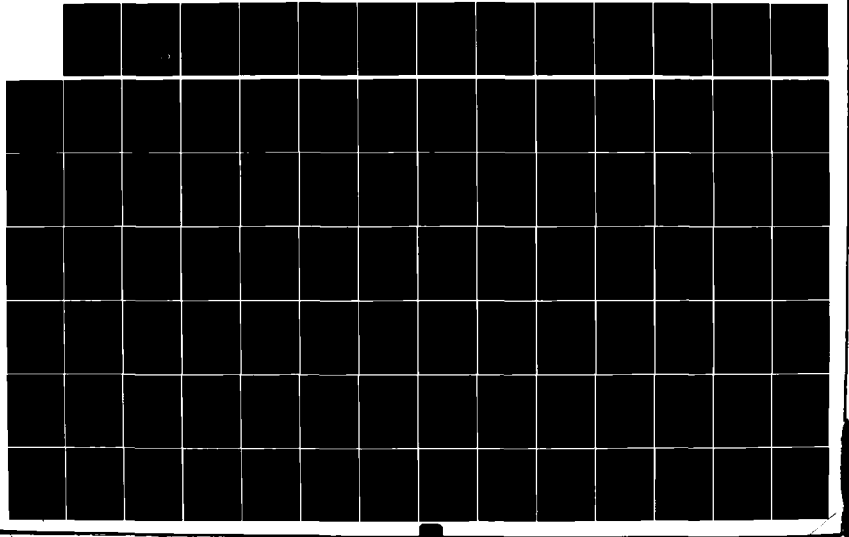
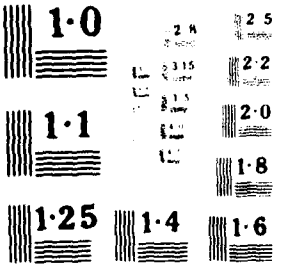
AD A147 205 ANSBACH AHP GERMANY LIMITED SURFACE OBSERVATIONS 1/4
CLIMATIC SUMMARY (LISOCS)(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. SEP 84
UNCLASSIFIED USAFETAC/DS-84/030 SRI-AD-E850 754 F/G 4/2 NL




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AD-A147 205

DATA PROCESSING DIVISION

USAFETAC

Air Weather Service (MAC)

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CLIMATIC ...

80 SEP ...

FEDERAL BUILDING

ASHEVILLE, N. C.

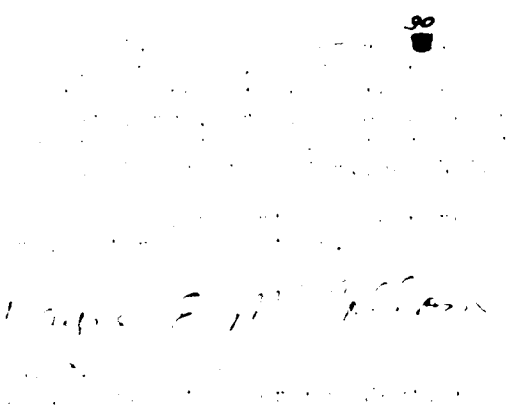
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REVIEW AND APPROVAL STATEMENT



REPORT DOCUMENTATION PAGE

84/030

ANSBACH AB, ANSBACH AAF, KATTERBACH,
GERMANY (WEST)

SEP 84

12

This report is similar to a previous publication, Summary of Surface Weather Observations (TDF-11), the summary is created from data observed at limited-duty observation sites. This summary is based on the normal hours of observation and only those tables which 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 statistical summary of surface weather observations for ANSBACH AB, ANSBACH AAF, KATTERBACH, GERMANY (WEST)

DD FORM 1473

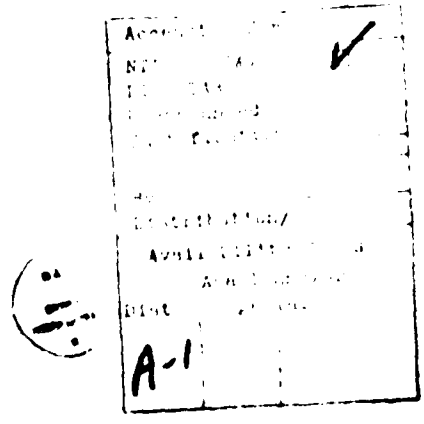
SECURITY CLASSIFICATION OF THIS PAGE When Data Entered

20. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

- [illegible]
- FAIRBANKS
- [illegible]

21. It contains the following parts: (A) Weather Conditions; (B) Surface Winds; (C) Ceiling Versus Visibility; (D) 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 (E) 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 figure 1-A standard products.



OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARIES
(LISOCS)

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

Hourly Observations: Those record 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 proceeds 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 2 "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
0900-1100	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 LOCATION AND INSTRUMENTATION HISTORY

WBAN MSC NO.	NAME OF STATION	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	RMO NUMBER
7550	ANSBACH AHP GERMANY/KATTERBACH	N 49 19	E 010 38	1532	EDFB	1 [illegible]

NO	GEOGRAPHICAL LOCATION AND NAME	TYPE OF STATION	AT THIS LOCATION FROM	AT THIS LOCATION TO	LATITUDE	LONGITUDE	ELEVATION ABOVE MSL FIELD (FT)	ELEVATION ABOVE MSL HT BAR.	OBS PER DAY
1	Anabach AAF Germany	AAF	May 46	May 47	N 49 19	E 010 38	1532	1532	24
	Same	Same	Oct 65	[illegible]	Same	Same	[illegible]	[illegible]	Mon-F
									Closed Sat
									Sun
3	Same	Same	Dec 67	[illegible]	Same	Same	same	same	24 Daily
4	Same	Same	Nov 68	Oct 70	Same	Same	Same	Same	13 Daily
	Same	Same	Nov 67	Dec 68	Same	Same	Same	same	13 M-F
									4-7 Sat
									Closed Sun
6	Same	same	Mar 68	Aug 70	same	Same	same	same	24 Daily
7	Same	same	Sep 70	Dec 72	Same	Same	same	same	13 M-F
8	Same	same	Jan 73	[illegible] 83	Same	Same	same	same	4-7 Sat
									Closed Sun
9	Same	Same	1 Jul 83	[illegible]	Same	Same	1	same	4-7 Sat
									Closed Sun
	Anabach AHP Germany/Katterbach	A	[illegible]	[illegible]	Same	Same	same	same	4-7 Sat
									Closed Sun
			This station is closed all American Holidays						

CHG NO	DATE OF CHANGE	SURFACE EQUIPMENT INFORMATION LOCATION	TYPE OF TRANSMITTER	TYPE OF RECEIVER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
1	May 46-May 47	Located on roof of [illegible]	Selsyn	None	60 ft	
2	Oct 65-May 68	Located on top of Observation Tower.	[illegible]	[illegible]	41 ft	
3	Jun 68-Aug 70	Same	Same	[illegible]	Same	
4	Sep 70-Dec 72	Located on Control Tower, [illegible] mile from RCS.	Same	same	3 ft	
5	Jan 73-Dec 83	Same	Same	same	10 ft	

AWS FORM 2
NOV 83

OPERATING LOCATION "A"
USAFETAC, 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 beginning 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.

2. When the value of ".0" appears in the summaries, it represent one or more occurrences amounting to less than .05 percent.

WEATHER CONDITIONS

MONTH	HOURS	THUNDERSTORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN AND/OR 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
	[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]	[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]	[illegible]	[illegible]			[illegible]	[illegible]
TOTAL			[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]

WEATHER CONDITIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN AND/OR 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
	[illegible]												
	[illegible]		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	57.4	[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]			47.[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]			[illegible]	[illegible]

WEATHER CONDITIONS

[illegible]

WEATHER CONDITIONS

[illegible] — STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS	[illegible]	[illegible]	[illegible]	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 NO. OF OBS
	[illegible]												
	[illegible]		[illegible]		[illegible]		[illegible]	55.9	[illegible]			[illegible]	[illegible]
	[illegible]		[illegible]		[illegible]		[illegible]	4[illegible].9	[illegible]			[illegible]	[illegible]
	[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]4.5	[illegible]			[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	.7			[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
	[illegible]	[illegible]	1[illegible]		[illegible]		[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
TOTAL		[illegible]	[illegible]		[illegible]	.1	[illegible]	[illegible].2	[illegible]			[illegible]	2941

USAFETAC [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]
[illegible]

WEATHER CONDITIONS

[illegible] — STATION

[illegible] ANY — STATION NAME

[illegible] — YEARS

MAY — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN AND/OR 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
MAY	[illegible]												
	[illegible]		[illegible]		[illegible]		[illegible]	[illegible].7	[illegible]			[illegible]	[illegible]
	[illegible]		[illegible]		[illegible]		[illegible]	33.7	[illegible]			[illegible]	[illegible]
	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]				[illegible]	[illegible].2	[illegible]			[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible].4	[illegible]			[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]			.2	[illegible]	[illegible].1	7.5			[illegible]	474
	[illegible]		[illegible]				[illegible]	[illegible]	[illegible]			21.	[illegible]
TOTALS		.	1.2		.	.	11.3	15.6	13.			28.6	3749

WEATHER CONDITIONS

YEARS

MONTH

RELATIVE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOUR	RAIN	RAIN AND/OR SNOW	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 RESTRICTION	TOTAL NO. OF OBS
TOTALS													

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WEATHER CONDITIONS

STATION _____ YEARS JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER OBSERVATIONS FROM HOURLY OBSERVATIONS

MONTH	HOUR	THUNDER OR LIGHTNING	RAIN AND/OR DRIZZLE	FREEZING RAIN 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 RESTRICTED VISIBILITY	TOTAL NO. OF OBS
			•	•			•	•	1•			43•4	1••
			•	1••			1••	1•4	1••			22•4	1••
			•	1••			4•	1••	1••			22•4	1••
			•	•			1••	1••	1••			14•1	1••
			1••	••		•1	1••	1•4	••			1•	1••
			1••	1••			1••	••	1••			11•1	1••
			•1	•			•	14•1	••			1••	1••
TOTALS			••	1••		•	1••	16•6	11•1			1••	1••

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WEATHER CONDITIONS

YEARS

TOTALS													

USAPETAC FORM 0-10-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

WEATHER CONDITIONS

YEARS

TOTALS														

USAPETAC FORM 0-10-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	HAIL	[illegible]	[illegible]	SMOKE AND/OR HAZE	BLOWING SNOW	[illegible]	[illegible]	TOTAL NO. OF OBS
	[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]			[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]

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WEATHER CONDITIONS

WEATHER CONDITIONS

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC SURFACE WINDS

PART 2

2

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

Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions 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 on the 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" percent.

SURFACE WINDS

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

STATION [illegible] STATION NAME [illegible] YEARS JAN MONTH

ALL WEATHER CLASS [illegible] HOURS (L.S.T.)

CONDITION

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	[illegible]											[illegible]	[illegible]
NNE												[illegible]	[illegible]
NE												[illegible]	[illegible]
ENE												[illegible]	[illegible]
E												[illegible]	[illegible]
ESE												[illegible]	[illegible]
SE												[illegible]	[illegible]
SSE												[illegible]	[illegible]
S												[illegible]	[illegible]
SSW												[illegible]	[illegible]
SW												[illegible]	[illegible]
WSW												[illegible]	[illegible]
W												[illegible]	[illegible]
WNW												[illegible]	[illegible]
NW												[illegible]	[illegible]
NNW												[illegible]	[illegible]
VARBL	—	—	—	—	—	—	—	—	—	—	—	[illegible]	
CALM	—	—	—	—	—	—	—	—	—	—	—	[illegible]	
	[illegible]											[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

SURFACE WINDS

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

STATION

YEARS

MONTH

CLASS

CONDITION

HOURS

SPEED (KNOTS) DIR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	≥56	%	MEAN WIND SPEED
N																																																												
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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 JAN

ALL CLASS _____ HOURS (LST) _____

WIND DIR (TO)	4	7	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)

WIND DIRECTION	4	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 [illegible] STATION NAME

YEARS

MONTH

CLASS

HOURS L.S.T.

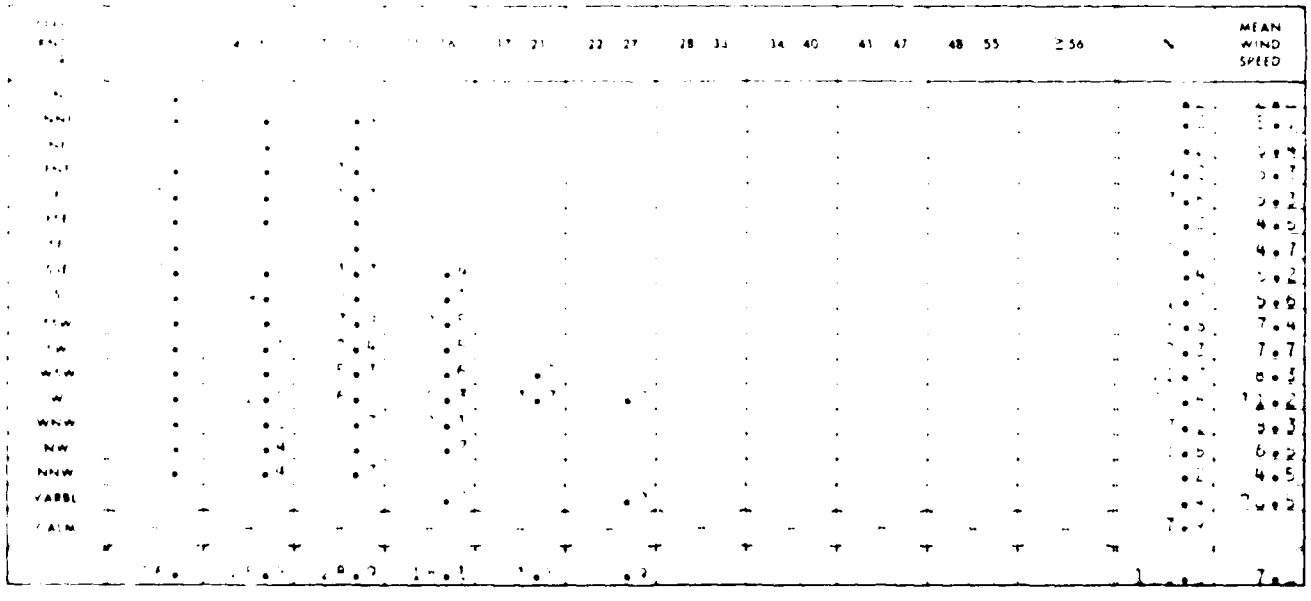
CONDITION

SPEED (KNOTS) 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)



TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION — AVIANCA AMF — GERMANY — STATION NAME — 15-16.78-7x.81 — YEARS — JAN — MONTH

ALL WEATHER — CLASS — CONDITION — HOURS (L.S.T.) 24

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 [illegible] BEACH AFB [illegible] GERMANY STATION NAME 15.72-64 YEARS FEB MONTH

ALL WEATHER CLASS HOURS (L.S.T.)

CONDITION

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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VARBL	—	—	—	—	—	—	—	—	—	—	—	[illegible]	
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] OL A [illegible]

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS HOURS (LST)

WIND DIRECTION (TENS OF DEGREES)	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)

	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 ____

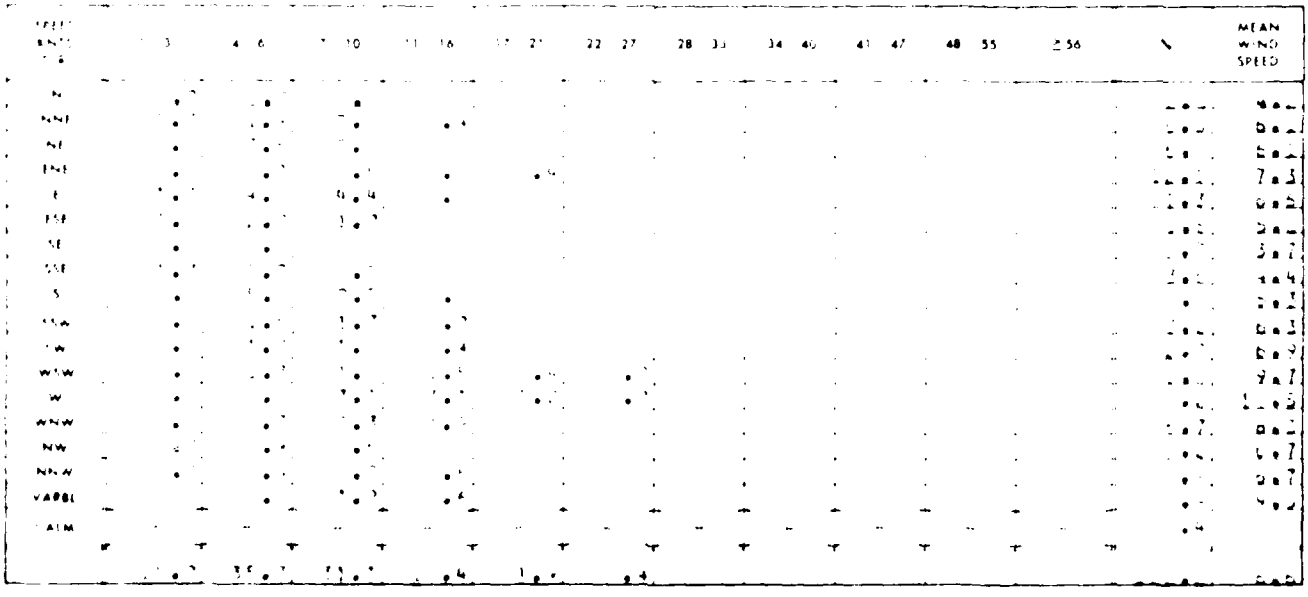
FUNCTION

FROM ↓ TO →	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

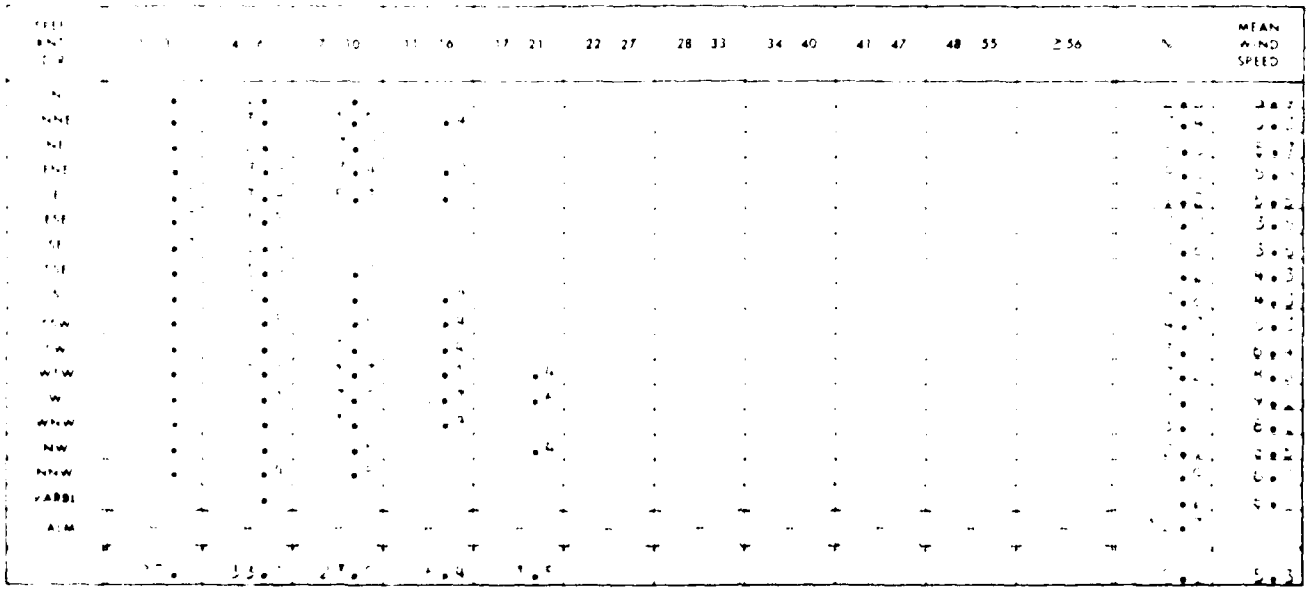
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)



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 _____

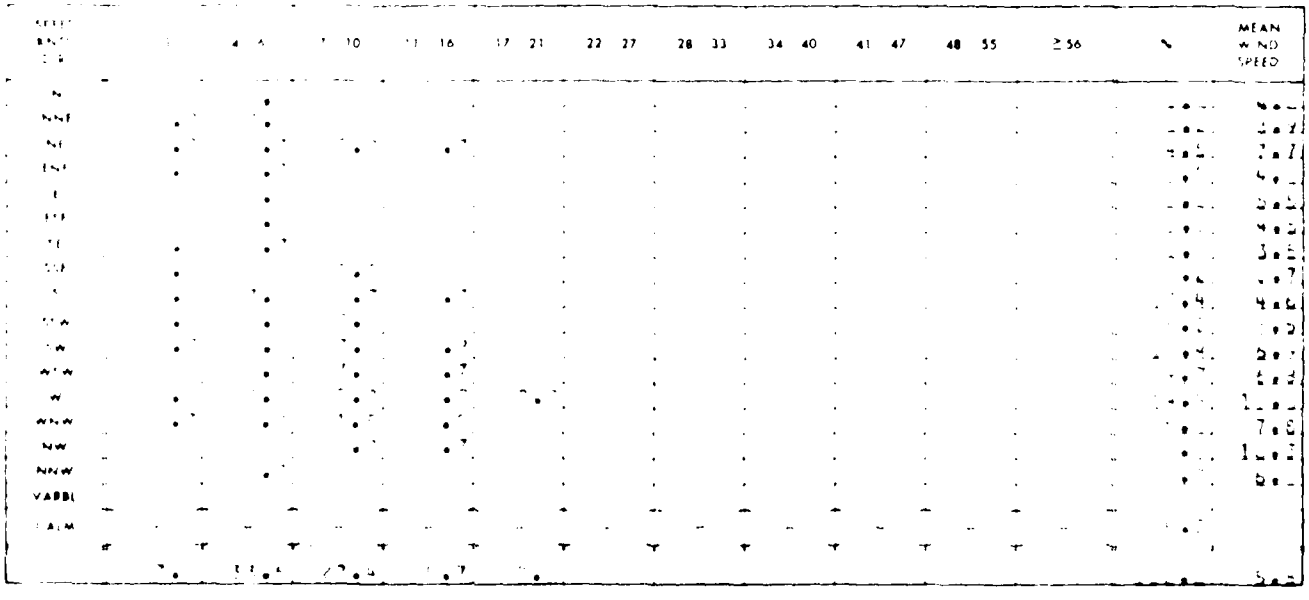
CLASS _____ HOURS (L.S.T.) _____

WIND DIR.	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)



TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

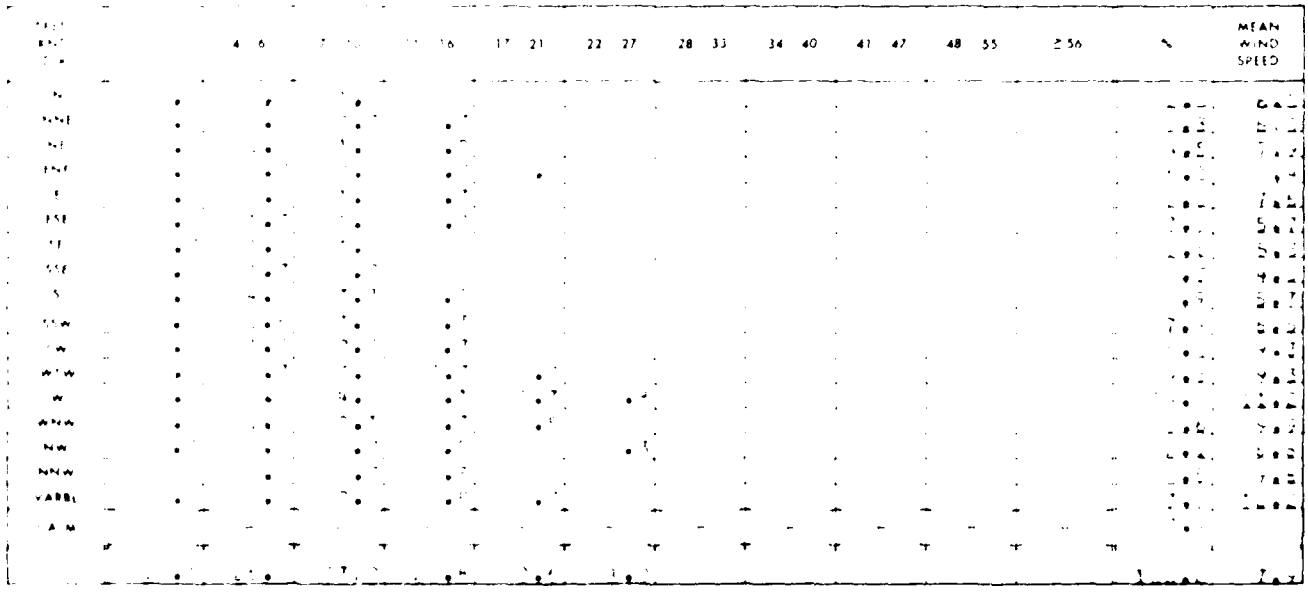
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

(TRUE BEARING OF)	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

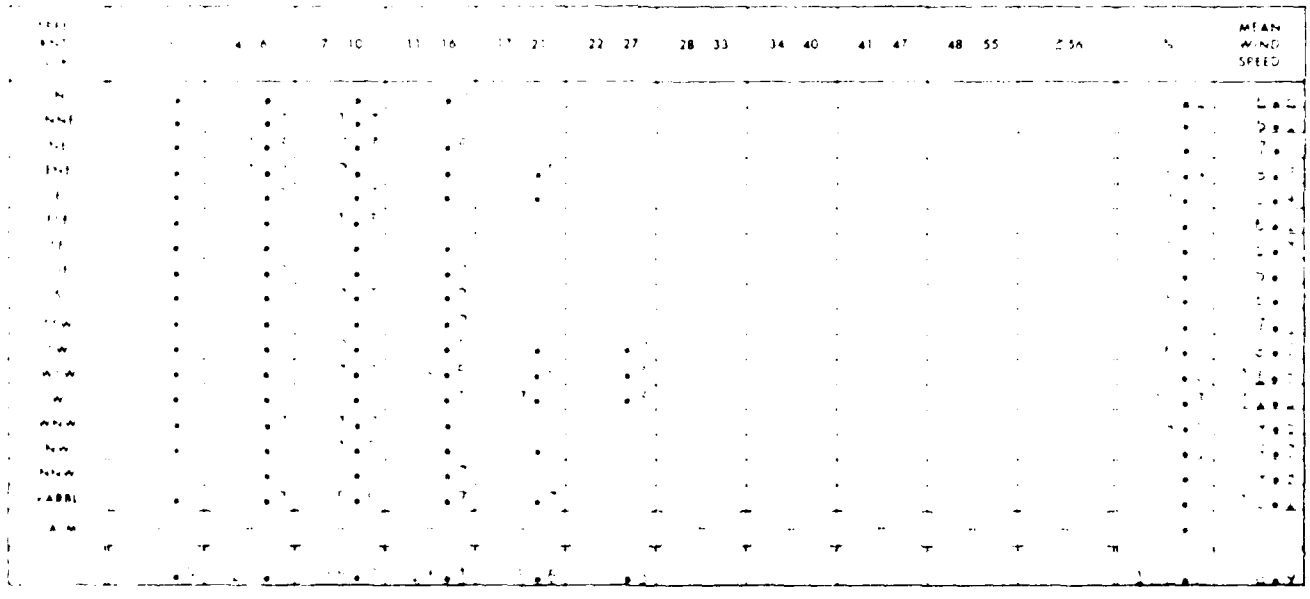
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)



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 _____

ALL WEATHER
CLASS

HOURS _____

DIRECTION	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	TOTAL	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)

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 _____ MAR MONTH _____

ALL _____ CLASS _____ HOURS (L.S.T.) 0200

CONDITION

WIND DIR.	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 4

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH APR

ALL WEATHER CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

WIND DIR.	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

ALL CLASSES | HOURS L.S.T.

