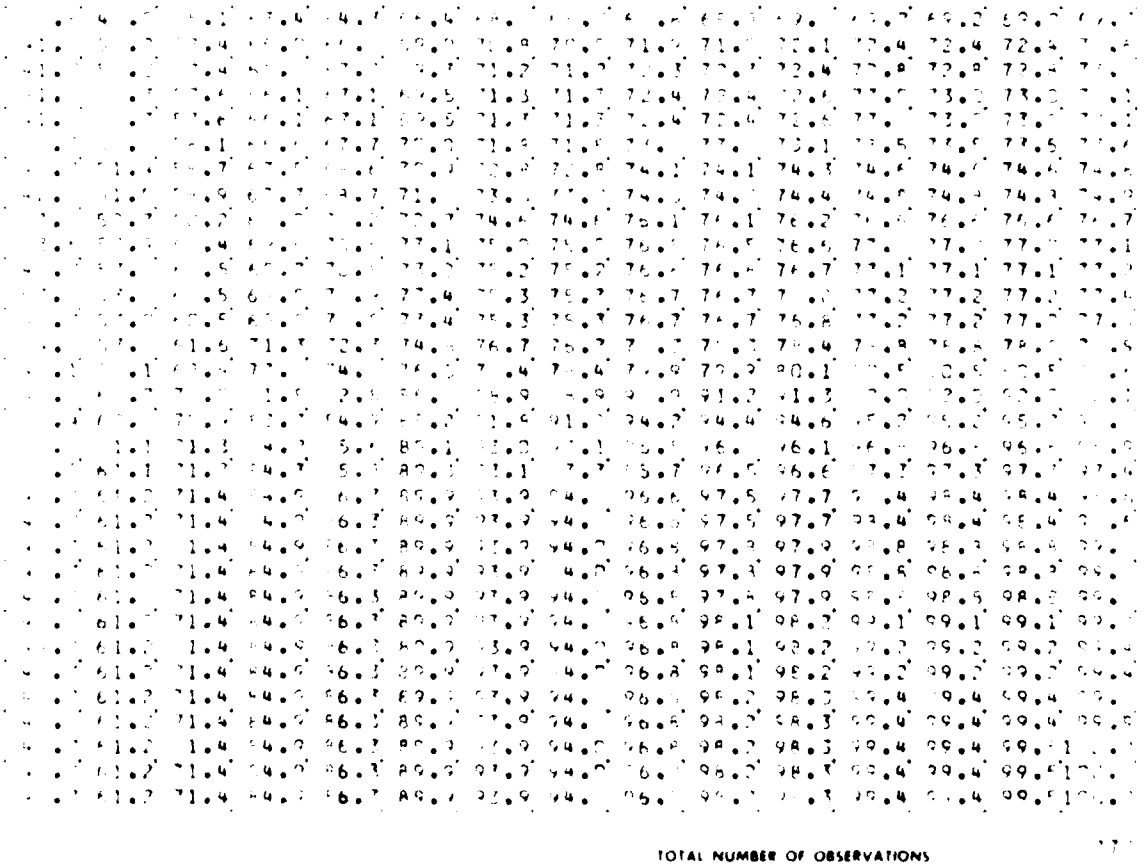
Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the 10+ visibility category should be used with great caution.

For Overseas Civilian stations reporting "CAVOK", all ceilings greater than 5,000 feet are suppressed into the 5,000+ ceiling class.

CEILING VERSUS VISIBILITY

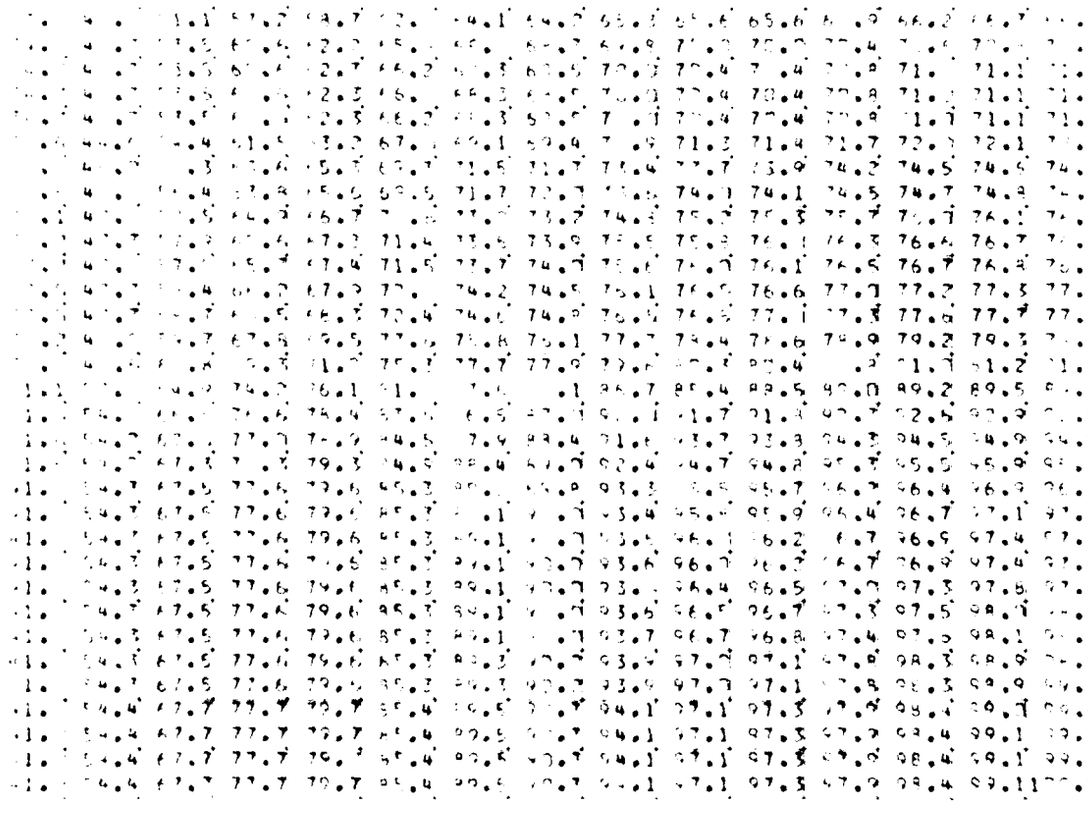
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

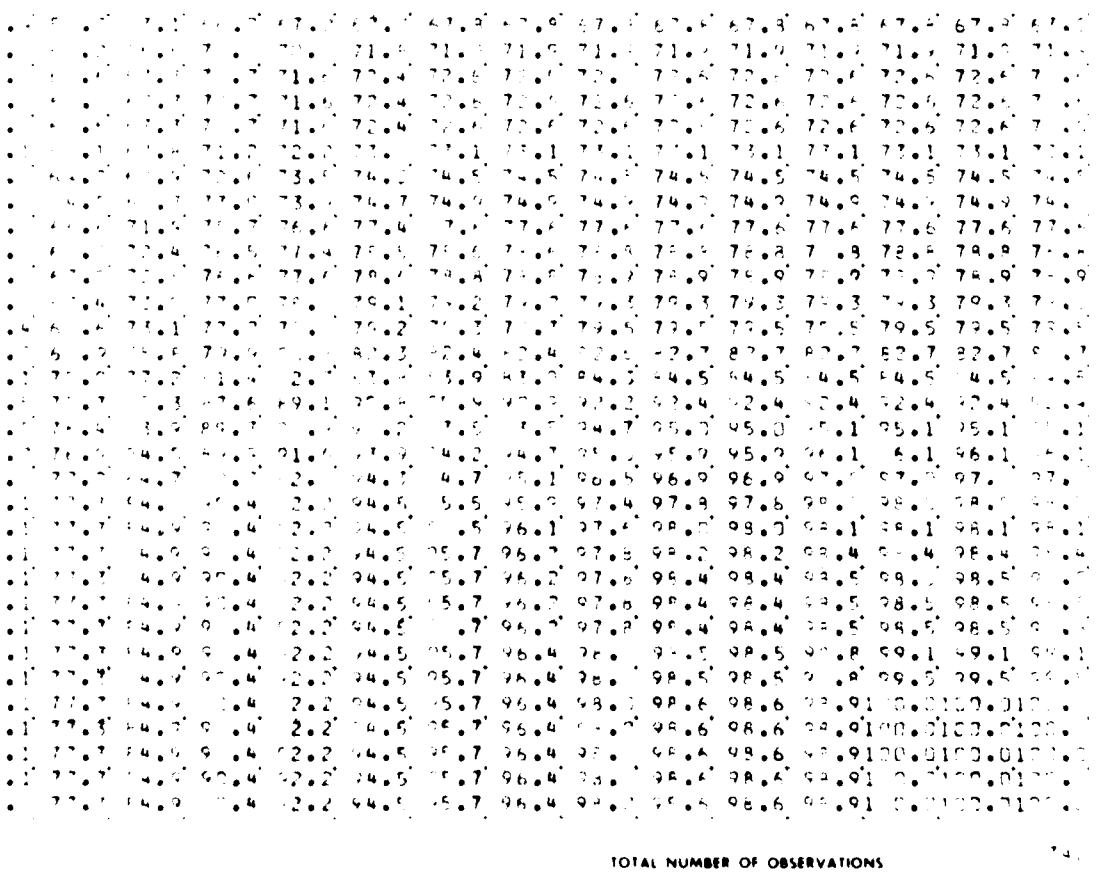
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

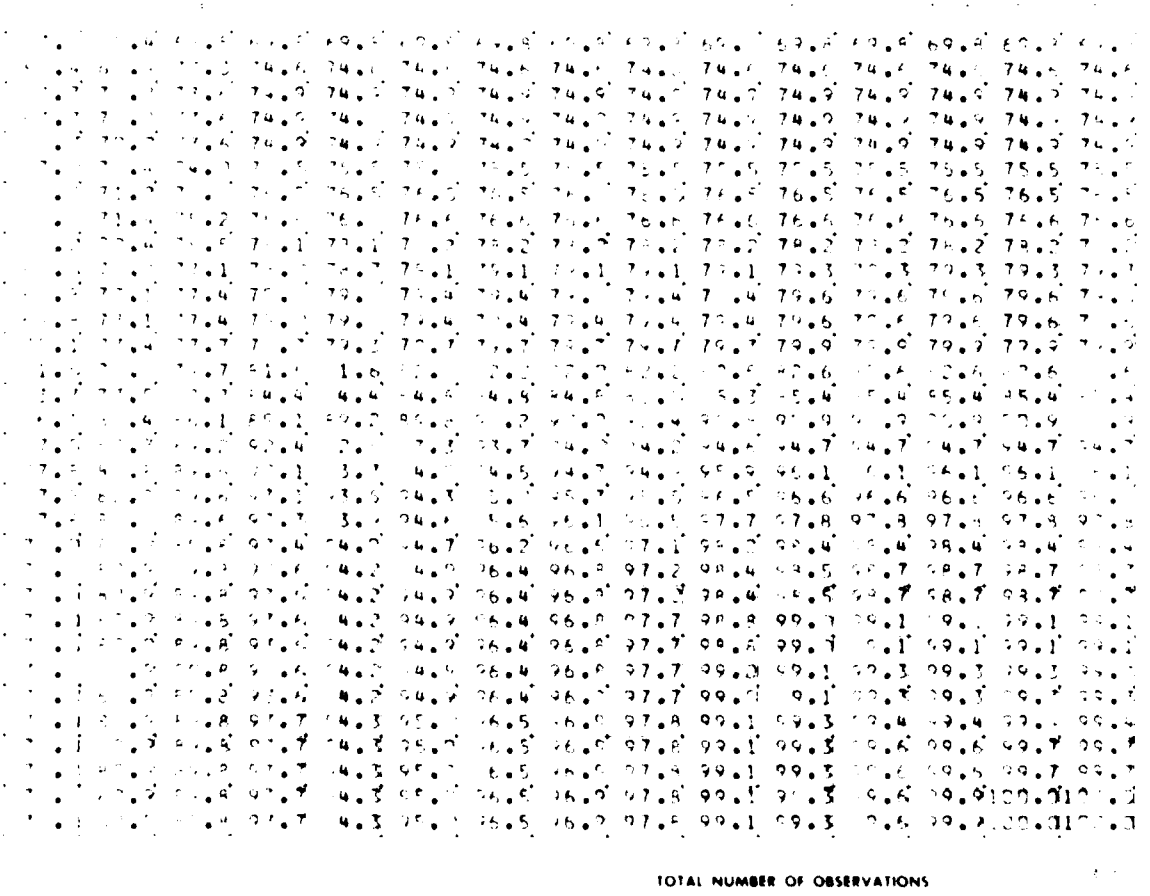
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

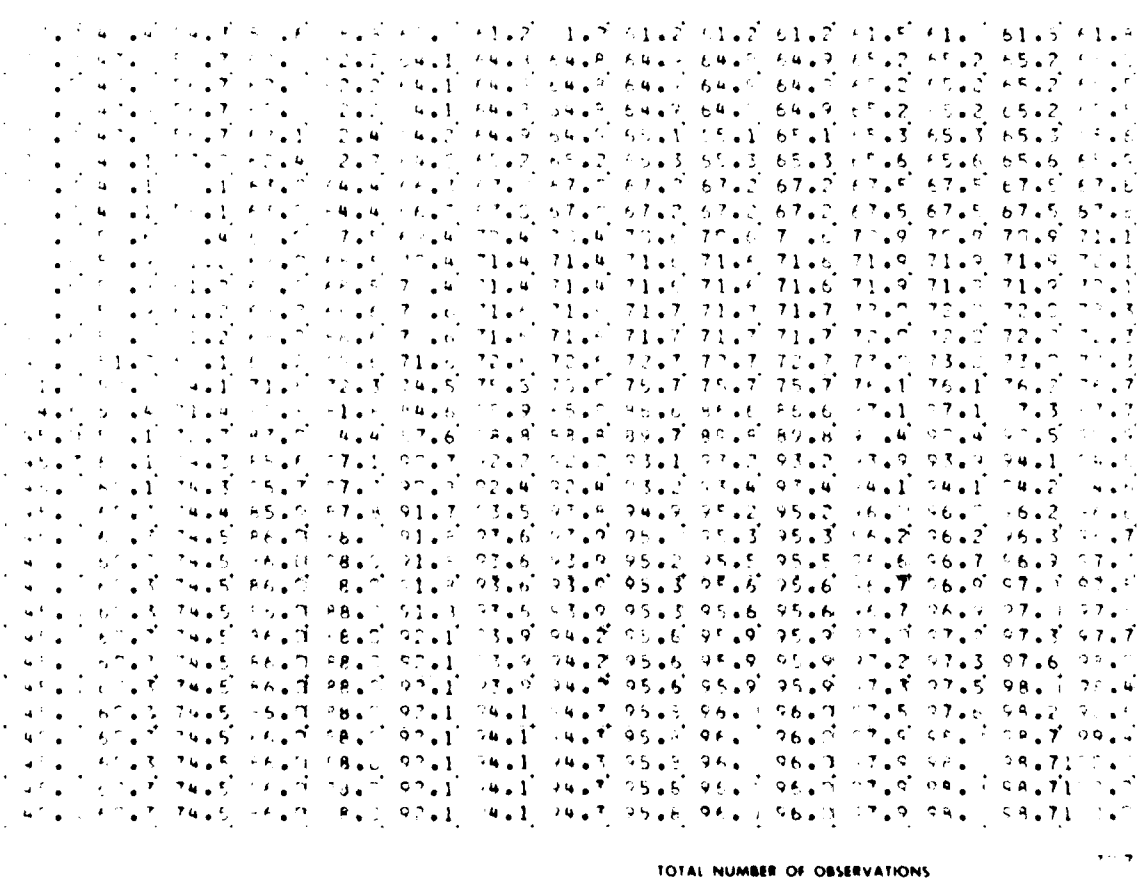
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

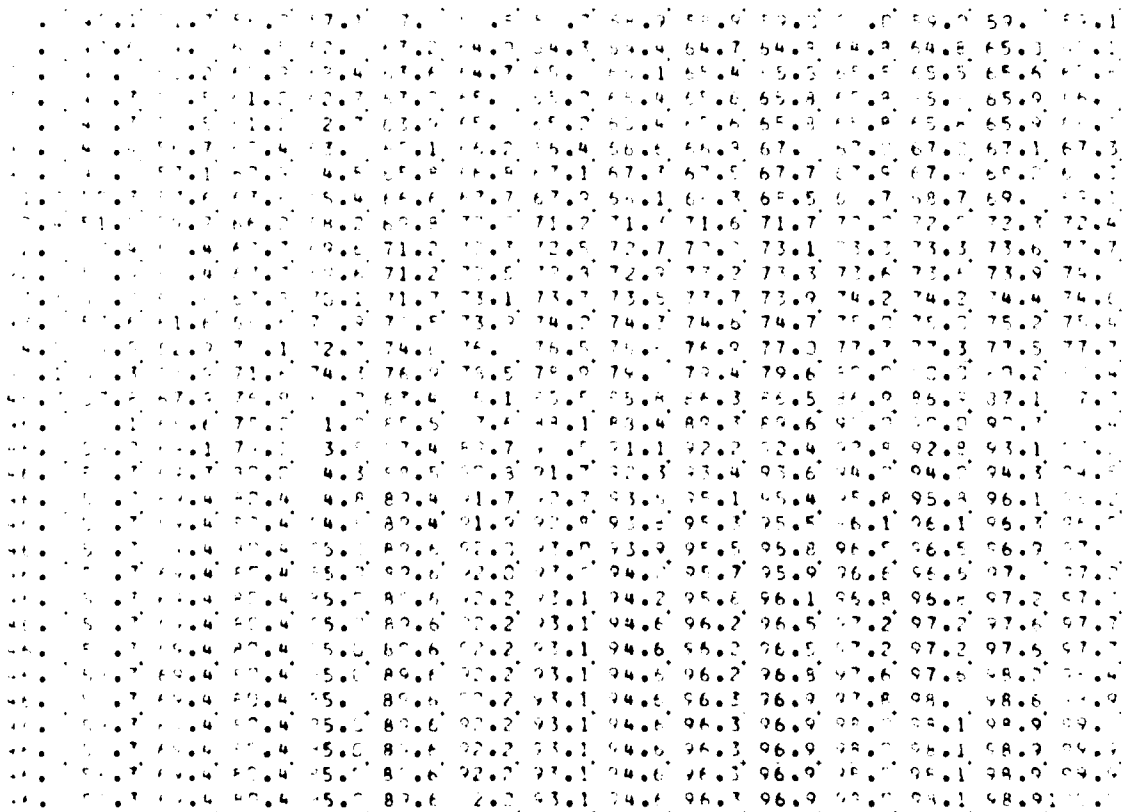
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

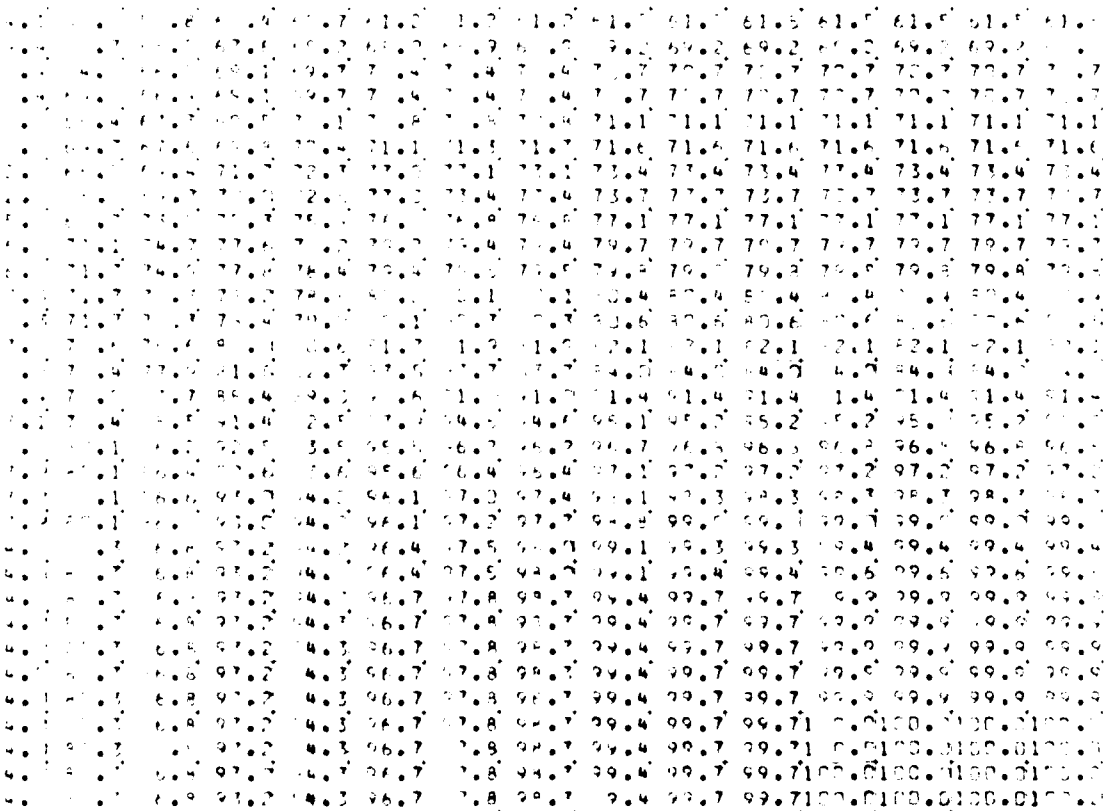
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

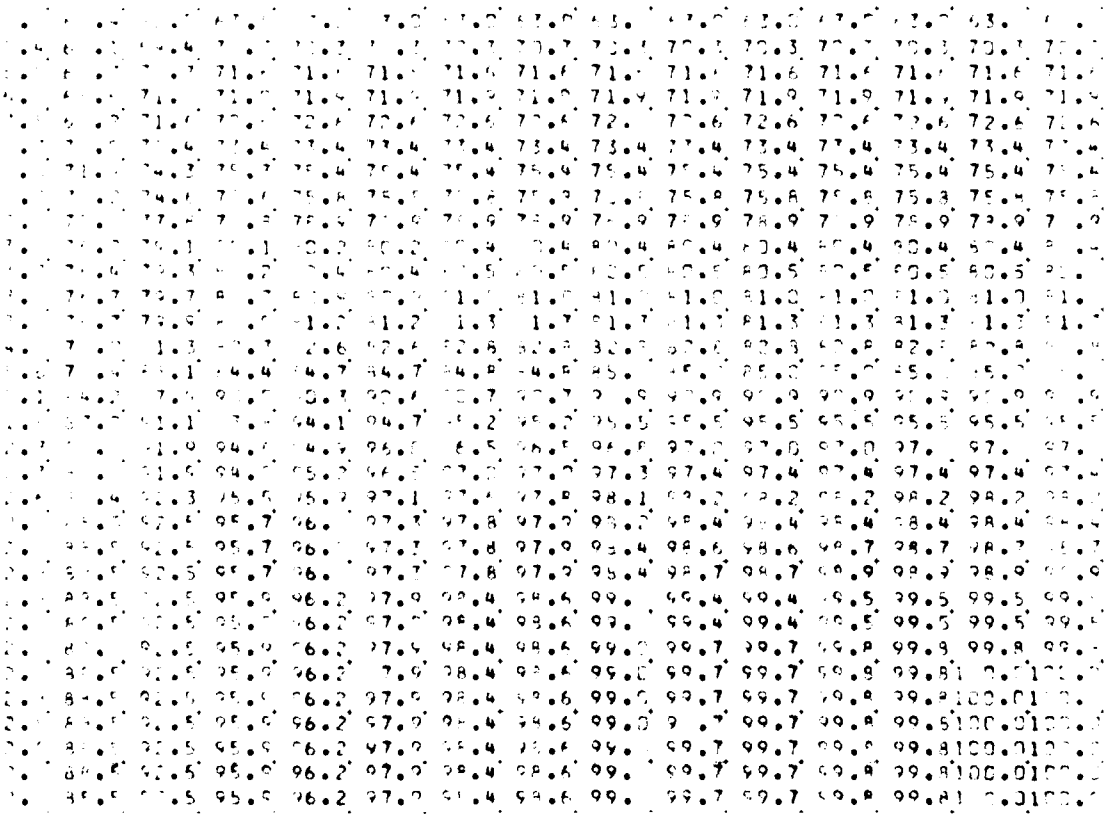
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

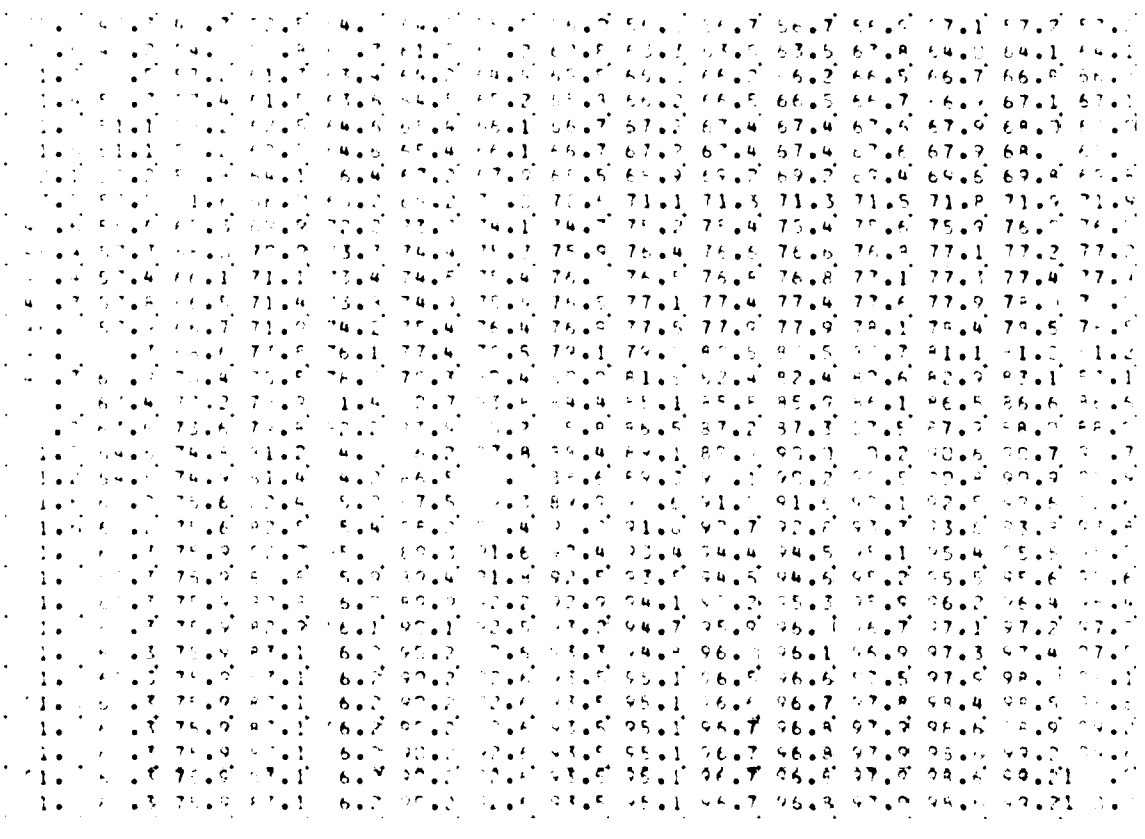
CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