CONDITION

WIND DIRECTION	4	7	10	16	21	27	33	40	47	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)

WIND DIRECTION	WIND 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)

SPEED (KNOTS) DIR	1	4	7	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 [illegible] STATION NAME [illegible] YEARS APR MONTH

ALL WEATHER CLASS [illegible] HOURS (L.S.T.)

CONDITION

WIND DIR.	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	[illegible]											[illegible]	[illegible]
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

SPEED (KNOTS) / DIR	1	4	7	11	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)

DIRECTION	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 MAY

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 ... MAY MONTH

CLASS ... HOURS (L.S.T.)

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	•	•	•	•								•	3.0
NNE	•	•	•	•								•	4.0
NE	•	•	•	•								•	5.2
ENE	•	•	•	•								•	6.5
E	•	•	•	•								•	5.2
ESE	•	•	•	•								•	5.3
SE	•	•	•									•	4.7
SSE	•	•	•									•	3.3
S	•	•	•									•	3.2
SSW	•	•	•									•	4.3
SW	•	•	•									•	4.3
WSW	•	•	•	•								•	4.6
W	•	•	•	•	•							•	7.2
WNW	•	•	•	•								•	5.7
NW	•	•	•	•								•	6.5
NNW	•	•	•	•								•	5.9
VARBL	—	•	—	—	—	—	—	—	—	—	—	•	9.4
CALM												•	
		•	•	•	•							•	4.7

TOTAL NUMBER OF OBSERVATIONS ...

SURFACE WINDS

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

STATION _____ STATE OR ISLAND _____ YEARS _____ MONTH MAY

ALL WEATHER
CLASS

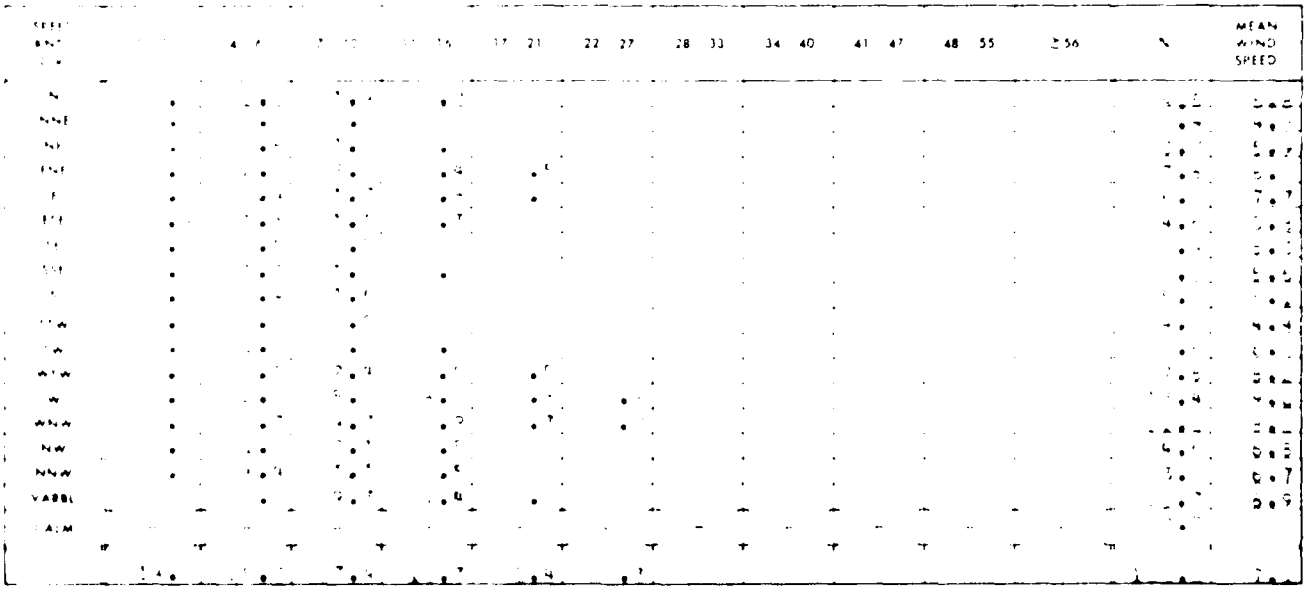
HOURS (L.S.T.) _____

WIND DIRECTION (TRUE)	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)



TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION [illegible] STATION NAME [illegible] YEARS MAY MONTH

ALL WEATHER CLASS HOURS [illegible]

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	•	•	•	•								[illegible]	[illegible]
NNE	•	•	•									[illegible]	[illegible]
NE	•	•	•	•								[illegible]	[illegible]
ENE	•	•	•	•	•	•						[illegible]	[illegible]
E	•	•	•	•	•							[illegible]	[illegible]
ESE	•	•	•									[illegible]	[illegible]
SE	•	•	•	•								[illegible]	[illegible]
SSE	•	•	•	•								[illegible]	[illegible]
S	•	•	•									[illegible]	[illegible]
SSW	•	•	•									[illegible]	[illegible]
SW	•	•	•	•	•							[illegible]	[illegible]
WSW		•	•	•								[illegible]	[illegible]
W	•	•	•	•	•							[illegible]	[illegible]
WNW	•	•	•	•	•	•						[illegible]	[illegible]
NW	•	•	•	•								[illegible]	[illegible]
NNW	•	•	•	•								[illegible]	[illegible]
VARBL	—	•	•	•	—	—	—	—	—	—	—	[illegible]	[illegible]
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

SURFACE WINDS

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

STATION [illegible] STATION NAME

YEARS

MONTH MAY

CLASS ALL WEATHER

HOURS (LST)

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 _____ MAY MONTH

ALL WEATHER 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	TOTAL	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)

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.) _____

WIND DIR. (TRUE BRGS. IN TENS OF DEGREES)	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 [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

ALL WEATHER
CLASS

CONDITION

HOURS (L.S.T.)

DIRECTION	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

ALL WEATHER
CLASS

HOURS (L.S.T.)

WIND DIR.	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 [illegible] 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

ALL WEATHER

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.) _____

WIND 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

YEARS

MONTH

ALL WEATHER
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 Jul

ALL WEATHER CLASS

CONDITION

HOURS (L.S.T.) _____

WIND 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.) _____

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													
CARM													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (EST) _____

CONDITION

KNOTS	1	4	7	11	17	22	28	34	41	48	≥56	%	MEAN WIND SPEED
	1	4	7	11	17	22	28	34	41	48	≥56		
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 _____ HOURS _____

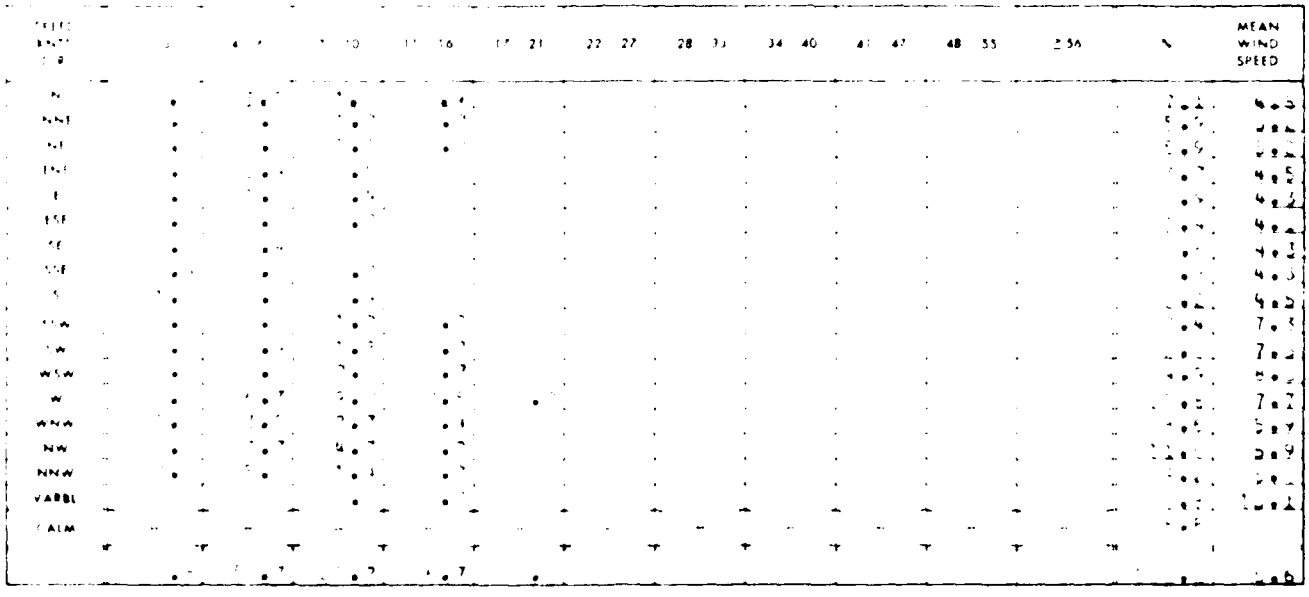
CLASS _____ HOURS (L.S.T.) _____

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)



TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS

CONDITION 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 [illegible] STATION NAME [illegible] YEARS [illegible] MONTH AUG

ALL WEATHER CLASS

HOURS (L.S.T.) [illegible]

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	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
NNE	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
NE	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
ENE	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
E	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
ESE	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
SE	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
SSE	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
S	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
SSW	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
SW	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
WSW	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
W	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
WNW	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
NW	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
NNW	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
VARBL	—	—	—	—	—	—	—	—	—	—	—	—	
CALM												•	
%	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

272

[illegible]

SURFACE WINDS

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

STATION [illegible] STATION NAME

YEARS

MONTH

CLASS

CONDITION

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													
AIM													

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH AUG

ALL WEATHER CLASS

HOURS (L.S.T.) 0300-1200

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												1.4	5.3
NNE												1.4	5.2
NE												0.6	4.5
ENE												0.5	5.2
E												1.3	7.5
ESE												1.3	5.1
SE												0.4	4.2
SSE												1.6	4.5
S												0.4	4.2
SSW												0.4	4.5
SW												0.7	5.6
WSW												0.7	5.1
W												2.3	7.6
WNW												0.5	5.7
NW												0.1	5.2
NNW												0.7	5.2
VARBL												0.1	3.1
CALM												0	

TOTAL NUMBER OF OBSERVATIONS 552

SURFACE WINDS

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

STATION ... STATION NAME ... YEARS ... MONTH

ALL WEATHER
CLASS

CONDITION

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 (L.S.T.)

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 74-83 MONTH _____

CLASS ALL STATIONS HOURS (L S T)

SPEED (KNOTS) 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 542

SURFACE WINDS

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

STATION [illegible] STATION NAME

YEARS

MONTH

CLASS

HOURS (L.S.T.)

CORRECTION

WIND DIR	SPEED KNOTS (I.B.	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 [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

ALL WEATHER
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 _____

ALL WEATHER
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 [illegible] STATION NAME [illegible] YEARS SEP MONTH

ALL WEATHER CLASS [illegible] HOURS (LST)

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	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
NNE	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
NE	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
ENE	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
E	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
ESE	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
SE	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
SSE	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
S	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
SSW	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
SW	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
WSW	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
W	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
WNW	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
NW	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
NNW	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
VARBL	•	•	•	•	•	•	•	•	•	•	•	[illegible]	[illegible]
CALM	•	•	•	•	•	•	•	•	•	•	•	[illegible]	

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

SURFACE WINDS

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

STATION

STATION NAME

YEARS

MONTH

CLASS

CONDITION

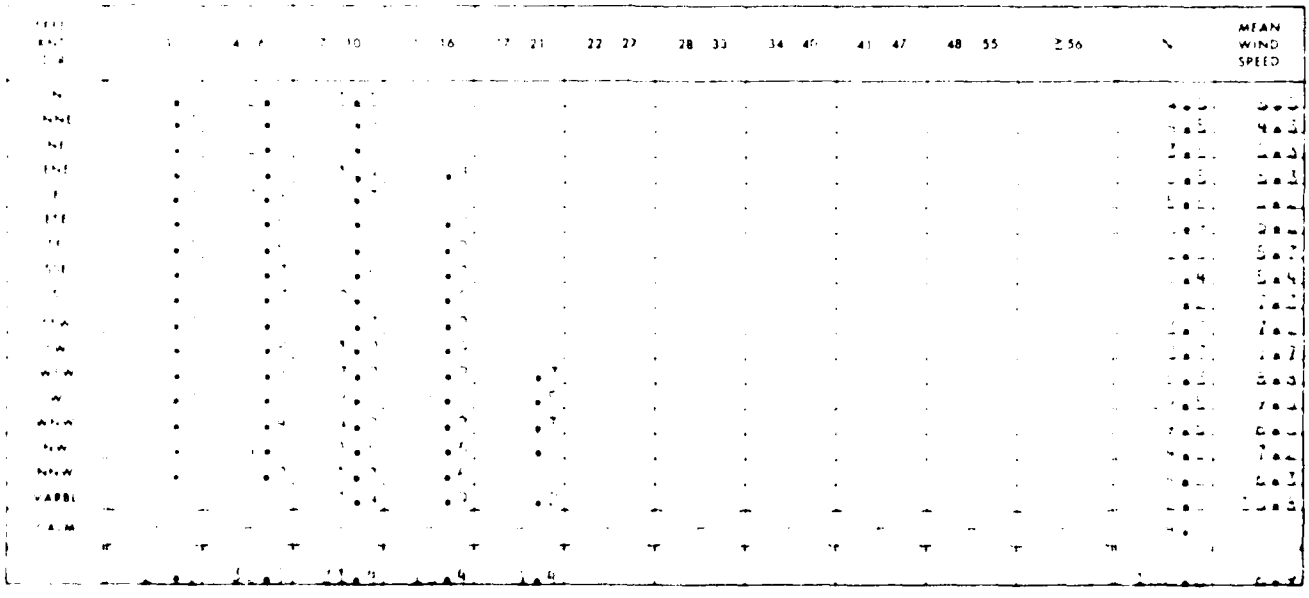
HOURS (LST)

SPEED (KNOTS) / DIR	1	4	7	11	17	22	28	34	41	48	≥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)



TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

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)

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)

[illegible] ANDREWS AFB, MARYLAND 74-75,77-80 YEARS OCT MONTH

ALL WEATHER CLASS

[illegible] 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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VARBL	—	—	—	—	—	—	—	—	—	—	—	[illegible]	
CALM	—	—	—	—	—	—	—	—	—	—	—	[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]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SURFACE WINDS

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

STATION [illegible] GERMANY STATION NAME

YEARS

ALL WEATHER CLASS

CONDITION

GCT SOUTH

HOURS LST

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

GMT HOURS

CLASS

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.) _____

WIND DIR.	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 _____

ALL WEATHER 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 OCT

ALL WEATHER
CLASS

HOURS (L.S.T.) _____

COMPUTER

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 [illegible] AMBEACH AFB [illegible] STATION NAME

[illegible] YEARS

OCT MONTH

ALL [illegible] CLASS

[illegible]-2300 HOURS (LST)

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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VARBL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CALM	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
%	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
	24.2	5.5	29.4	4.9	.4								5.0

TOTAL NUMBER OF OBSERVATIONS 223

[illegible]

SURFACE WINDS

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

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 ... HOURS ... DAY ... CLASS ... OBSERVER

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 [illegible] STATION NUMBER [illegible] YEARS [illegible] MONTH [illegible]

ALL WEATHER
CLASS

HOURS [illegible]

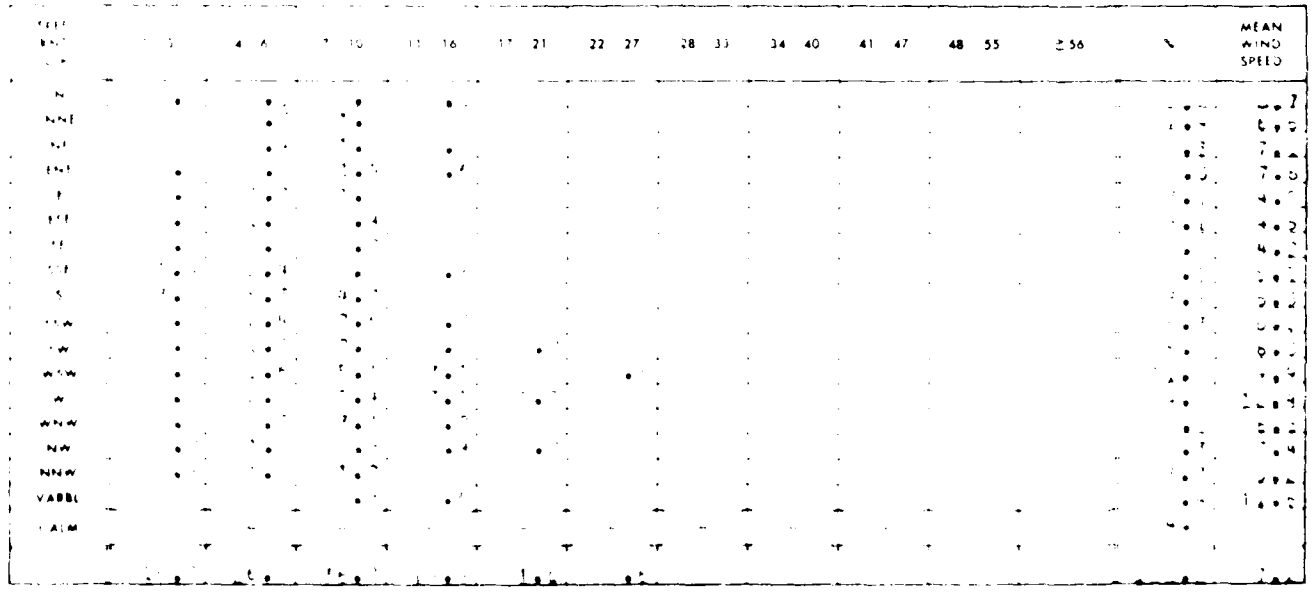
SPEED (KNOTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	[illegible]											[illegible]	[illegible]
NNE												[illegible]	[illegible]
NE												[illegible]	[illegible]
ENE												[illegible]	[illegible]
E												[illegible]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

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

SURFACE WINDS

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

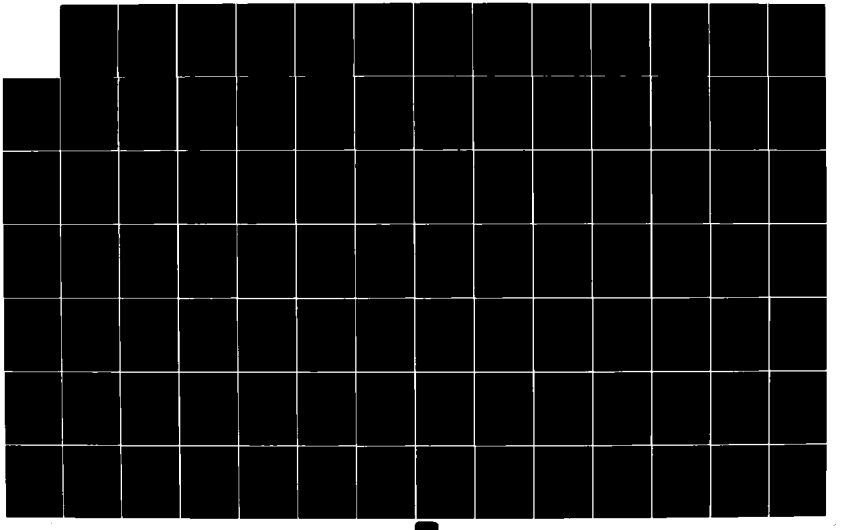


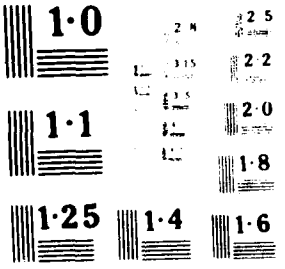
TOTAL NUMBER OF OBSERVATIONS

AD A147 205 ANSBACK AHP GERMANY LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCS)(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. SEP 84

2/4

UNCLASSIFIED USAFETAC/DS-84/030 SBI-AD-E850 754 F/G 4/2 NL




1·0
1·1
1·25
1·4
1·6
2·2
2·0
1·8

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTHS _____

CLASS _____

CONDITION _____

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 ____

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)

ALL WEATHER

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 ALL WEATHER

CONDITION

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 [illegible] STATION NAME [illegible] YEARS DEC MONTH

ALL WEATHER CLASS [illegible] HOURS (LST)

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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VARBL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CALM	[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]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 597

[illegible]

SURFACE WINDS

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

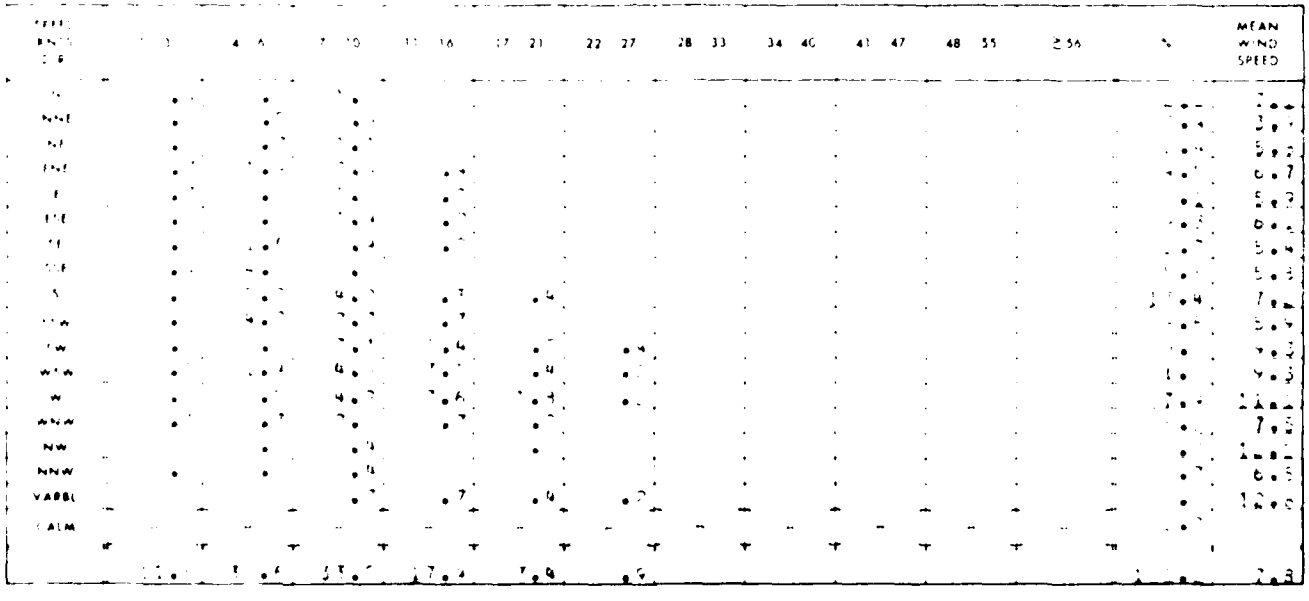
ALL WEATHER

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)



TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

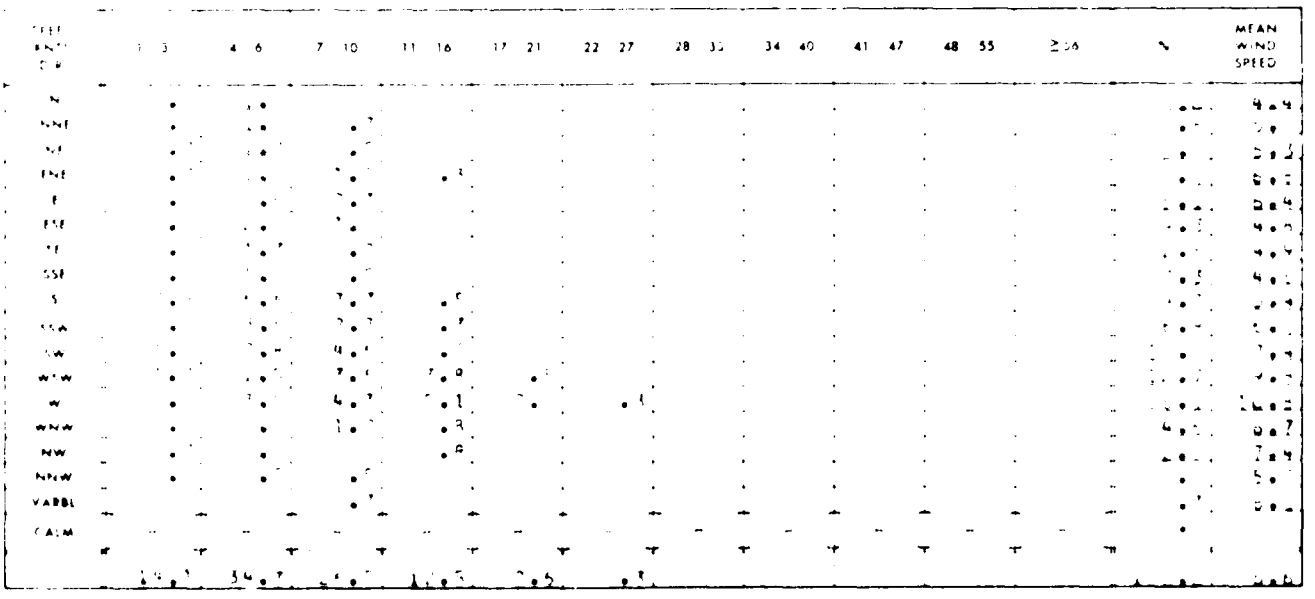
ALL CLASS _____ HOURS (LST) _____

WIND DIR.	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

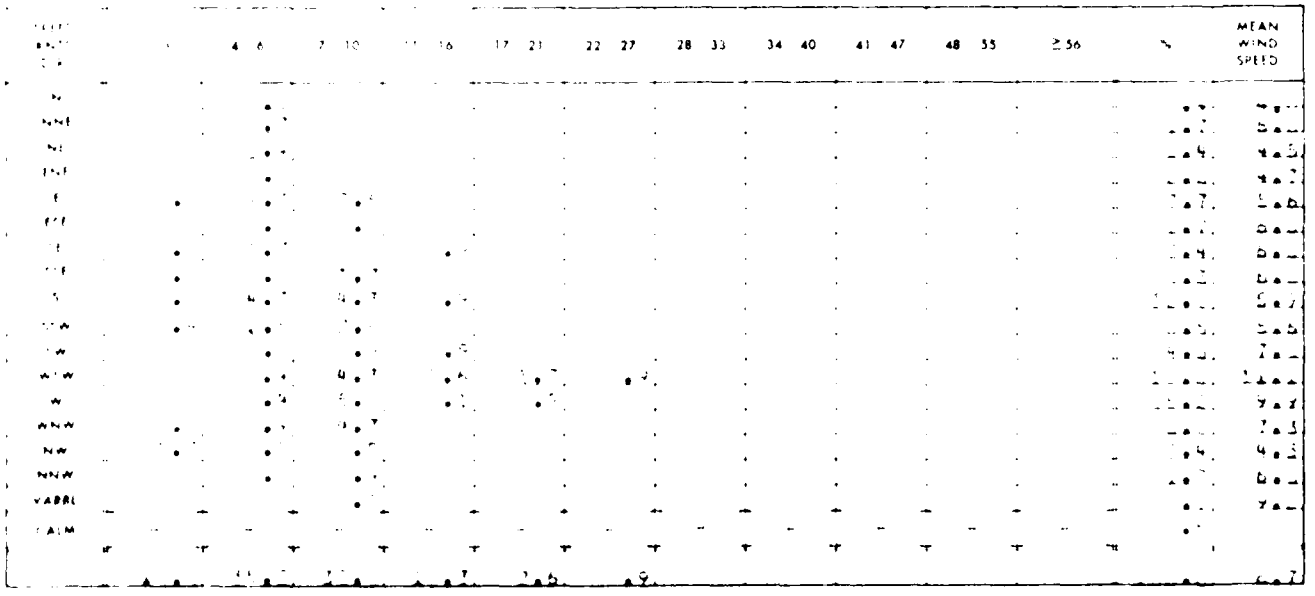
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)



TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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



TOTAL NUMBER OF OBSERVATIONS

OPERATING LOCATION "A"
"CAFETA", ASHEVILLE NC

CEILING VERSUS VISIBILITY

PART 3

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to eq . . or greater than 20,000 feet and as a separate class "no ceiling," versus visibility in 16 classes fr zero to equal to or greater than 10 miles. Data are derived from hourly observations, and the tables are presented by month and available 3-hour groups.

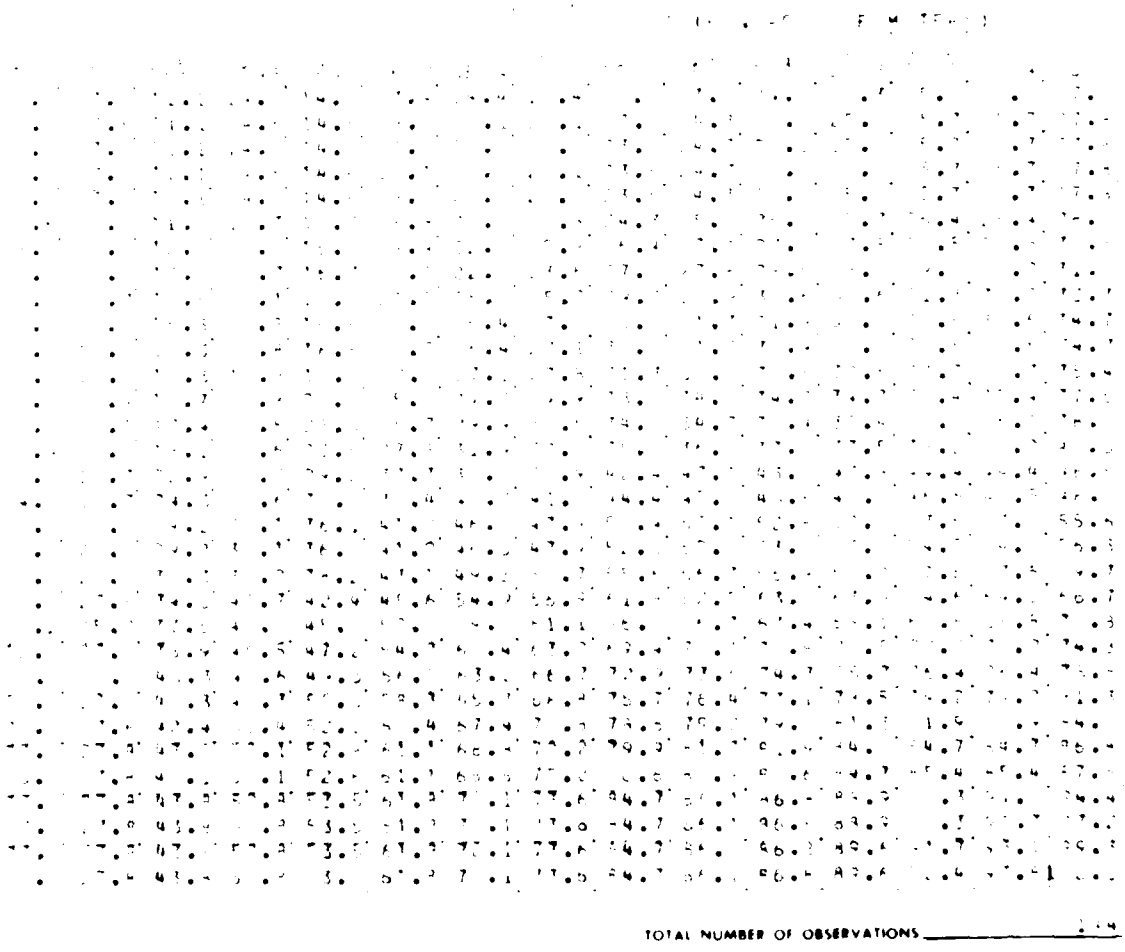
3

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 mi 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 foot ceiling class.

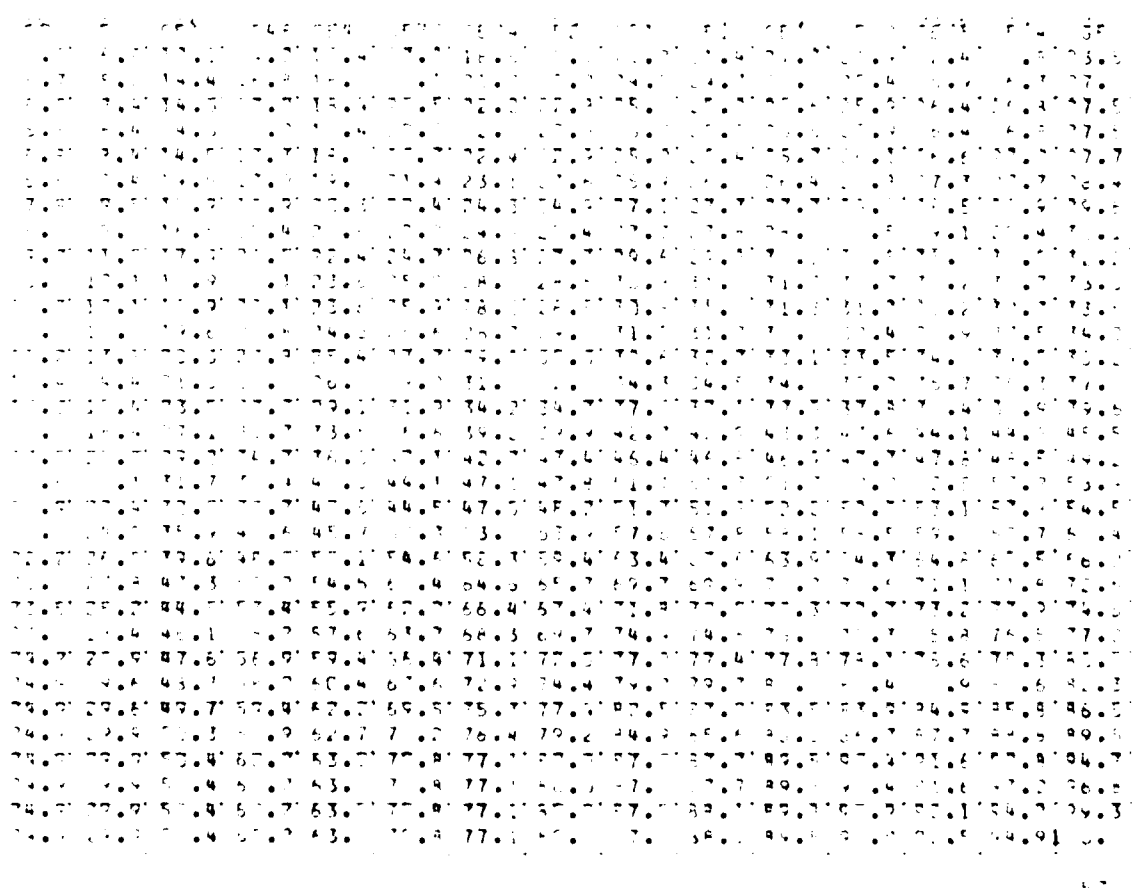
CEILING VERSUS VISIBILITY



TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

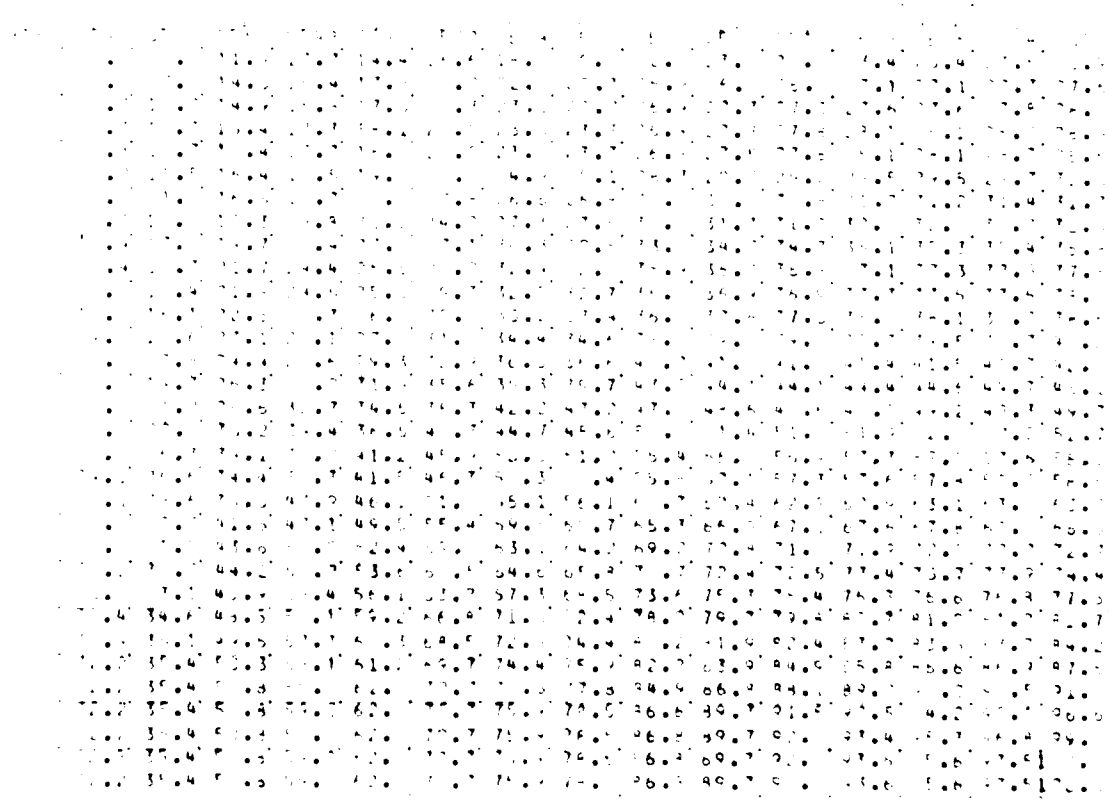
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS _____

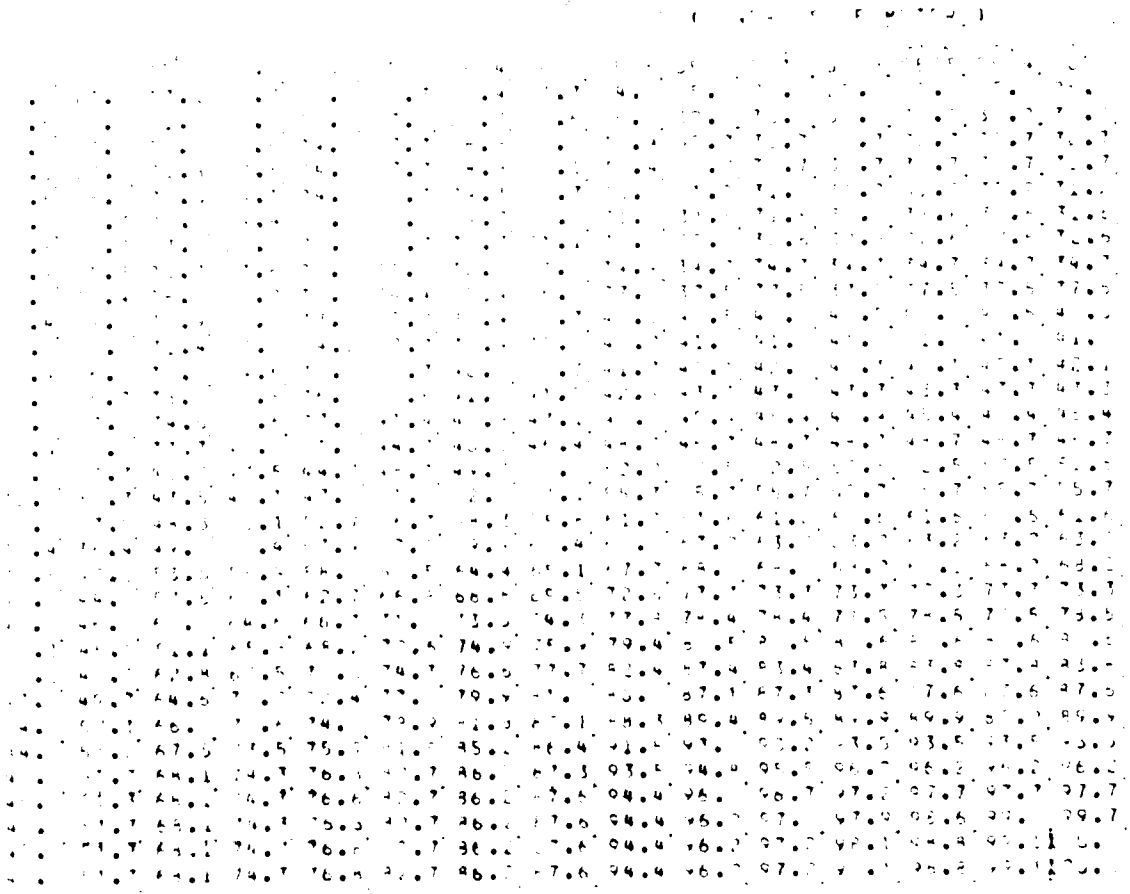
CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM [illegible] OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS _____

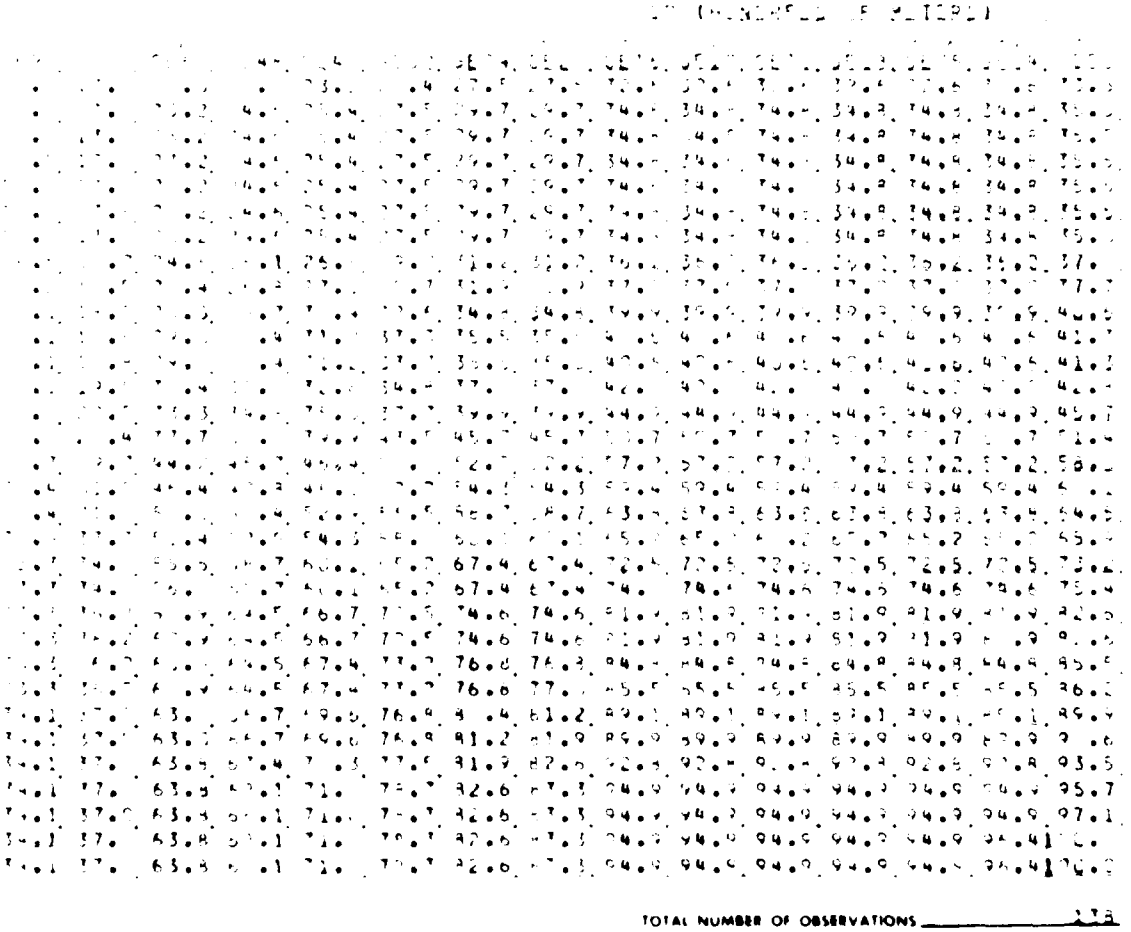
CEILING VERSUS VISIBILITY

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

(HUNDREDS OF METERS)

TOTAL NUMBER OF OBSERVATIONS

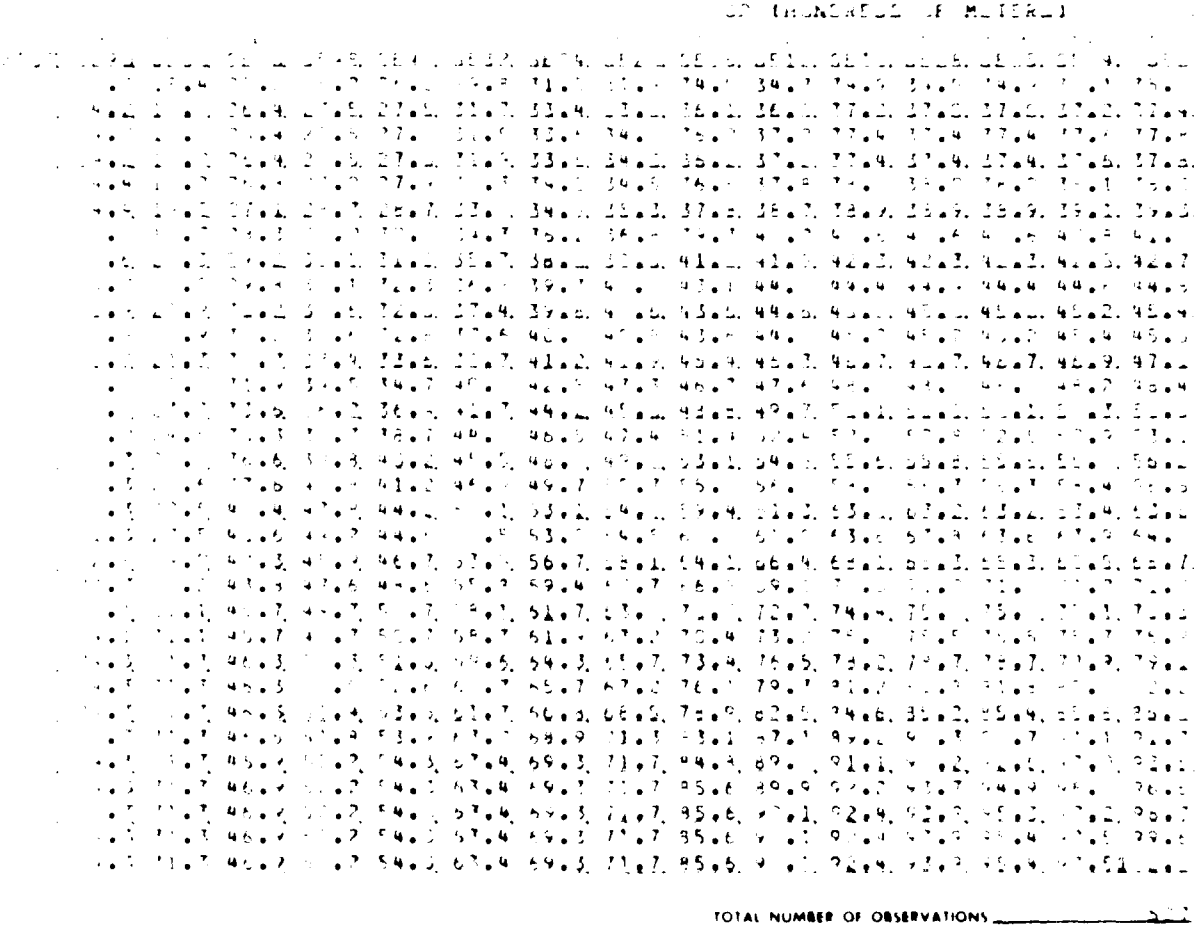
CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