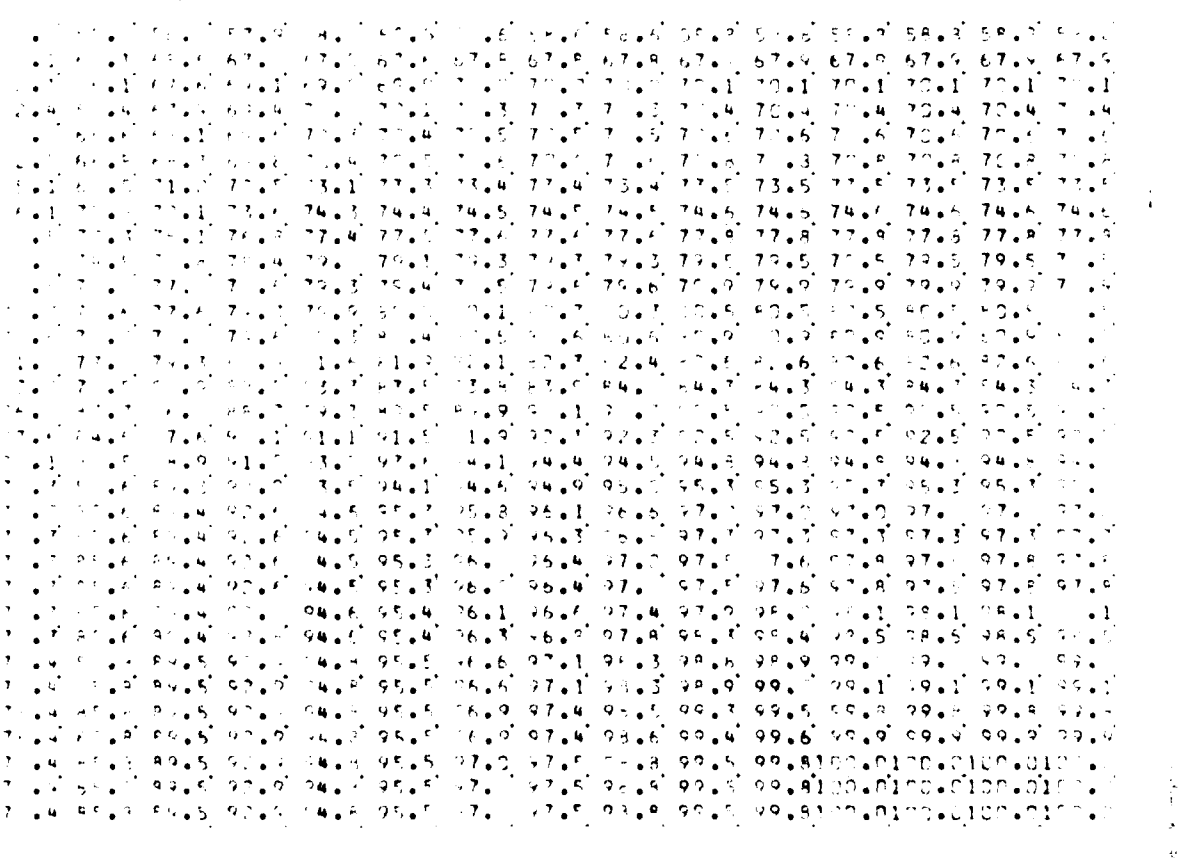
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

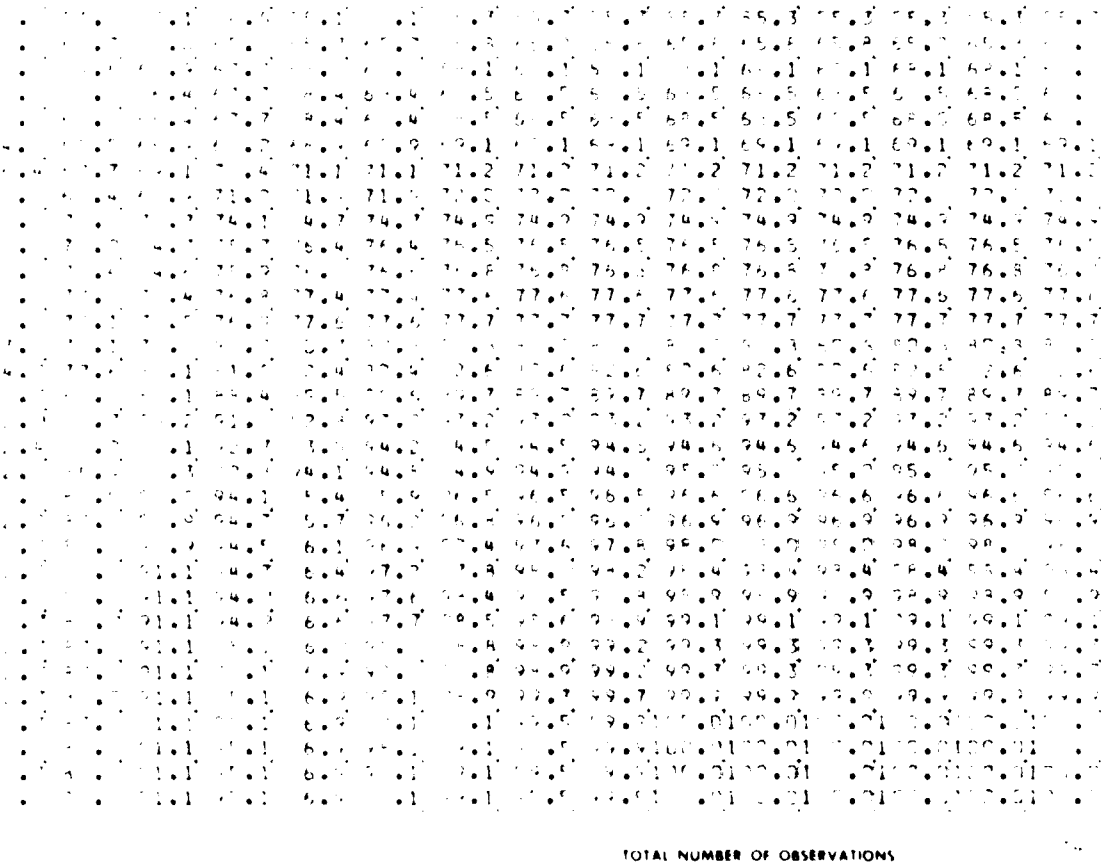
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

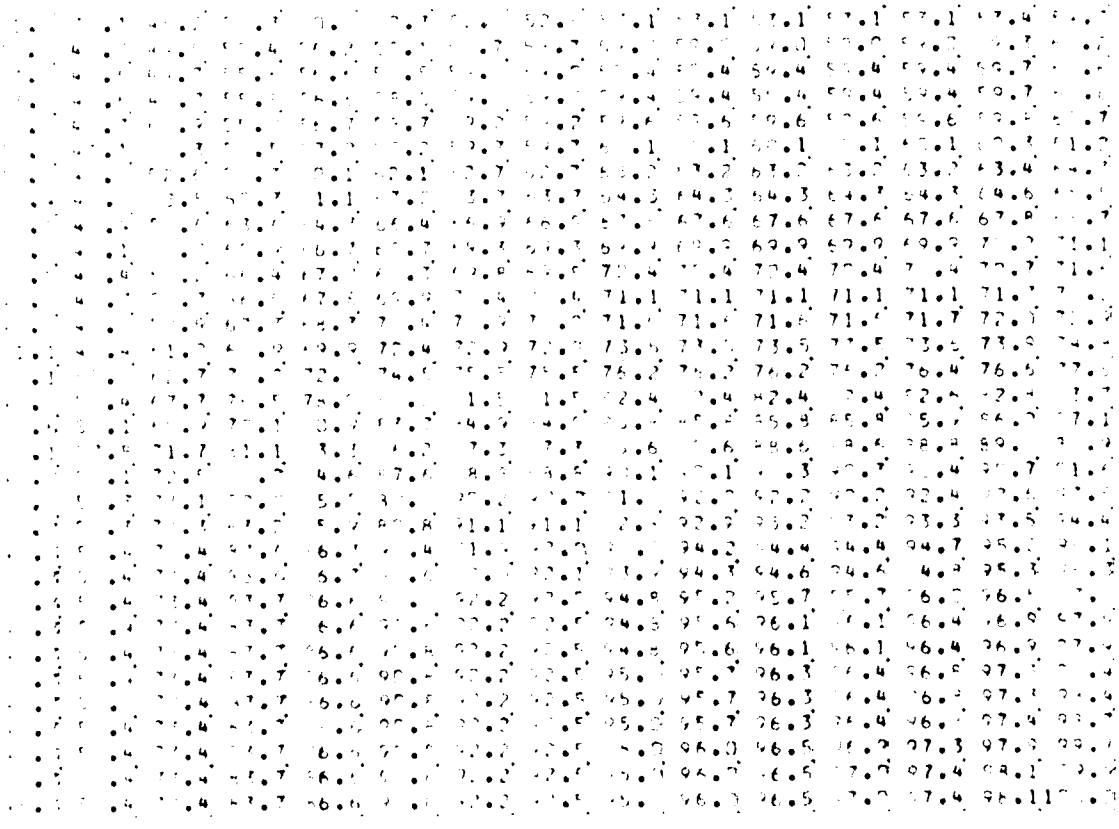
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

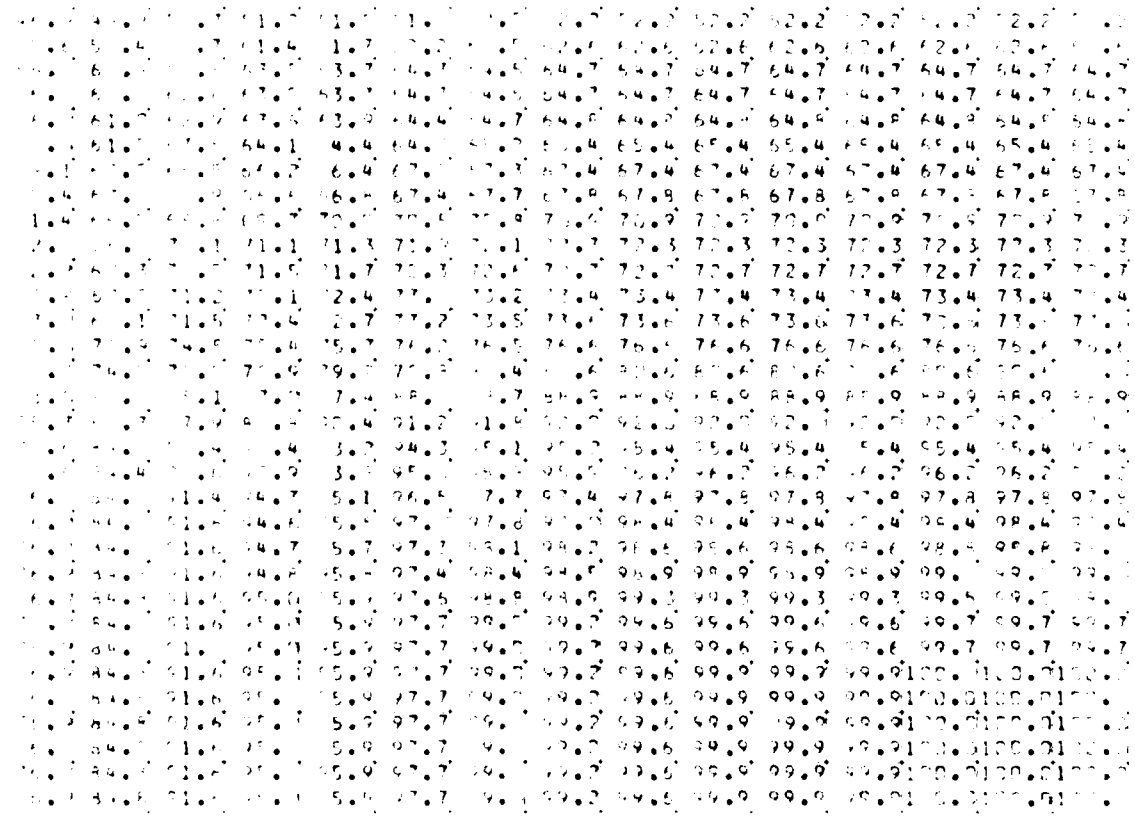
CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

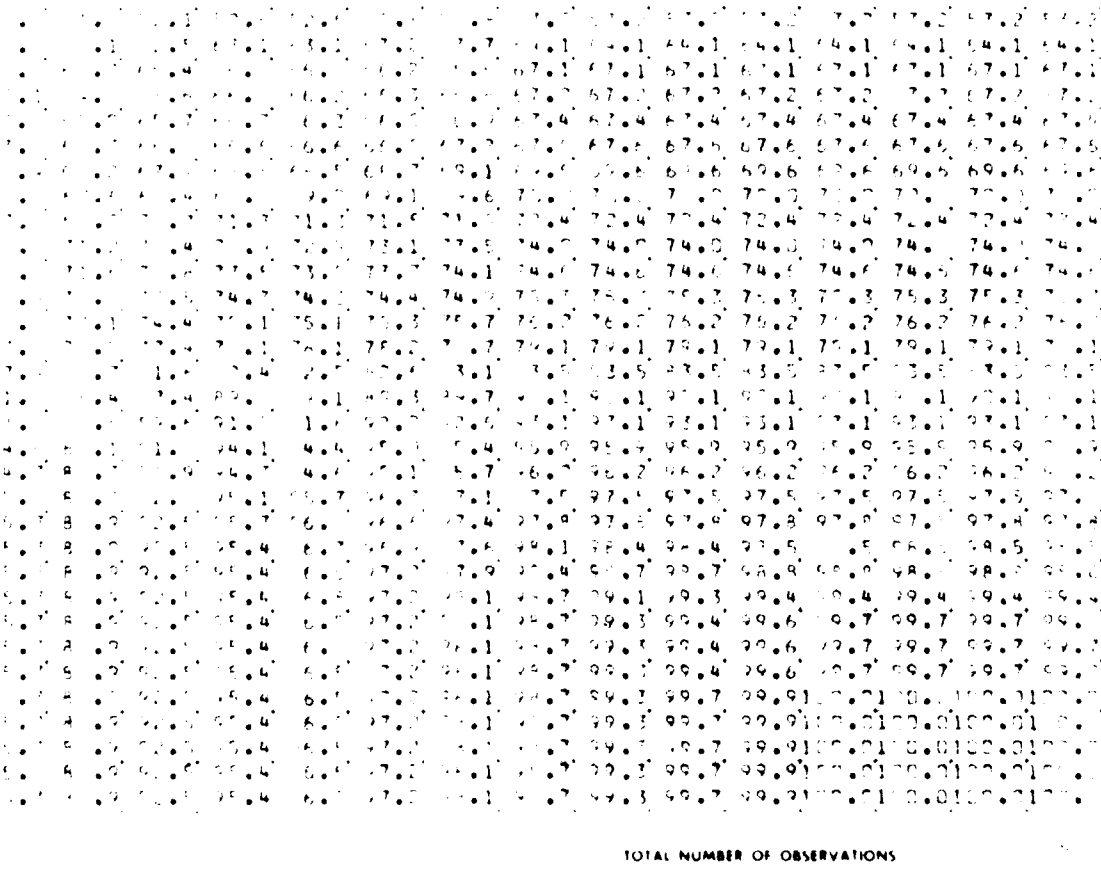
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

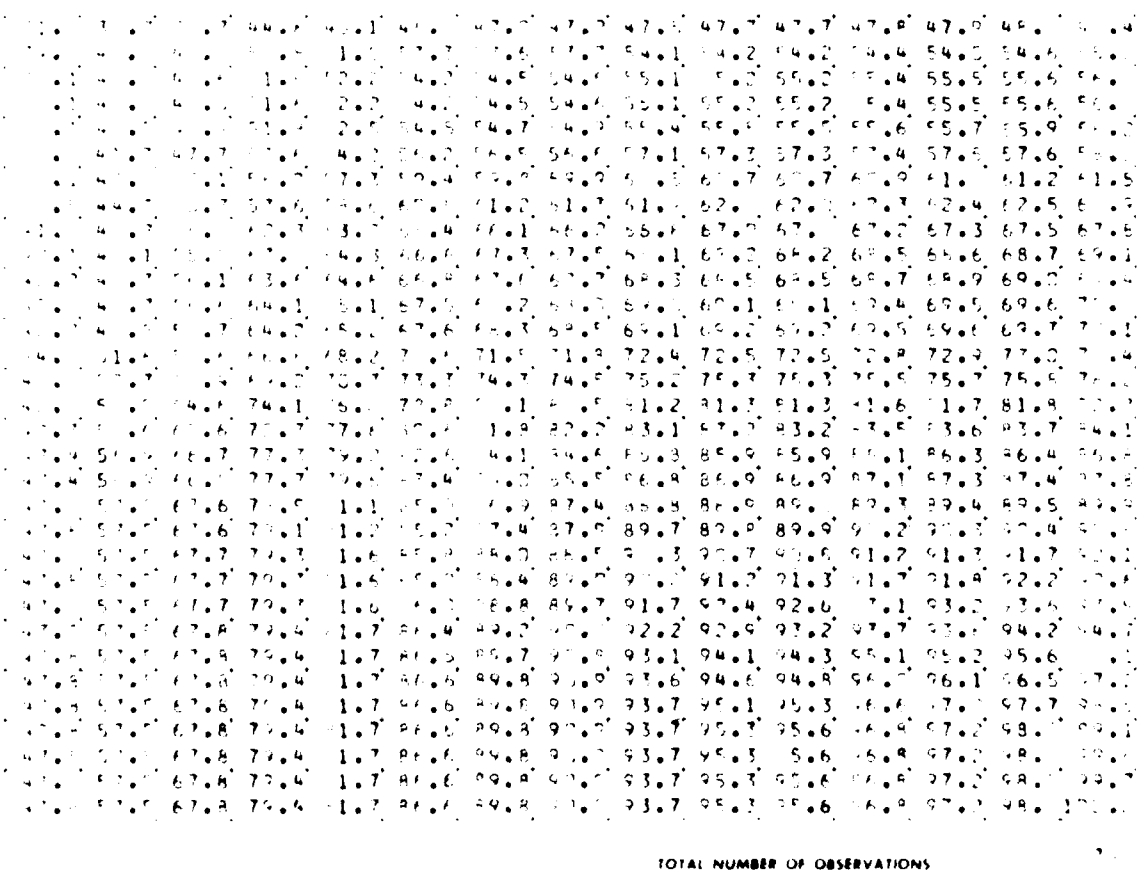
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

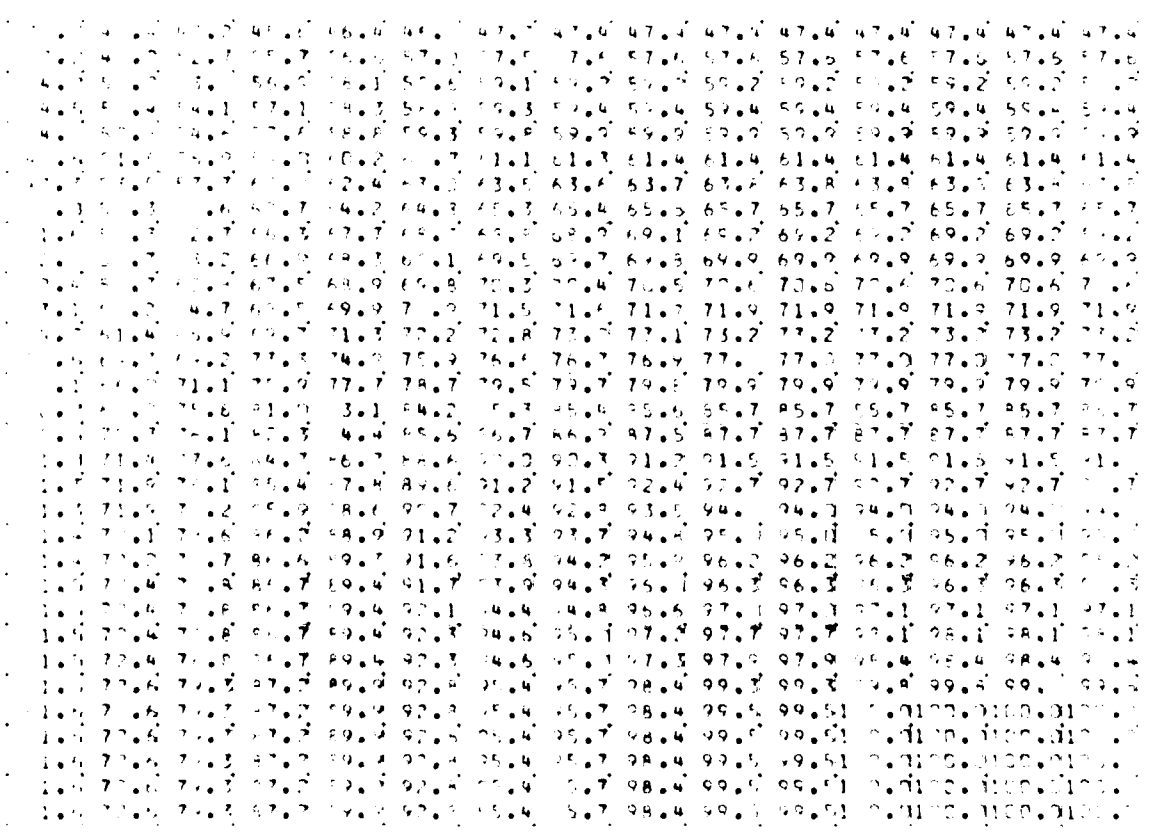
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

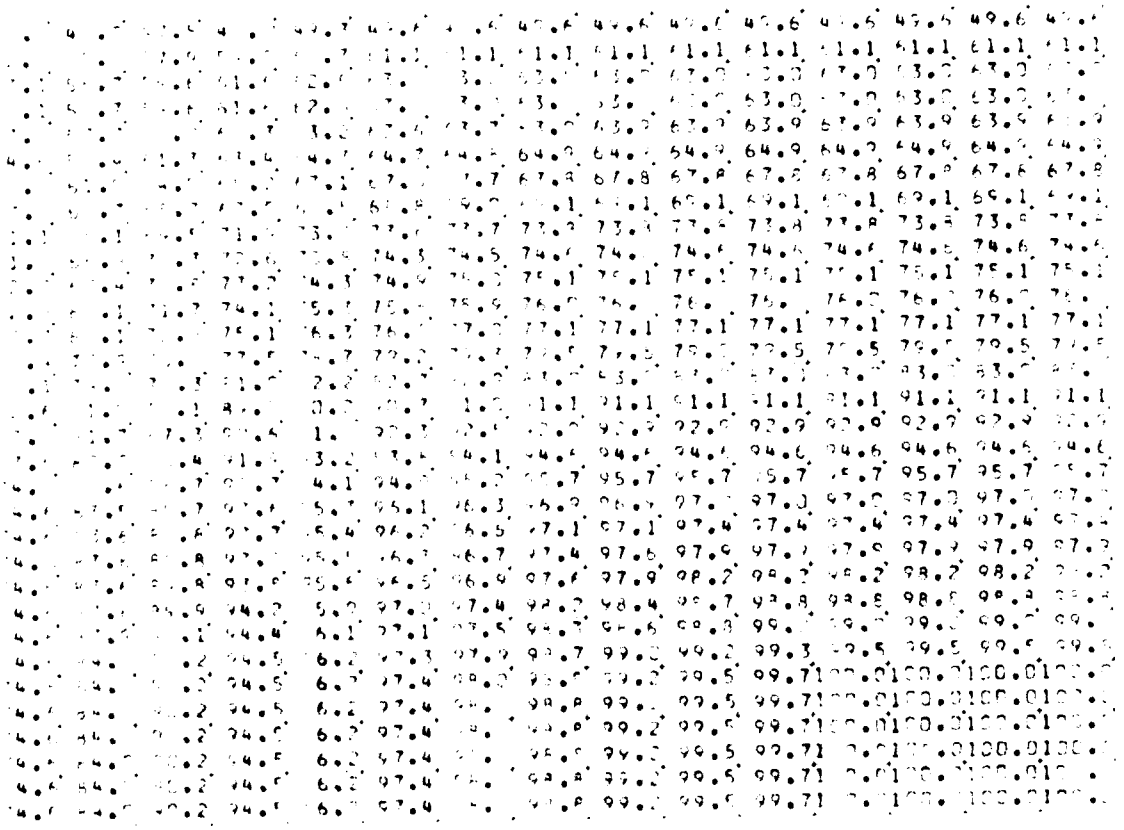
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

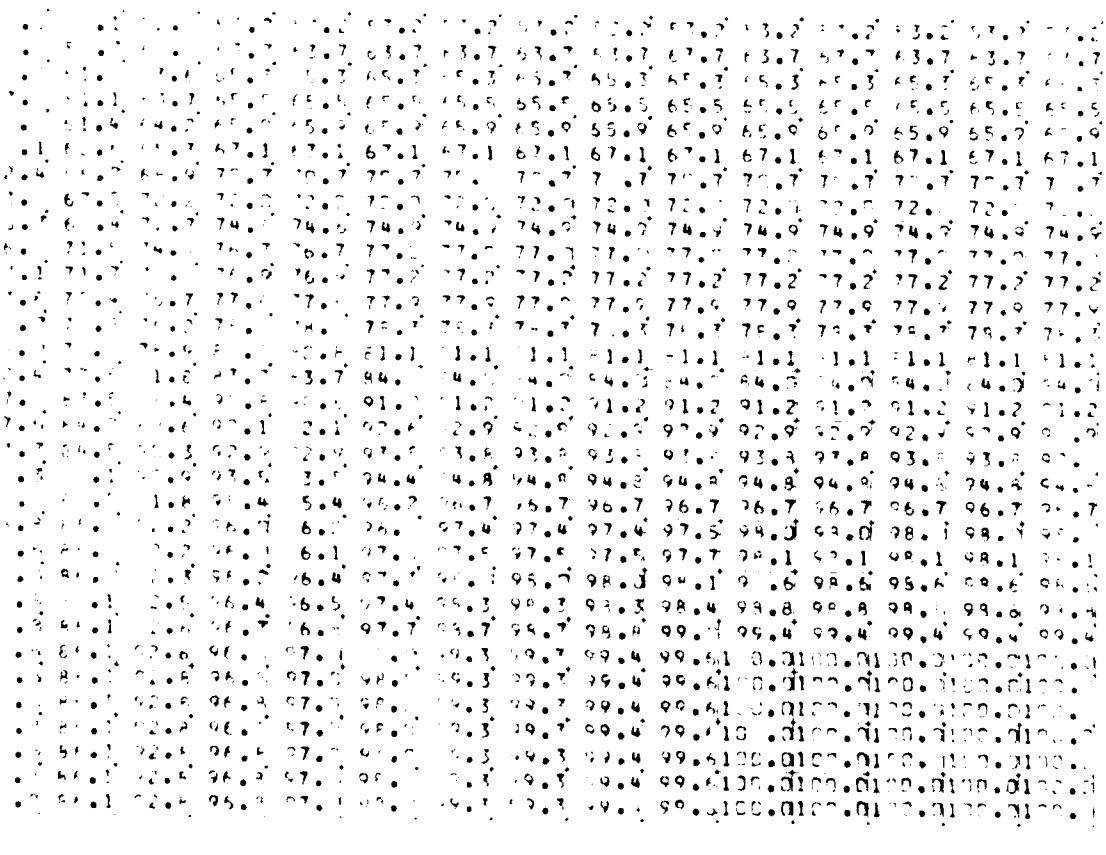
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

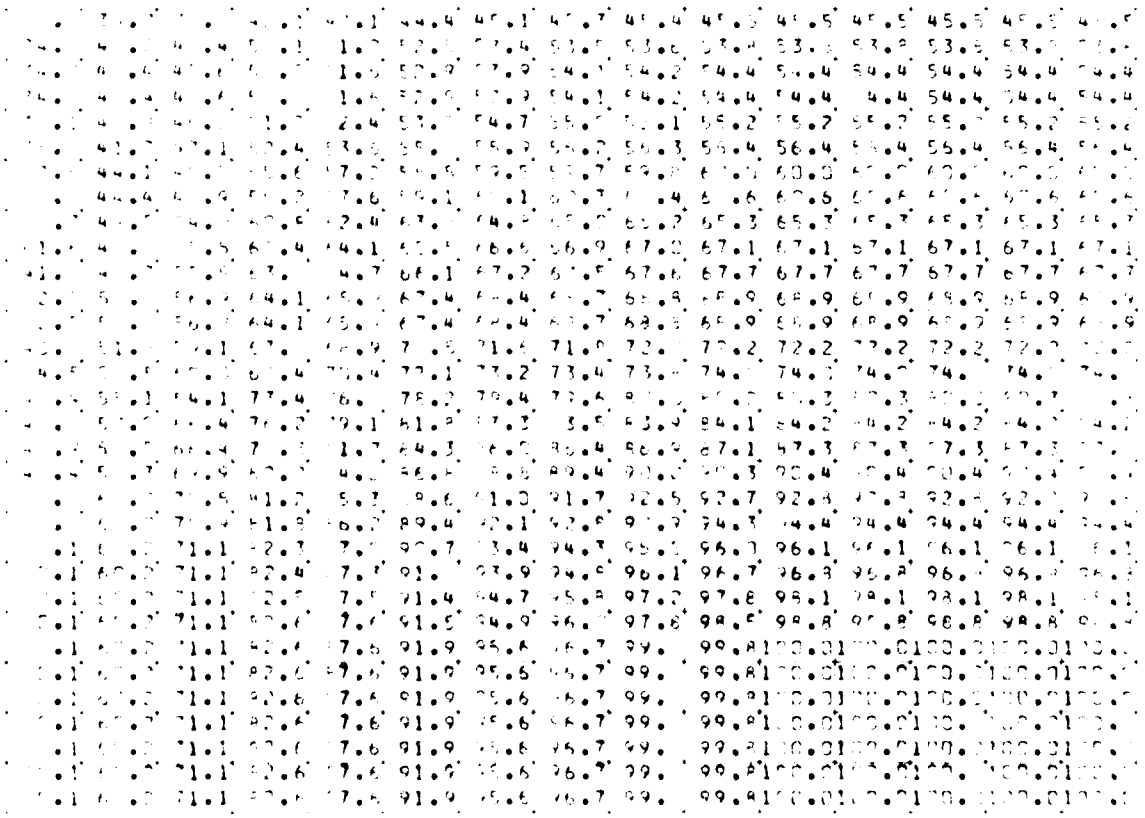
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

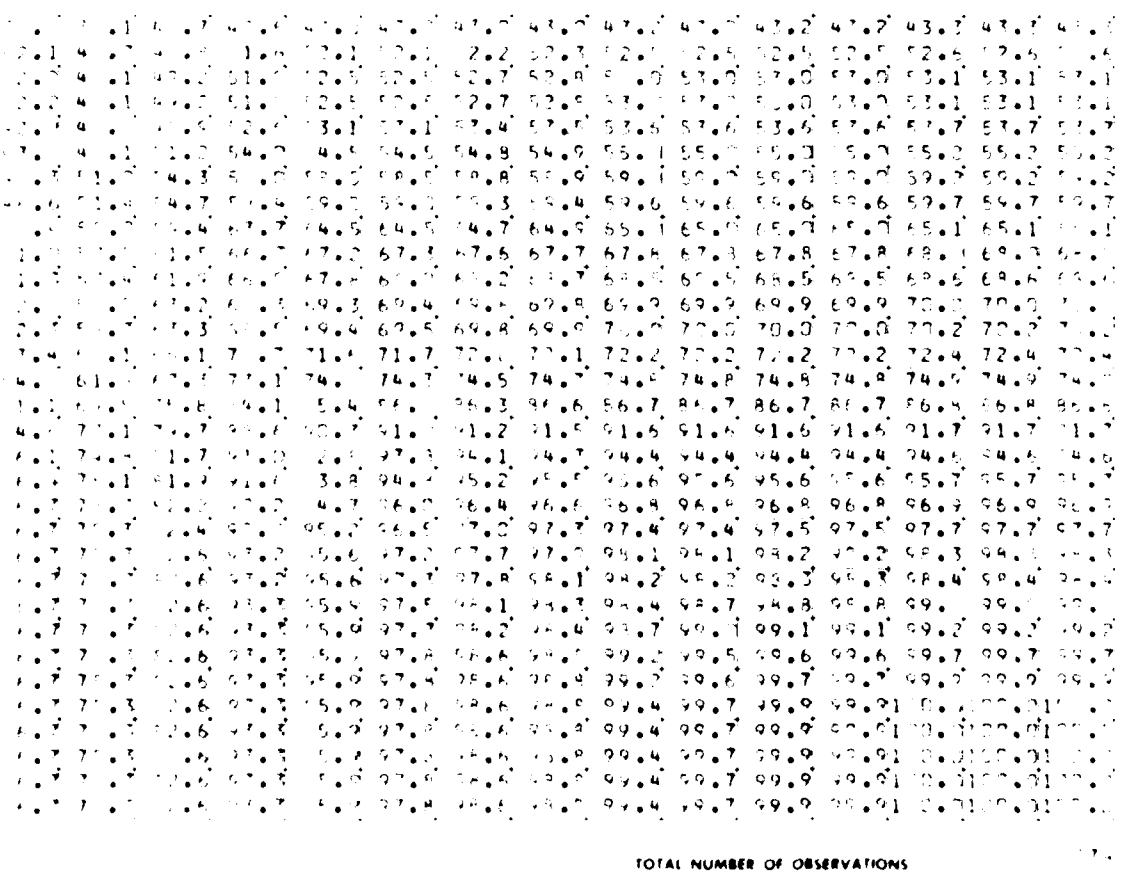
CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

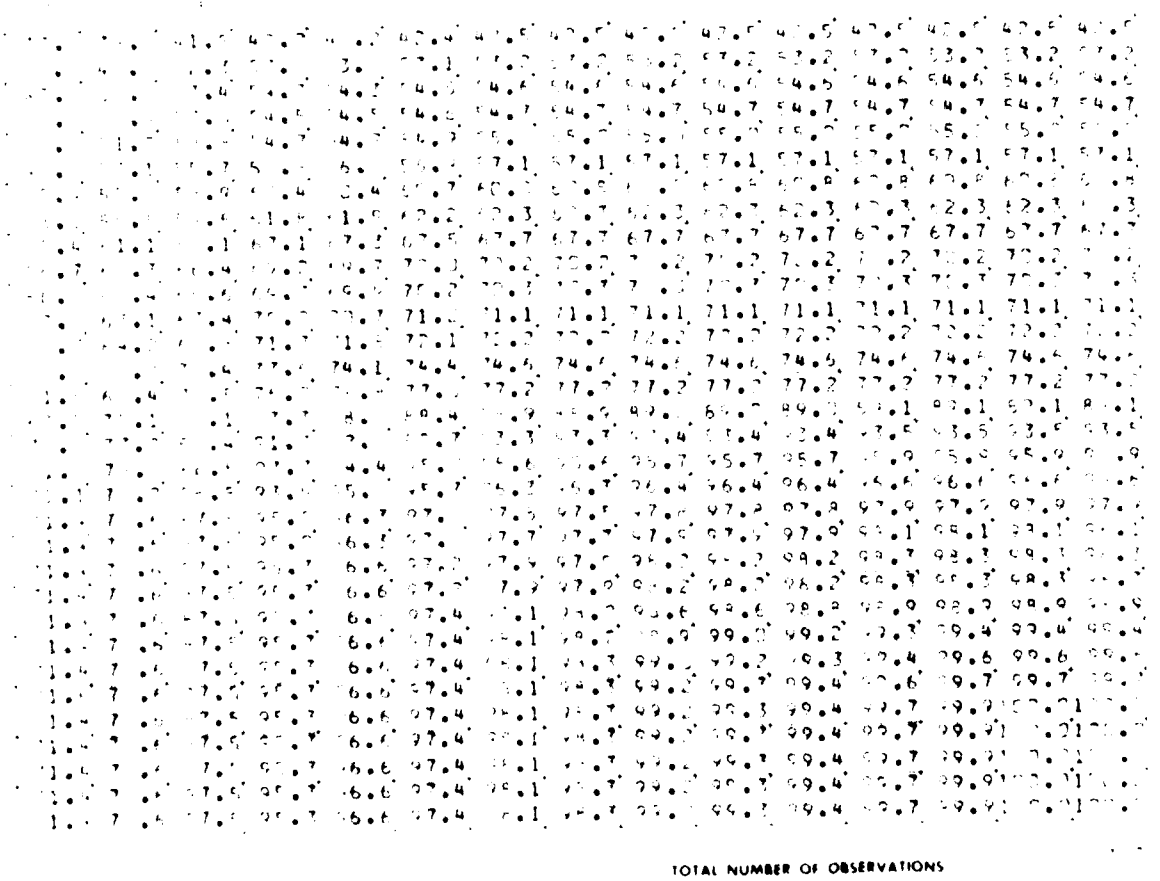
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

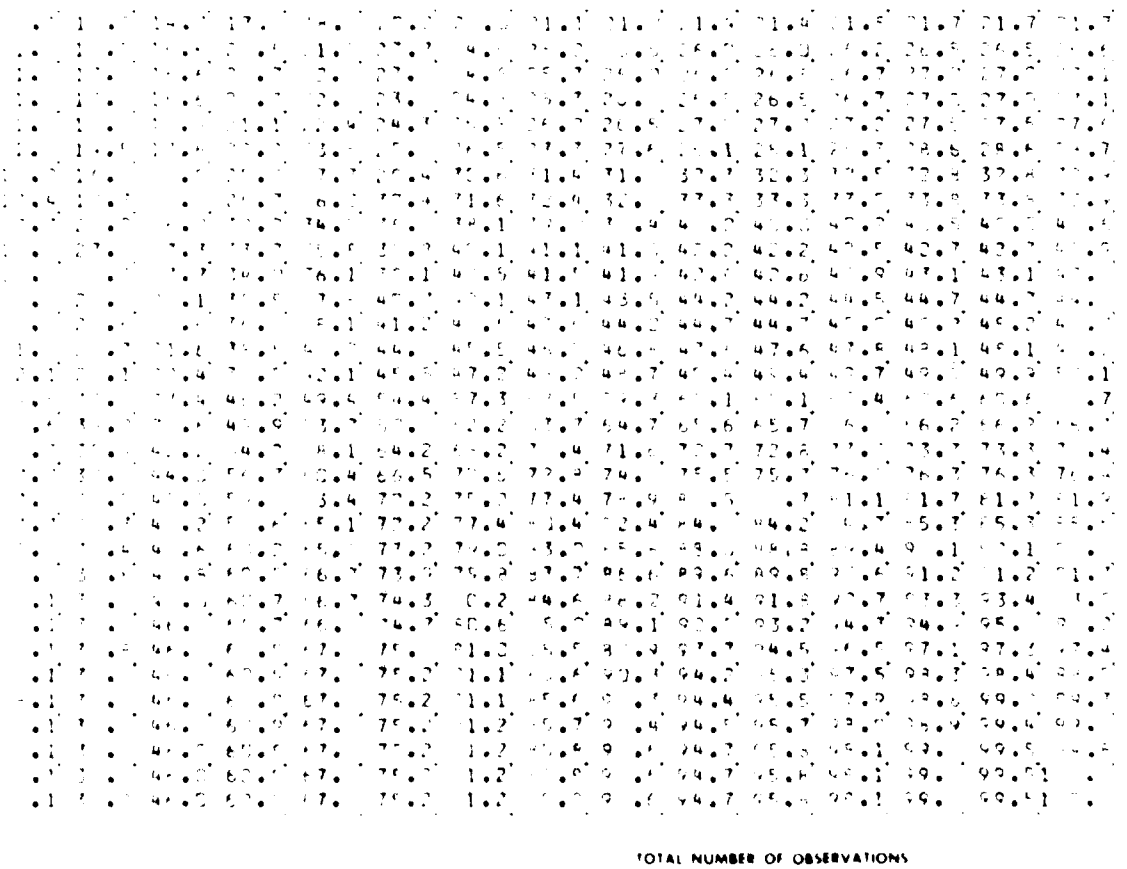
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



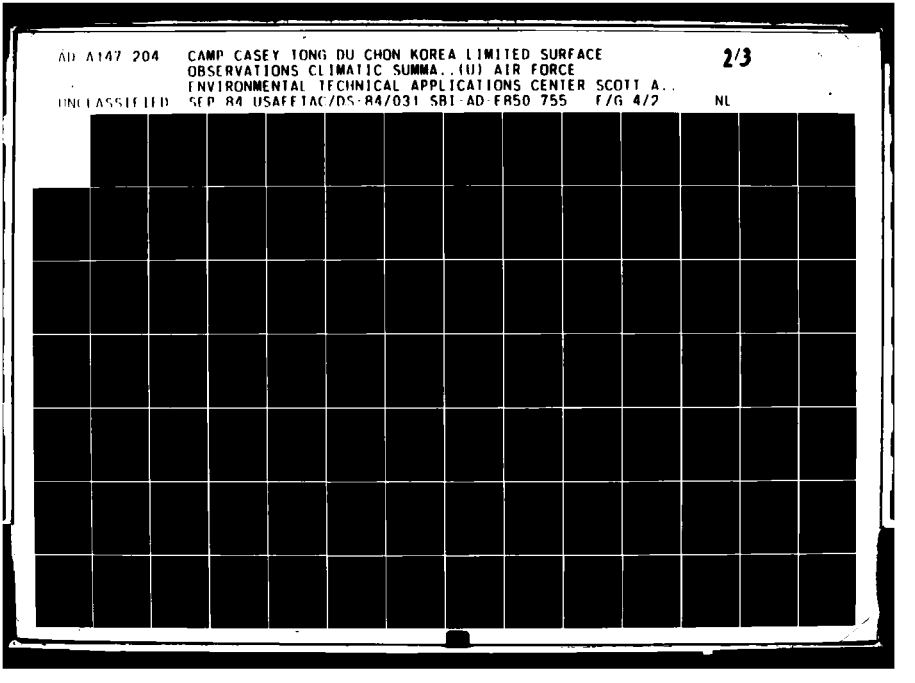
TOTAL NUMBER OF OBSERVATIONS

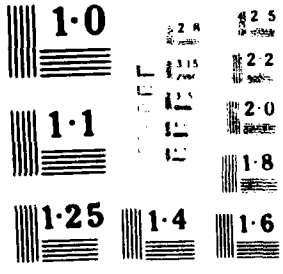
CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



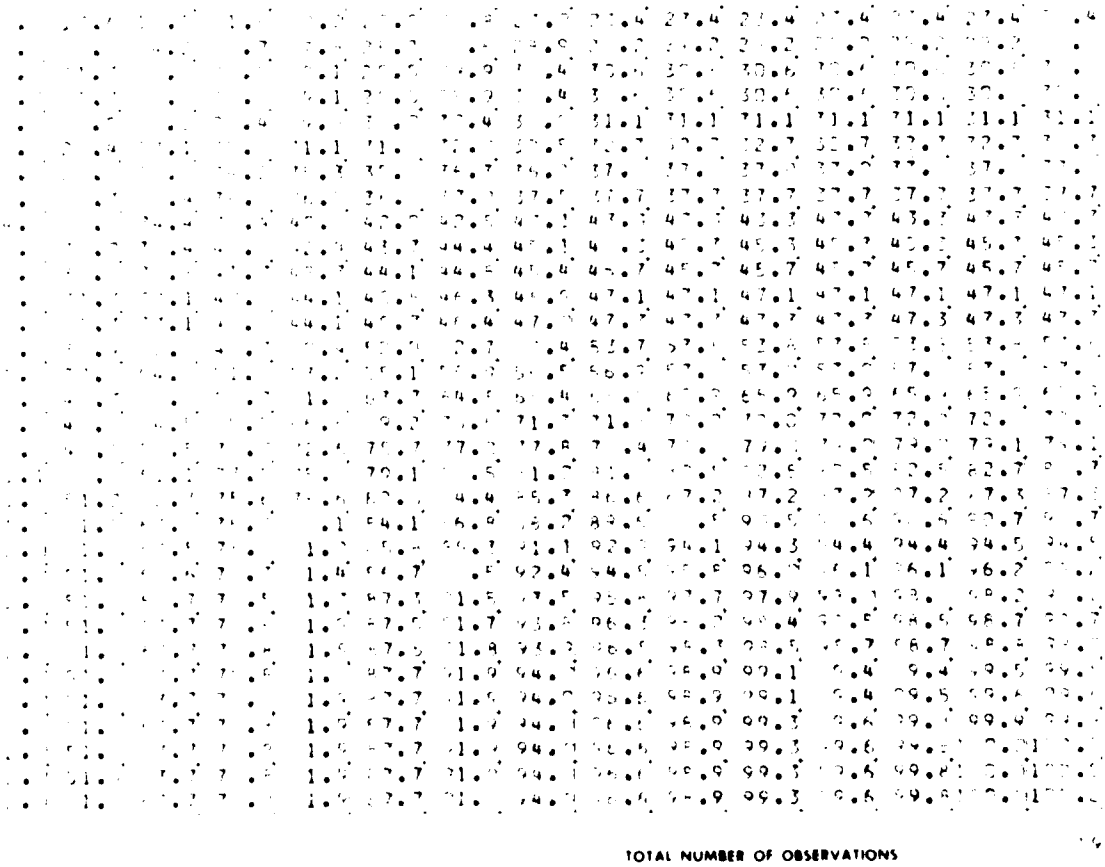
TOTAL NUMBER OF OBSERVATIONS


AD A147 204
CAMP CASEY TONG DU CHON KOREA LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMA..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A..
2/3
UNCLASSIFIED
SEP 84 USAFETAC/DS-84/031 SBI-AD-F850 755 F/G 4/2
NL


1·0
1·1
1·25
1·4
1·6
2·2
2·0
1·8

CEILING VERSUS VISIBILITY

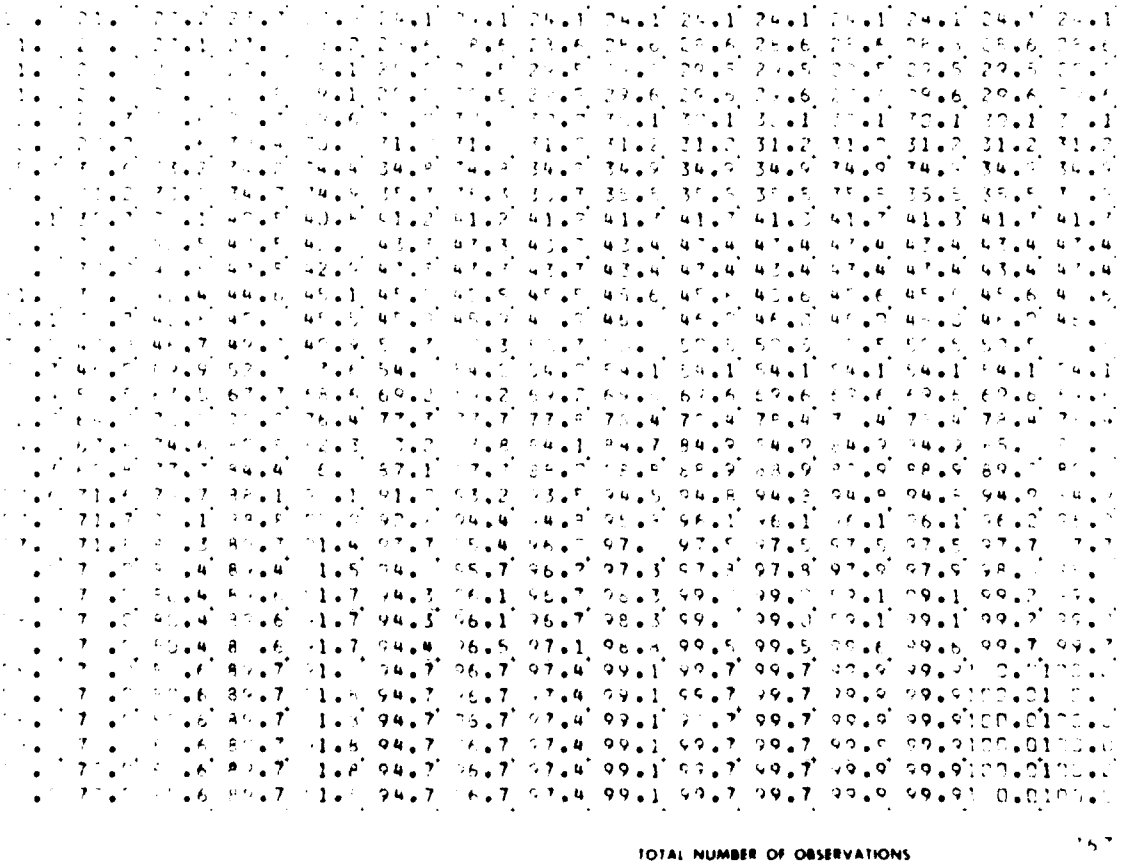
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

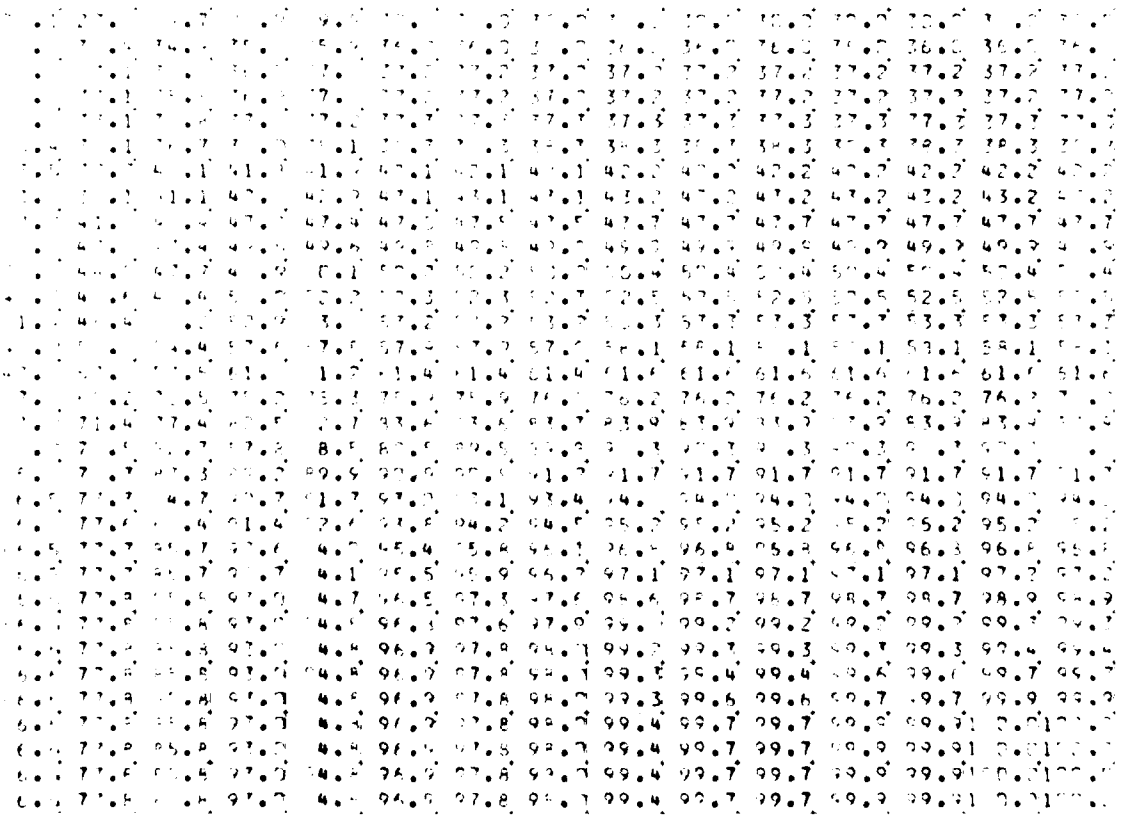
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

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PERCENTAGE FREQUENCY OF OCCURRENCE
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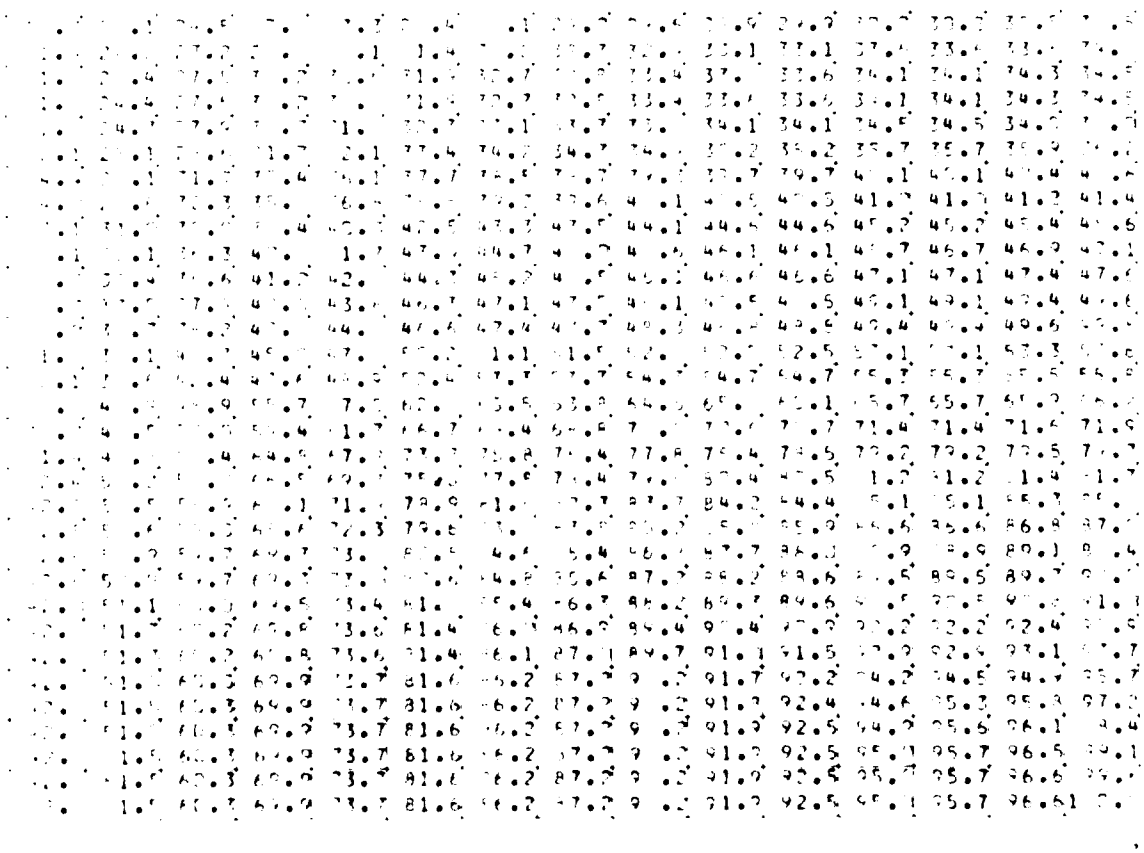