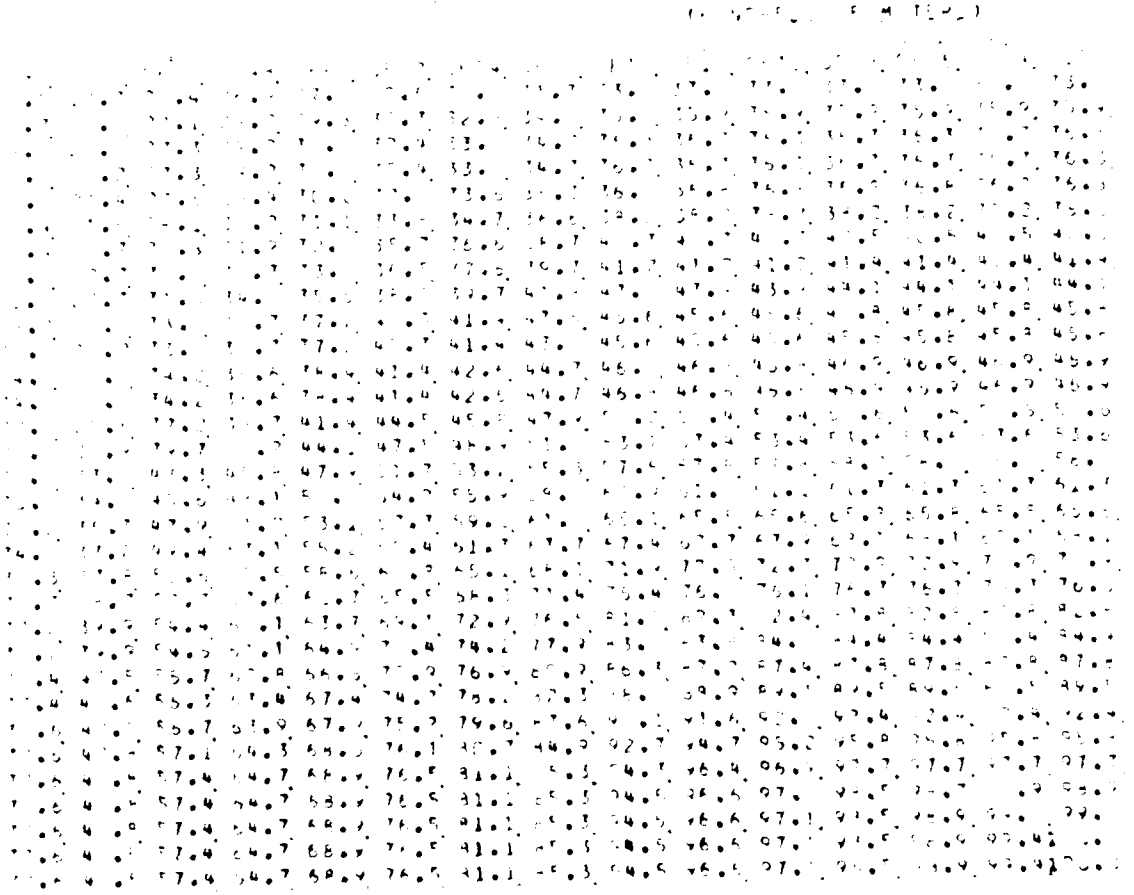
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



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

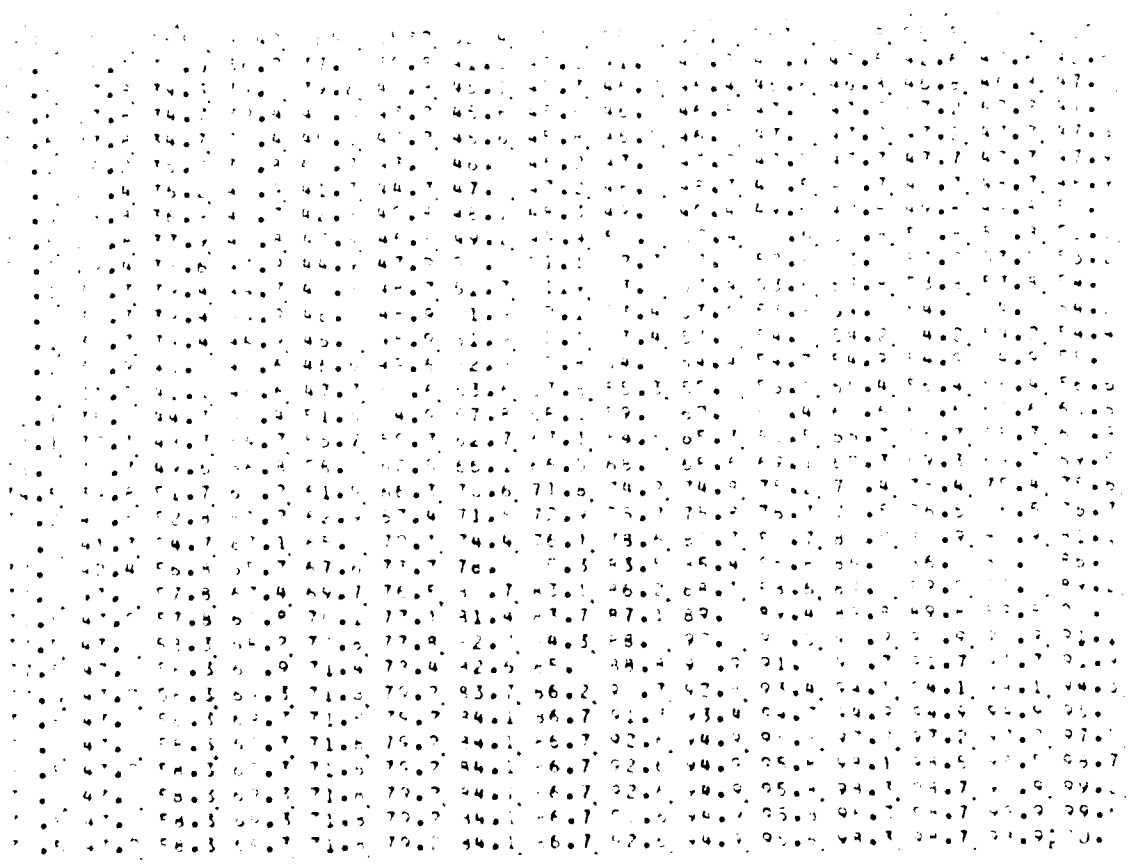
(IN HUNDREDS OF METERS)

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.6	69.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	69.7	[illegible]	76.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.7	81.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	46.4	[illegible]	[illegible]	[illegible]	79.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.9	97.9	97.9
[illegible]	46.4	64.9	[illegible]	[illegible]	79.5	83.7	87.3	[illegible]	97.7	[illegible]	[illegible]	99.2	[illegible]	[illegible]
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[illegible]	46.4	64.9	[illegible]	[illegible]	79.5	83.7	87.3	[illegible]	97.7	[illegible]	[illegible]	99.6	[illegible]	[illegible]
[illegible]	46.4	64.9	[illegible]	[illegible]	[illegible]	83.7	87.3	[illegible]	97.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS

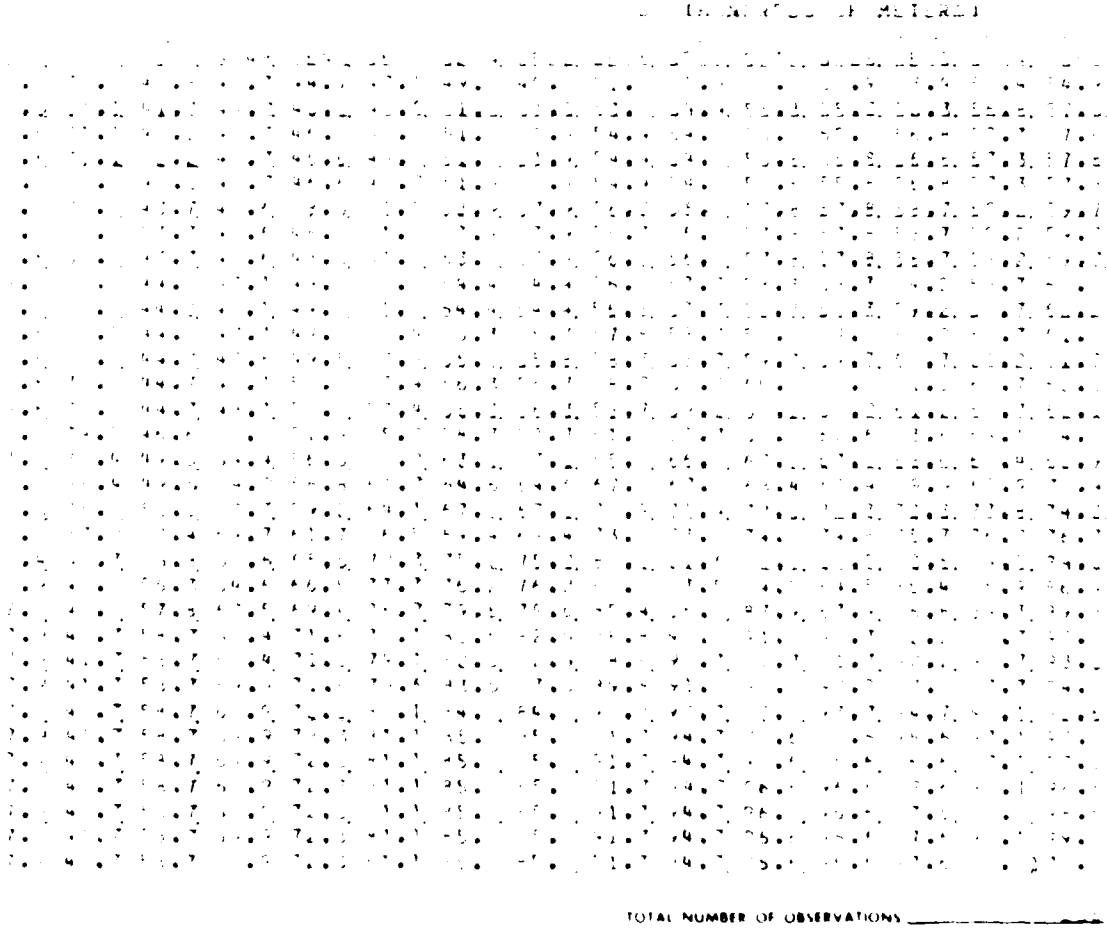
CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

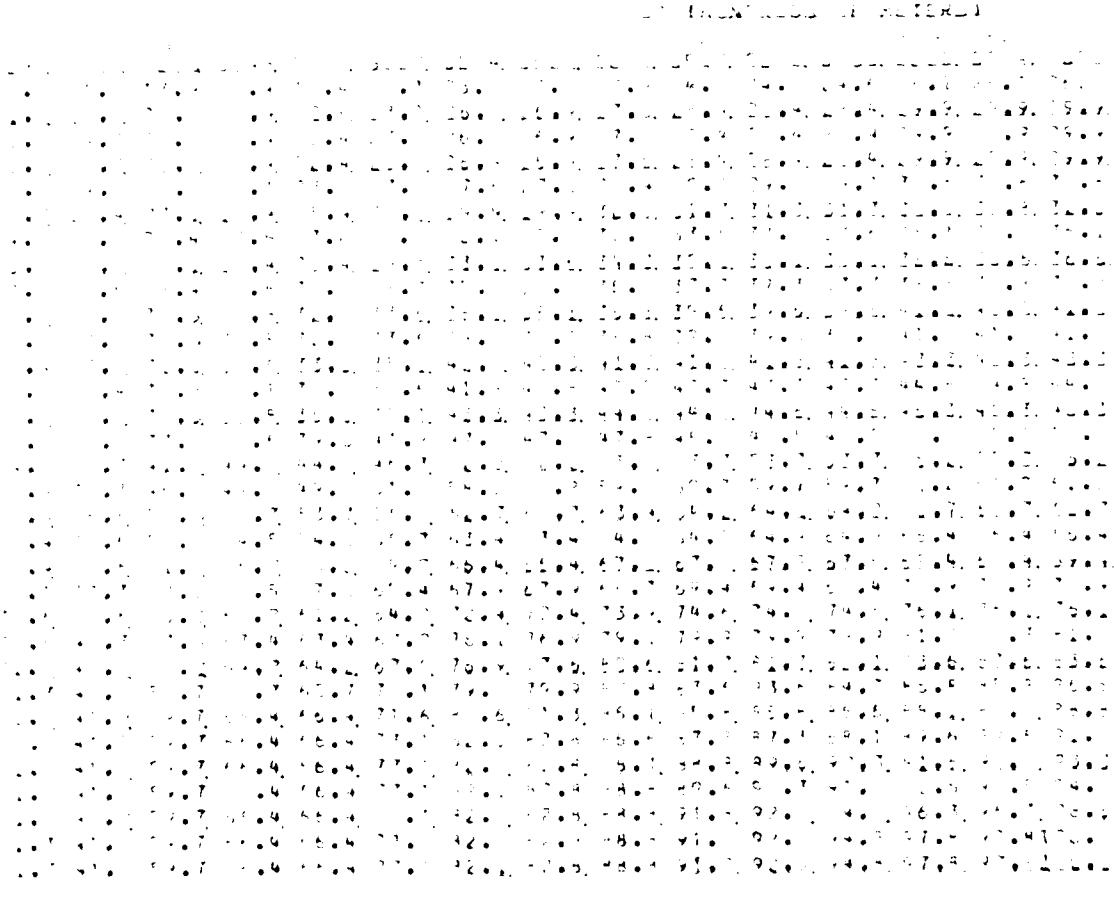
CEILING VERSUS VISIBILITY



TOTAL NUMBER OF OBSERVATIONS _____

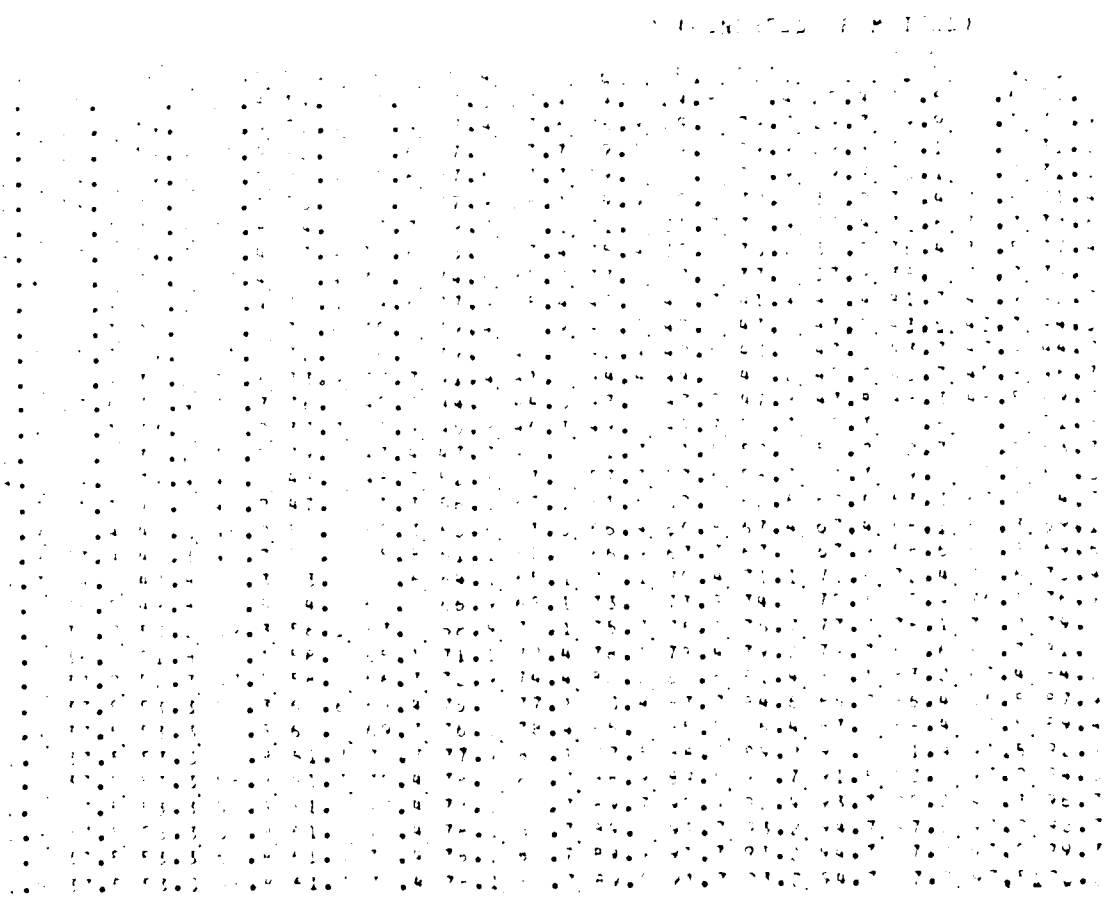
CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



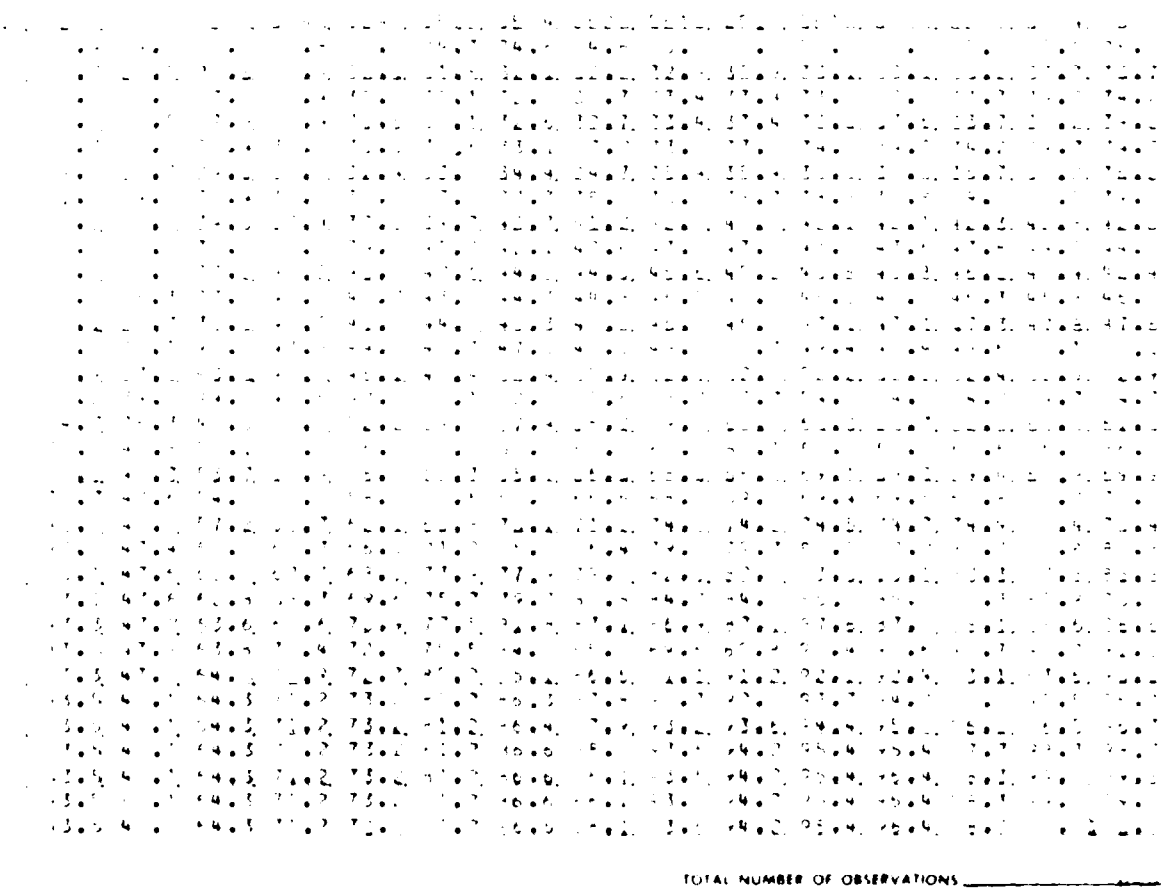
TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY



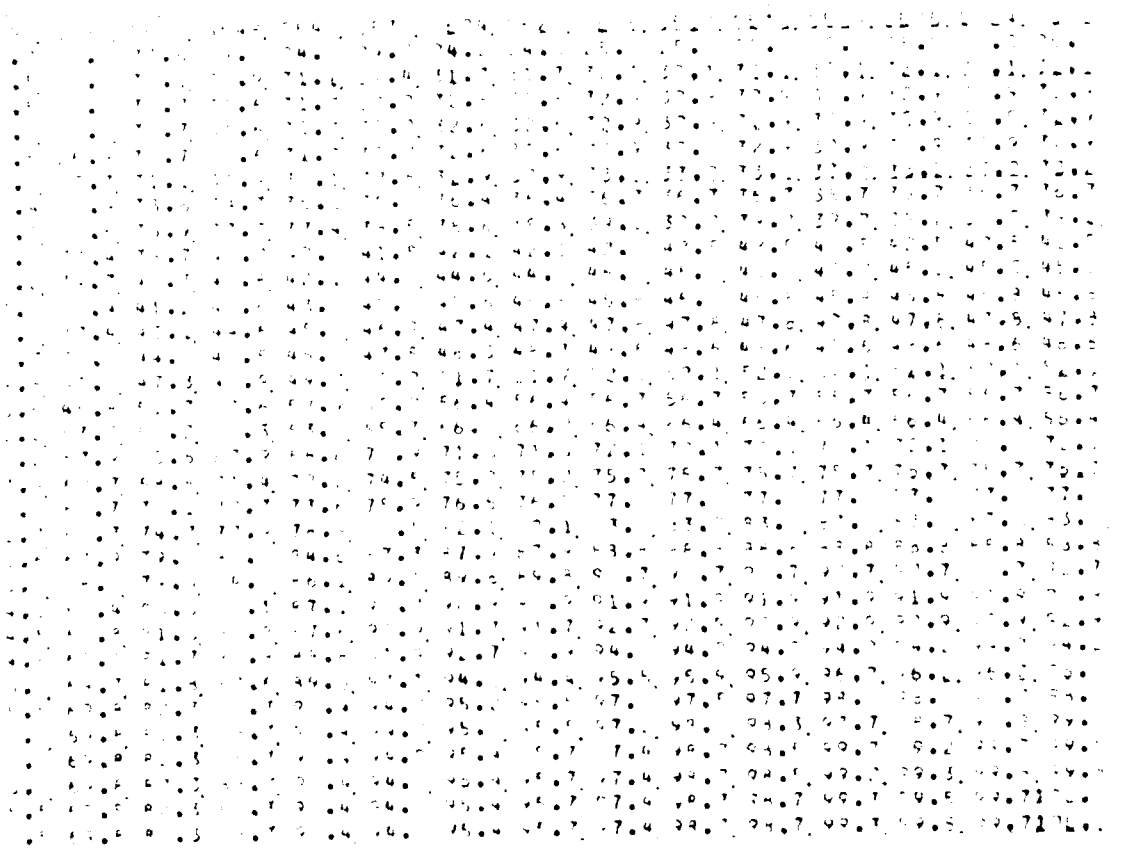
TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY



TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY



TOTAL NUMBER OF OBSERVATIONS _____

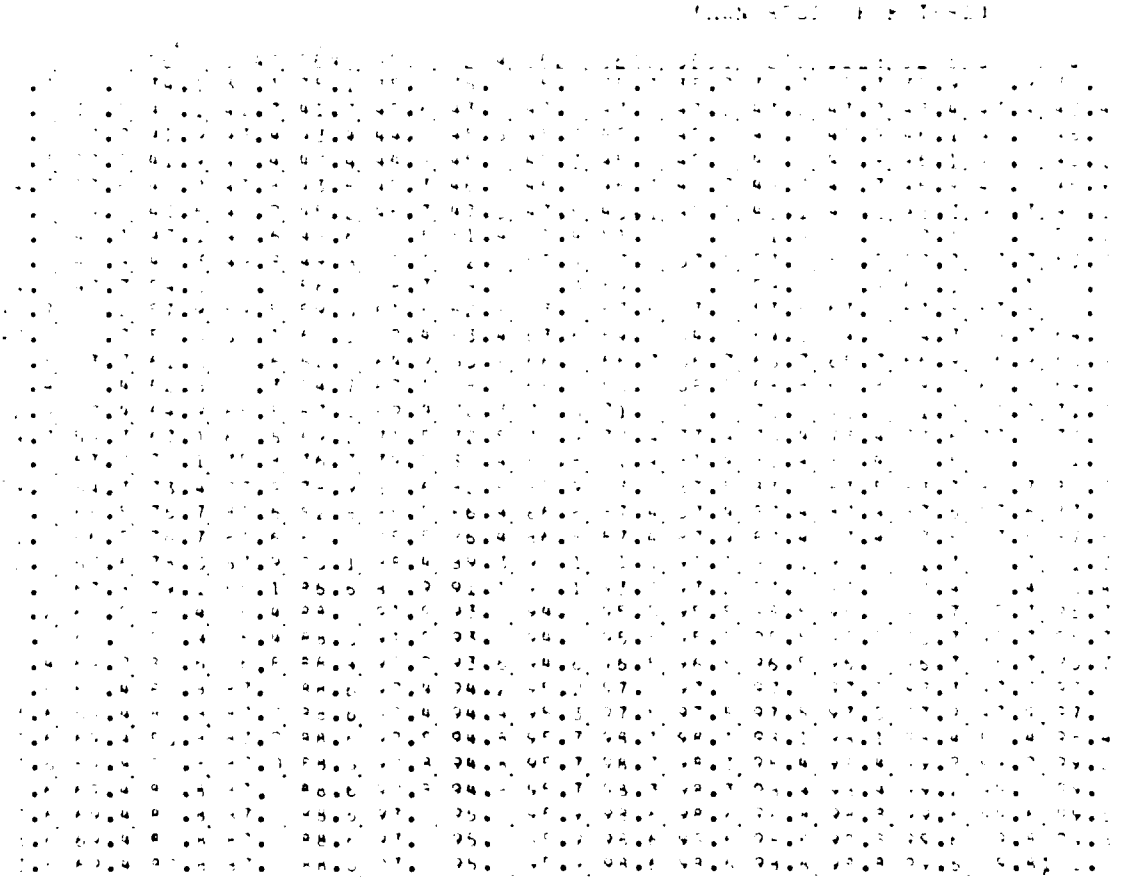
CEILING VERSUS VISIBILITY

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 _____

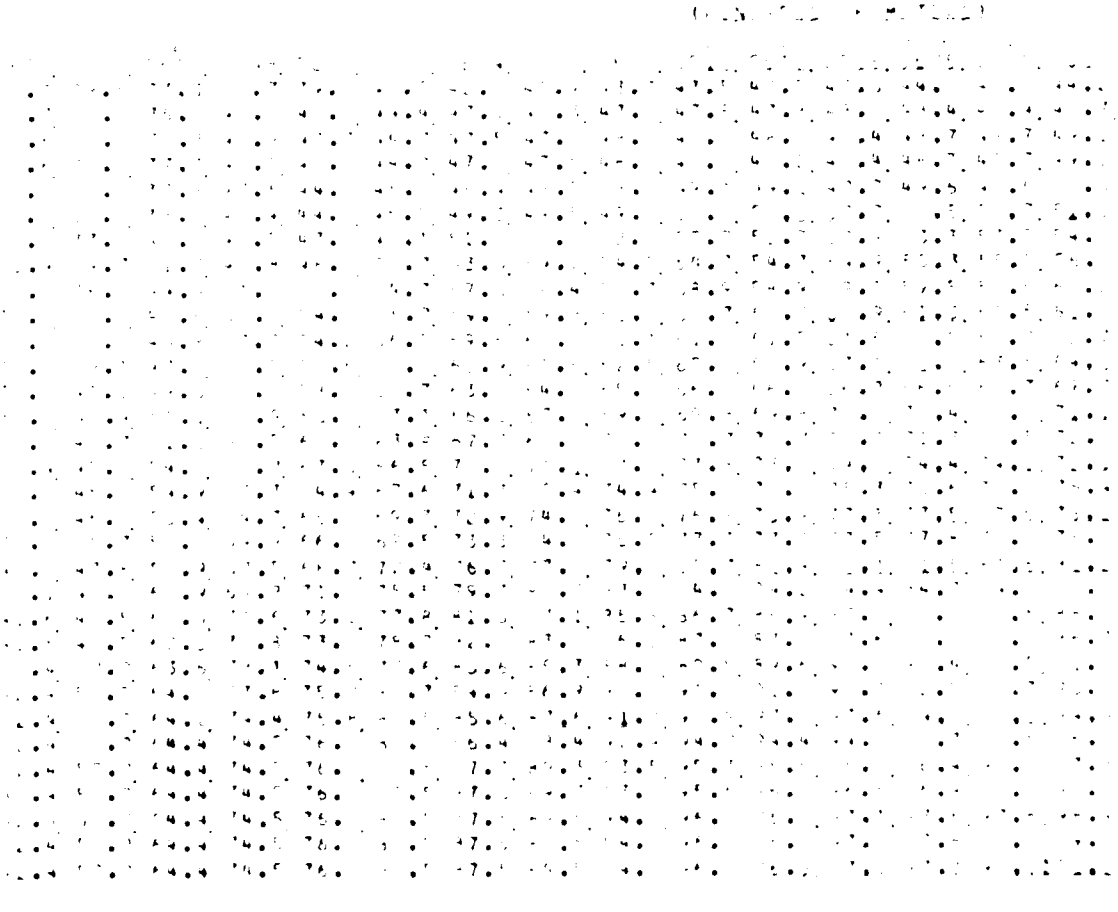
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PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

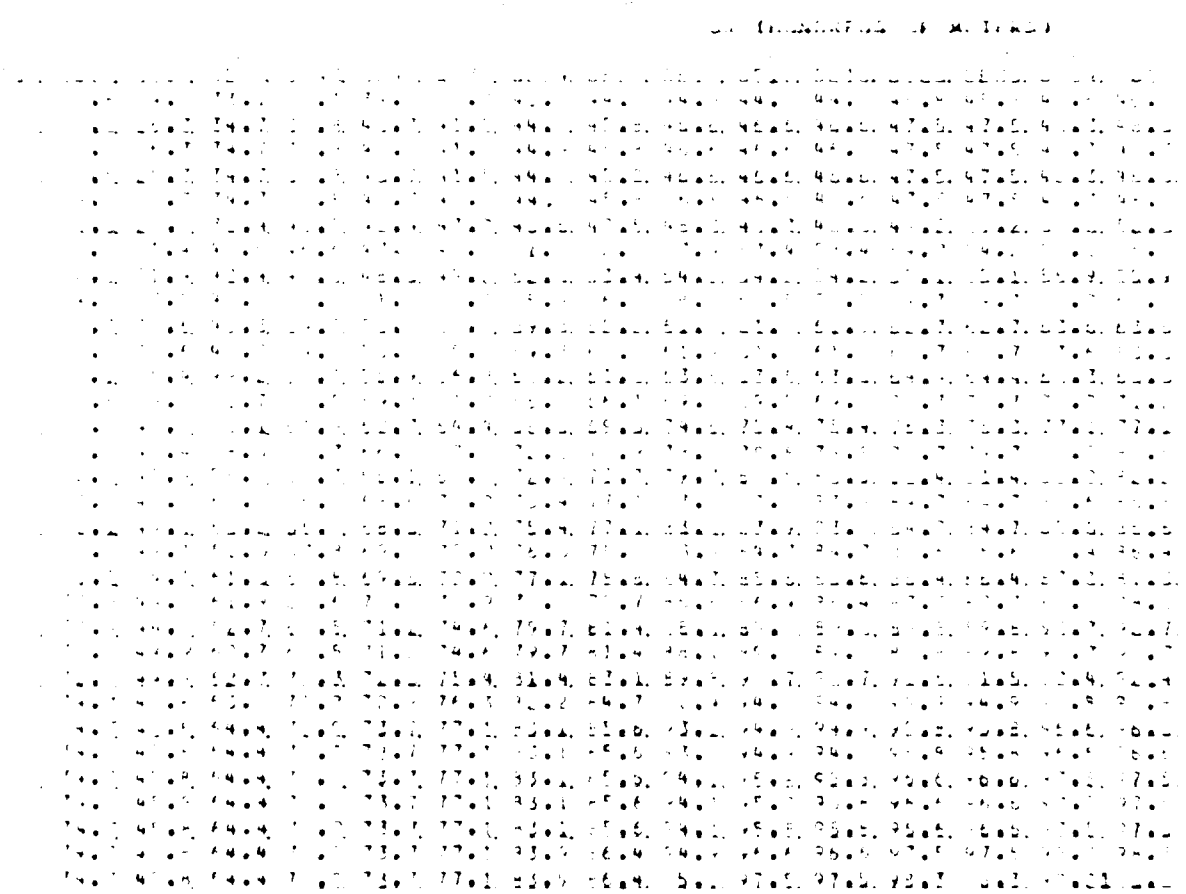
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM [illegible] OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS _____

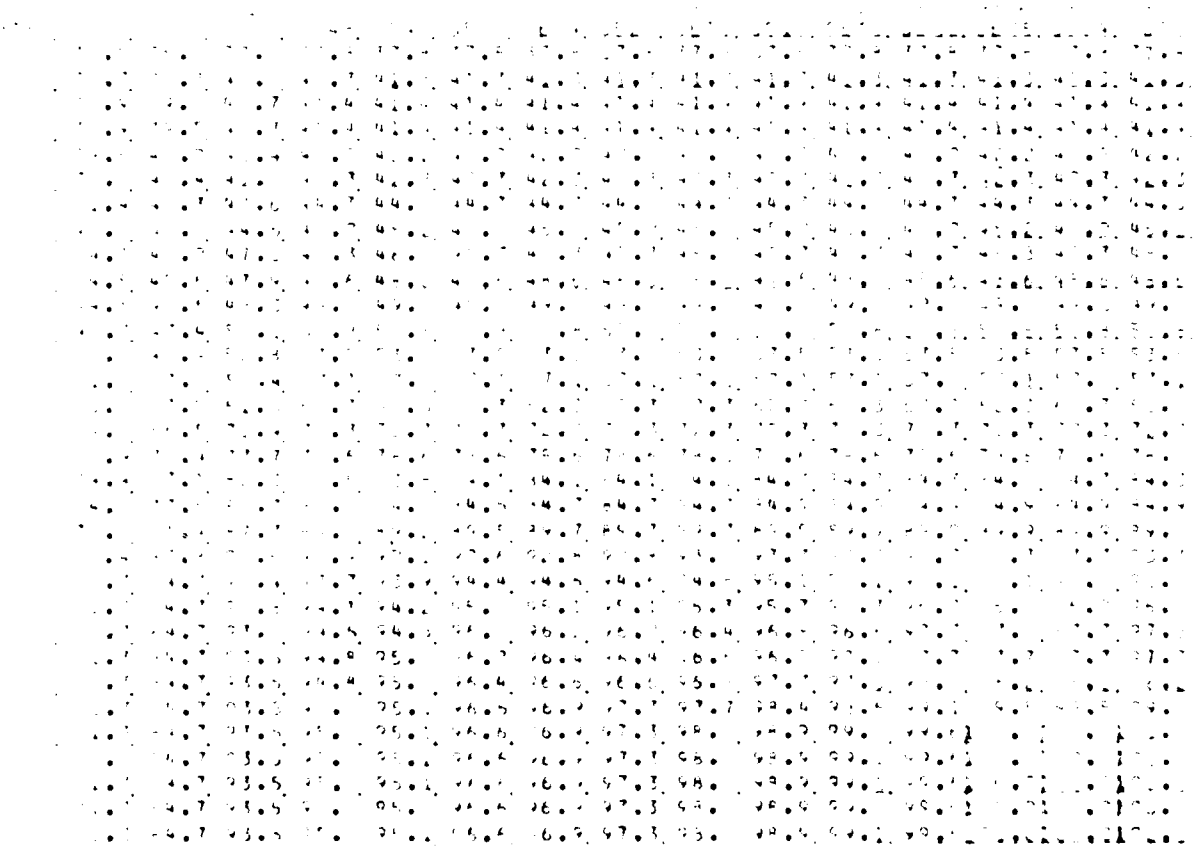
CEILING VERSUS VISIBILITY

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 _____

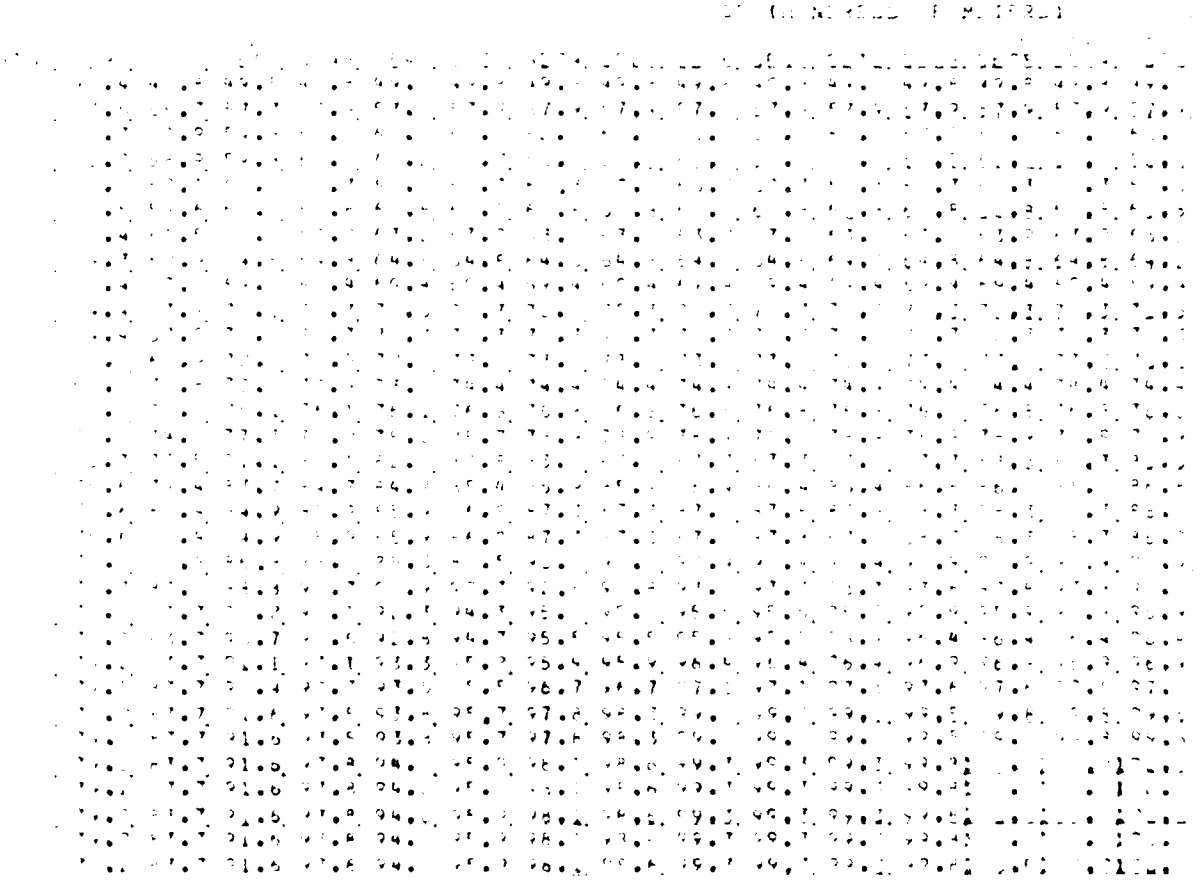
CEILING VERSUS VISIBILITY

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 [illegible] OBSERVATIONS

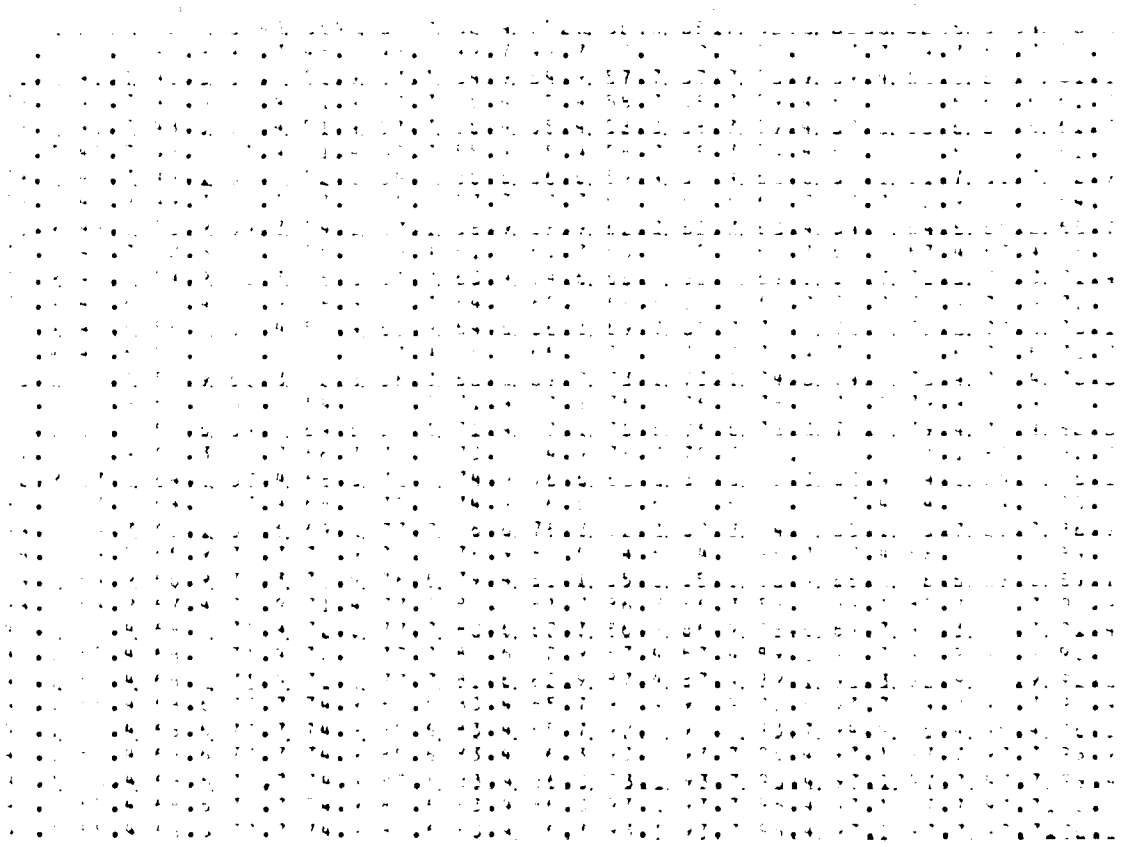
(Ceiling in Hundreds of Feet)

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

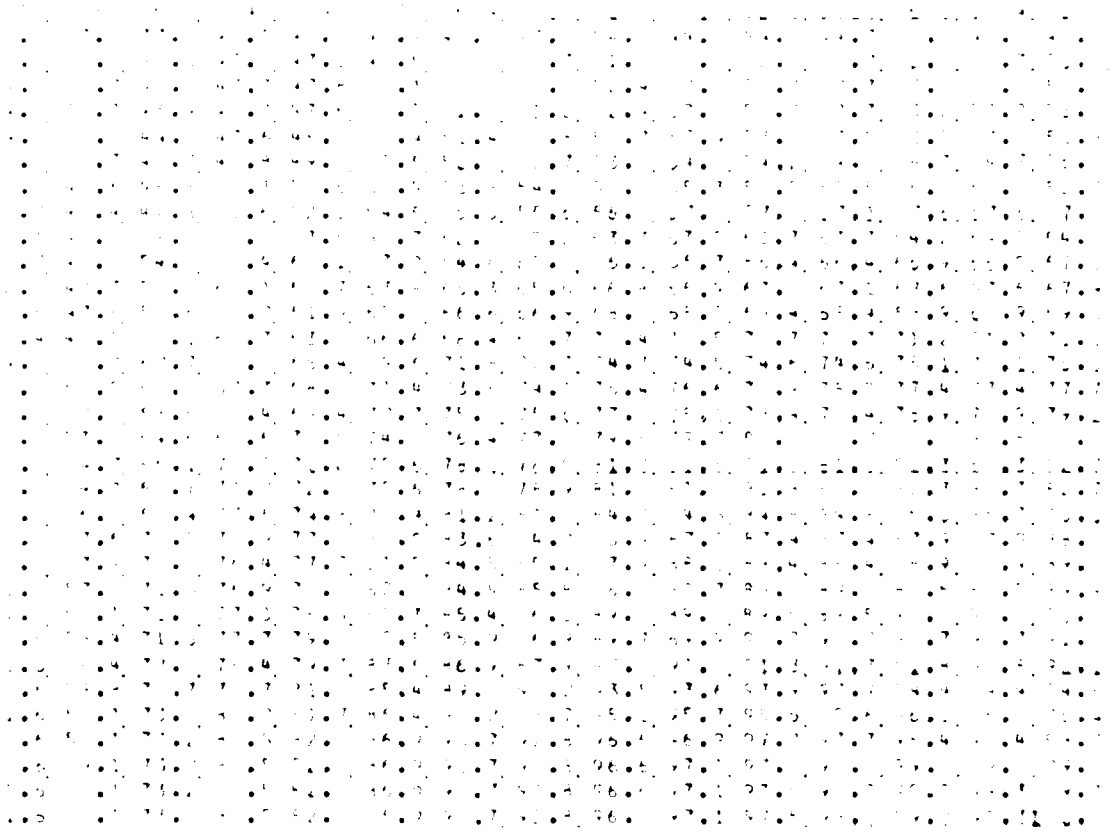
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM [illegible] OBSERVATIONS

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TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY



TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

MAY

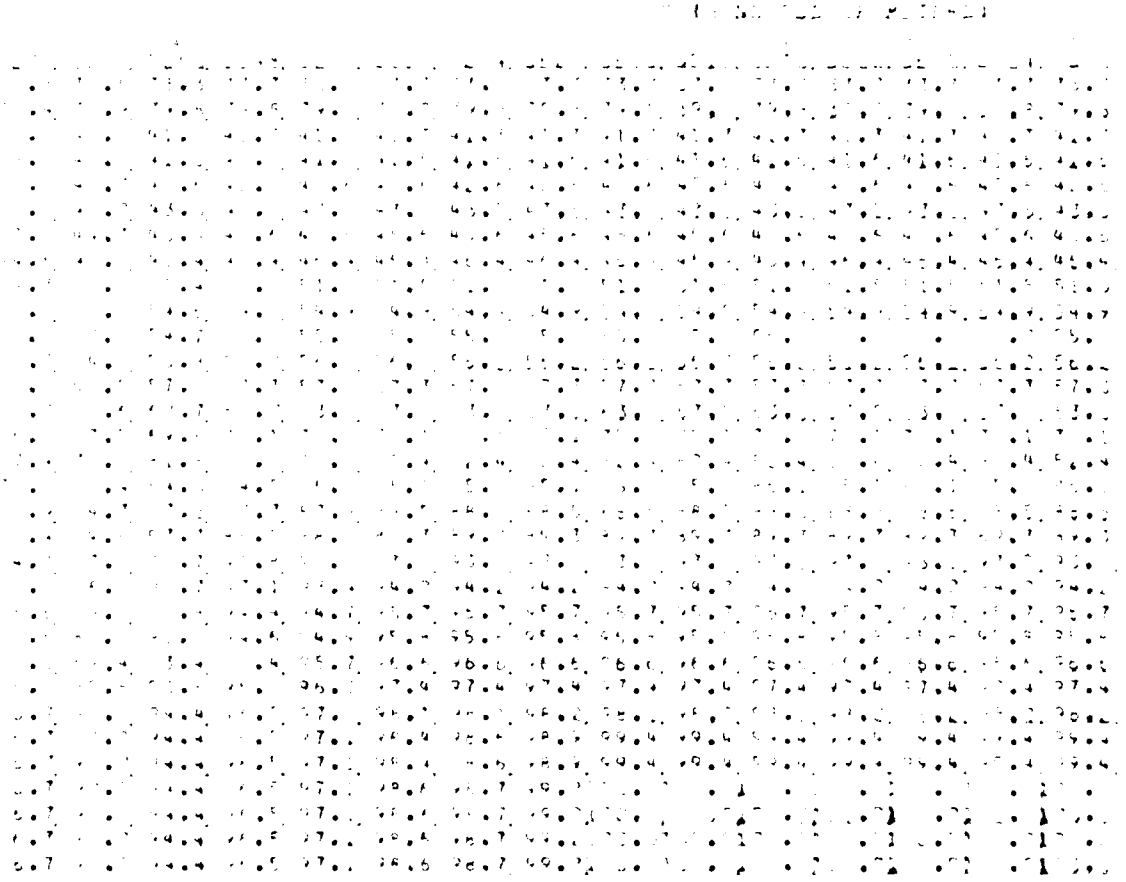
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

(HUNDREDS OF METERS)

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

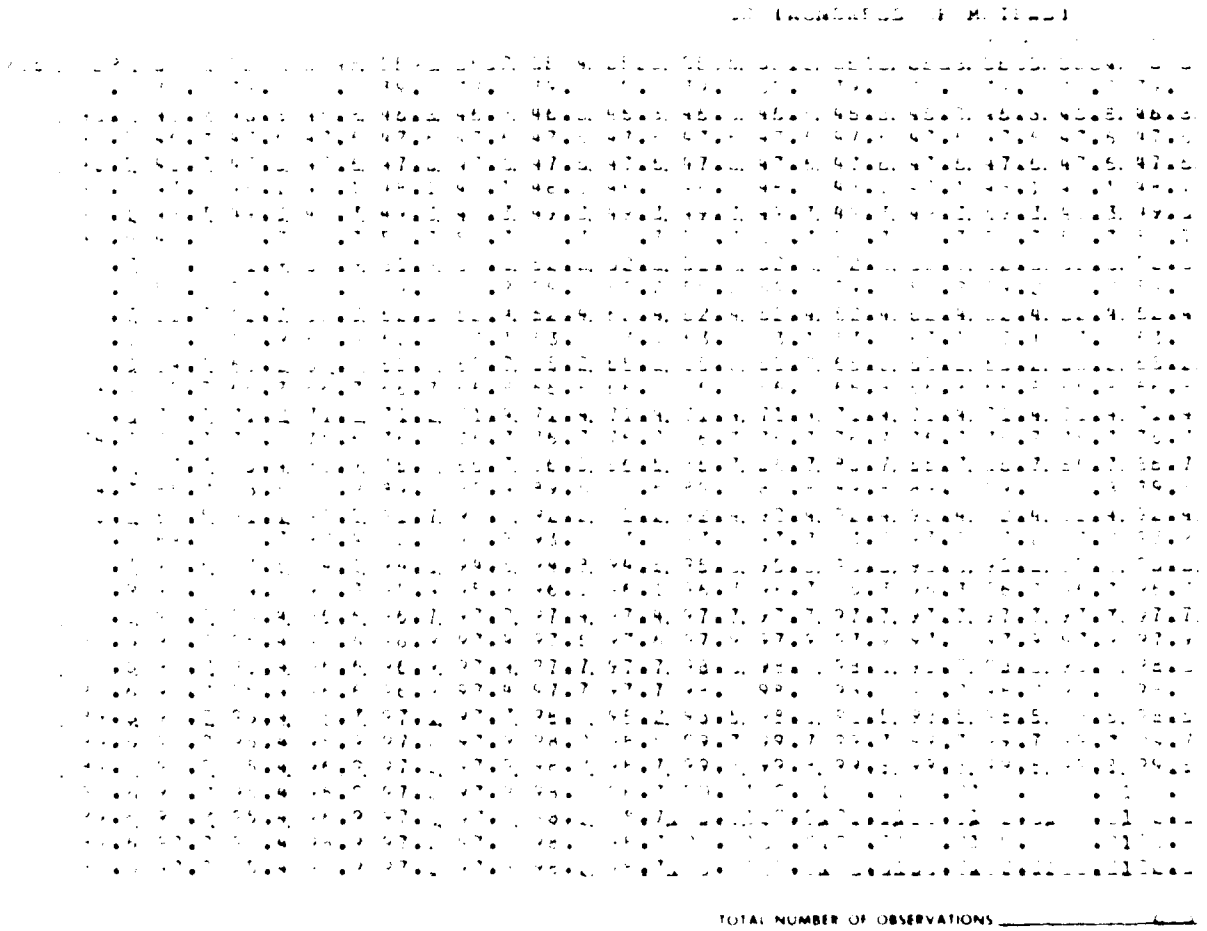
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS _____

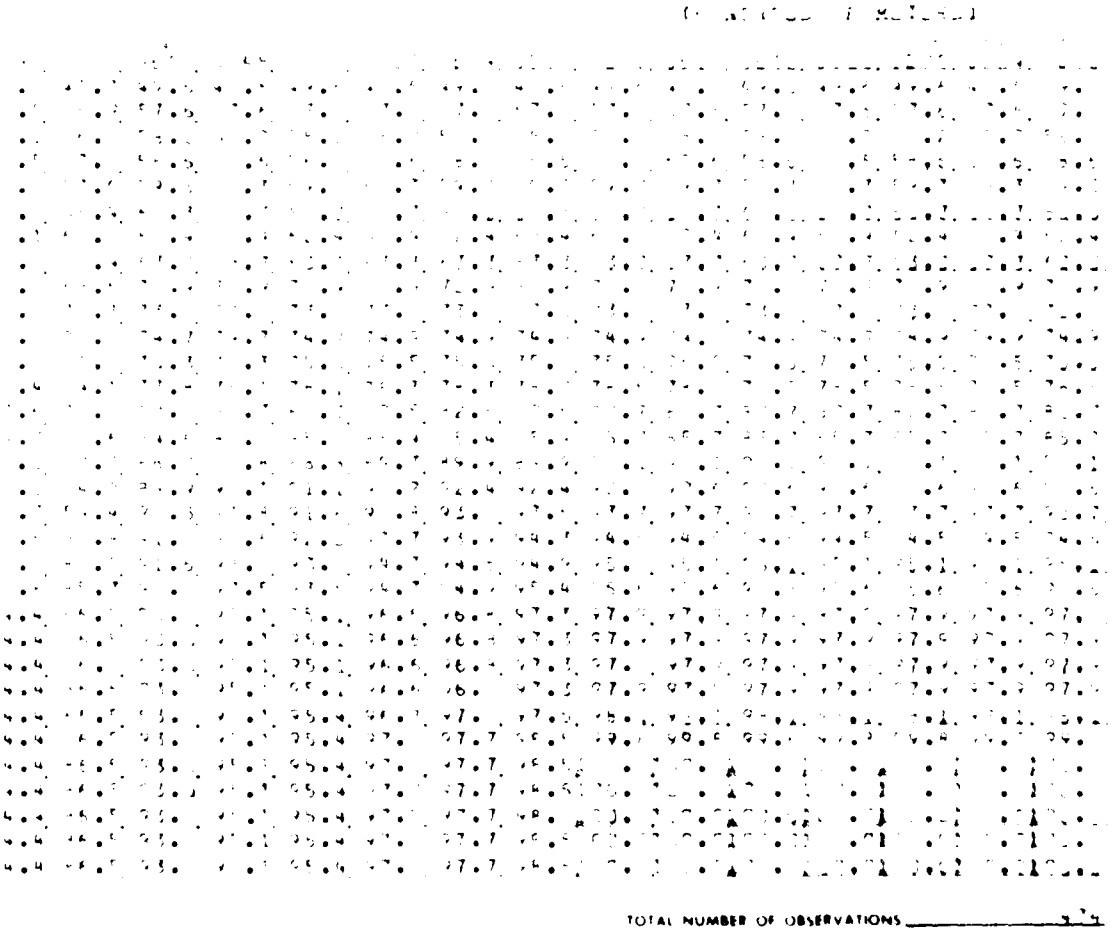
CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY



TOTAL NUMBER OF OBSERVATIONS _____

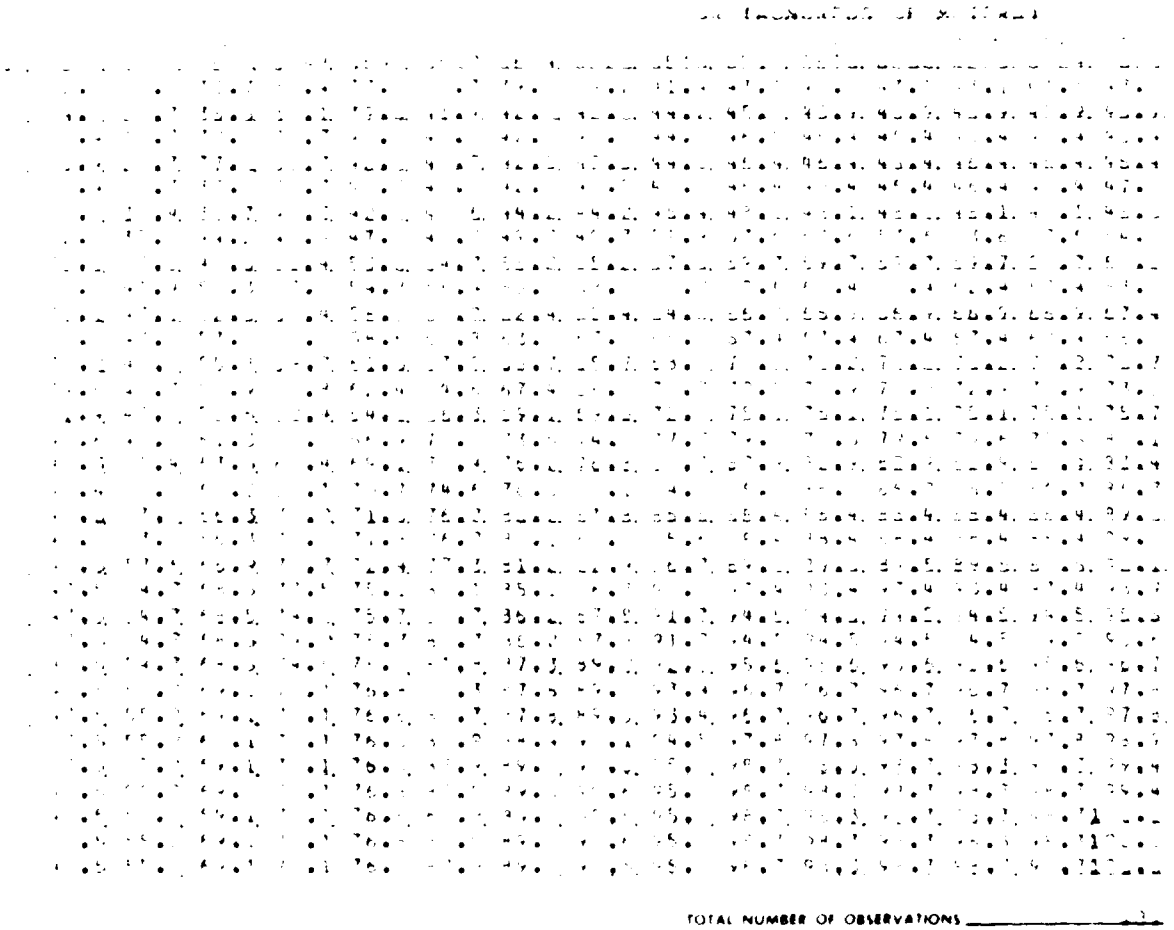
CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

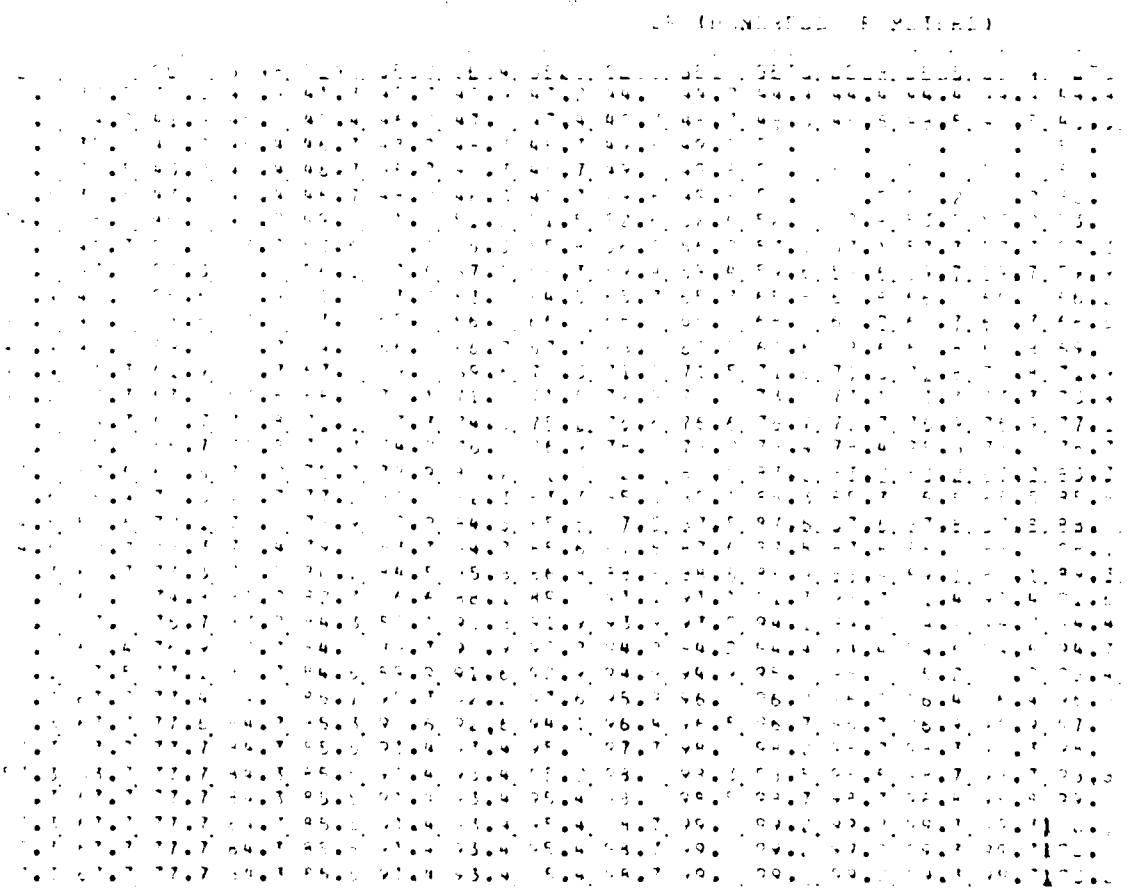
PERCENTAGE FREQUENCY OF OCCURRENCE
FOR ALL OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

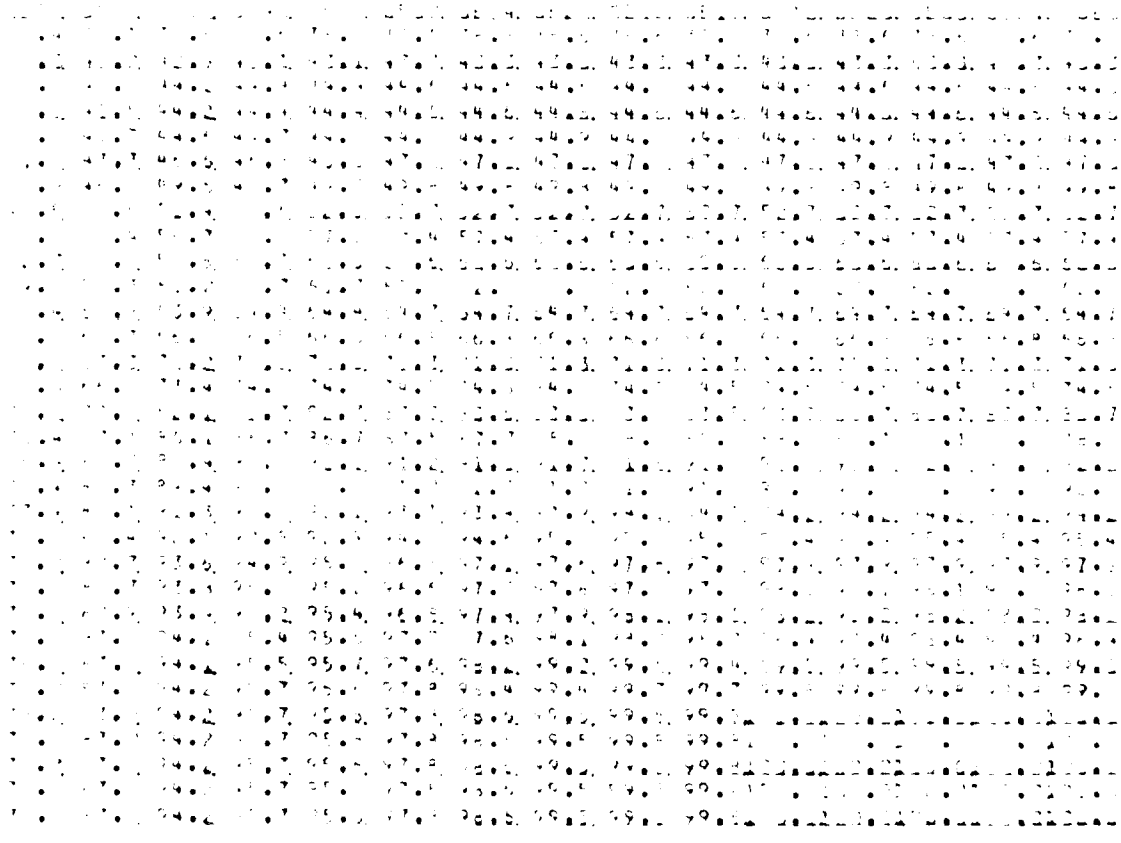
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS _____

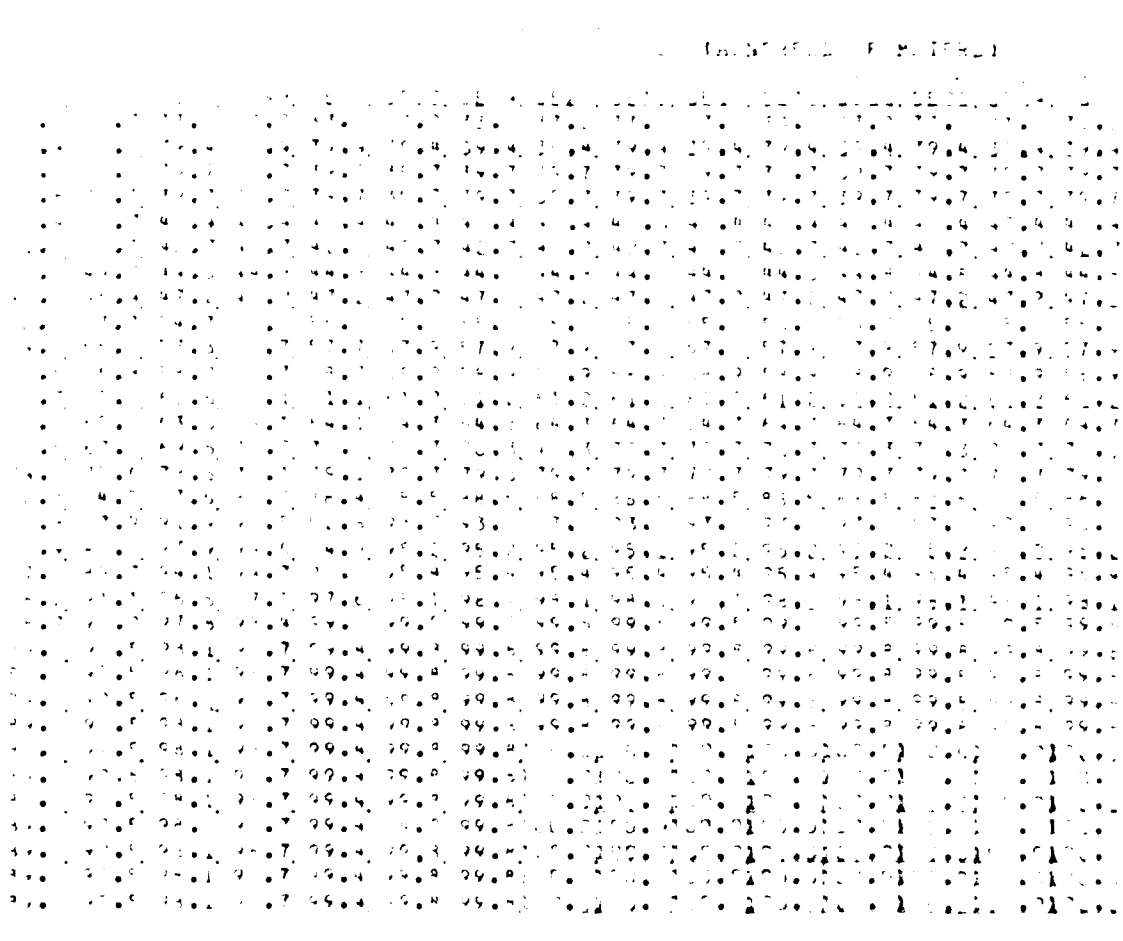
CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

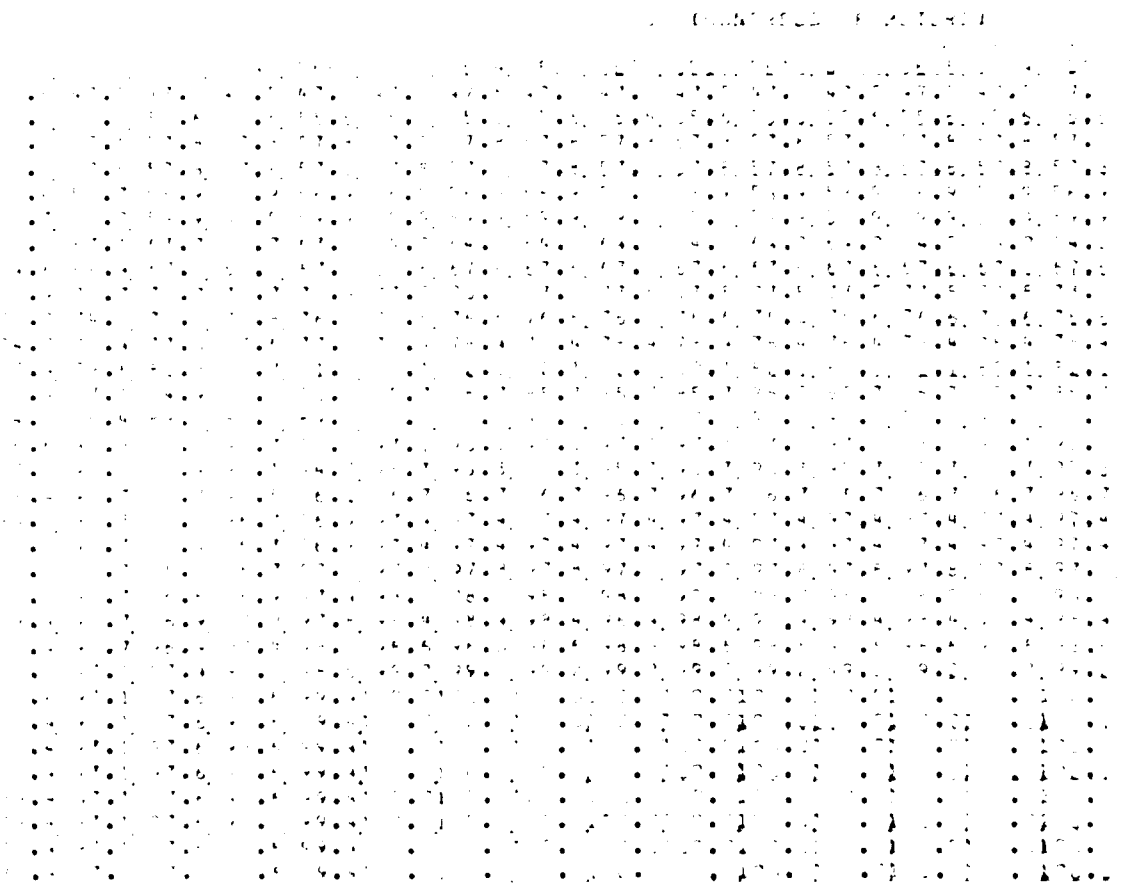
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM [illegible] OBSERVATIONS

[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

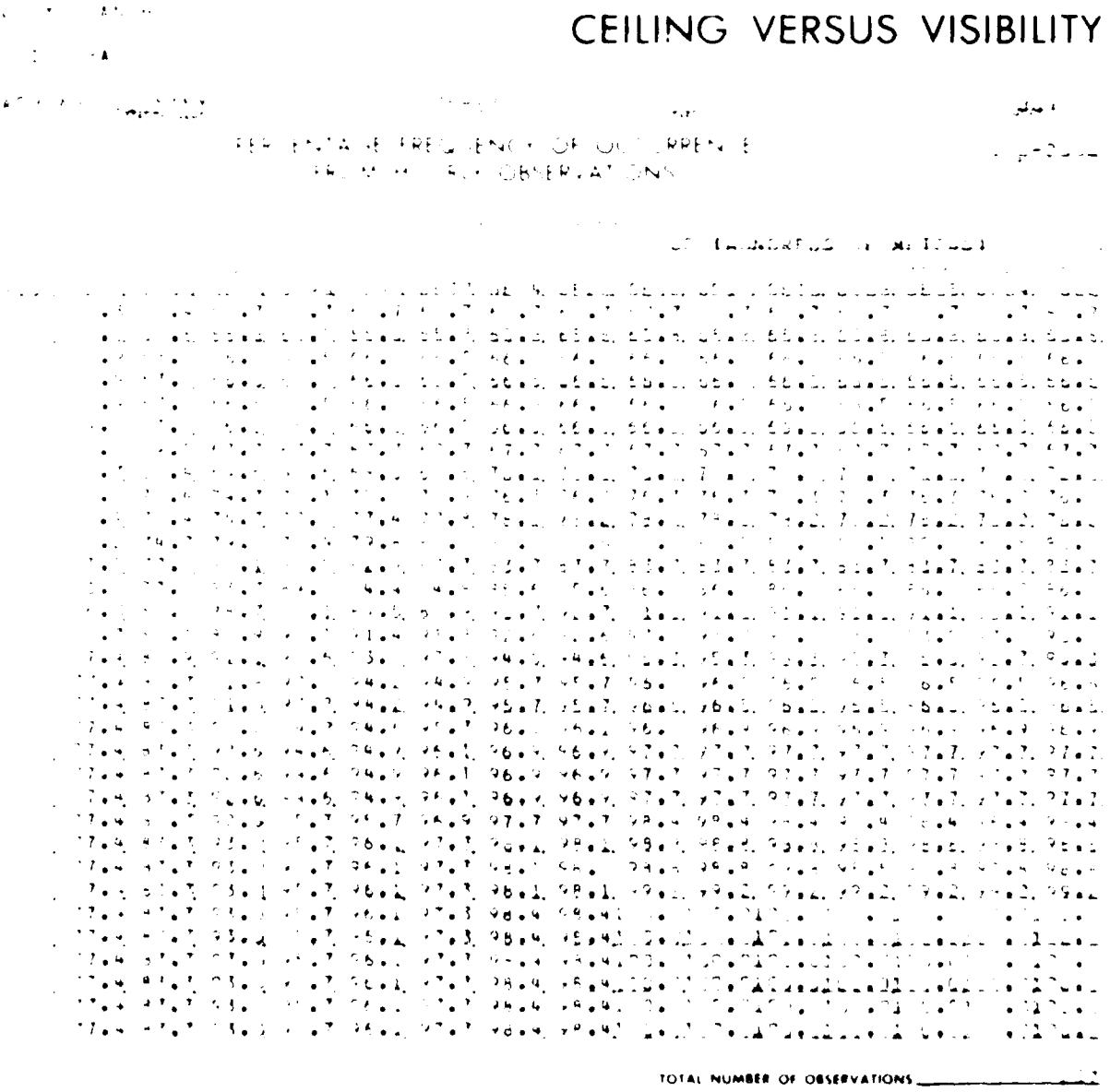
CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY