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
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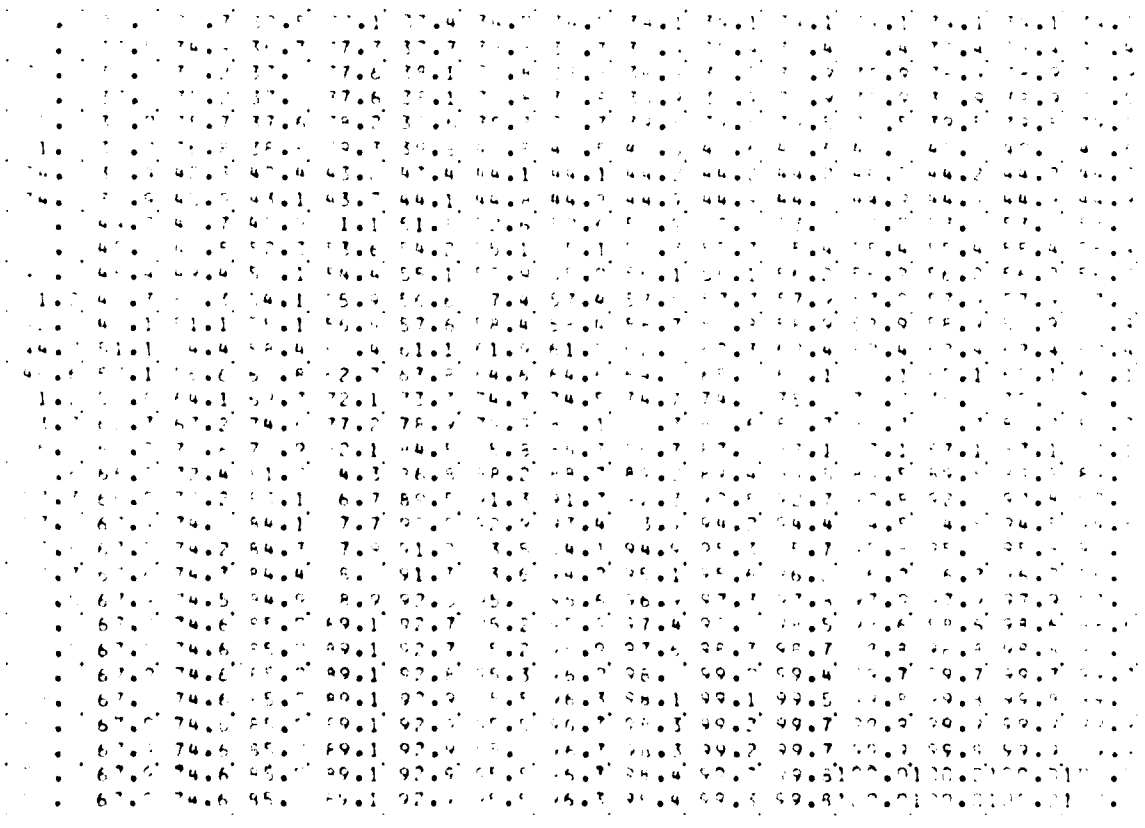
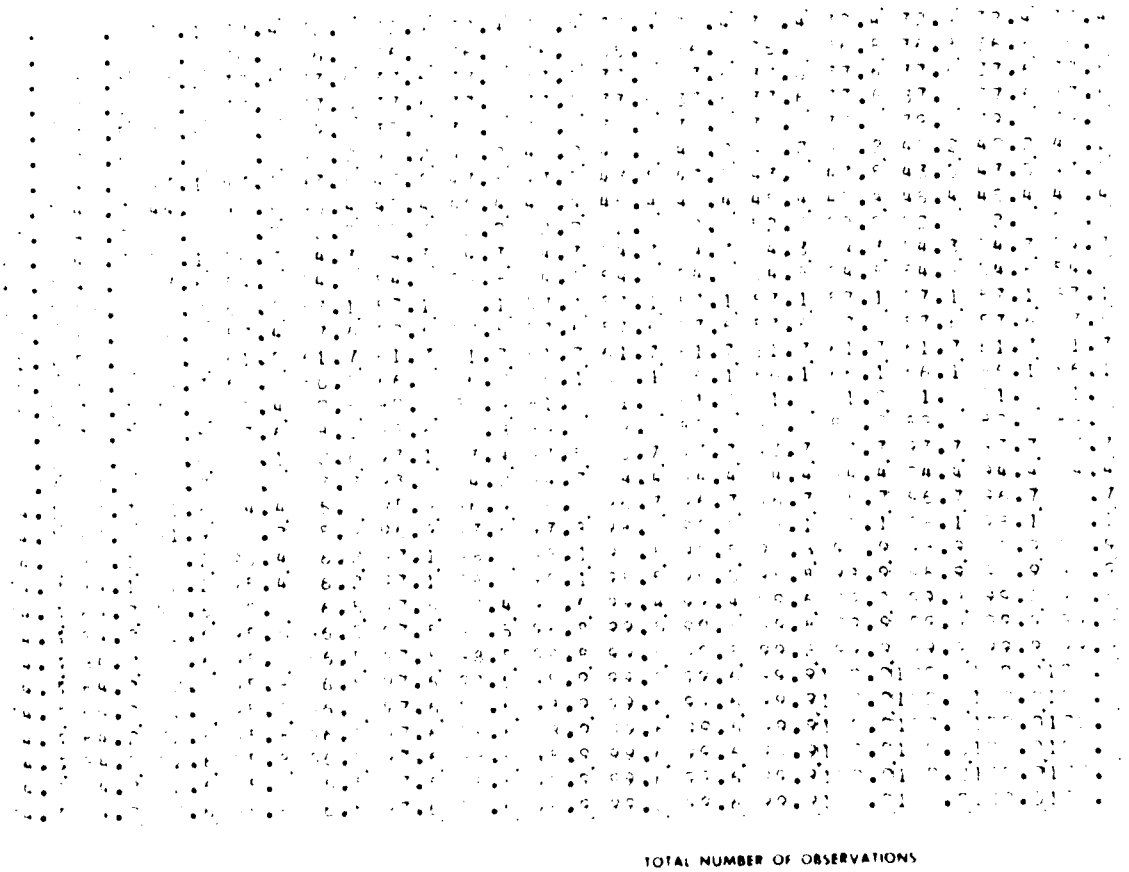


TOTAL NUMBER OF OBSERVATIONS

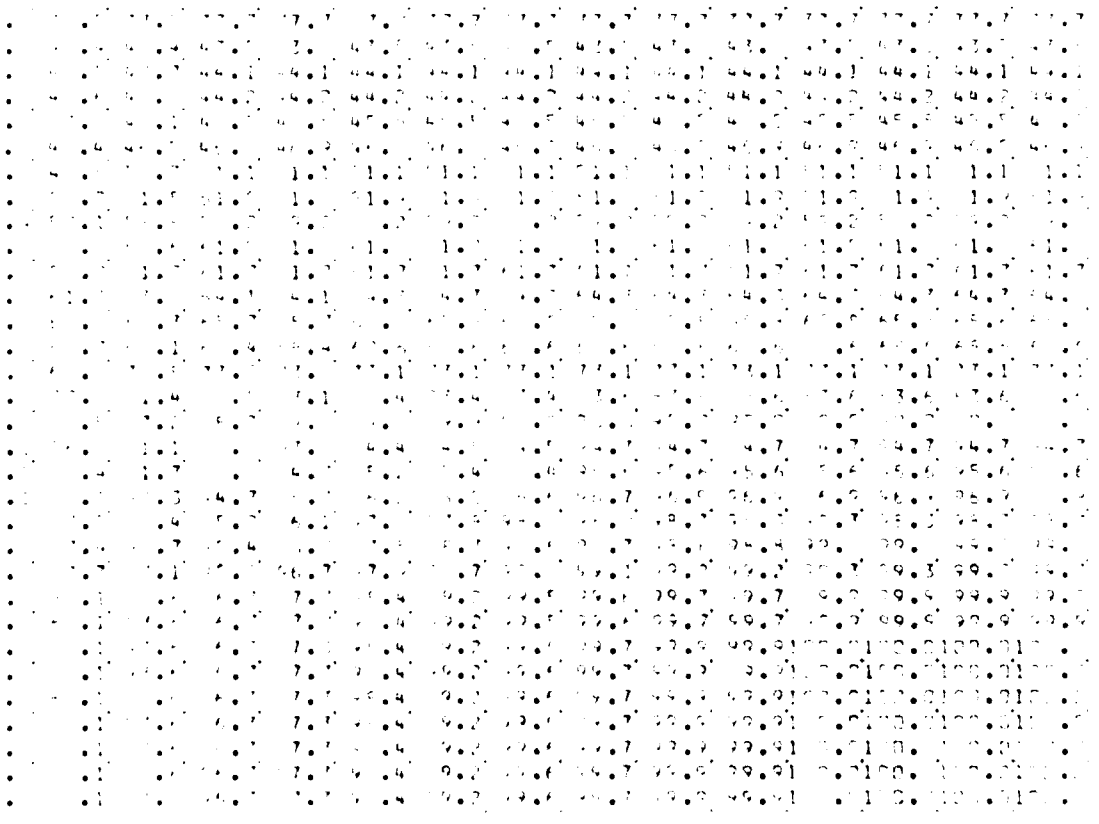
CEILING VERSUS VISIBILITY



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

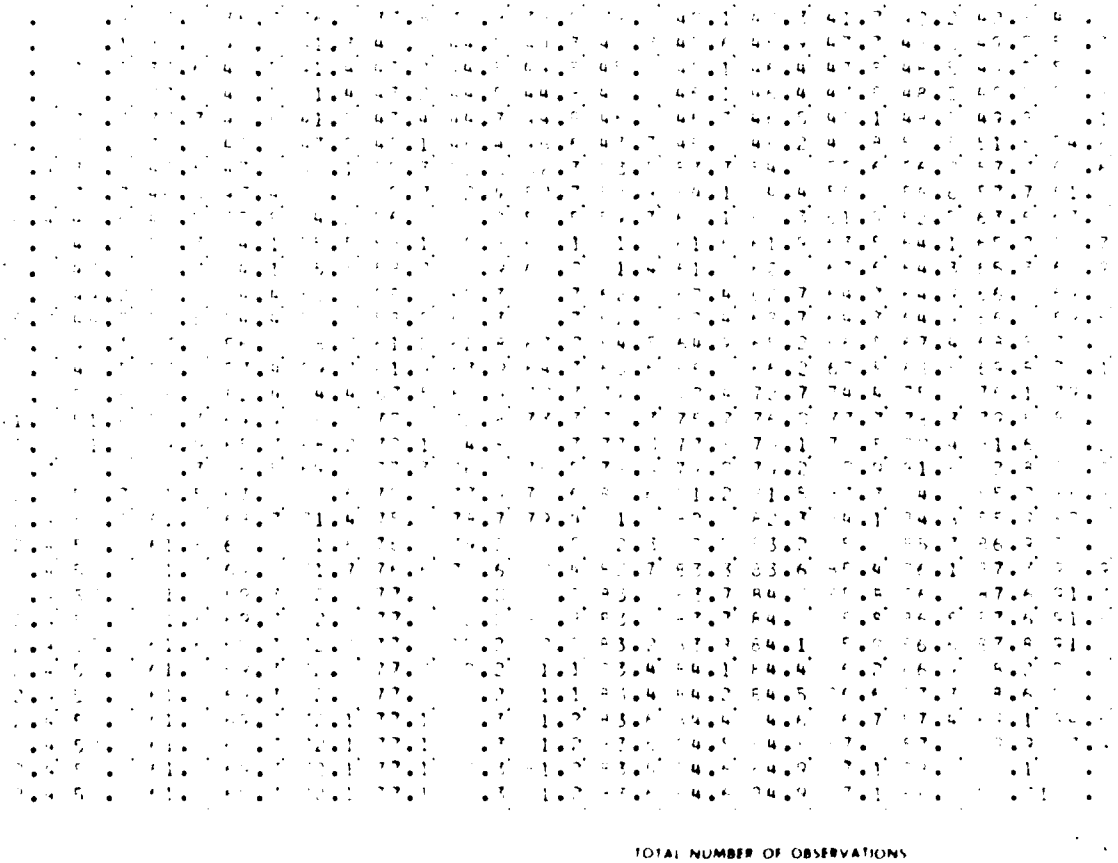
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

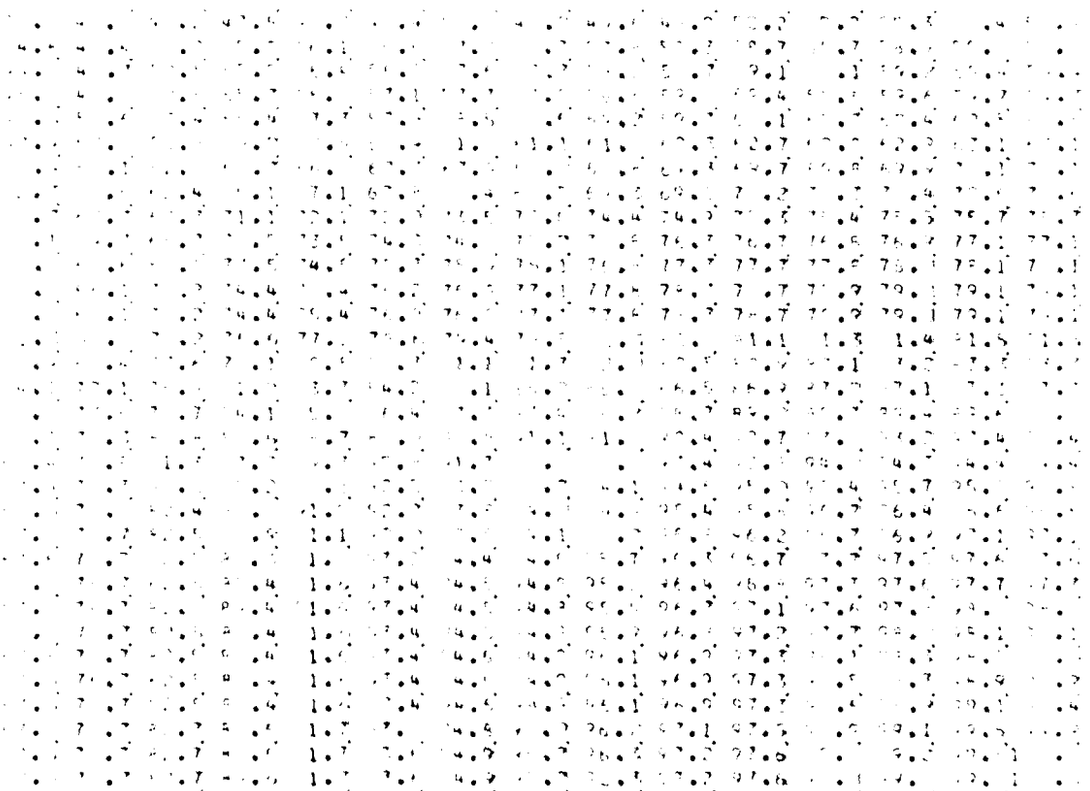
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

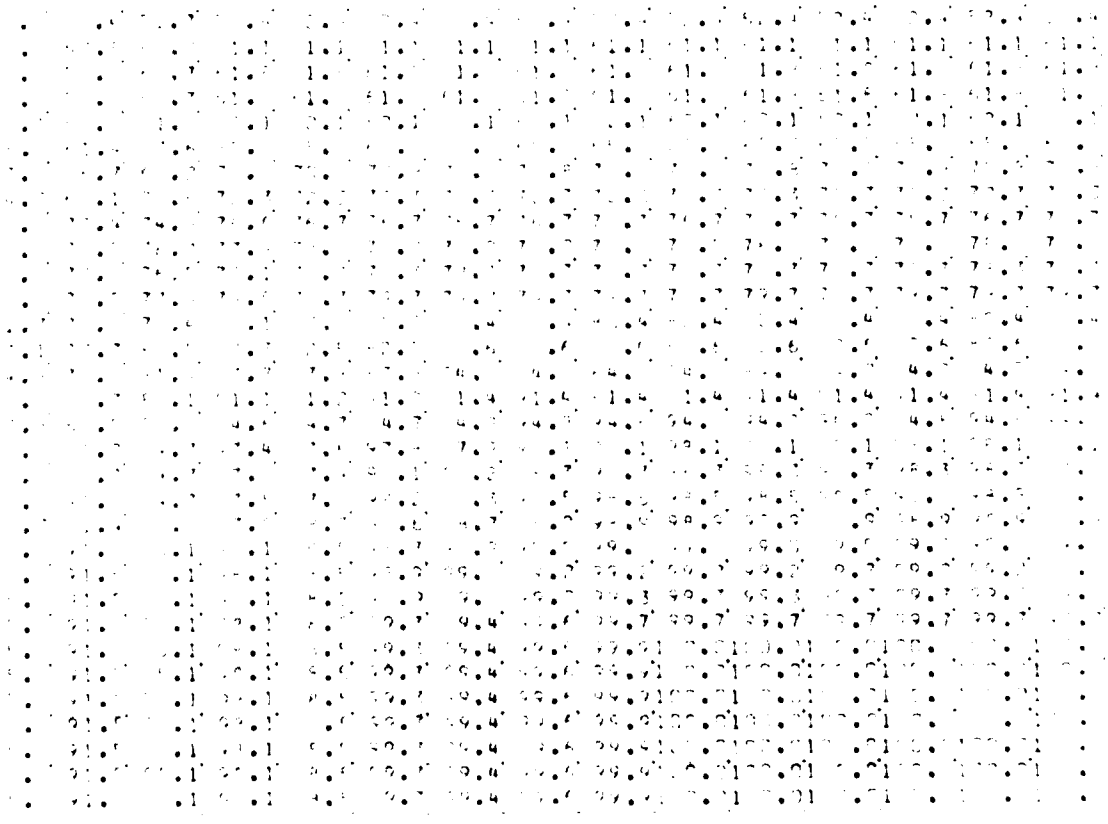
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

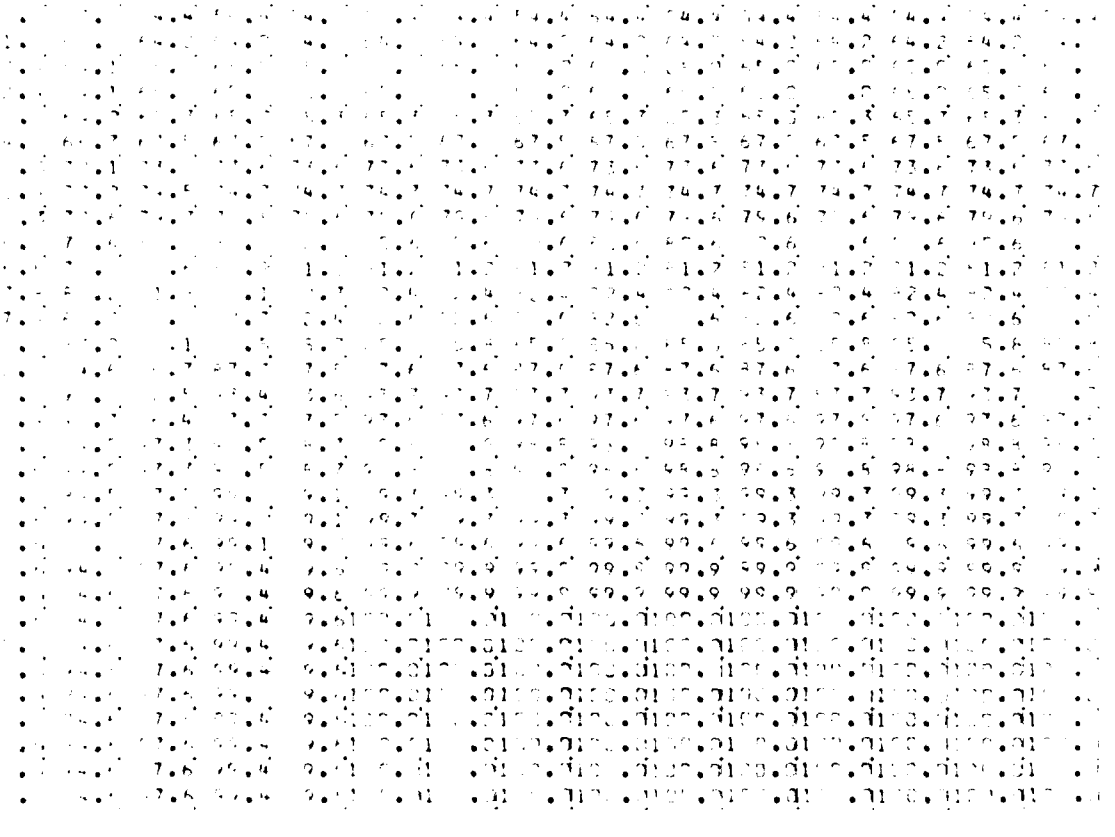
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

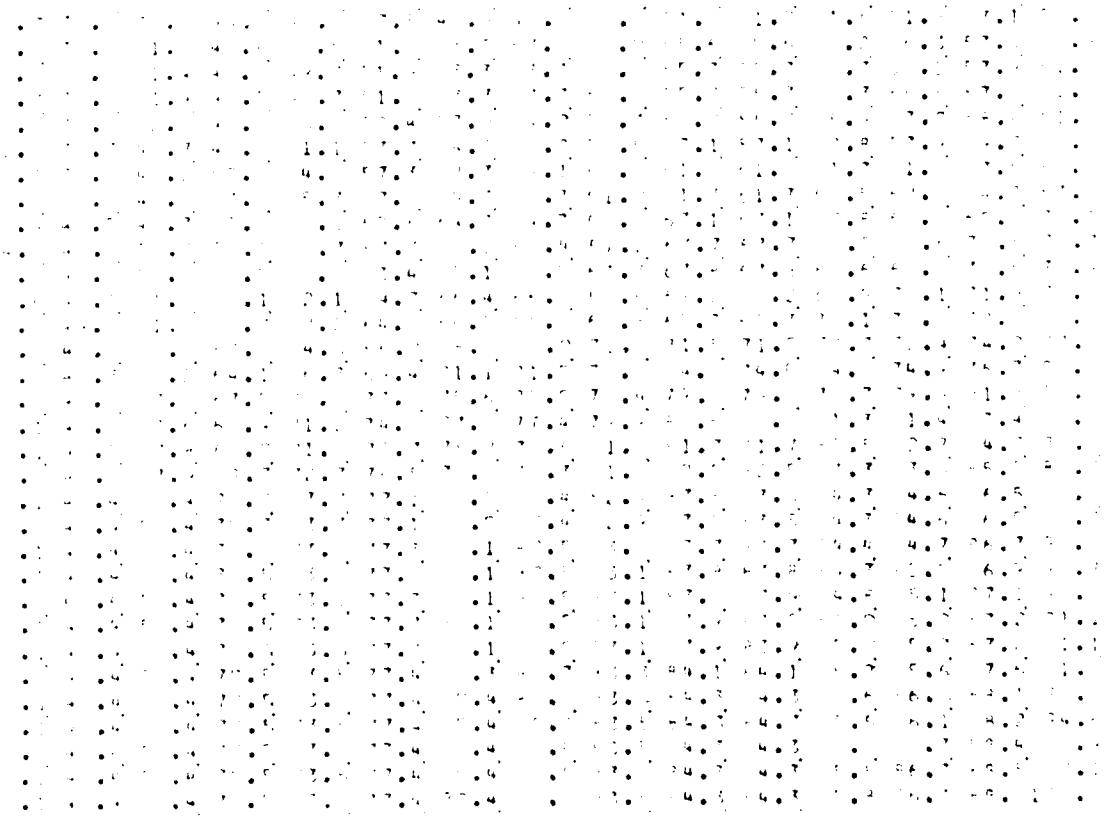
CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY



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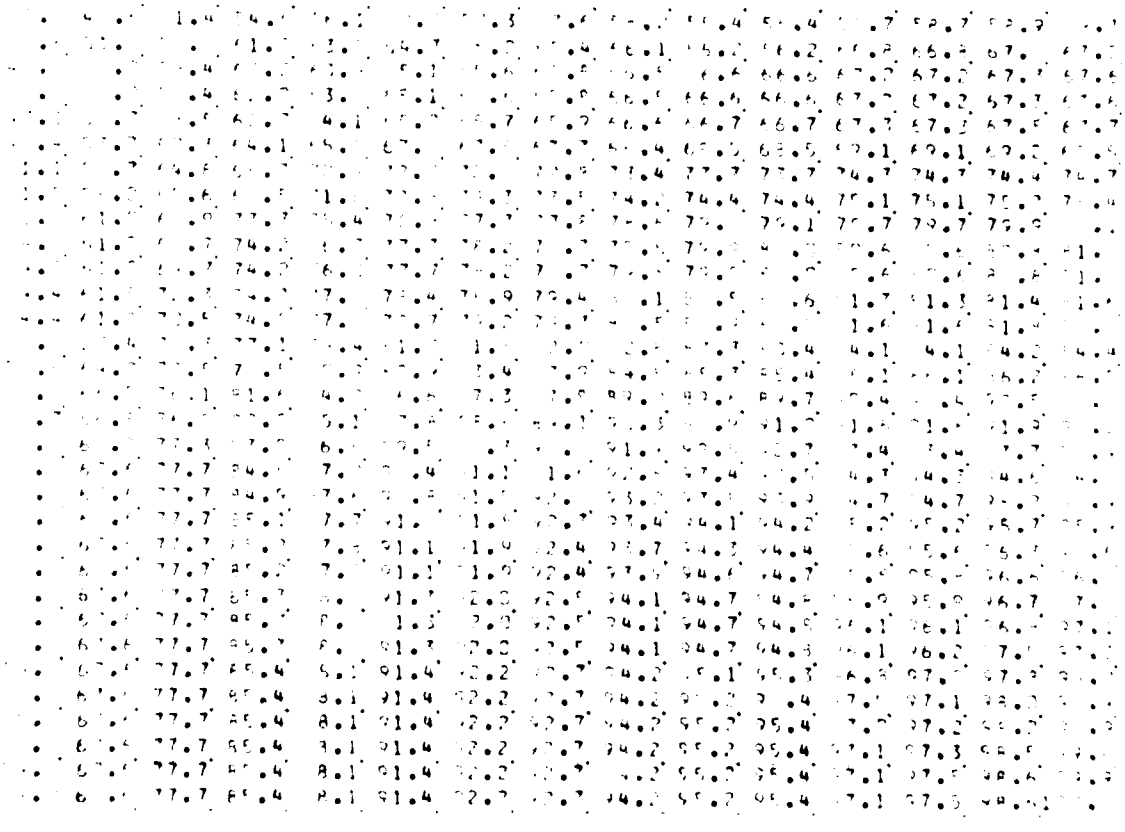
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



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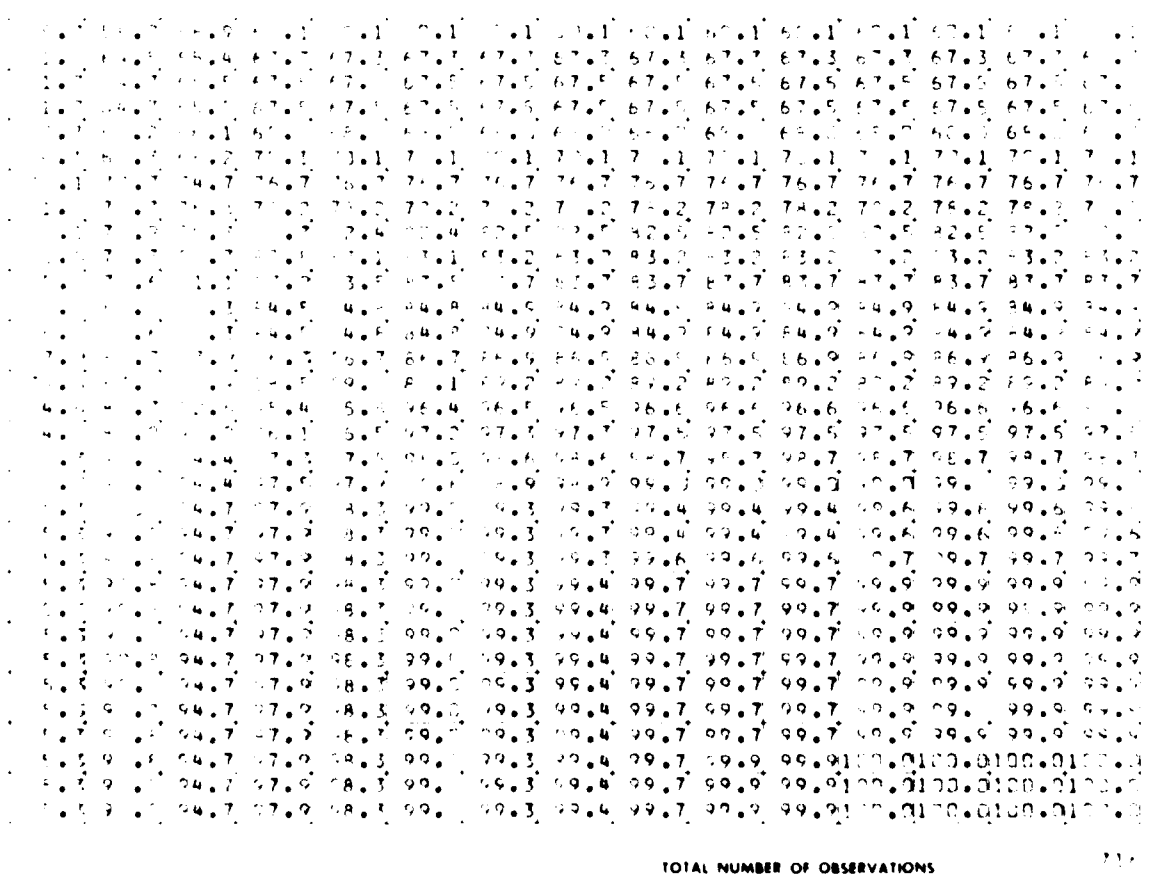
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



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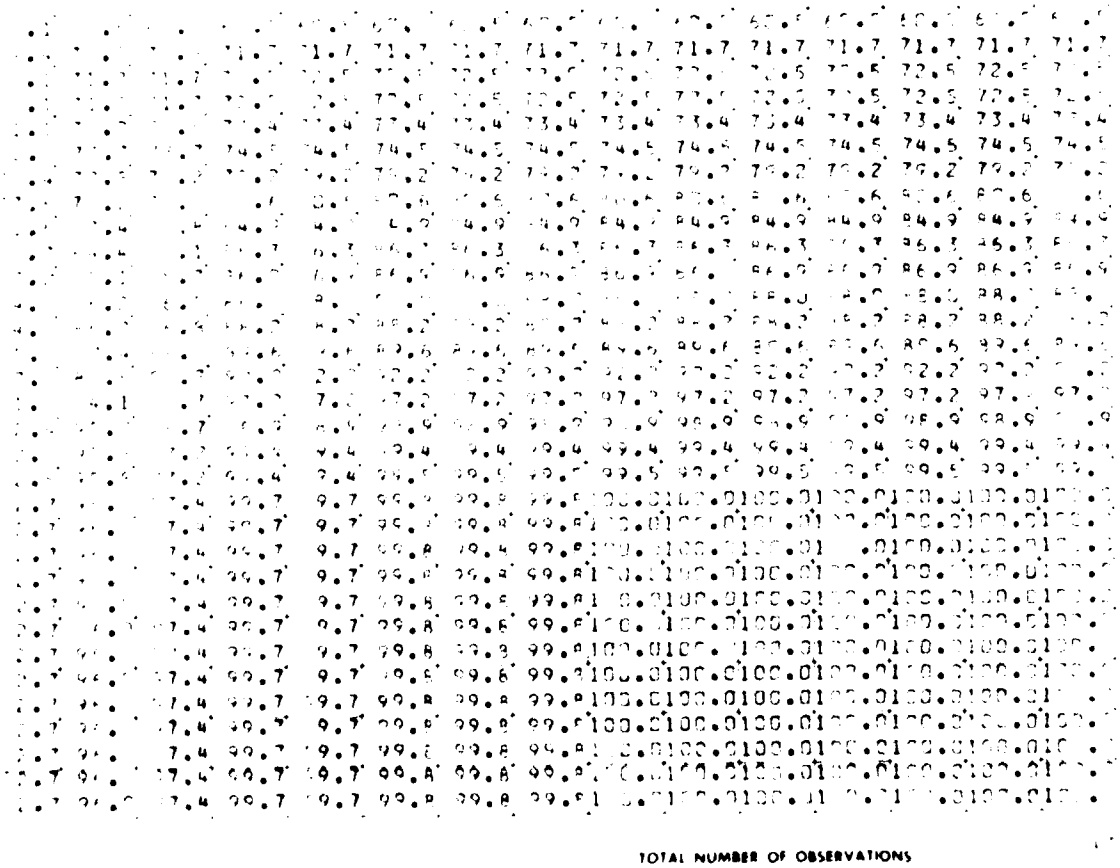
CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



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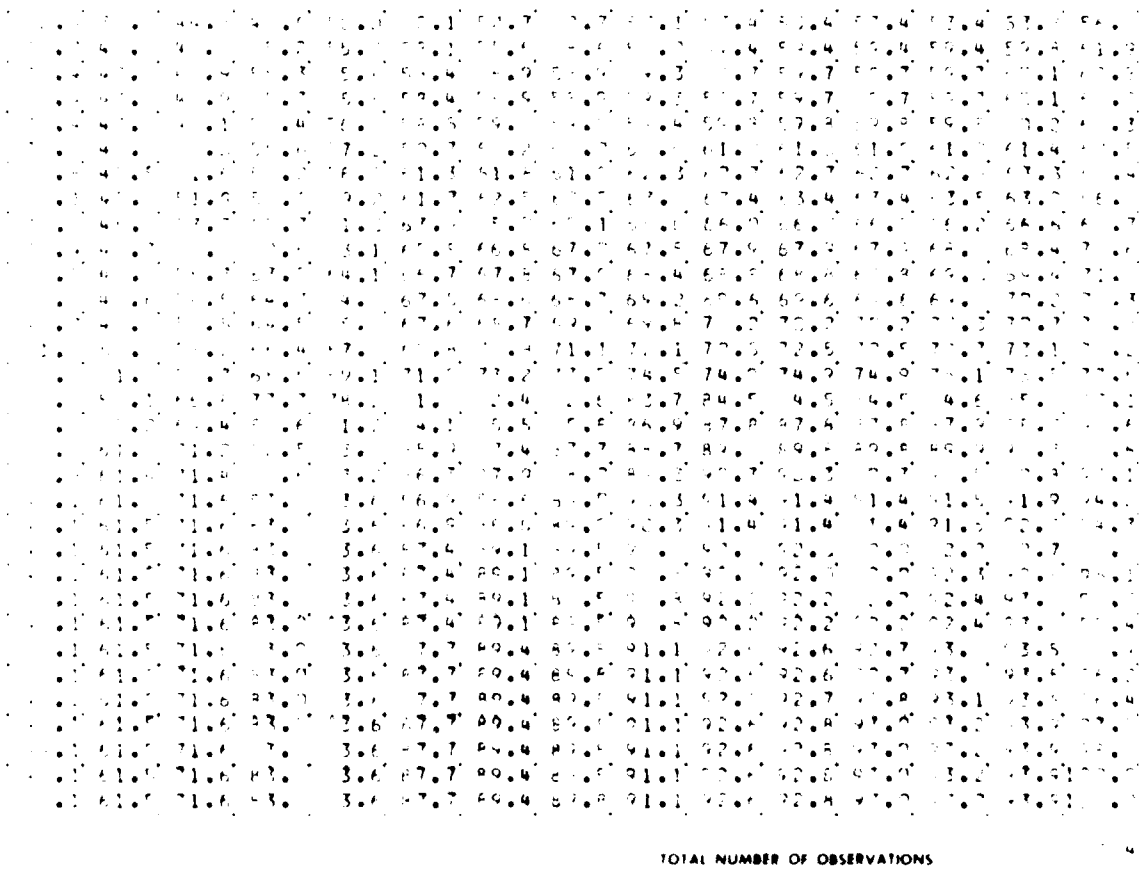
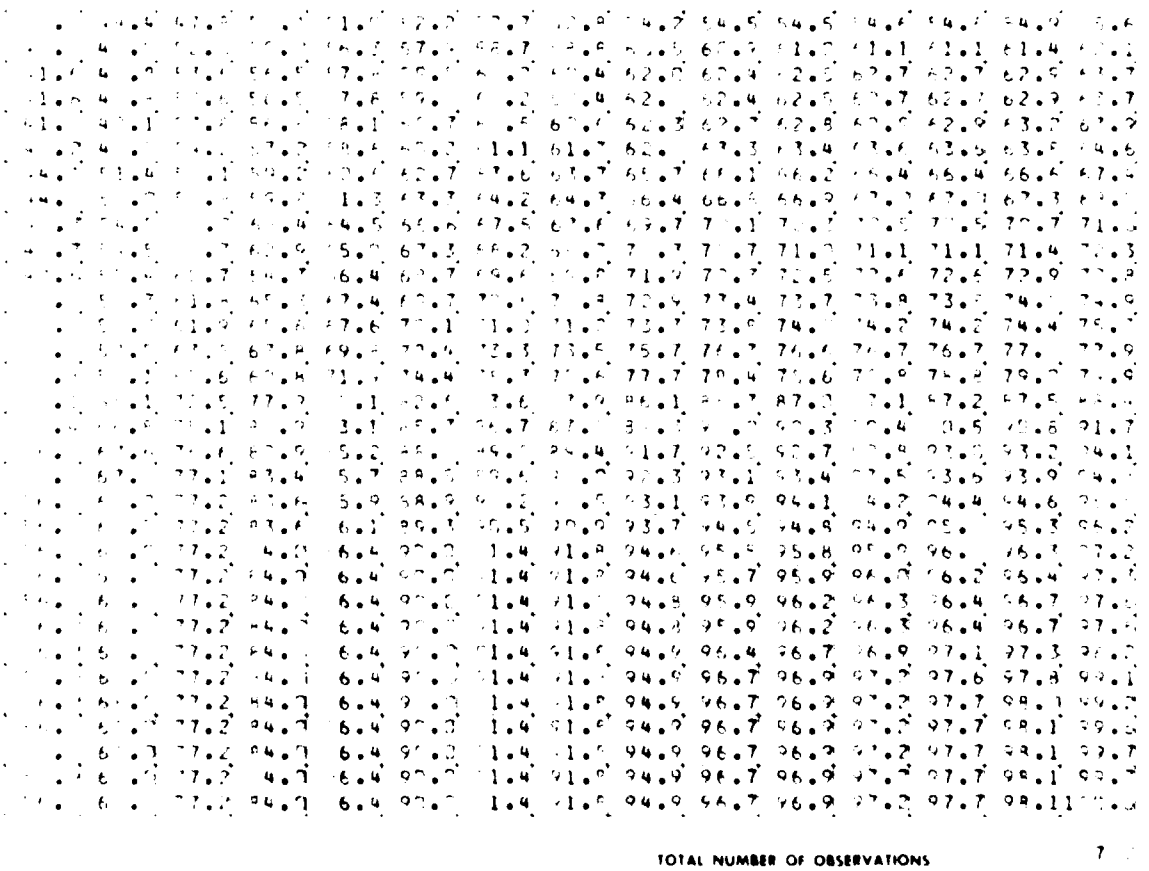
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

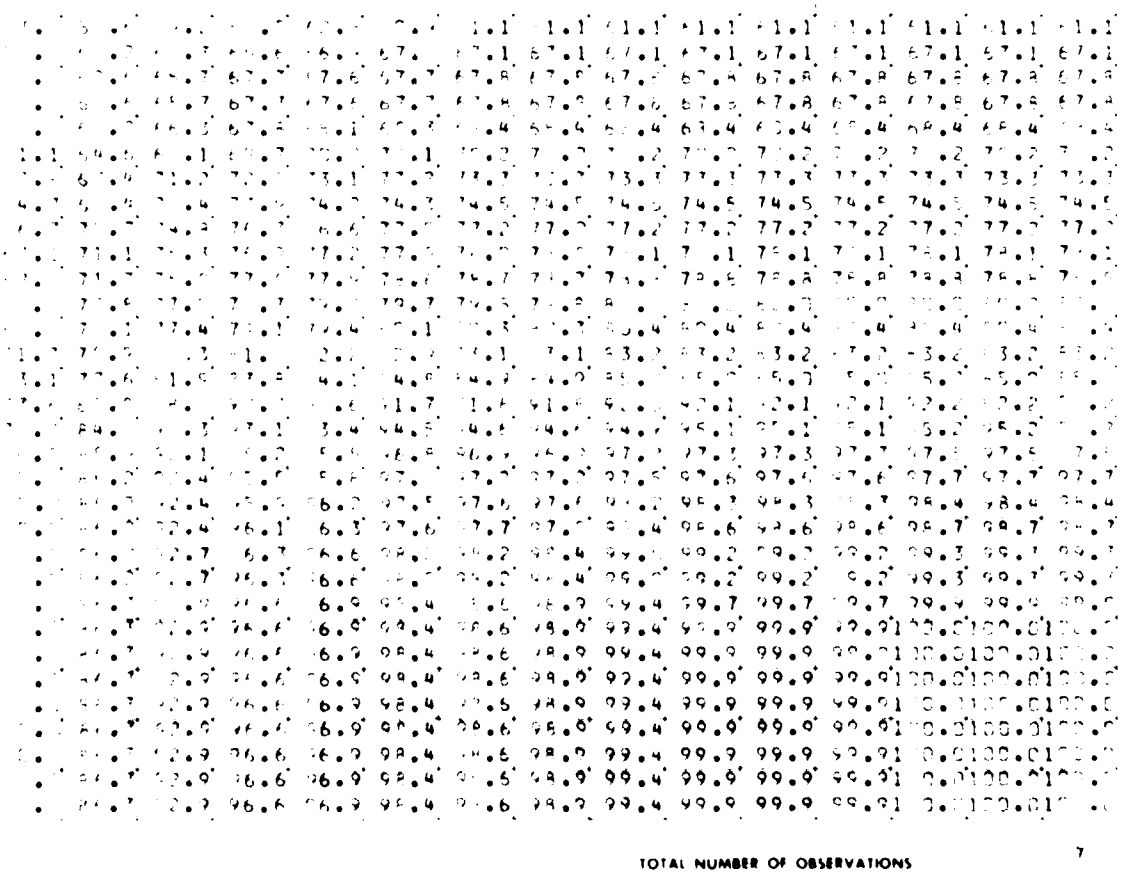
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

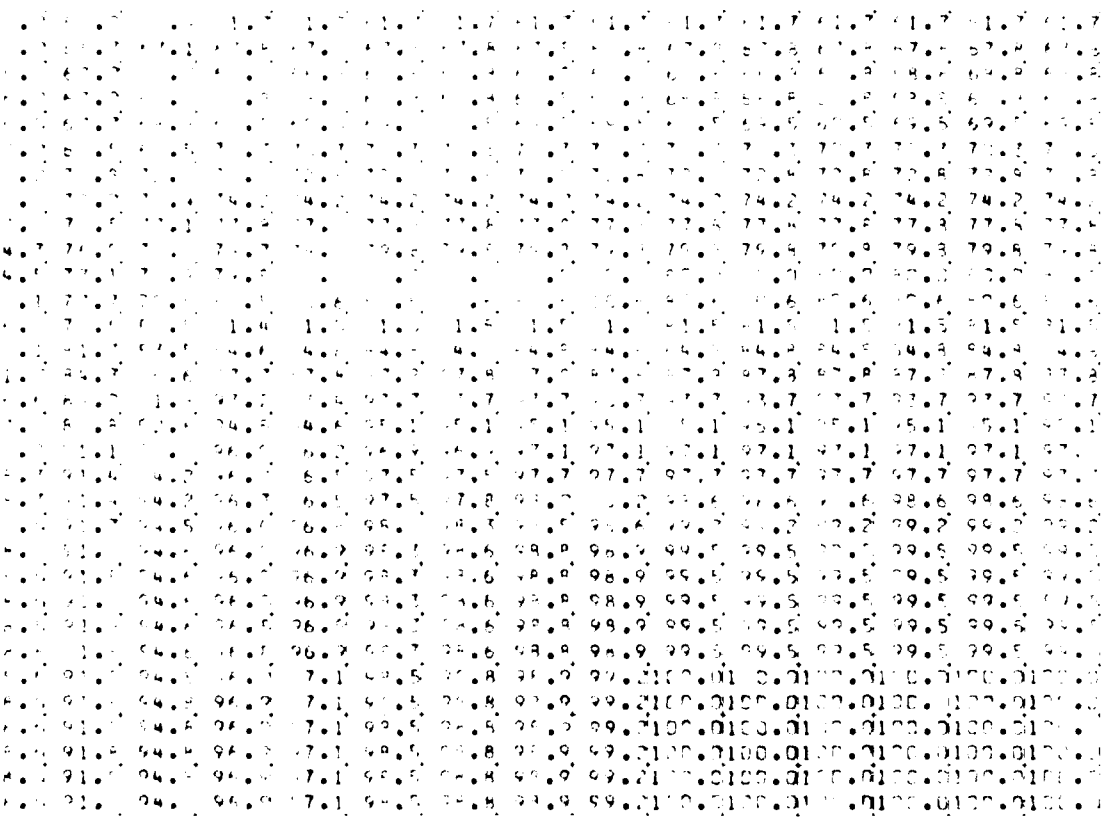
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

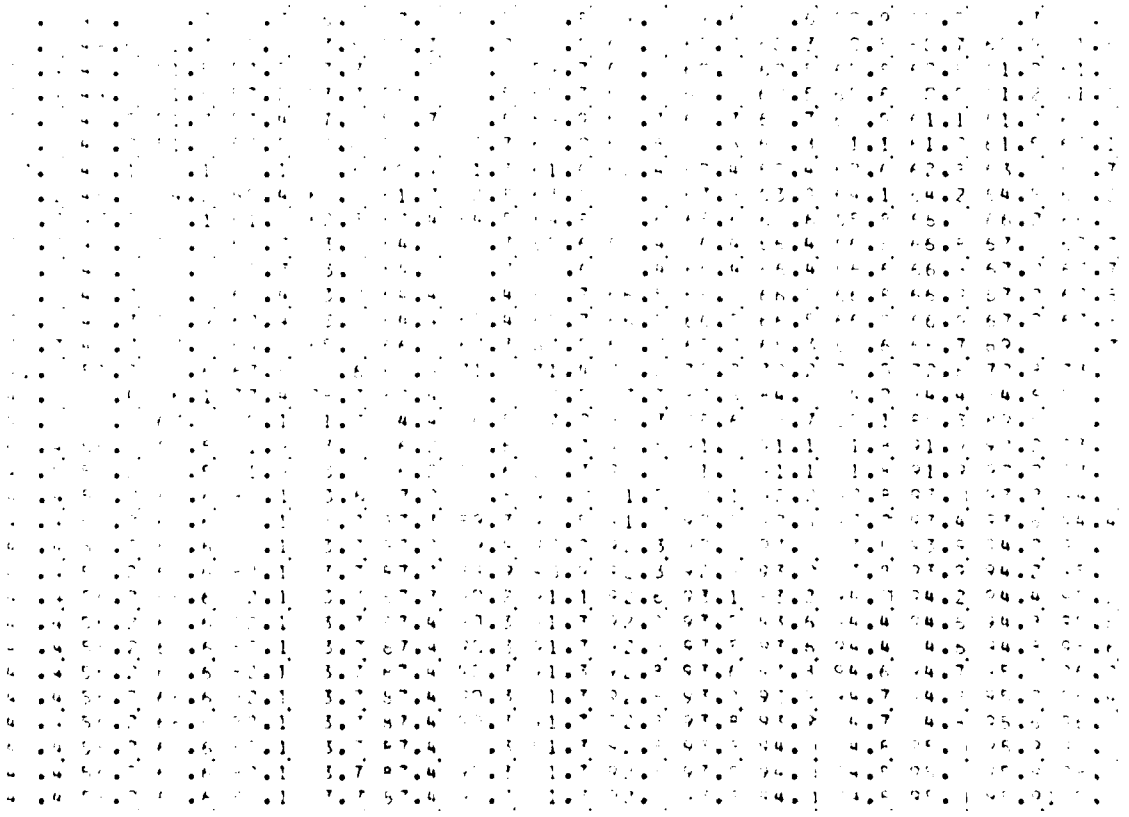
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

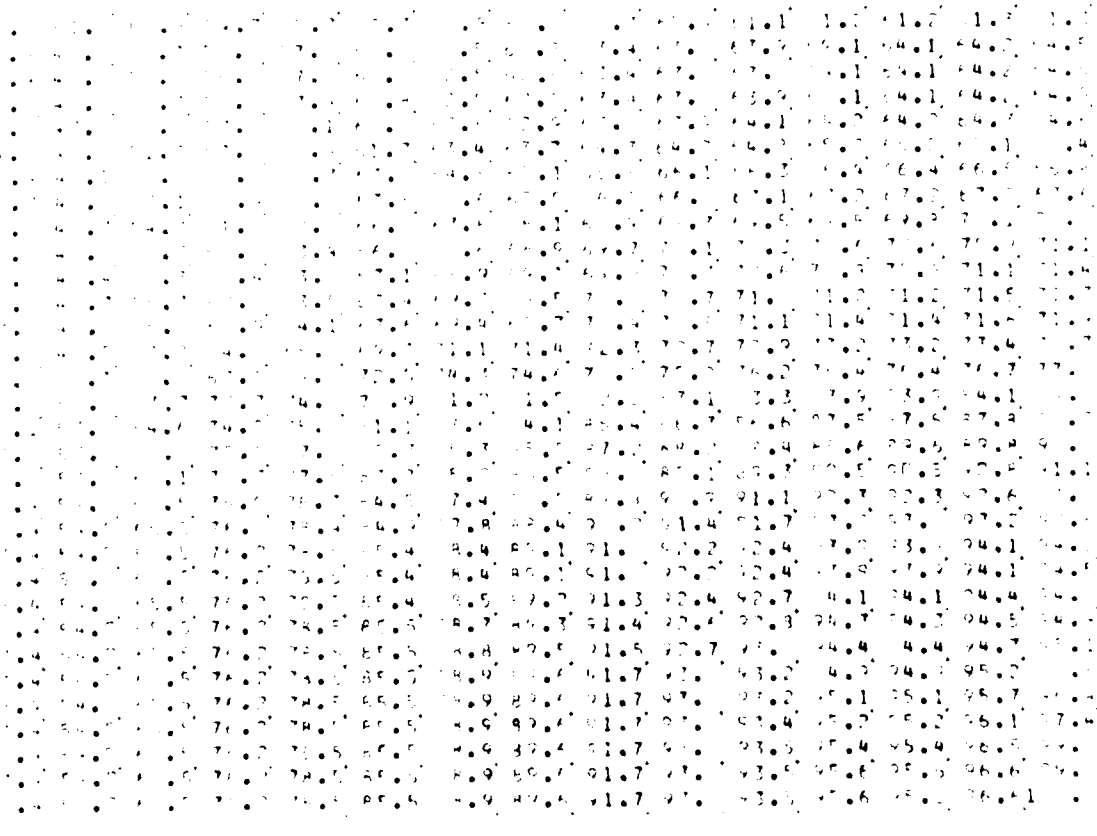
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

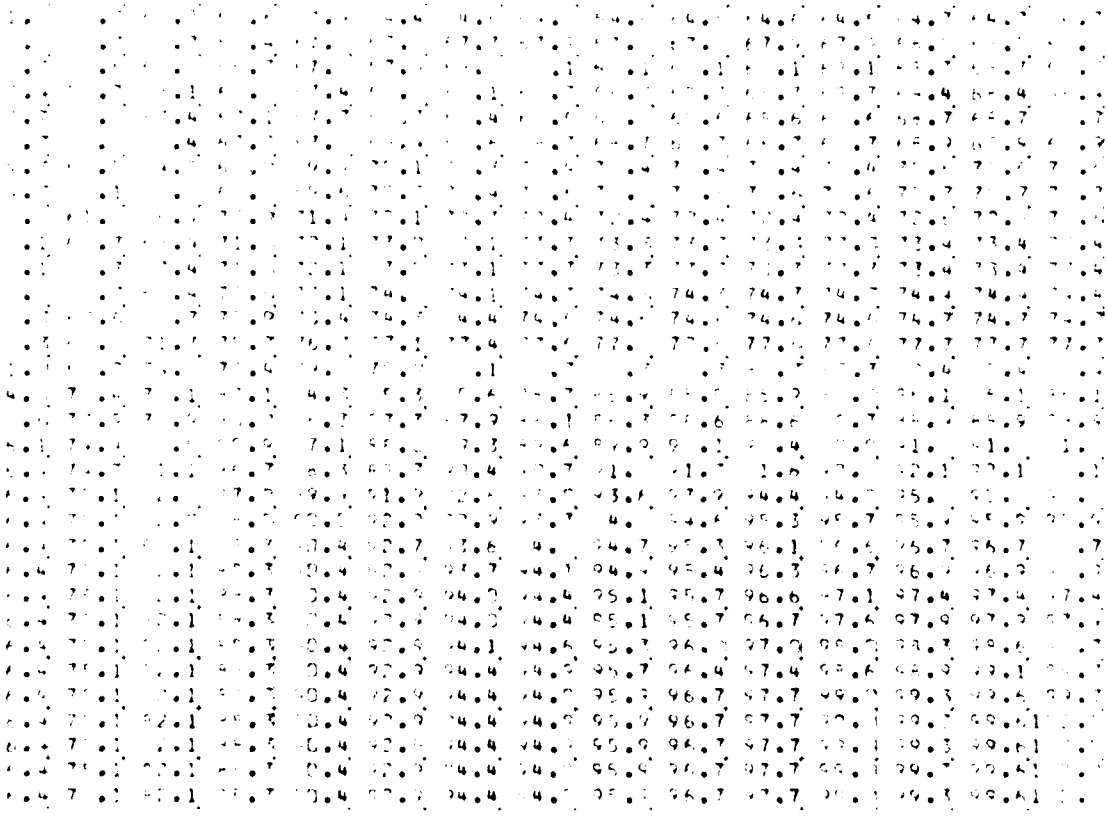
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

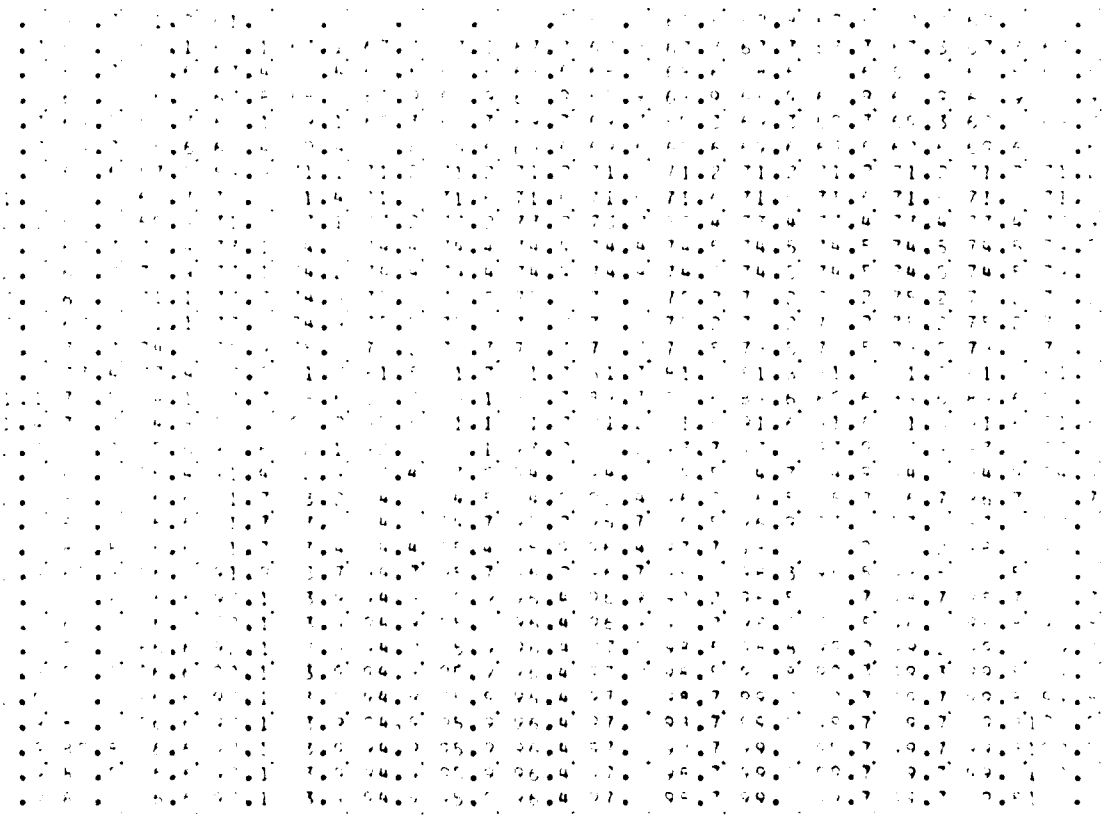
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PSYCHROMETRIC SUMMARIES

PART 4

In this section are presented various summaries of dry and wet-bulb temperatures, dewpoints, and relative humidity. The order and manner of repsentations follows:

1. Cumulative percentage frequency of occurrences derived from available hourly observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths, of temperature by 2-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

a. Daily High temperatures (for available observations)
b. Daily Low temperatures (for available observations)
c. Daily mean temperatures (high + low temperatures divided by two)

2. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and available 3-hour groups with all years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 2° classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations which contain both dry-bulb and wet-bulb temperatures; and dry-bulb, wet-bulb, and dewpoint temperatures separately. Total observations for these four items are also provided in two lines at the end of each table.