TOTAL NUMBER OF OBSERVATIONS _____

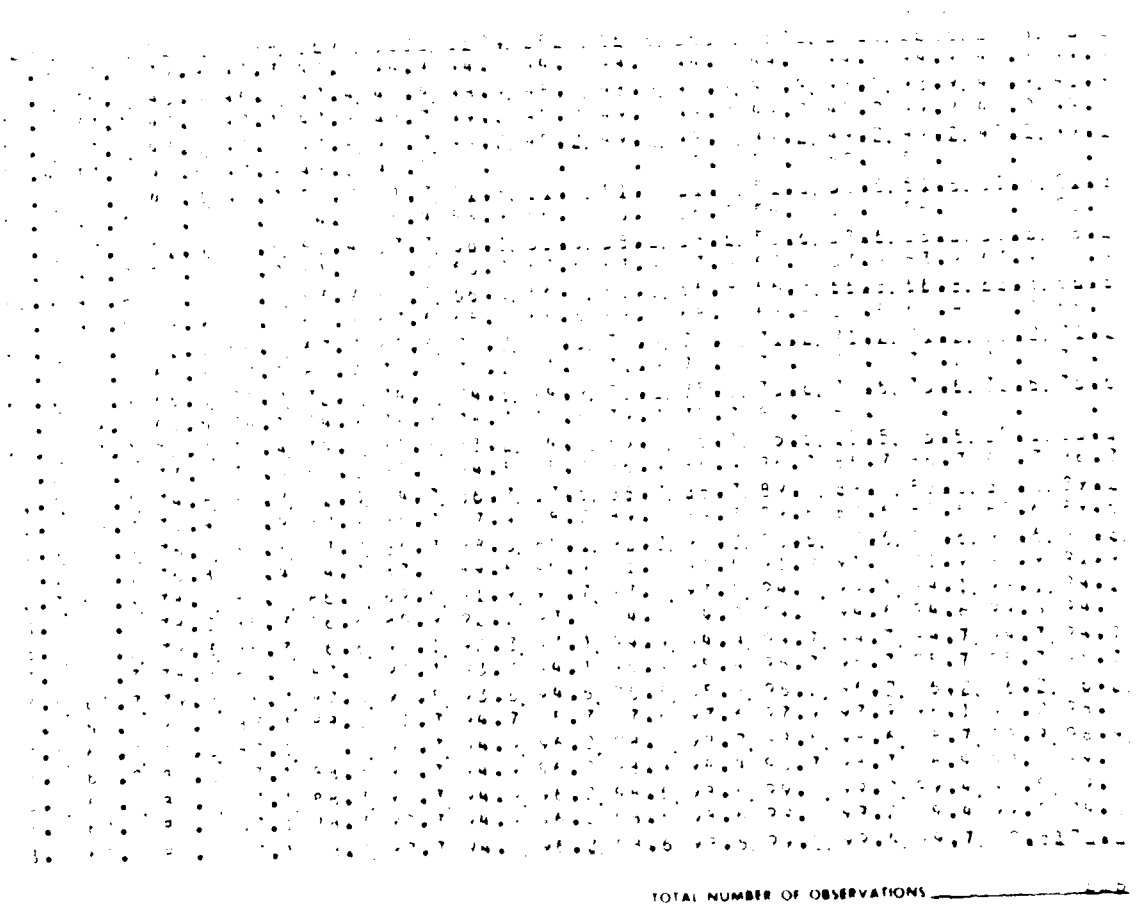
CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS _____

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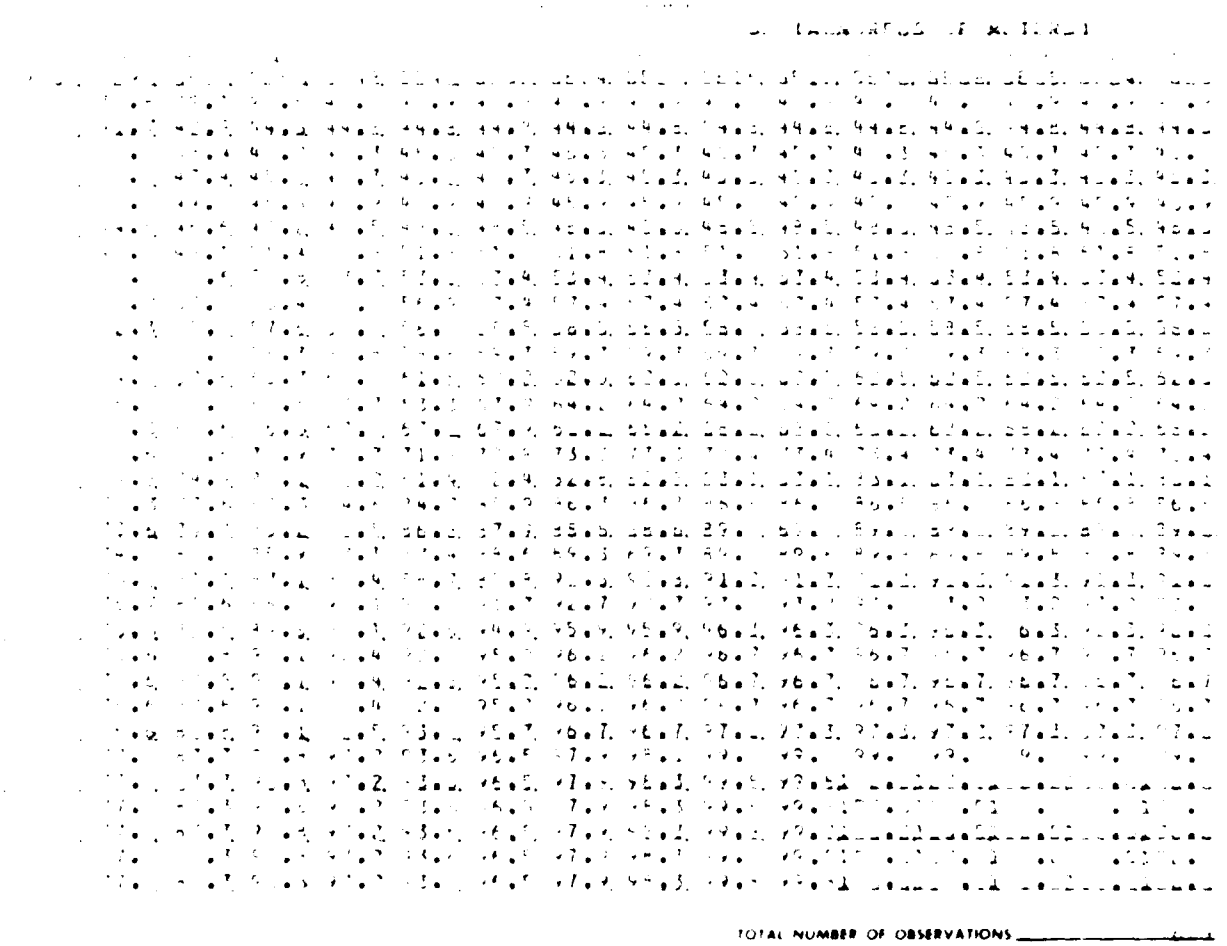
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

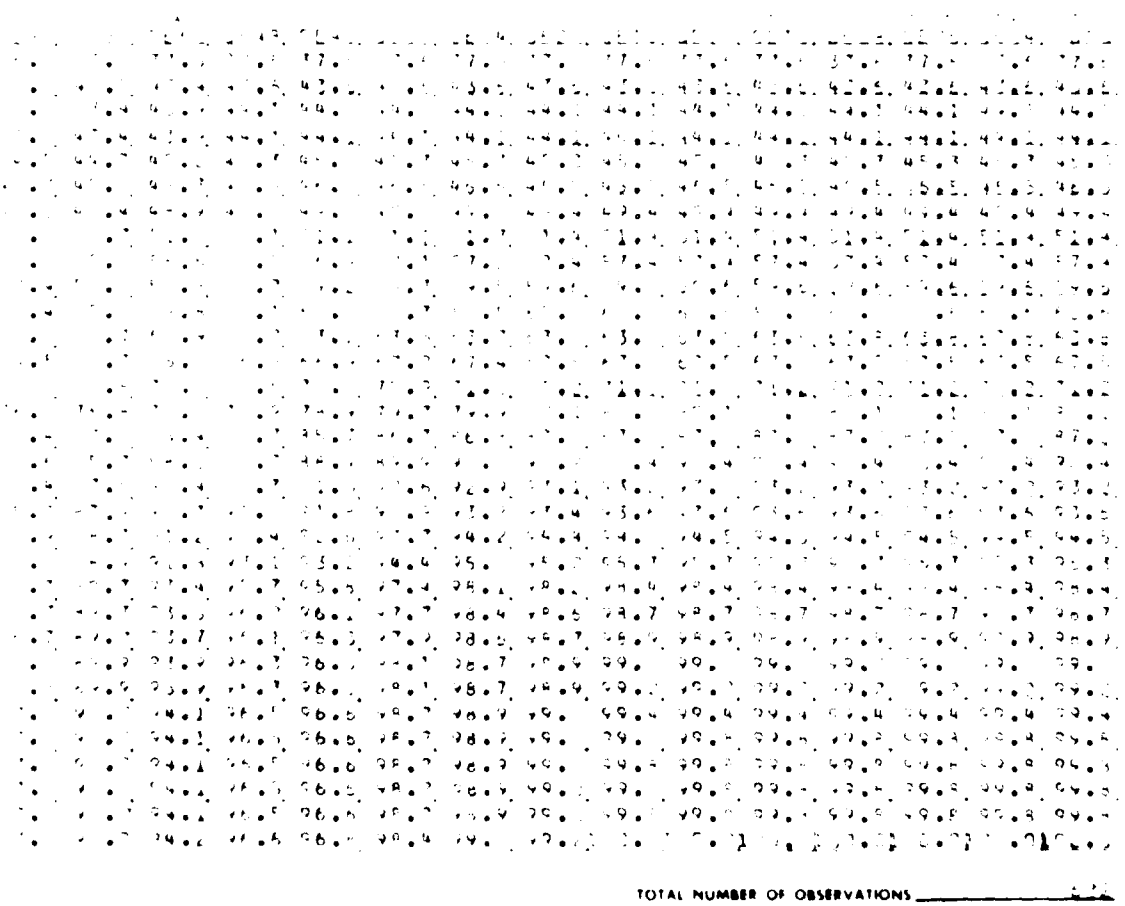
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



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

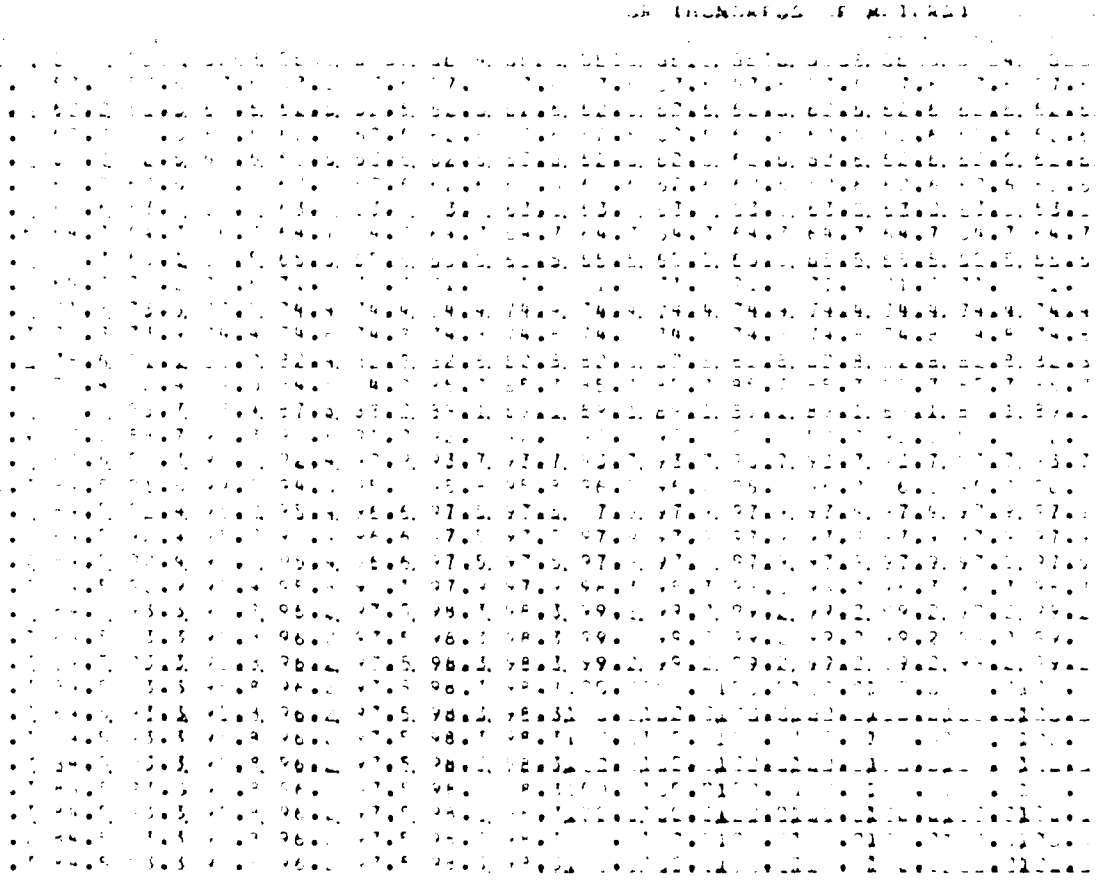
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

(HUNDREDS OF METERS)

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

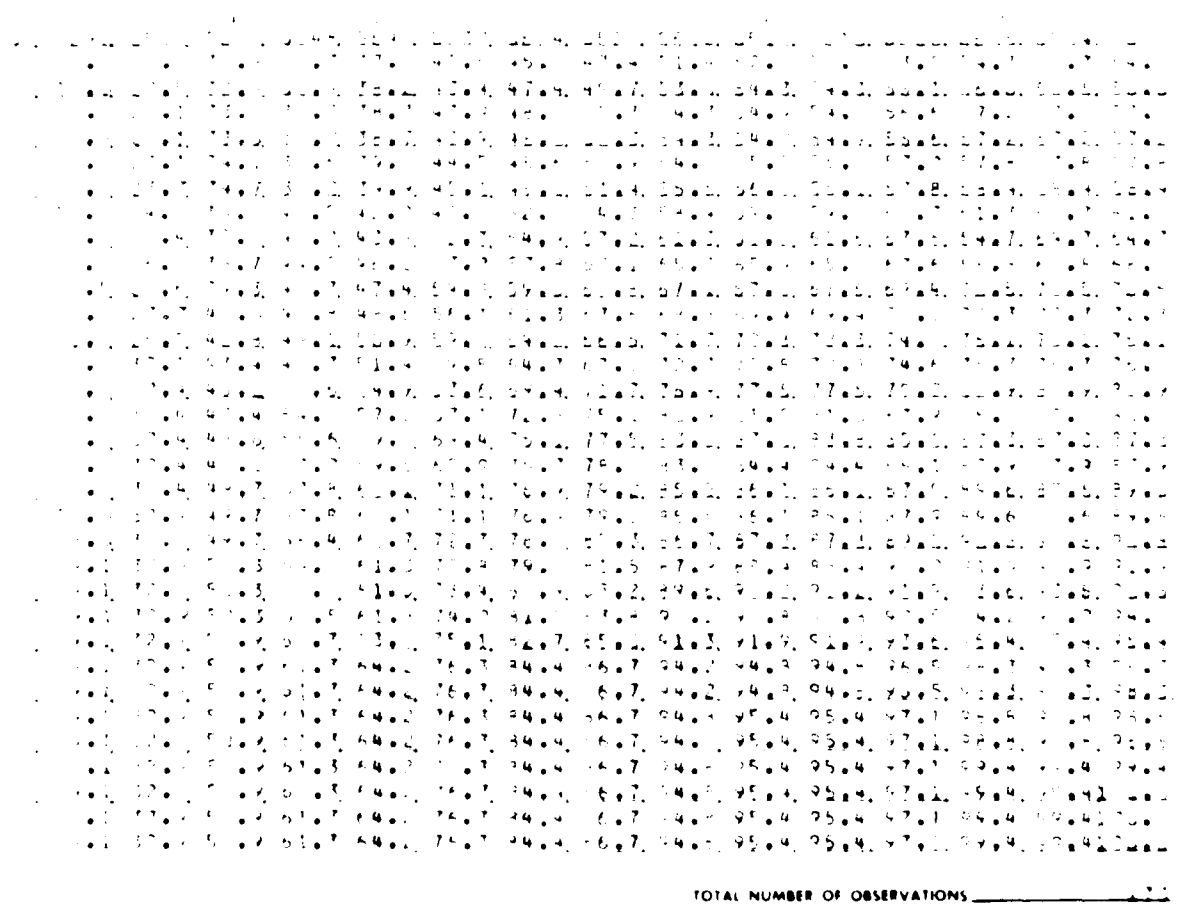
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FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS _____

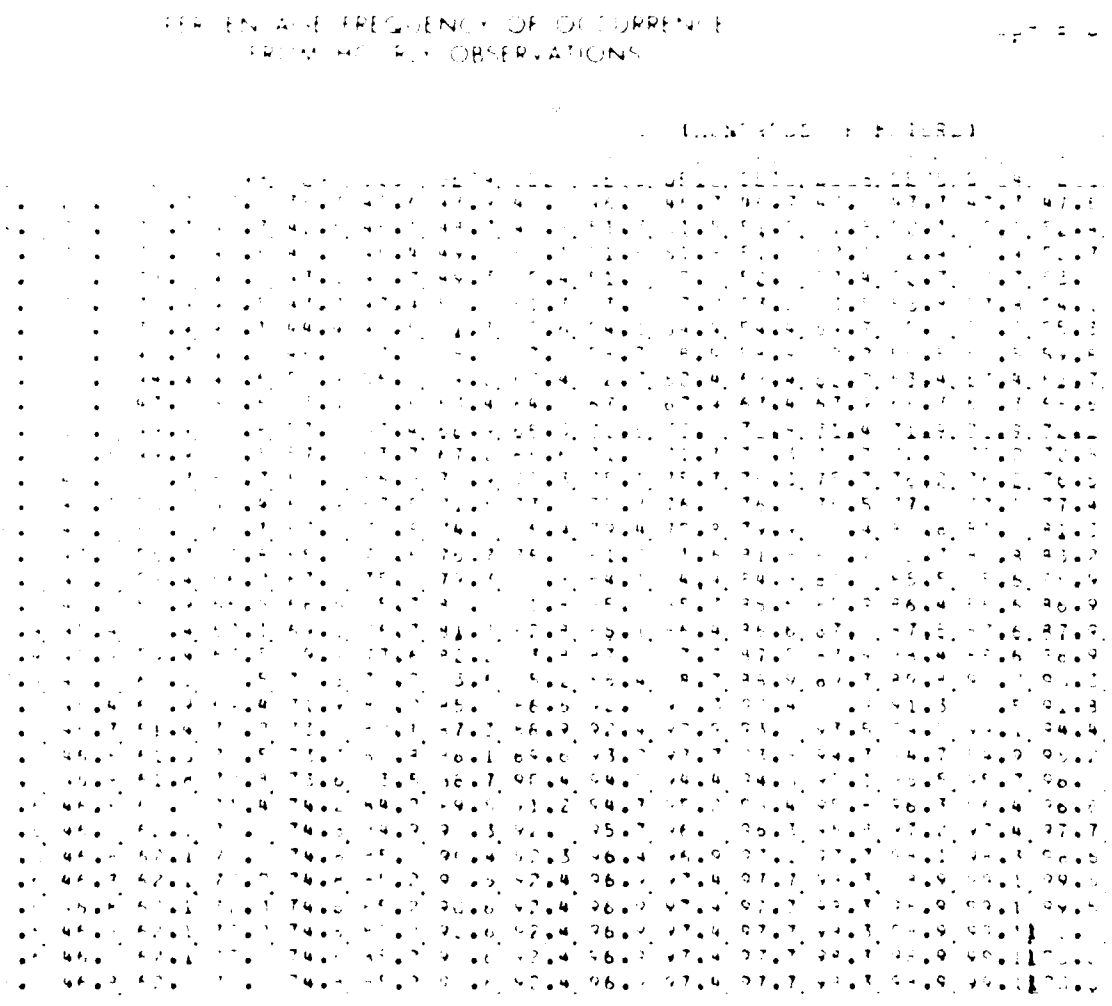
CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS _____