NOTE: A percentage frequency in this table of ". " represents one or more occurrences amounting to less than .5 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dewpoint temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (Σx^2), sums of values (Σx), means ($\bar{x}$), and standard deviations (σx). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dewpoint temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

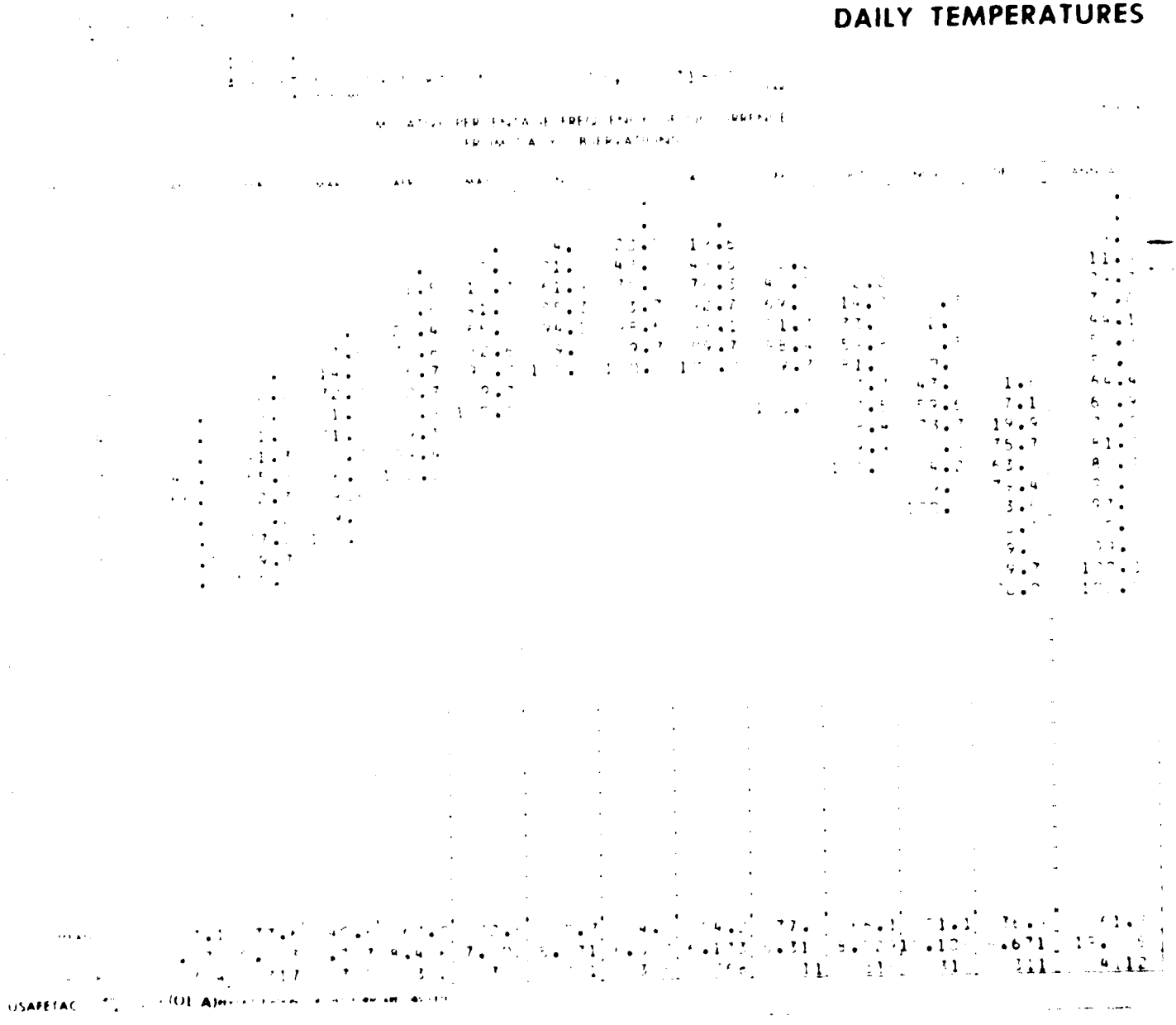
Continued on Reverse

4

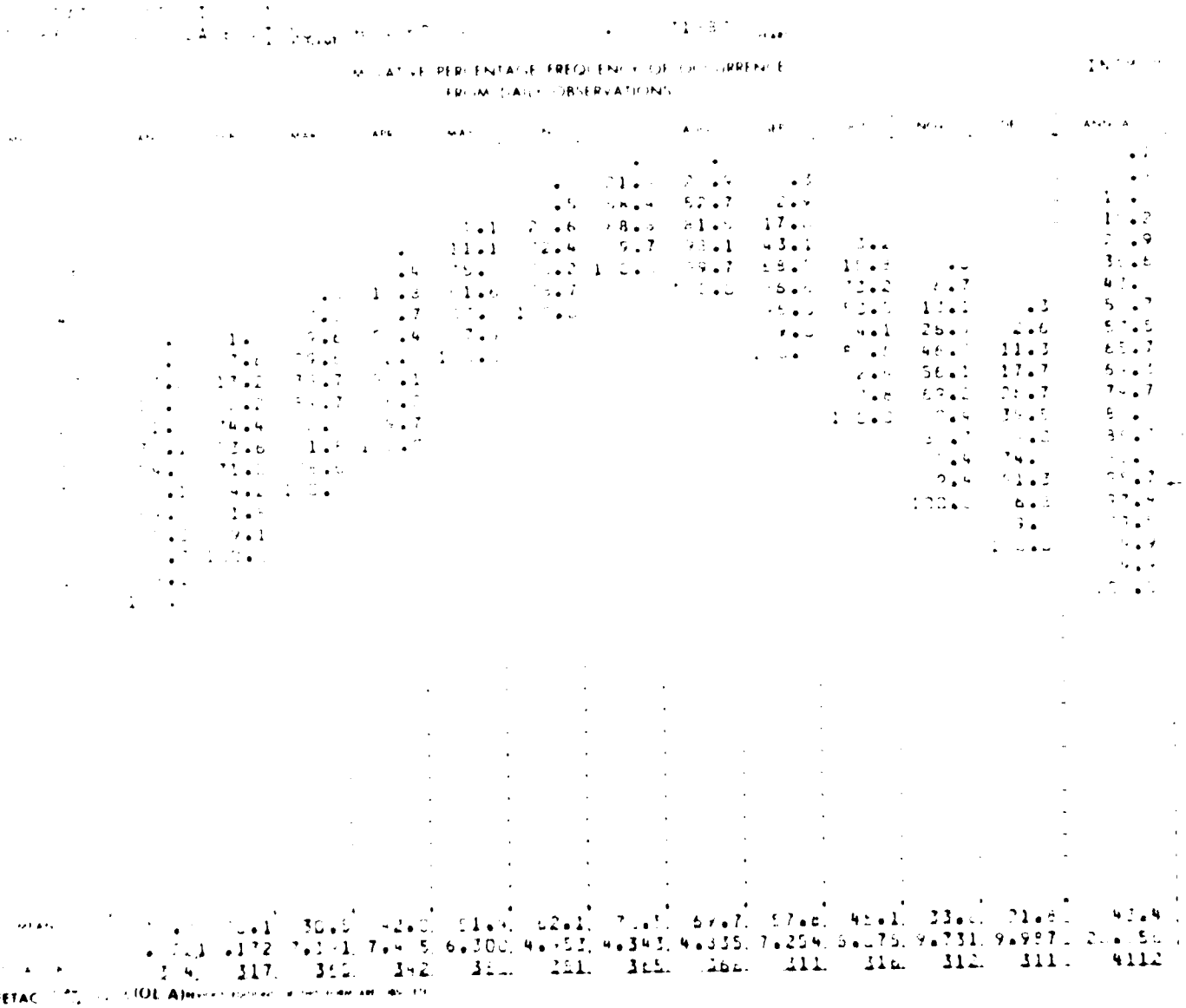
3. Means and standard deviations--These tabulations are derived from available hourly observations and present the mean, standard deviation, and total number of observations for the 3-hour groups, by month and annual and diurnal for the latter for all hours combined. Summaries for all years combined are presented in the following three tables: DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, AND DEWPOINT TEMPERATURE.

4. Cumulative percentage frequency of occurrence of relative humidity--This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10 per cent classes, plus the mean relative humidity and total number of observations presented by month and available 3-hour groups.

DAILY TEMPERATURES

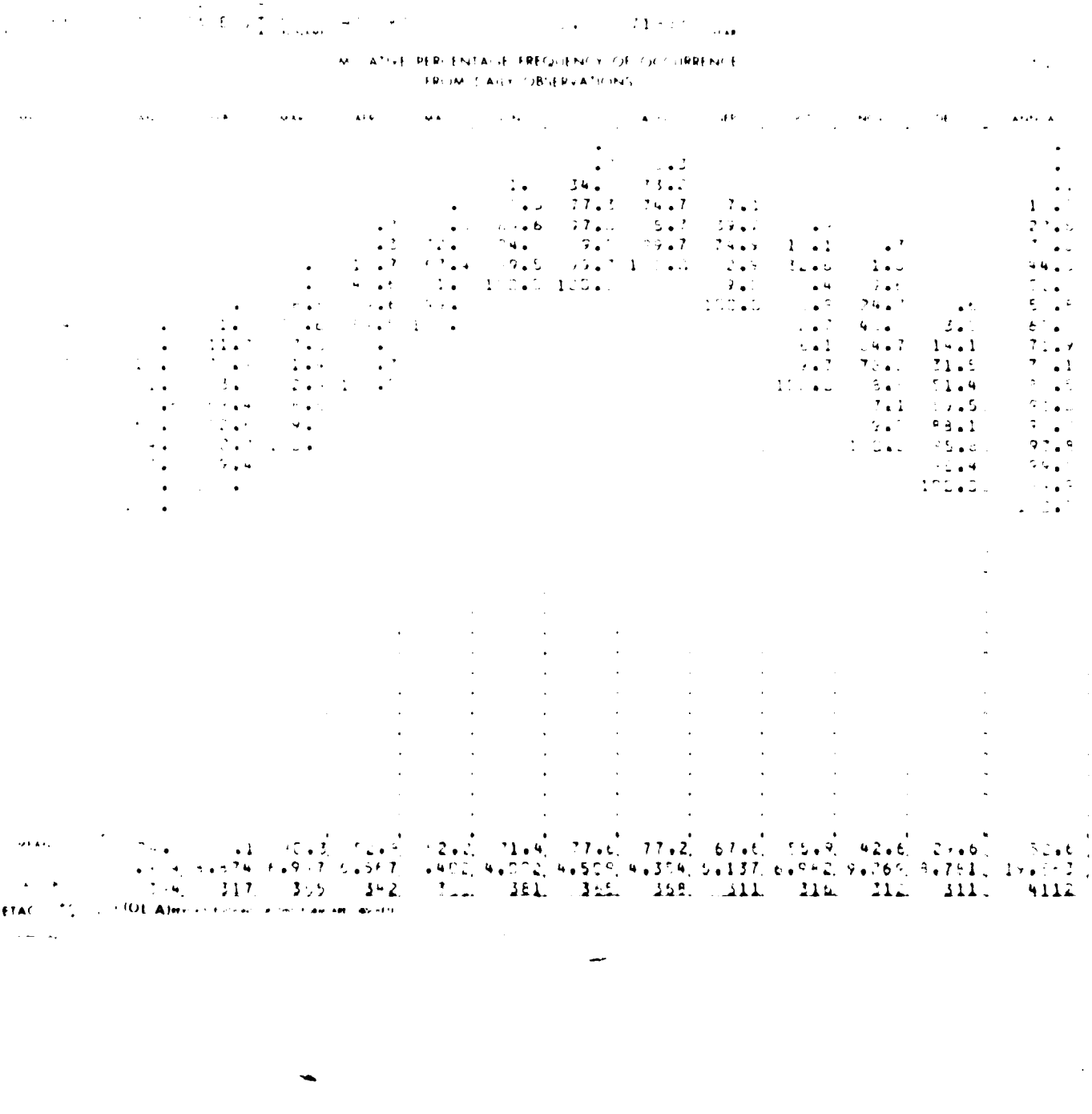


DAILY TEMPERATURES



USAFETAC

DAILY TEMPERATURES



PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0 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	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
			1	1	

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp °F	WET BULB TEMPERATURE DEPRESSION (F)																										TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	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				

Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤ 0 °F	≤ 32 °F	≥ 67 °F	≥ 73 °F	≥ 80 °F	≥ 93 °F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC Form 0-26-5 (OL-A)

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS

Temp °F	WET BULB TEMPERATURE DEPRESSION (°F)																															TOTAL D.B.	TOTAL W.B.
	0	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	Dry Bulb	Wet Bulb Dew Point

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS

Temp °F	WET BULB TEMPERATURE DEPRESSION (F.) 0	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	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

Element	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature + 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A)

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0 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	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-1	/ -1				

Element (F)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0 26 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0 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	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

Element X	$\Sigma X_i'$	ΣX_i	$\bar{X}$	σ_x	No Obs	Mean No of Hours with Temperature + 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC Form 0-26-5 (OL-A)

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS

Temp °F	WET BULB TEMPERATURE DEPRESSION (°F) 0 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	TOTAL D.B.-W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

Element	$\Sigma x'$	Σx	$\bar{x}$	σ_n	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 °F	≤ 32 °F	≤ 67 °F	≤ 73 °F	≤ 80 °F	≤ 93 °F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp °F	WET BULB TEMPERATURE DEPRESSION (°F) 0 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	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature: ≤ 0 °F	≤ 32 °F	≥ 67 °F	≥ 73 °F	≥ 80 °F	≥ 93 °F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0 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	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

Element X	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						↑ 0 F	↑ 32 F	↑ 67 F	↑ 73 F	↑ 80 F	↑ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	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				

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp °F	WET BULB TEMPERATURE DEPRESSION (°F) 0 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	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

Element x	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						+0°F	+32°F	+67°F	+73°F	+80°F	+93°F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp °F	WET BULB TEMPERATURE DEPRESSION (°F)																											TOTAL D.B.	TOTAL W.B.
	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	Dry Bulb	Wet Bulb

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp °F	WET BULB TEMPERATURE DEPRESSION (F) 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 21 22 23 24 25 26 27 28 29 30 31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point

Element	Σ_x	Σ_{x^2}	$\bar{x}$	σ_x	No Obs	Mean No of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS

Temp °F	WET BULB TEMPERATURE DEPRESSION °F																											TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	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					

Element	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature					
						≤ 0 °F	≤ 32 °F	≥ 67 °F	≥ 73 °F	≥ 80 °F	≥ 93 °F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS | S | T

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	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	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

Element X	$Z_{\bar{X}'}$	$Z_{\bar{X}}$	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0 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	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point

Element X	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature					Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel Hum												
Dry Bulb												
Wet Bulb							44.					
Dew Point						5.	73.					

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	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	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																																				

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS

Temp °F	WET BULB TEMPERATURE DEPRESSION (°F) 0 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	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

Element	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature + 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	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				

Element X	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature					
						+0 F	+32 F	+67 F	+73 F	+80 F	+93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS

Temp °F	WET BULB TEMPERATURE DEPRESSION (°F) 0 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	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

Element x	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤ 0 °F	≤ 32 °F	≥ 67 °F	≥ 73 °F	≥ 80 °F	≥ 93 °F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0 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	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

Element #	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]				
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		13.[illegible]					
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.[illegible]	[illegible]					

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	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	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point

Element X	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp °F	WET BULB TEMPERATURE DEPRESSION (°F)																													TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
	0	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					

Element x	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						- 0 F	- 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0 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	TOTAL D.B.-W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

Element	Σ_R	Σ_R^2	$\bar{R}$	σ_R	No. Obs	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS

Temp °F	WET BULB TEMPERATURE DEPRESSION (°F) 0 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	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

Element	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No Obs	Mean No of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																													TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	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				

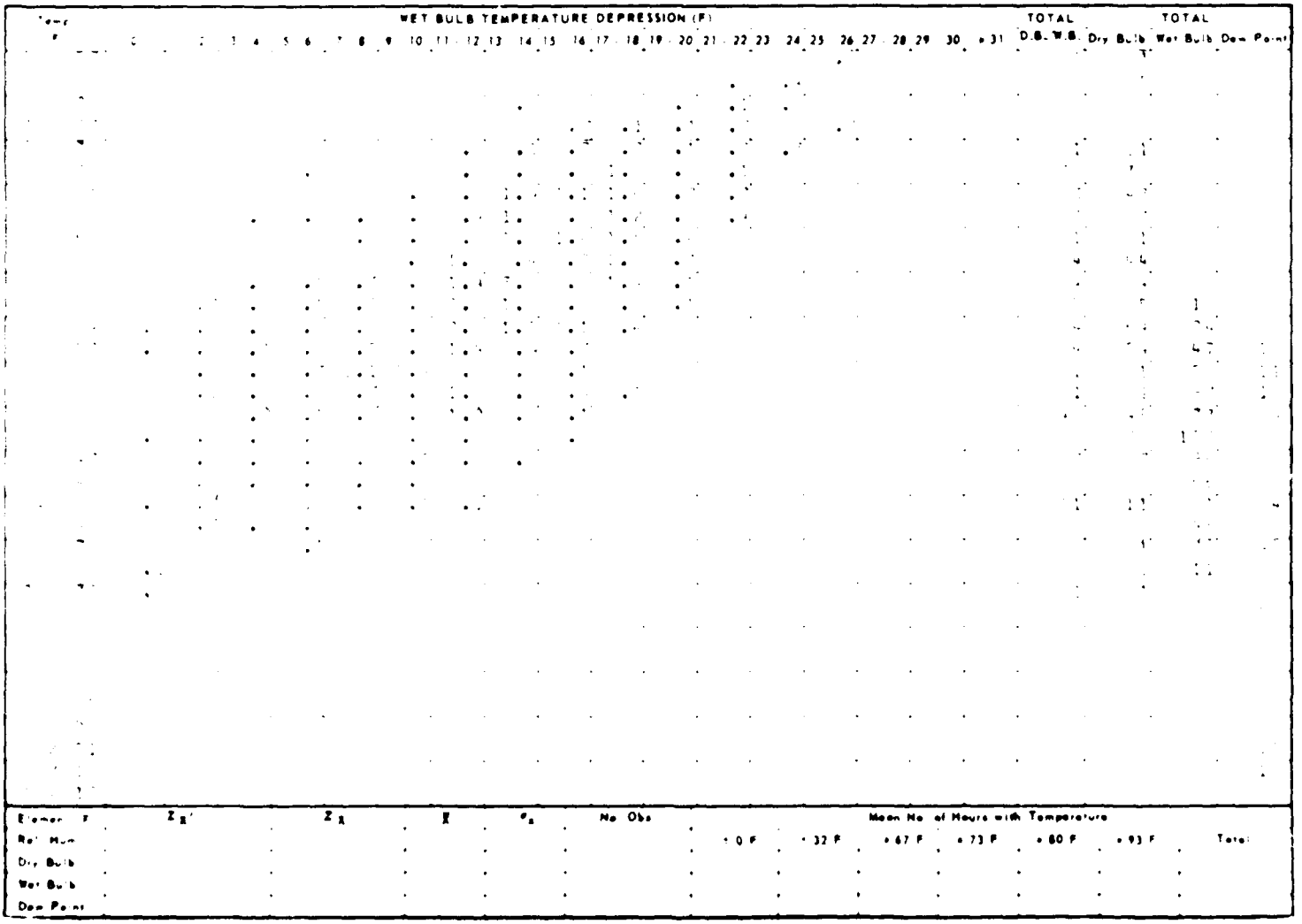
Element x	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS



Element F	$\Sigma_{R'}$	Σ_R	$\bar{R}$	σ_R	No Obs	Mean No of Hours with Temperature						
Rel Hum						+ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS

Temp °F	WET BULB TEMPERATURE DEPRESSION (F°)																													TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	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				

Element	Σx	Σx^2	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						+0 F	+32 F	+67 F	+73 F	+80 F	+93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (G.M.T.)

Temp °F	WET BULB TEMPERATURE DEPRESSION (°F) 0	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	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

Element x	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						< 0 °F	< 32 °F	< 67 °F	< 73 °F	< 80 °F	< 93 °F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp. °F	WET BULB TEMPERATURE DEPRESSION (°F) 0 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	TOTAL D.B.	TOTAL W.B.
		Dry Bulb	Wet Bulb
		Wet Bulb	Dew Point
		Dew Point	

Element	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature					
						≤ 0°F	≤ 32°F	≥ 67°F	≥ 73°F	≥ 80°F	≥ 93°F
Dry Bulb											
Wet Bulb											
Dew Point											

Total

PSYCHROMETRIC SUMMARY

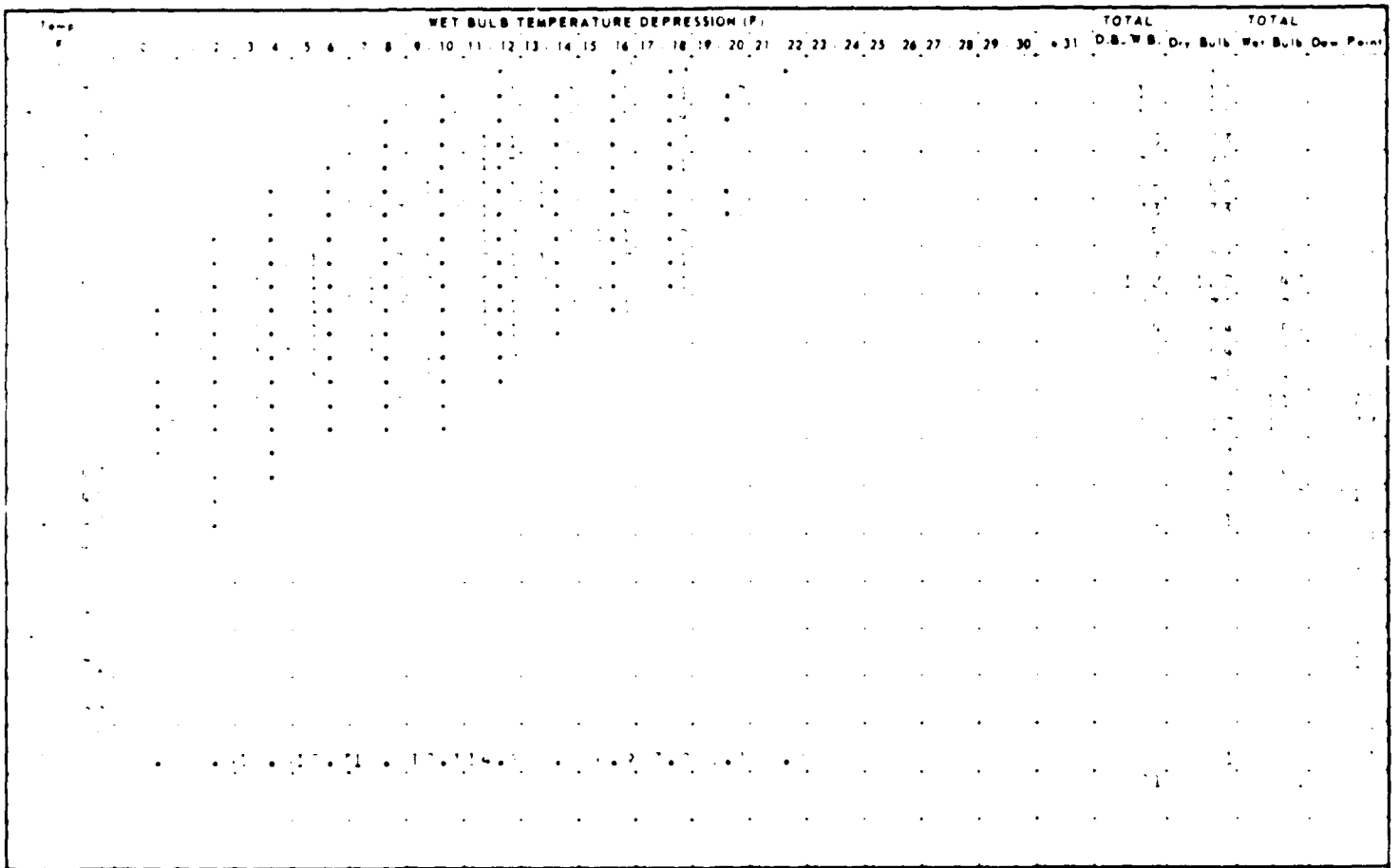
STATION | STATION NAME | YEARS | MONTH

HOURS

Temp F	C	WET BULB TEMPERATURE DEPRESSION (F) 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	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
				1		
				1		
			1	1	1	
				1		
				1		
				1

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS



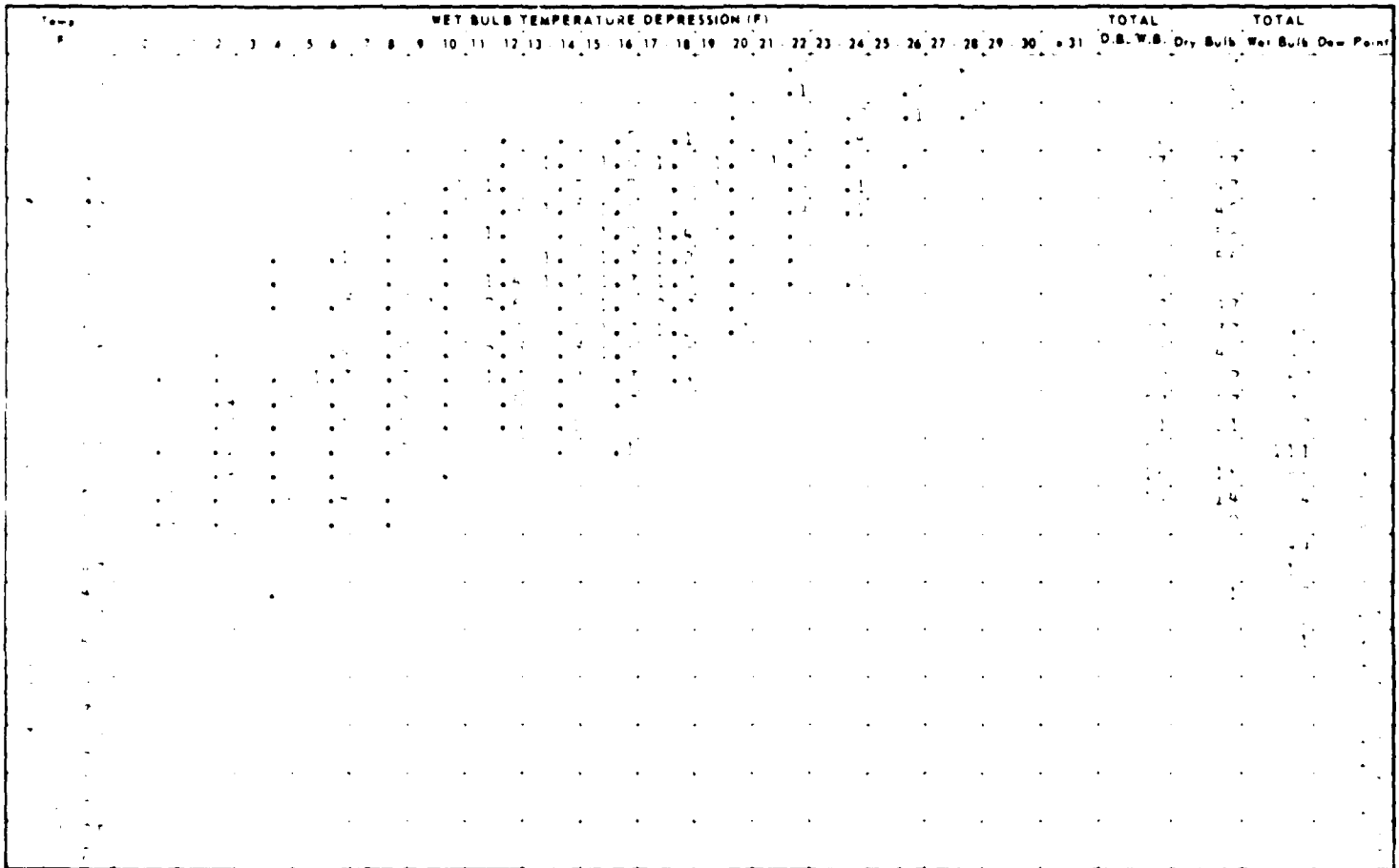
Element X	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS



Element x	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Wet Bulb												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp °F	WET BULB TEMPERATURE DEPRESSION (°F)																											TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	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				

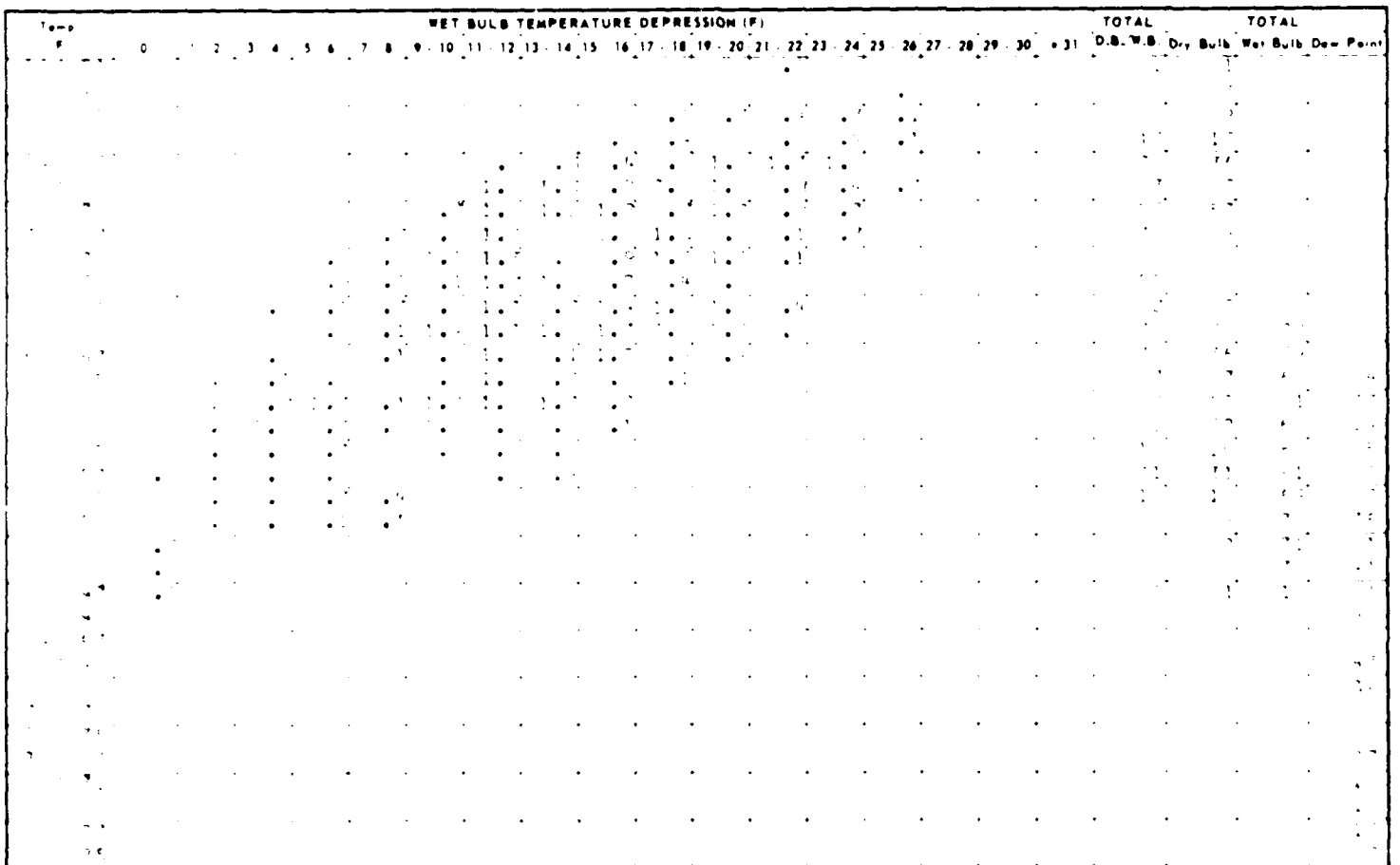
Element X	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤ 0 °F	≤ 32 °F	≤ 67 °F	≤ 73 °F	≤ 80 °F	≤ 93 °F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS



Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A)

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp °F	WET BULB TEMPERATURE DEPRESSION (F)																													TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	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				

Element x	Σ_x	Σ_{x^2}	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	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	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS

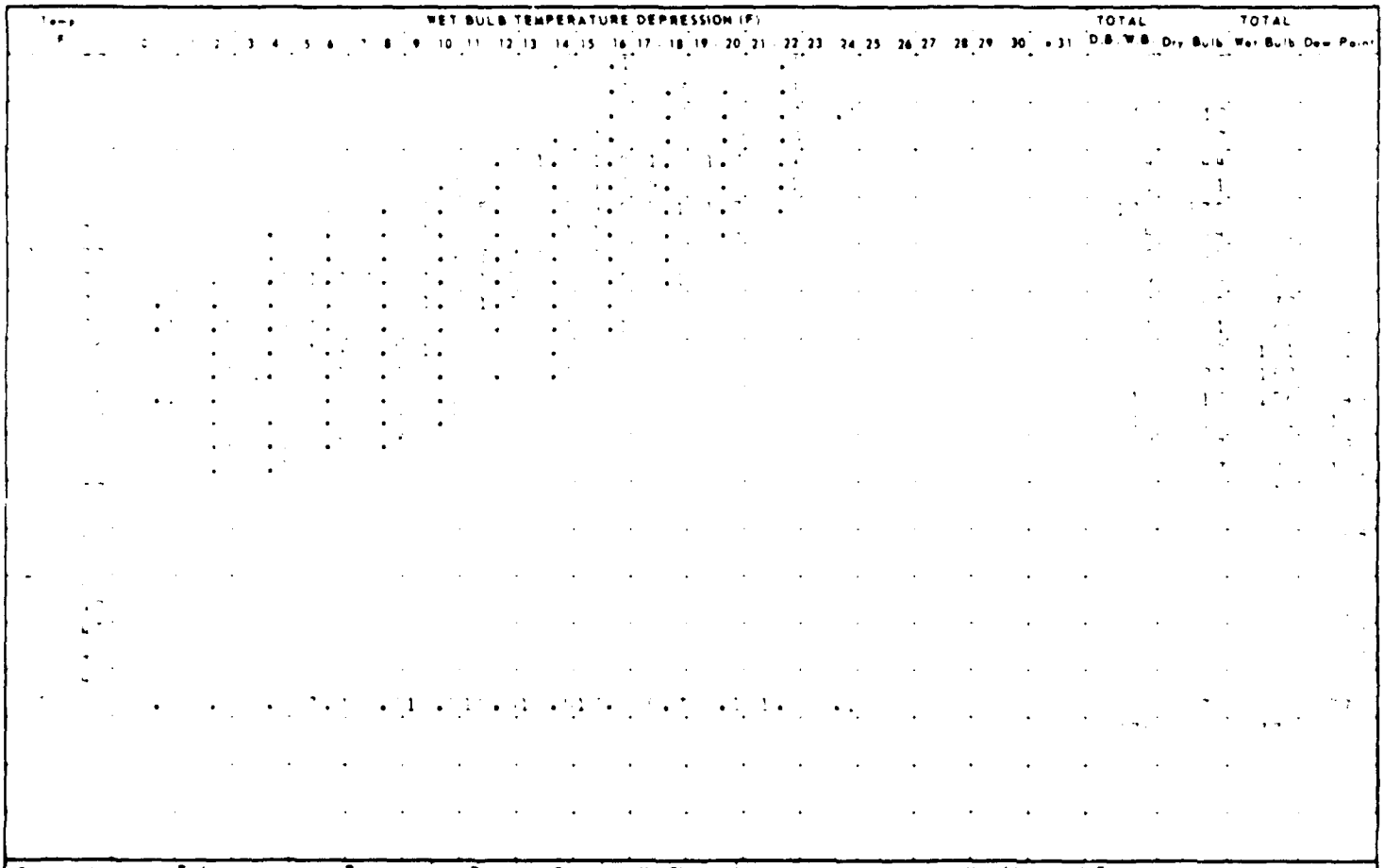
Temp °F	WET BULB TEMPERATURE DEPRESSION (°F) 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 +31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

Element	Σx	Σx^2	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 °F	≤ 32 °F	≤ 67 °F	≤ 73 °F	≤ 80 °F	≤ 93 °F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS



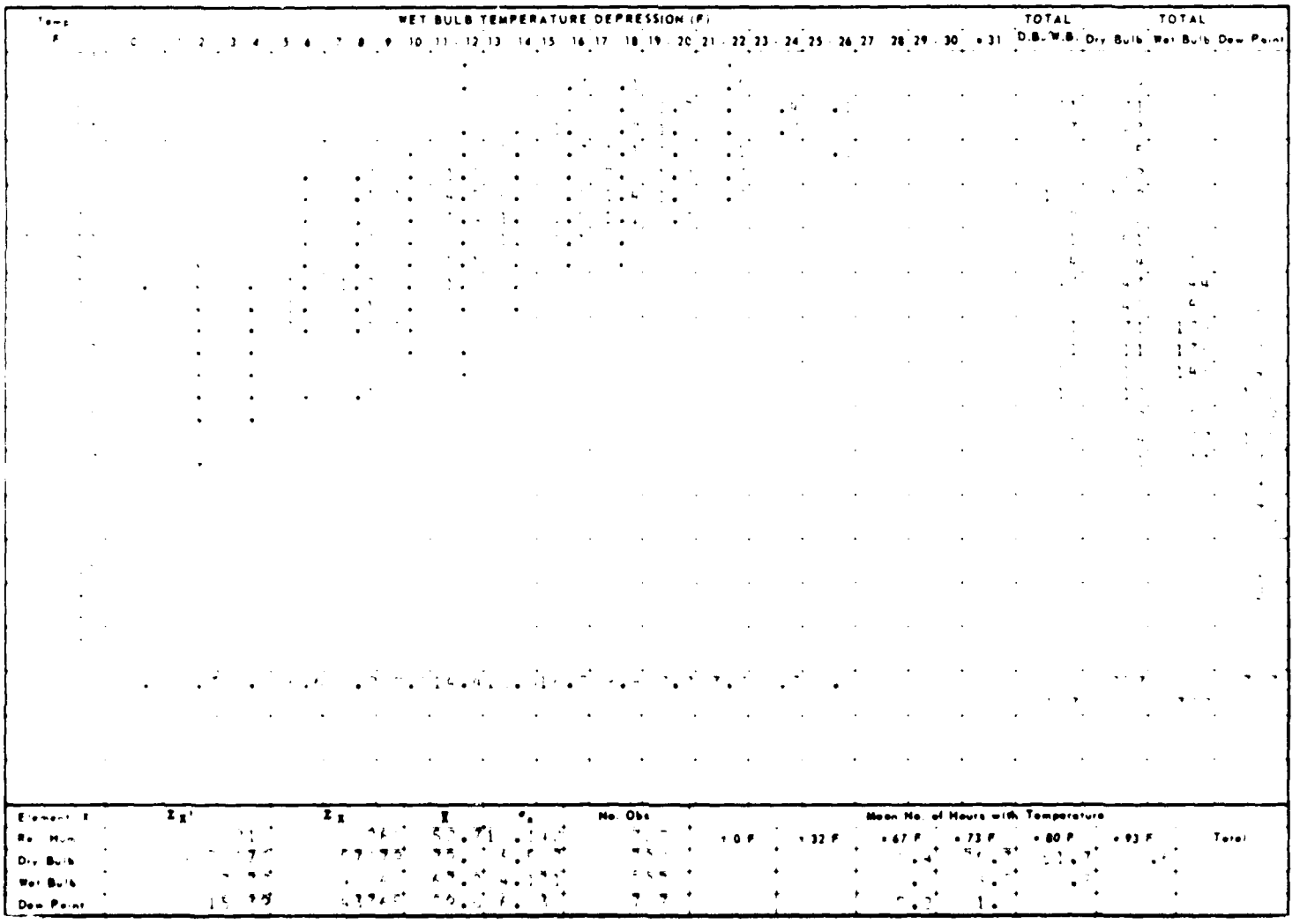
Element	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS



Element	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						+0 F	+32 F	+67 F	+73 F	+80 F	+93 F	Total
Re. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																													TOTAL	TOTAL	
	0	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	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS

Temp °F	WET BULB TEMPERATURE DEPRESSION (°F)																													TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	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				

| Element | $\Sigma x'$ | Σx | $\bar{x}$ | σ_x | No. Obs | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

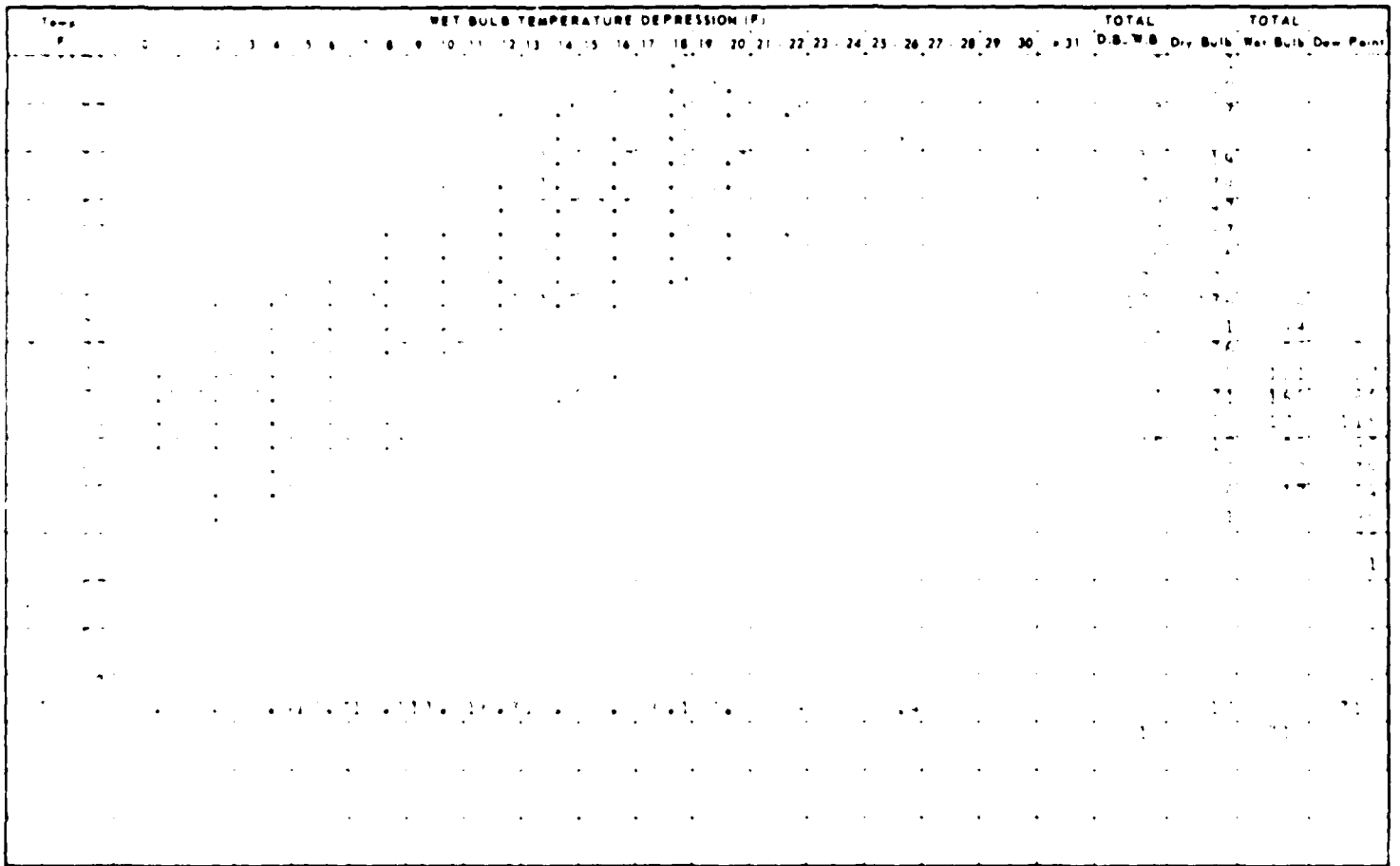
Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

Element #	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS



Element	Σx'	Σx	x̄	σx	No. Obs	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel Hum											
Dry Bulb											
Wet Bulb											
Dew Point											

Total

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	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	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0 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	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Element X	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]		
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]		
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]		
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]		

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

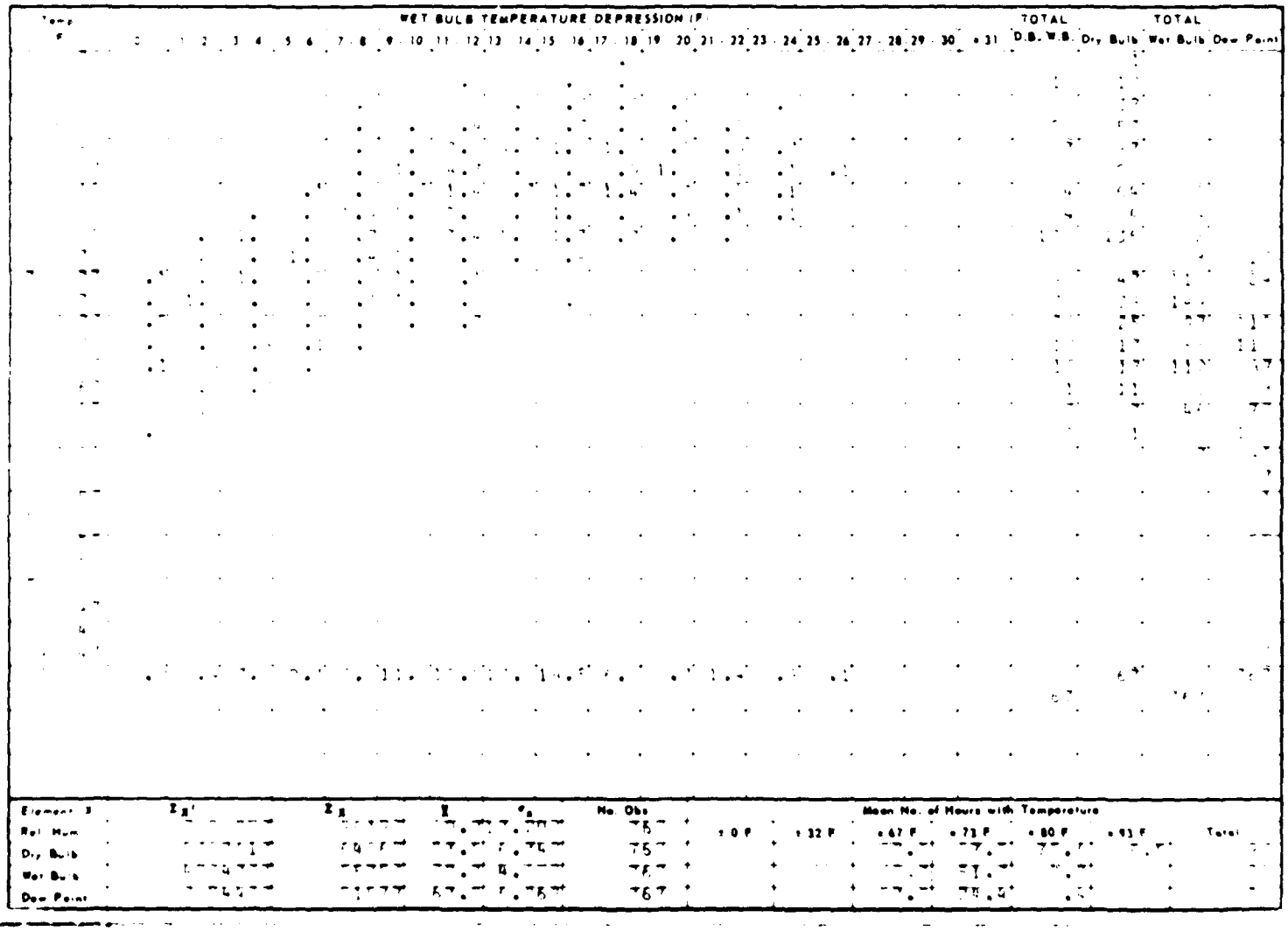
HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																													TOTAL D.B.	TOTAL W.B.
	0	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	

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS



Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	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	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0 26 5 (C) A

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp °F	WET BULB TEMPERATURE DEPRESSION (F) 0	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	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

Element	Σx'	Σx	x̄	σx	No. Obs	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	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	TOTAL D.B.-W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point

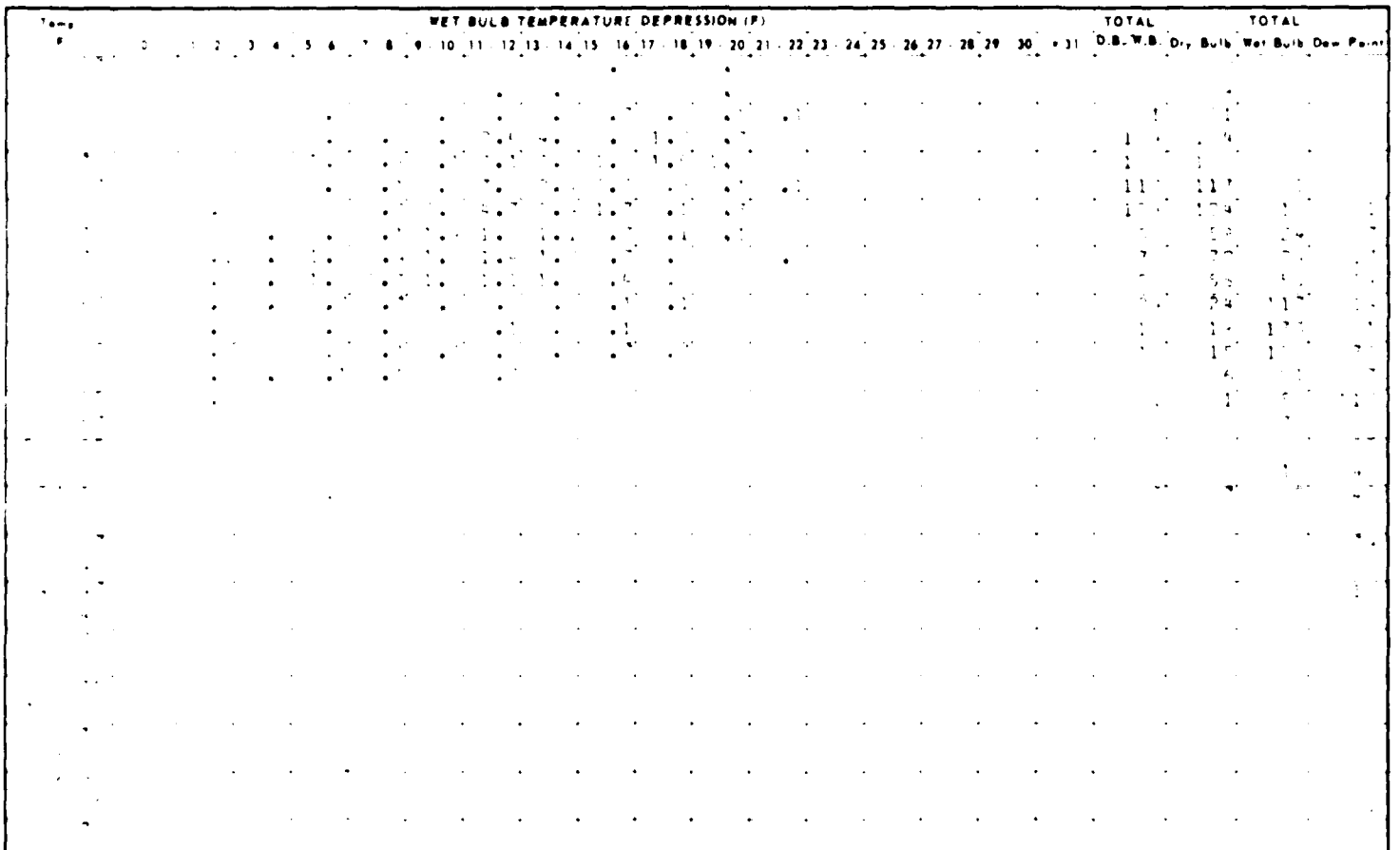
Element X	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: <0 F	<32 F	>67 F	>73 F	>80 F	>93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]		
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]			
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]			

USAFETAC FORM 0 26 5 10 A

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS



Element	Σ_x'	Σ_x	$\bar{x}$	σ_x	No Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

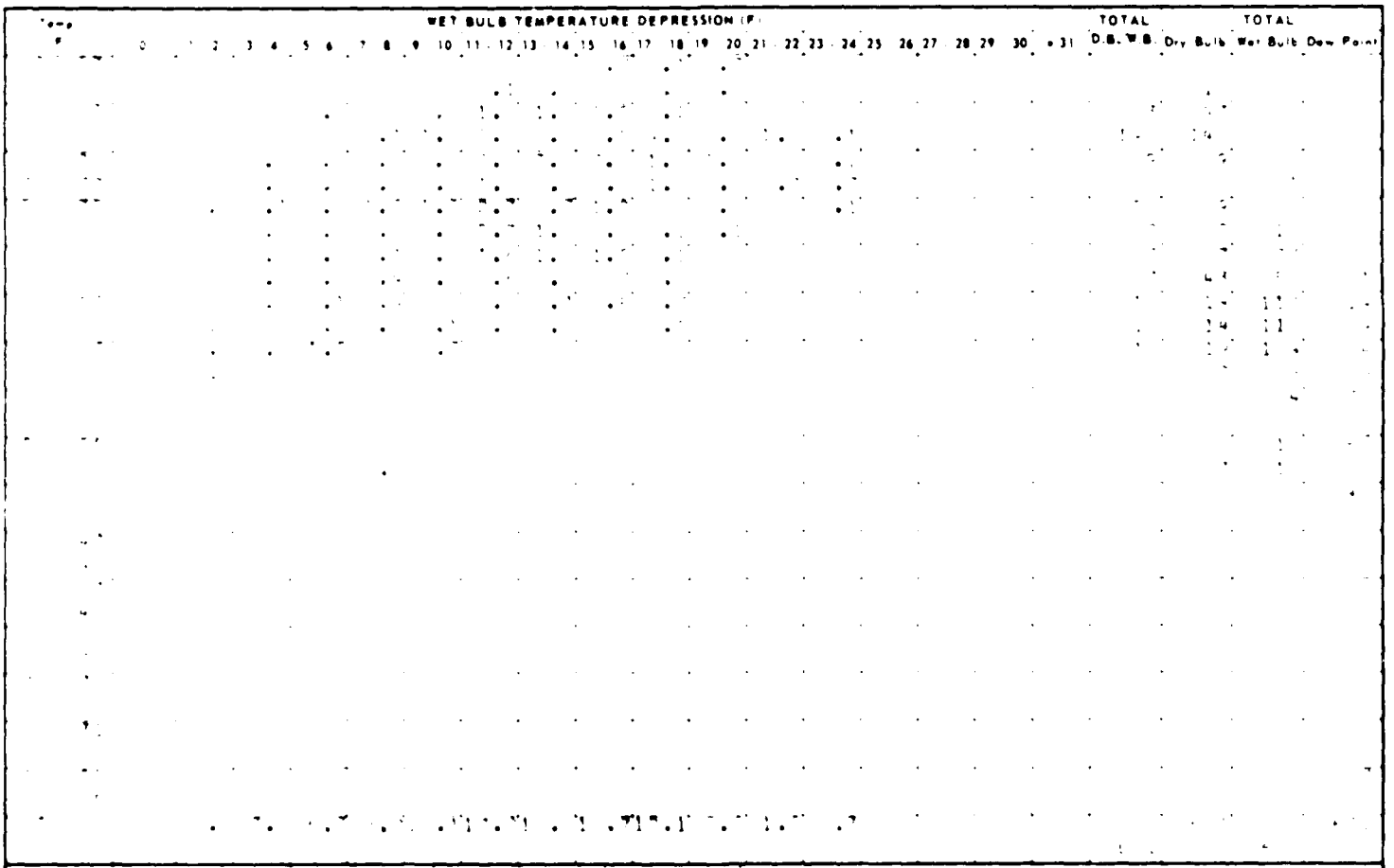
Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_n	No. Obs	Mean No. of Hours with Temperature: < 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]		
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]			[illegible]
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]			[illegible]

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS



Element	Σ_R	Σ_R	$\bar{R}$	σ_R	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC Form 0-26-1

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

MONTH

HOURS

Temp °F	WET BULB TEMPERATURE DEPRESSION (°F)																													TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	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				

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp °F	WET BULB TEMPERATURE DEPRESSION (°F)																											TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	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				

Element x	Σ_x	Σ_{x^2}	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						- 0 F	- 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	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	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	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	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS

Time	WET BULB TEMPERATURE DEPRESSION (F)																													TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	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				

Element X	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						0 F	32 F	67 F	73 F	80 F	93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS | S

Temp °F	WET BULB TEMPERATURE DEPRESSION (°F) 0 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	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
			1	1	
			4		
				1	
			7		
			4		
			6		
			2		
			13		
			14		

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	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	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

Element X	Σ_R	Σ_R'	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						+ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A)

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	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				

Element X	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC Form 0-26-5 (OL-A)

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	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				

Element x	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS | S T

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																													TOTAL D.B.	TOTAL W.B.
	0	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		

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

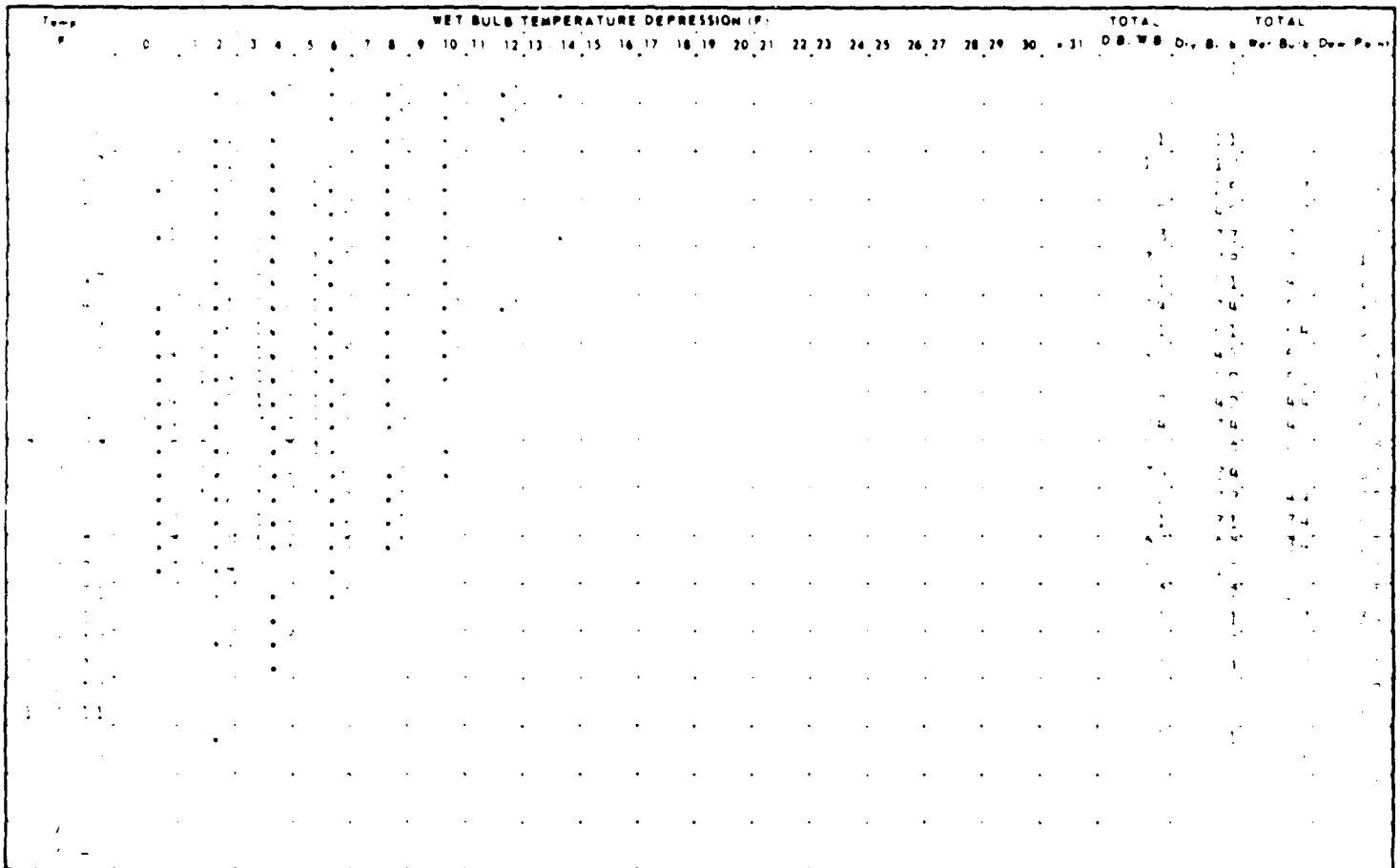
Temp °F	WET BULB TEMPERATURE DEPRESSION (°F)																													TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	+31				

Element	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						+0 F	+32 F	+67 F	+73 F	+80 F	+93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH



Element X	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Tons
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC Form 0-26-5 (OL-A)

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0 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	TOTAL D.B.-W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

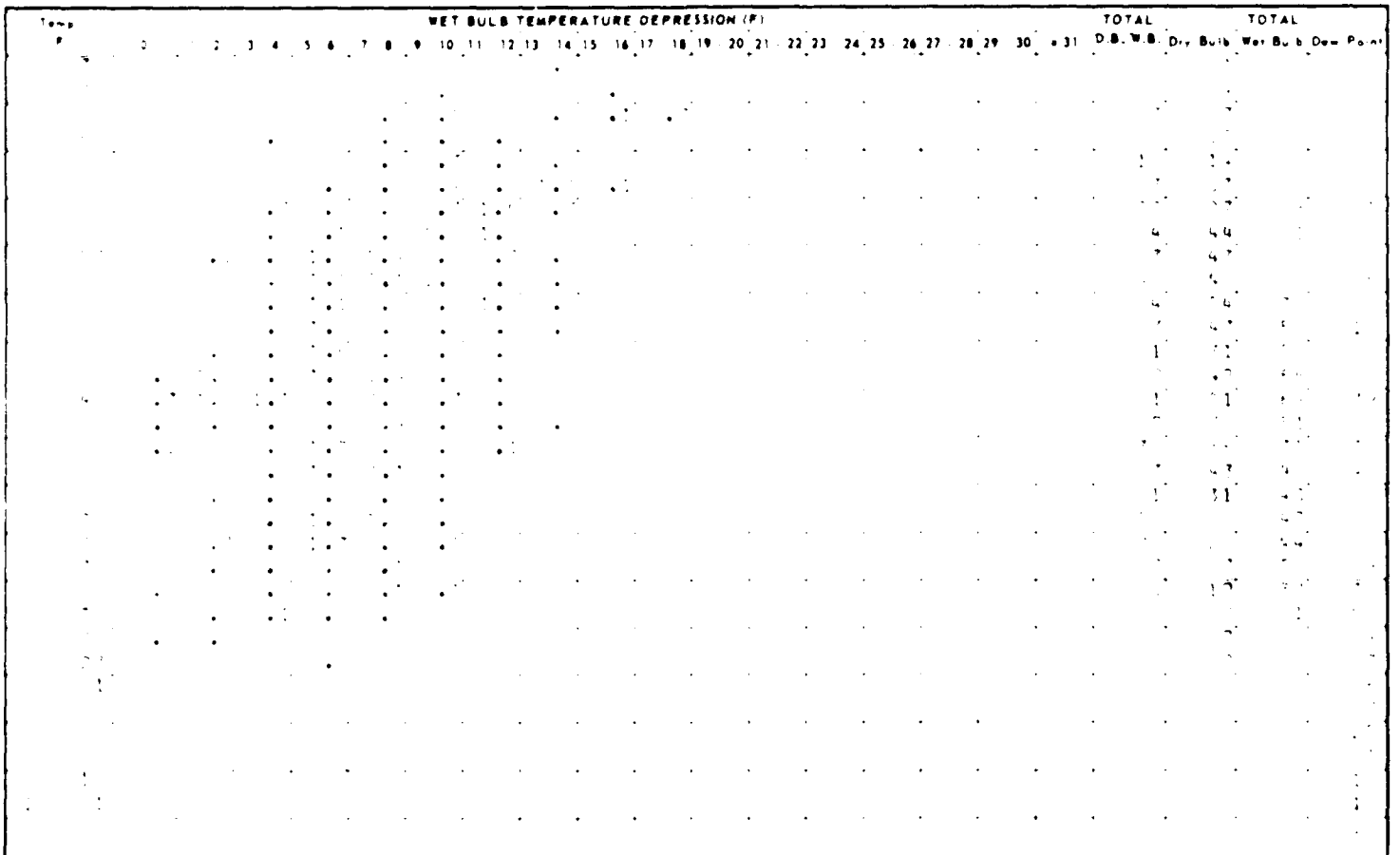
Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature: < 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	Total
Rel. Hum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	44.7					

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS



Element X	Σ_X'	Σ_X	$\bar{X}$	σ_x	No Obs	Mean No. of Hours with Temperature						
						+ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS

Temp °F	WET BULB TEMPERATURE DEPRESSION (°F) 0 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	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

Element	Σ	Σ			No Obs	Mean No. of Hours with Temperature					
							0°F	32°F	67°F	73°F	80°F	+91°F	Totals
Wet Bulb													
Dry Bulb													
Wet Bulb													
Dew Point													

USAFETAC

AD A147 204 CAMP CASEY TONG DU CHON KOREA LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMA..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A..

UNCLASSIFIED SEP 84 USAFETAC/DS-84/031 SBI-AD-E850 755 F/G 4/2 NL

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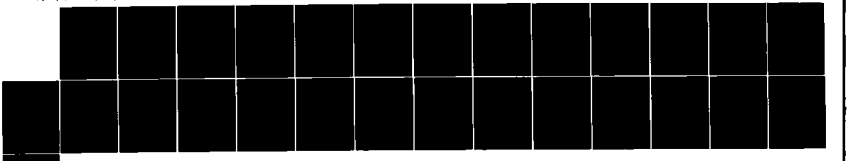

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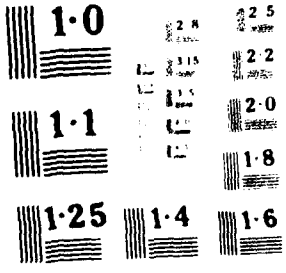
1·0
1·1
1·25
1·4
1·6
2·0
2·2
2·5

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	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	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp °F	WET BULB TEMPERATURE DEPRESSION (F) 0	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	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

Element (X)	$\Sigma_{g'}$	Σ_g	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb							15.4					
Dew Point						1.0	43.1					

USAFETAC Form 0-26-5 (OL-A)

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (G.M.T.)

Temp °F	WET BULB TEMPERATURE DEPRESSION (°F) 0	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	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (GMT)

Temp °F	WET BULB TEMPERATURE DEPRESSION (°F) 0 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	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 °F	≤ 32 °F	≥ 67 °F	≥ 73 °F	≥ 80 °F	≥ 93 °F	Total
Rel Hum					754							
Dry Bulb					755	1.6	73.9					
Wet Bulb					754	1.6	77.3					
Dew Point					754	5.9	81.3					

USAFETAC FORM 0-26-5 (OL-A)

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp °F	WET BULB TEMPERATURE DEPRESSION (F) 0	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	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	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	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
																																	1	1		
																																		4	7		
																																		2		

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp °F	WET BULB TEMPERATURE DEPRESSION (F) 0	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	TOTAL D.B.-W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
[illegible]																							
[illegible]																							

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	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	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F)																													TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	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				

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature					
						0 F	32 F	67 F	73 F	80 F	93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

MEANS AND STANDARD DEVIATIONS

STATION NAME

YEARS

HR		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
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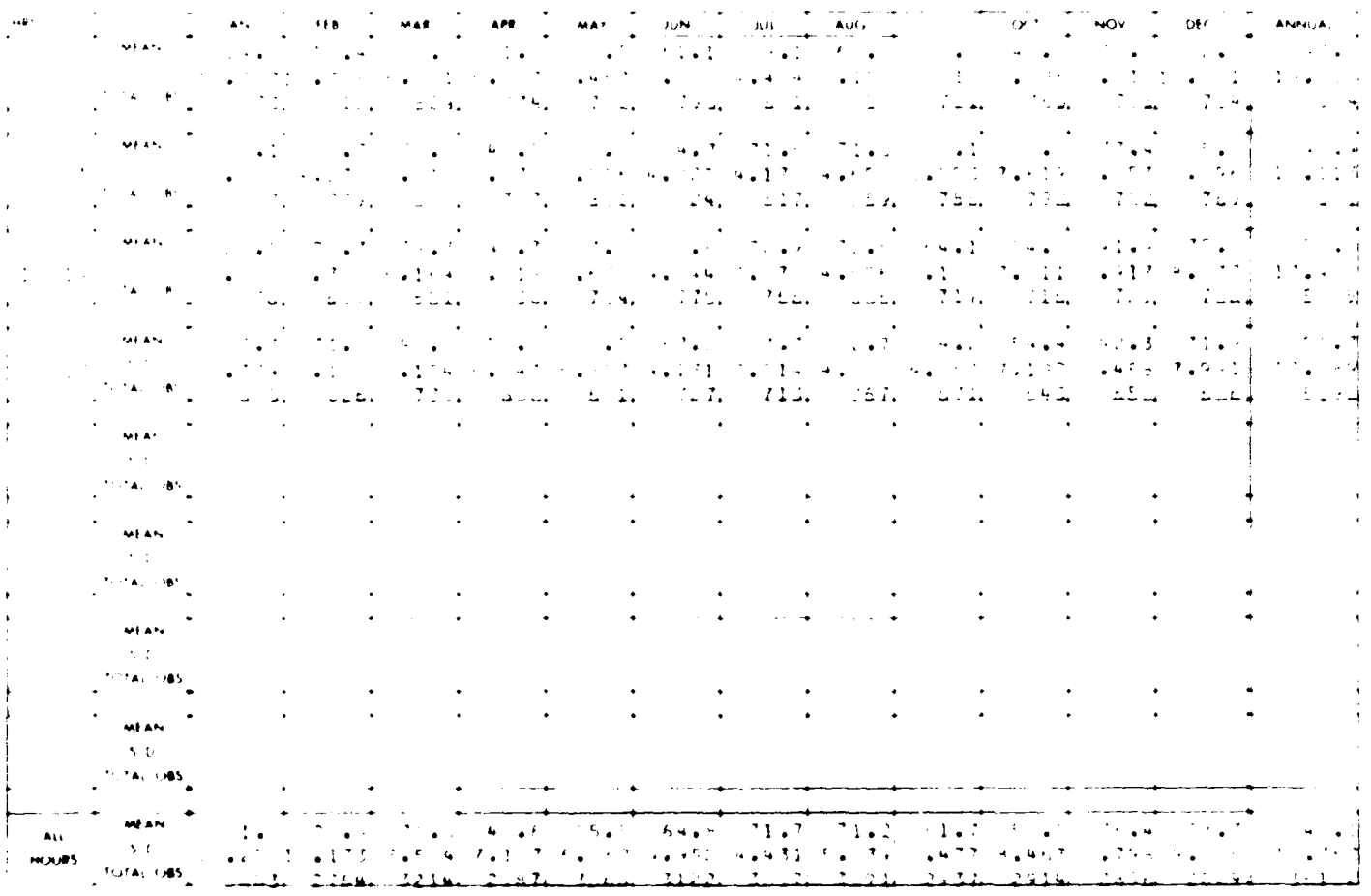
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN													
	S D													
	TOTAL OBS													

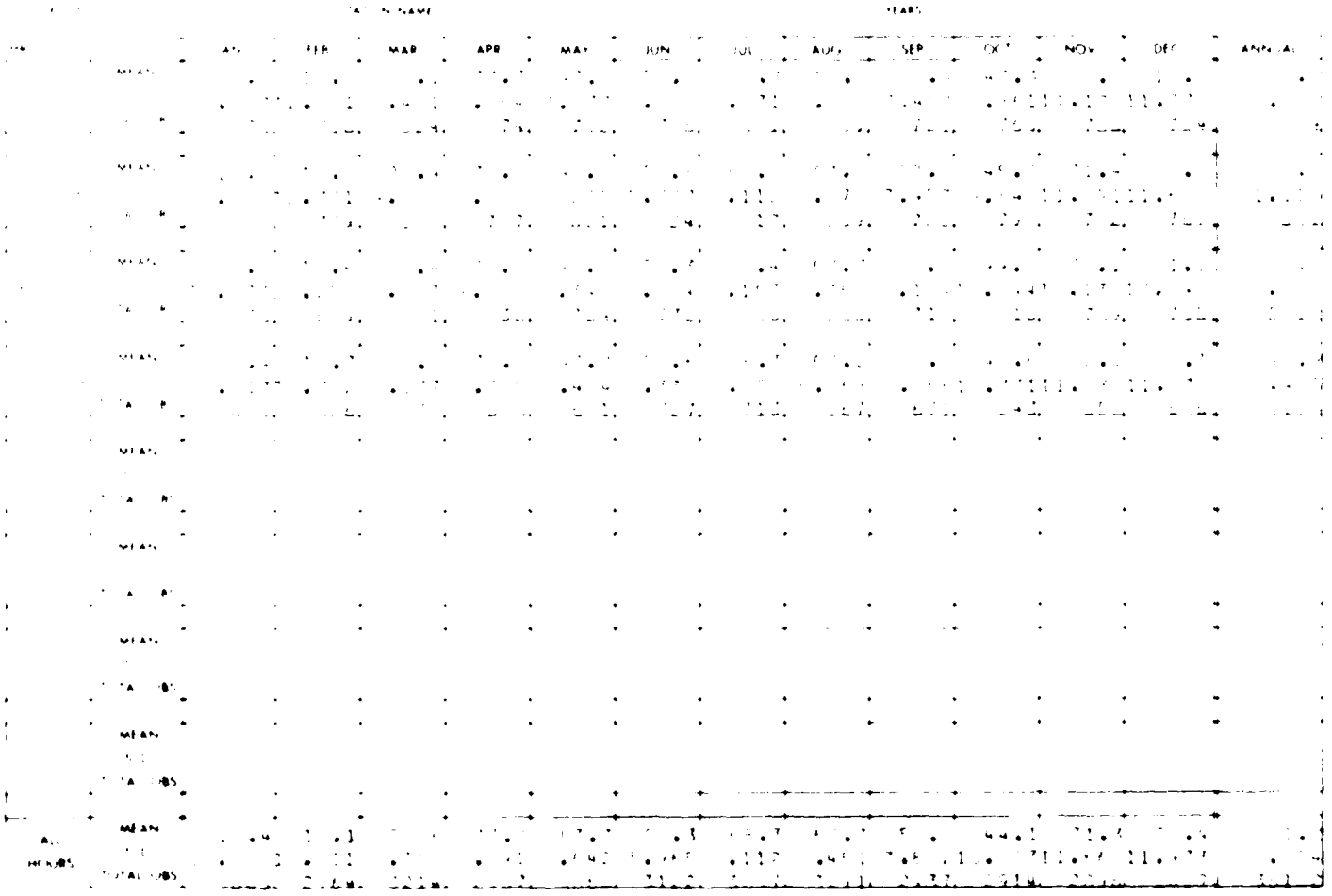
USAF ETAC FORM OCT 78 0-89 5 (OL A)

MEANS AND STANDARD DEVIATIONS



USAF ETAC FORM 0-89-5 (OL A)

MEANS AND STANDARD DEVIATIONS



[illegible] CLIMATOLOGY BRANCH
[illegible]
AF [illegible] SERVICE/MAC

RELATIVE HUMIDITY

[illegible] AB [illegible] CAPE [illegible] AFB, MO [illegible]

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10	20	30	40	50	60	70	80	90		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20	30	40	50%	60%	70	80	90		
TOTALS												

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RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10	20	30	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	6.4	[illegible]	[illegible]	[illegible]	[illegible]	22.2	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.2	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	43.7	[illegible]
TOTALS		[illegible]	[illegible]	86.6	73.1	[illegible]	[illegible]	33.3	[illegible]	11.[illegible]	[illegible]	3214

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RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10	20	30	40	50	60	70	80	90		
TOTALS												

USAPETAC FORM 7-4 64 0-87-5 OL A

RELATIVE HUMIDITY

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		0	20	30	40	50	60	70	80	90		
TOTALS												

USAPETAC FORM 0-87-5 OL A

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10	20	30	40	50	60	70	80	90		
TOTALS												

USAPETAC FORM 0-8745 OL A

[illegible]

RELATIVE HUMIDITY

[illegible]

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70	80%	90	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
	[illegible]											
	[illegible]											
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.4	[illegible].1	[illegible]	41.6	87.6	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	9.9	[illegible]	81.2	[illegible]	[illegible].4	[illegible]	74.6	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54.7	34.3	[illegible]	[illegible].7	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	32.[illegible]	15.9	[illegible].6	64.1	[illegible]
	[illegible]											
	[illegible]											
TOTALS		[illegible]	100.0	99.8	97.7	[illegible]	72.[illegible]	55.6	39.[illegible]	[illegible]	72.9	[illegible]

USAFETAC FORM JUL 64 0-87-5 (OL A)

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
	[illegible]											
	[illegible]											
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.9	92.3	[illegible]	41.9	[illegible]	[illegible]
	[illegible]-11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	76.9	52.4	71.2	[illegible]	72.2	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	46.3	28.2	16.6	[illegible]	61.[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.[illegible]	42.4	26.1	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]											
	[illegible]											
TOTALS		[illegible]	[illegible]	98.9	[illegible]	83.	65.9	49.5	35.7	16.8	[illegible]	[illegible]

USAFETAC FORM JUL 64 0-87-5 (OL A)

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20	30%	40%	50%	60%	70%	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.5	[illegible]	[illegible]	[illegible]	88.6	761
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.[illegible]	[illegible]	[illegible]	[illegible]	69.2	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	52.7	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]											
	[illegible]											
TOTALS		[illegible]	[illegible]	97.1	[illegible]	72.2	54.6	41.3	26.9	15.4	65.2	[illegible]

USAFETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOUR	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		0	20	30	40	50	60	70	80	90		

RELATIVE HUMIDITY

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURLY	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		20	30	40	50	60	70	80	90		

RELATIVE HUMIDITY

STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUMBER OF OBS
		10	20	30	40	50	60	70	80	90		

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PART I PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure.

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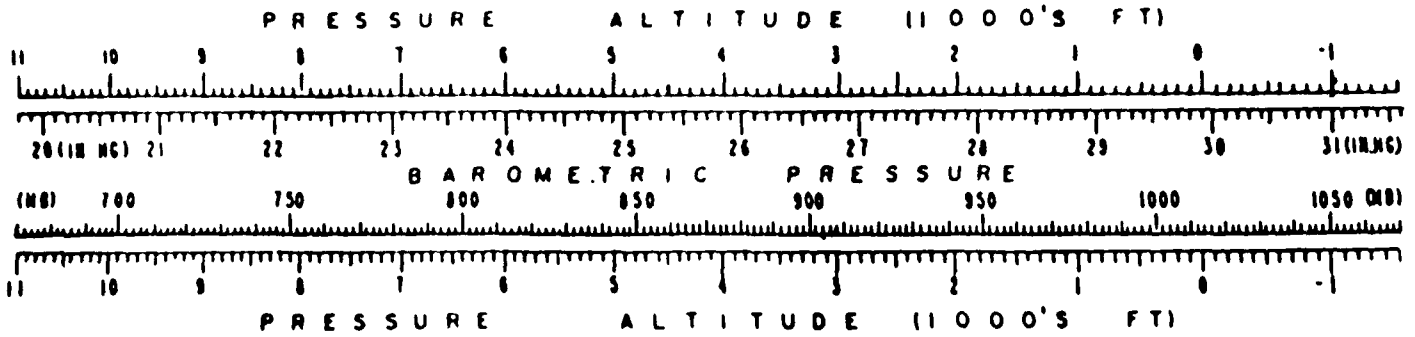
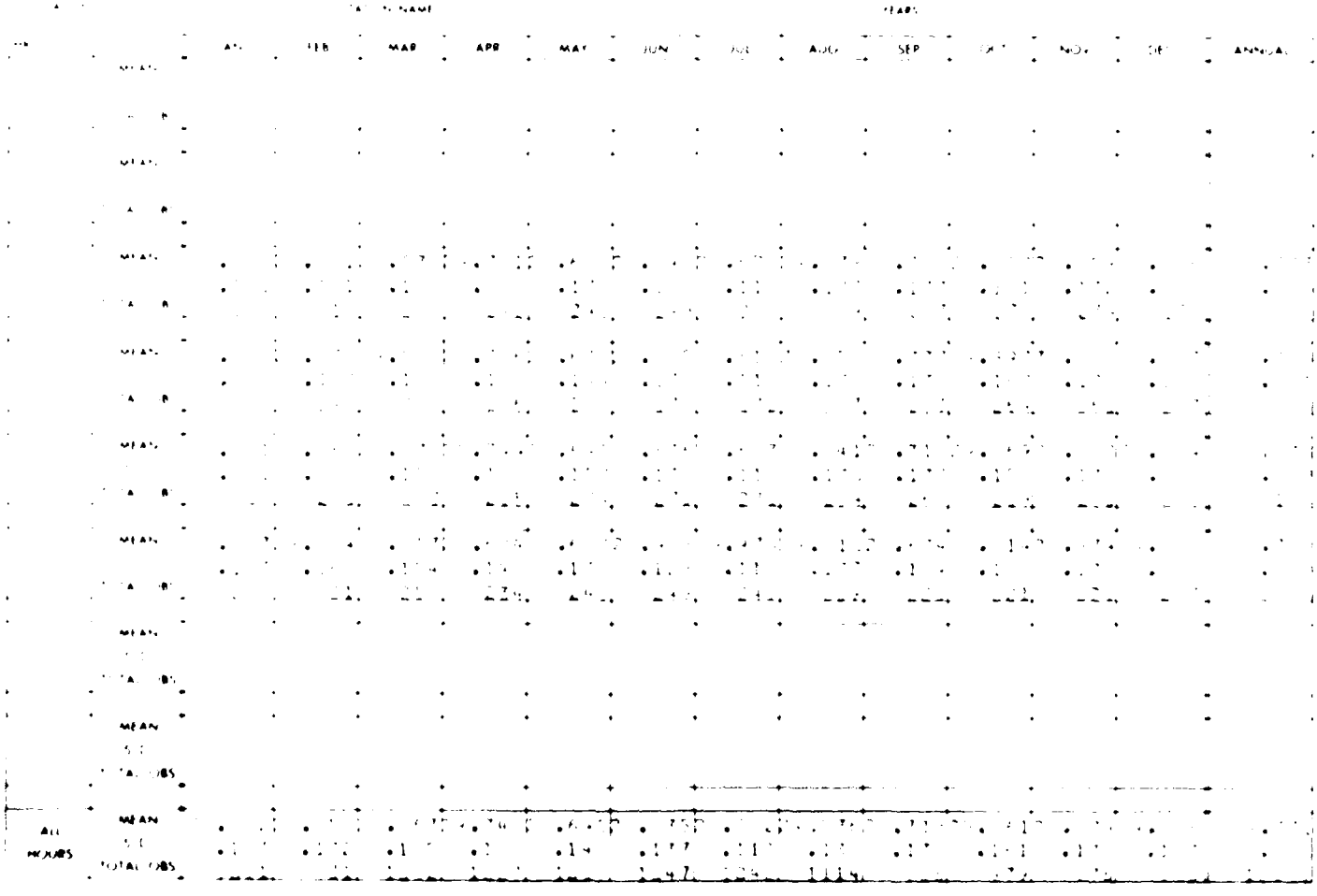
1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



MEANS AND STANDARD DEVIATIONS



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