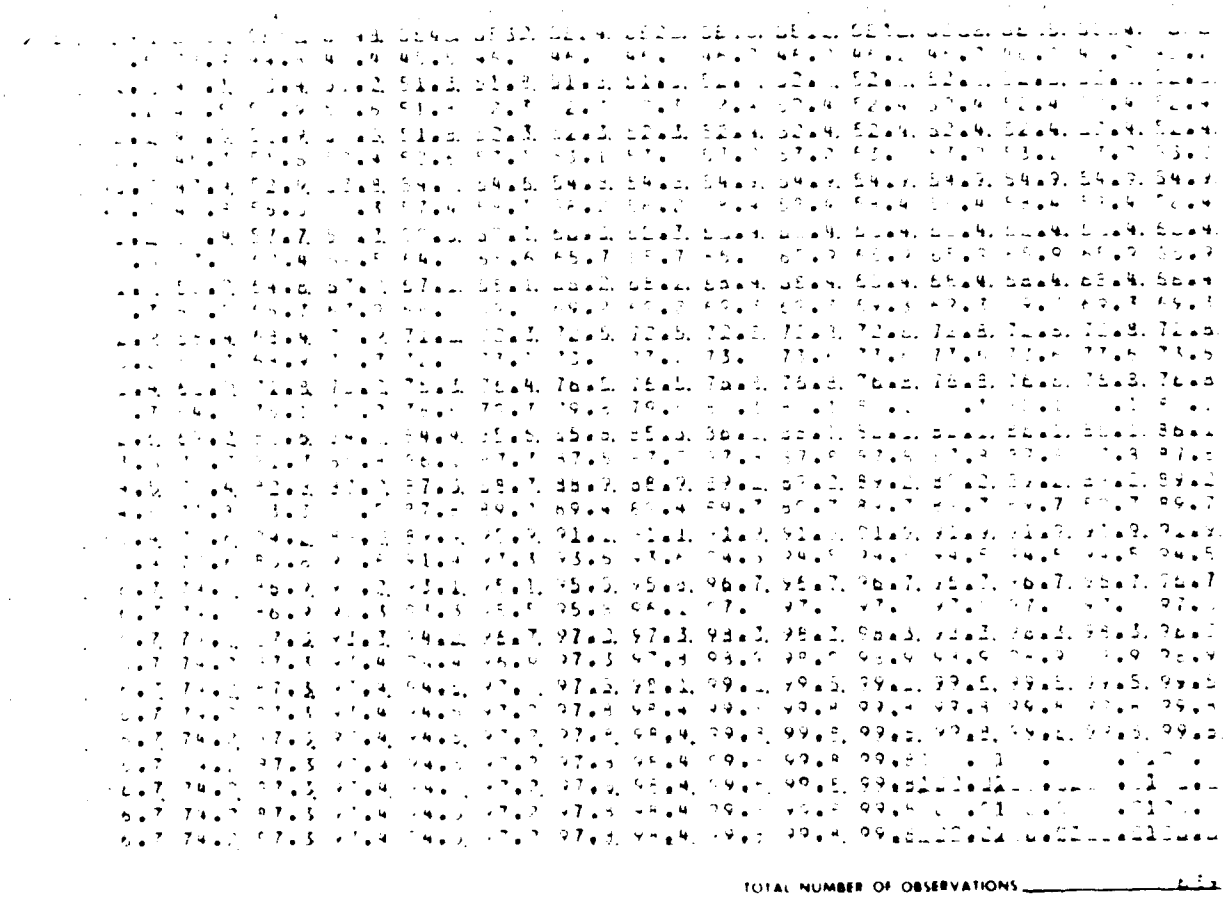
CEILING VERSUS VISIBILITY



TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

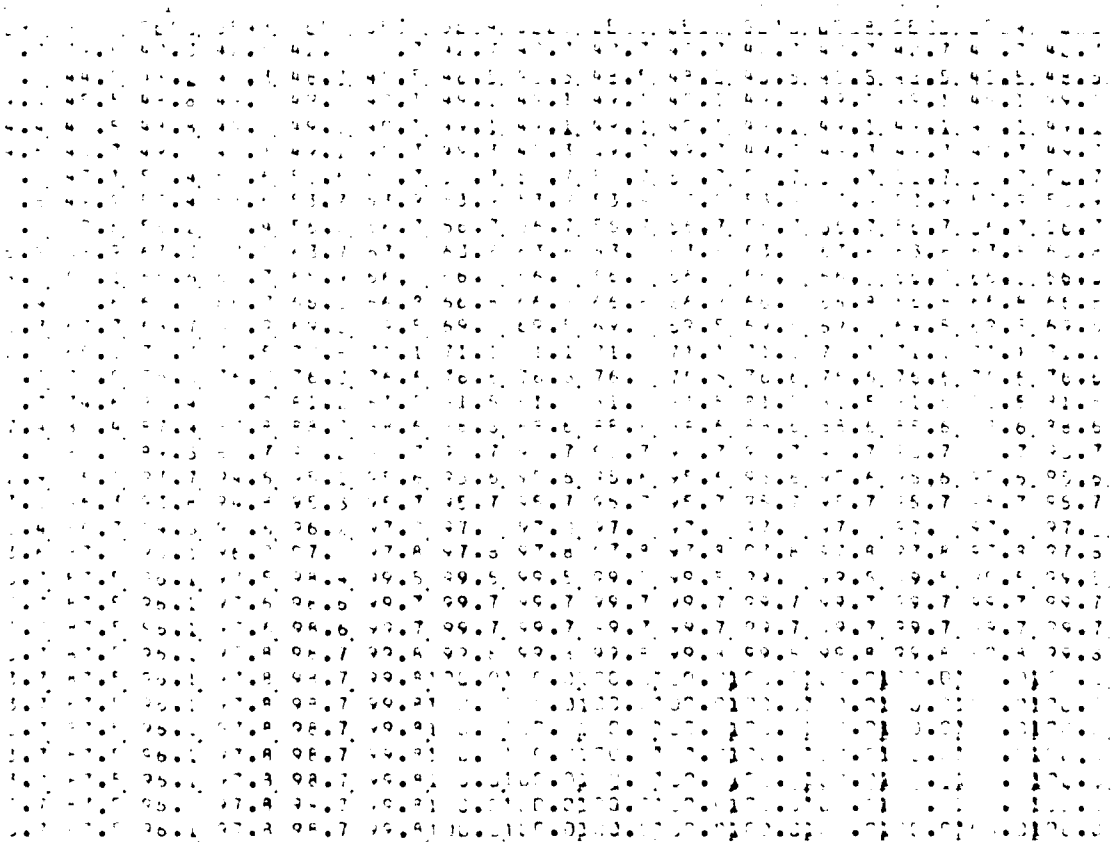


TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM [illegible] OBSERVATIONS

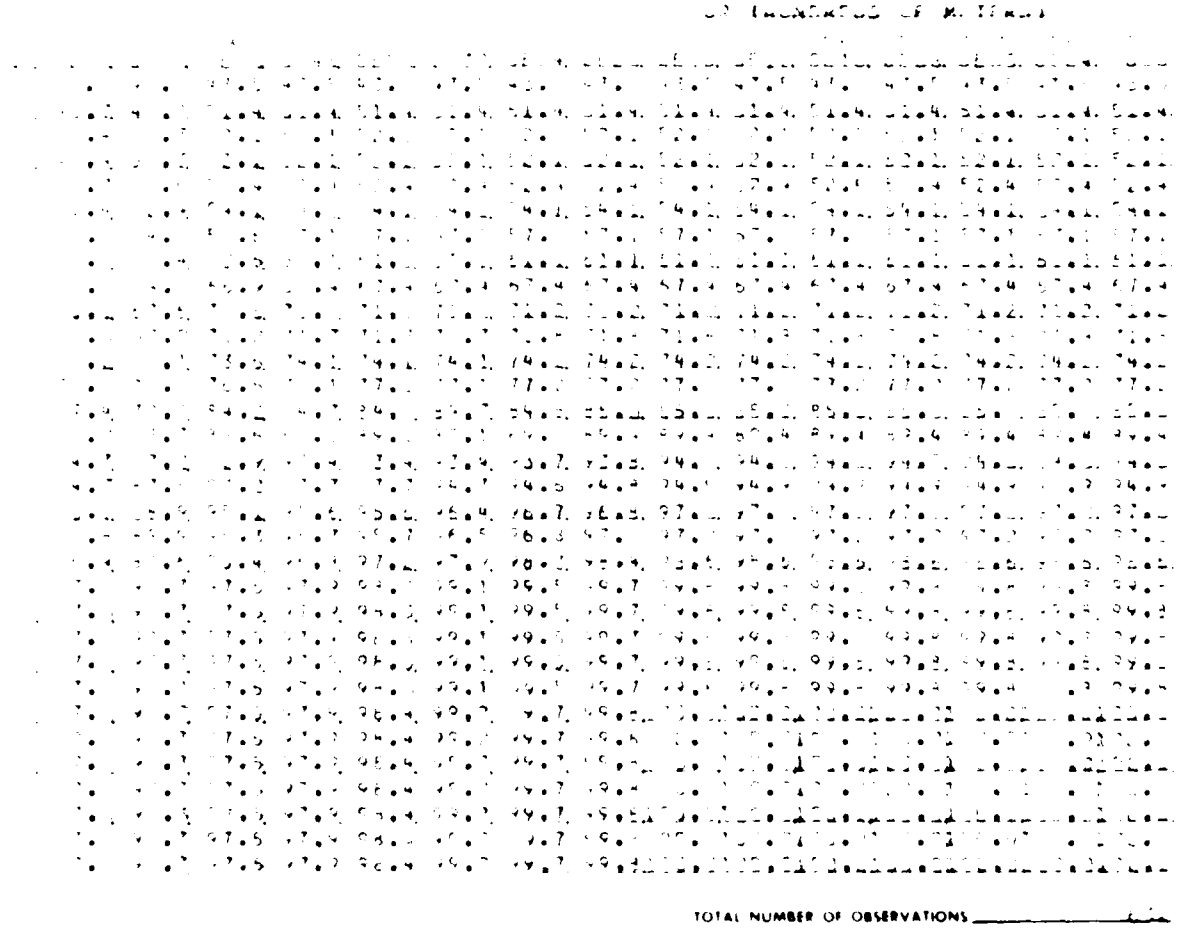
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TOTAL NUMBER OF OBSERVATIONS [illegible]

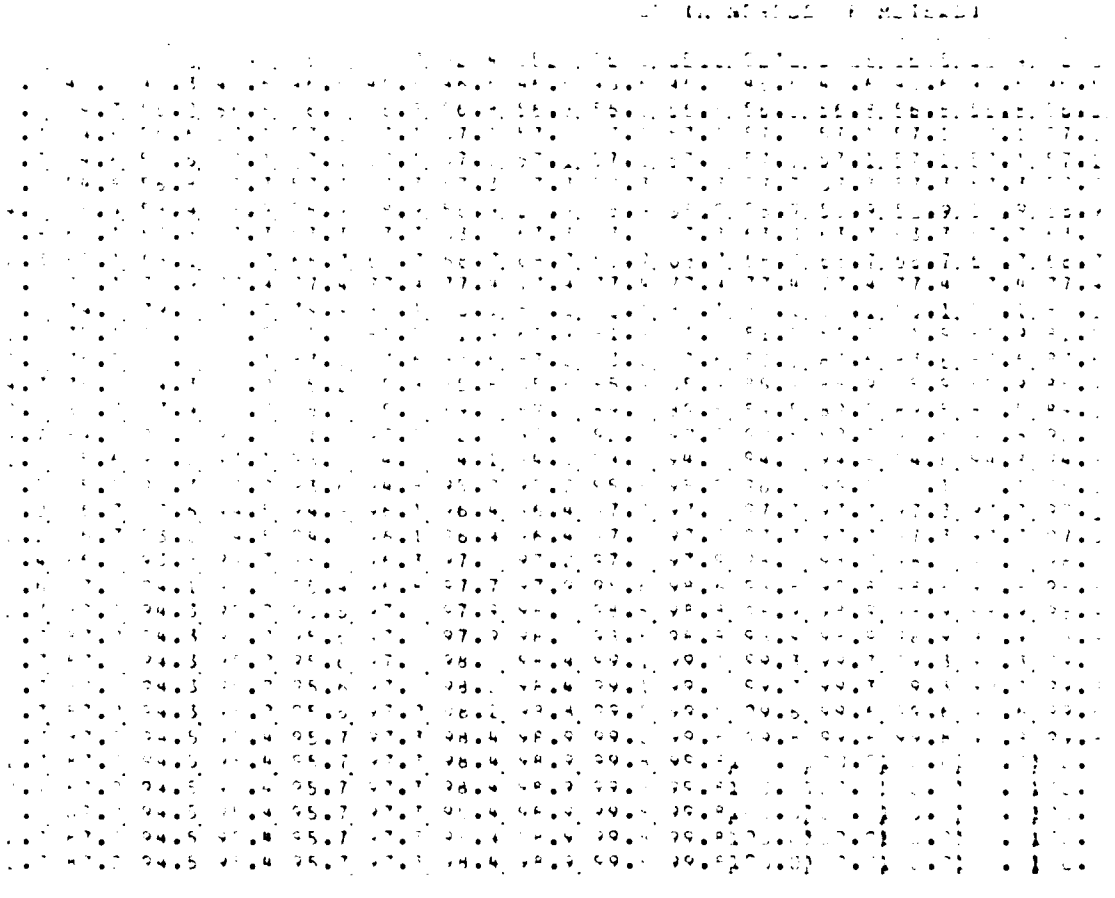
CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS _____

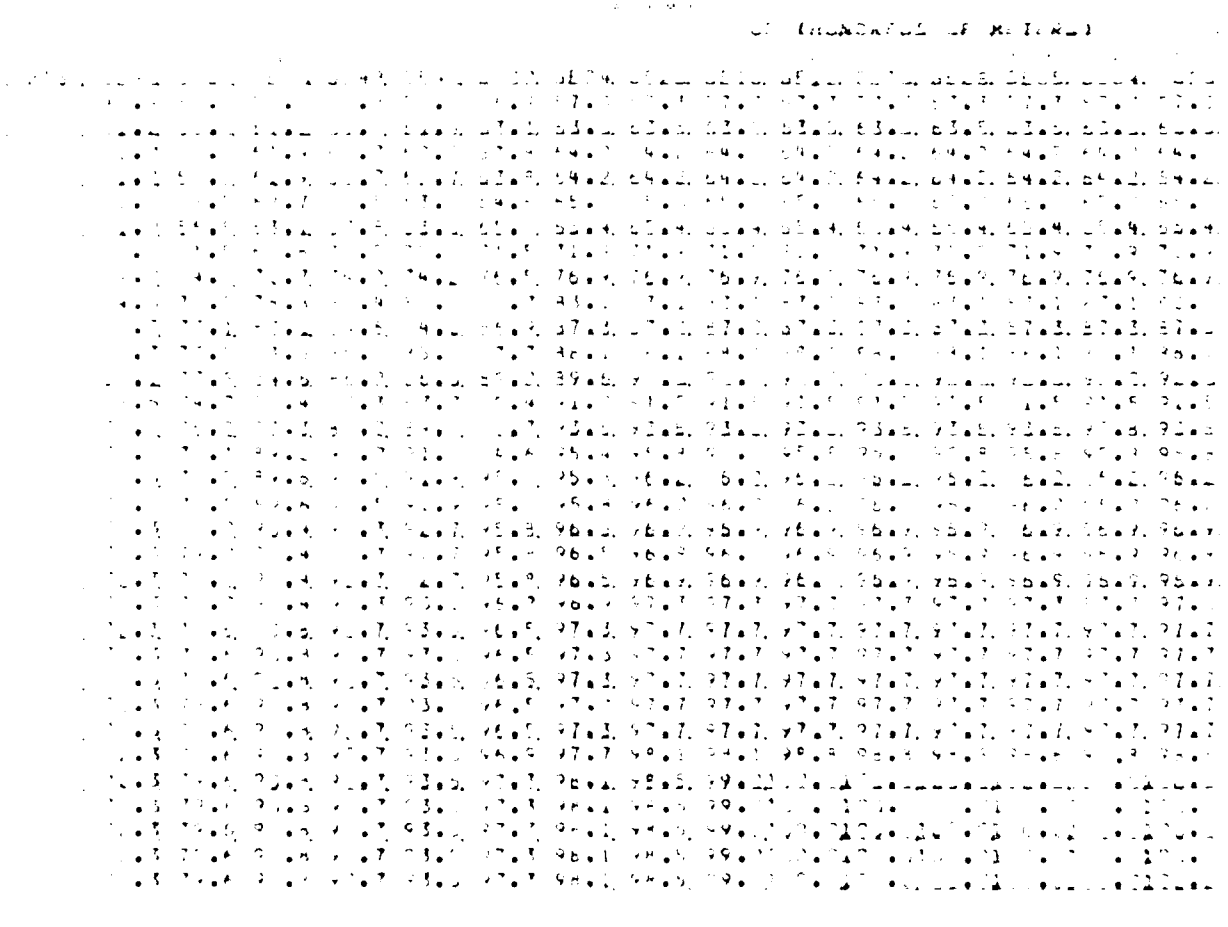
CEILING VERSUS VISIBILITY



TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS _____

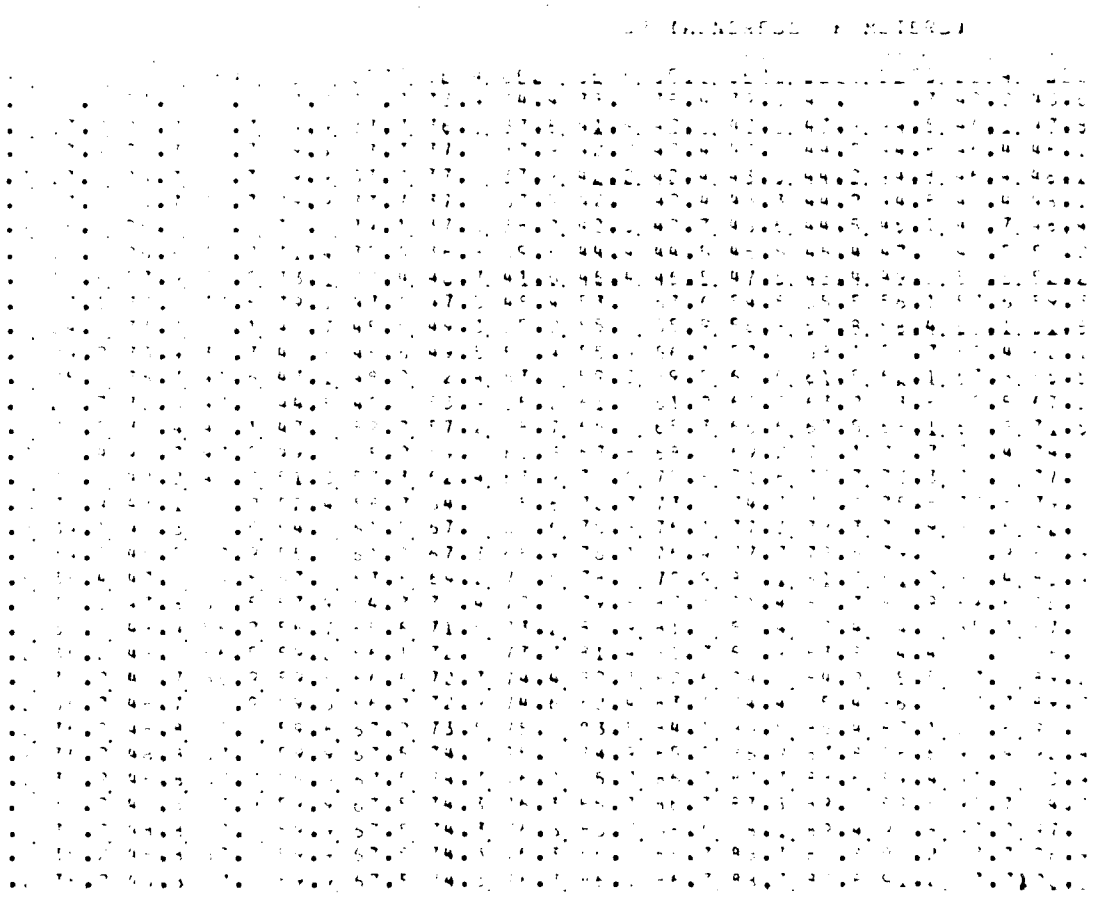
CEILING VERSUS VISIBILITY

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

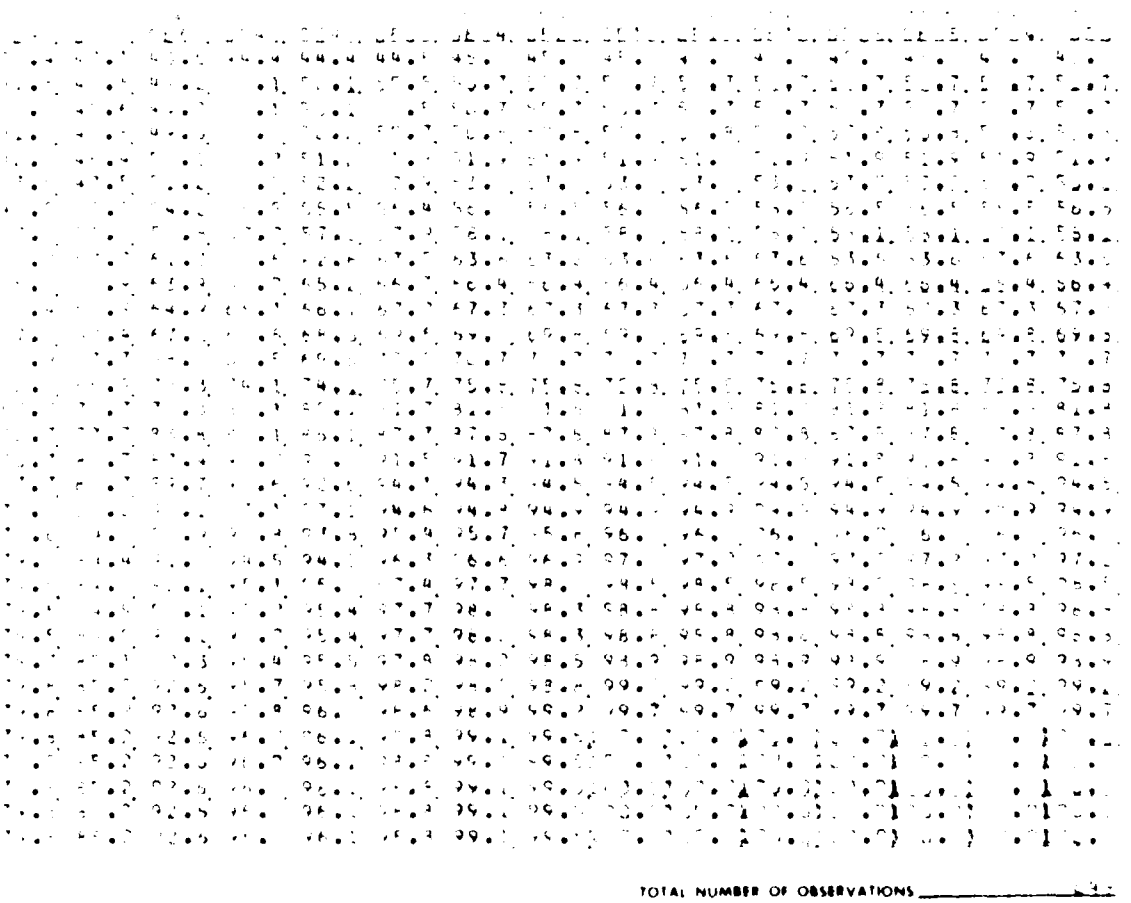
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (HUNDREDS OF METERS)

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

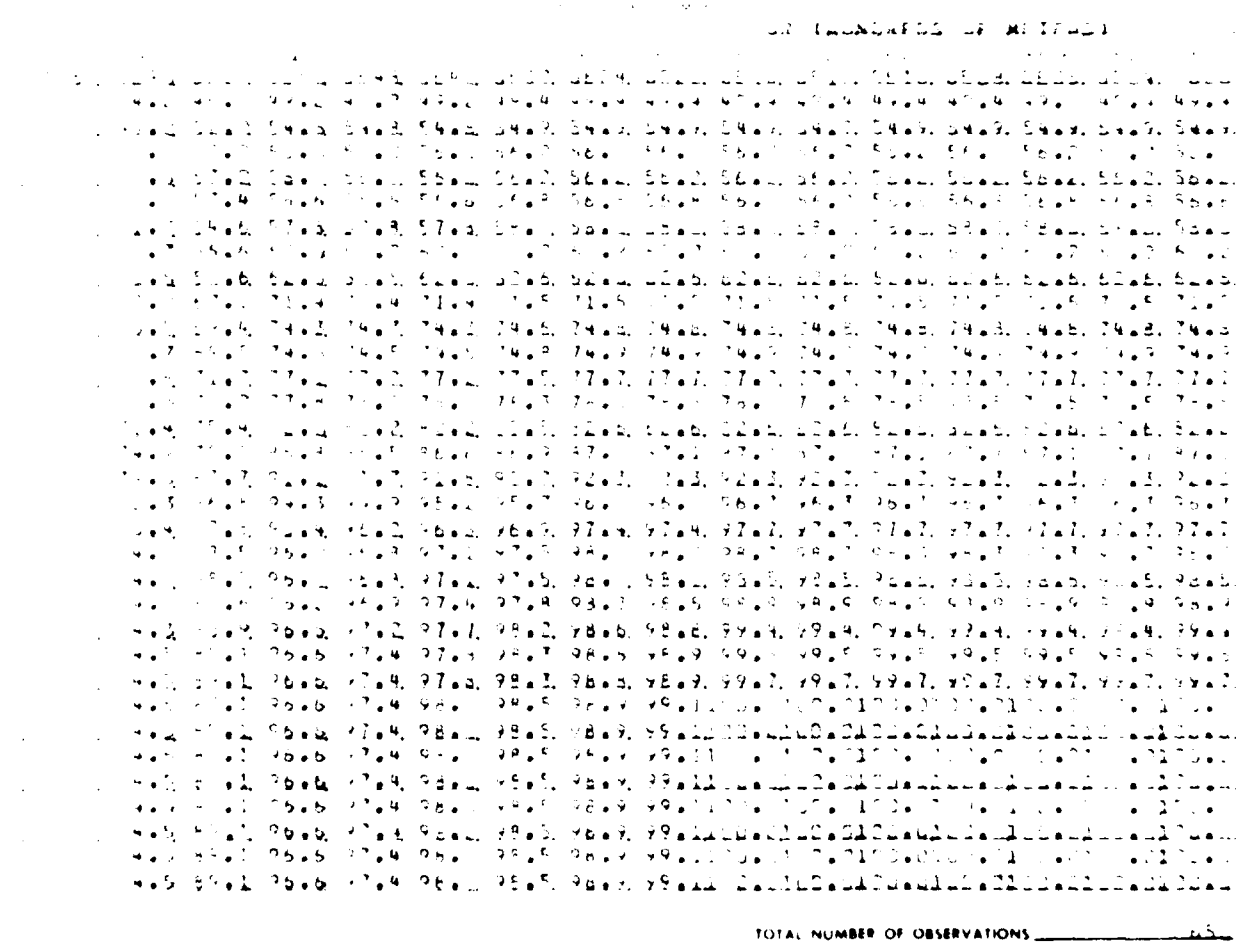
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

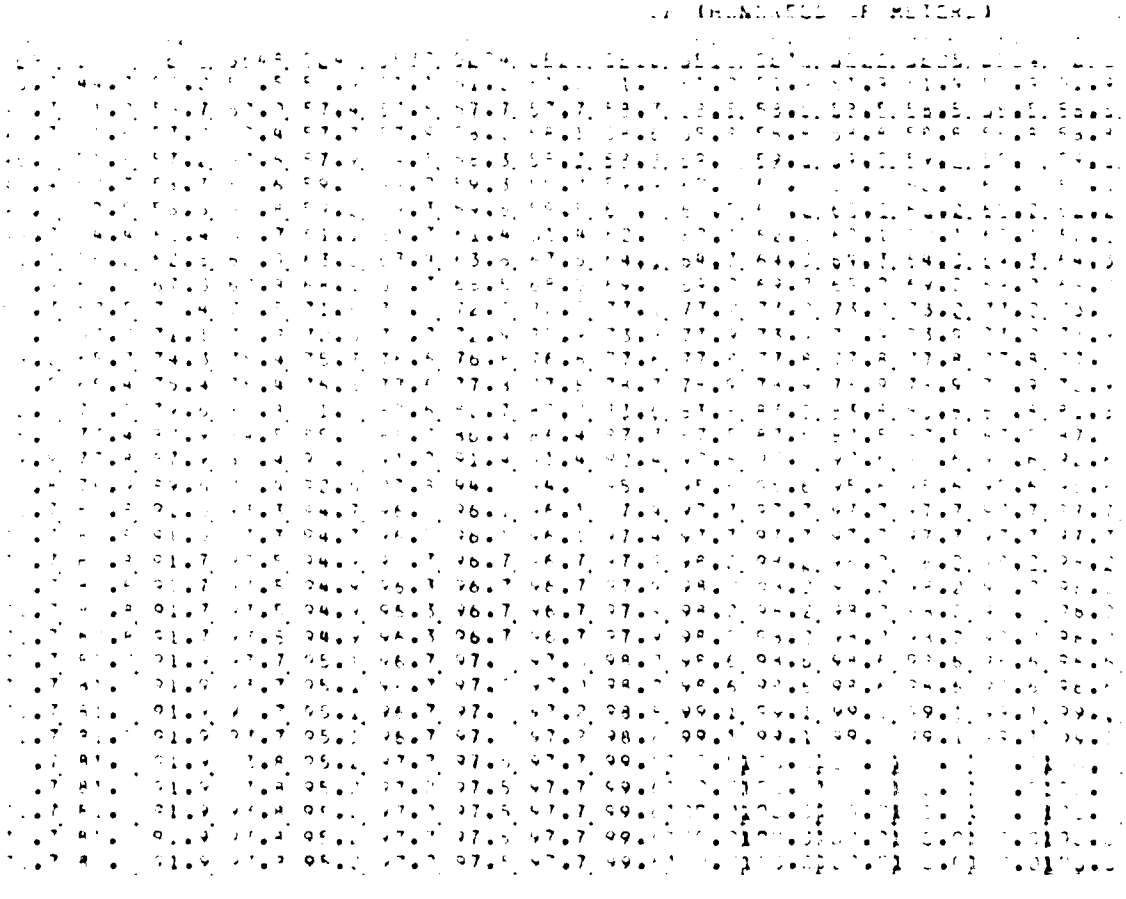
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS _____ 56

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

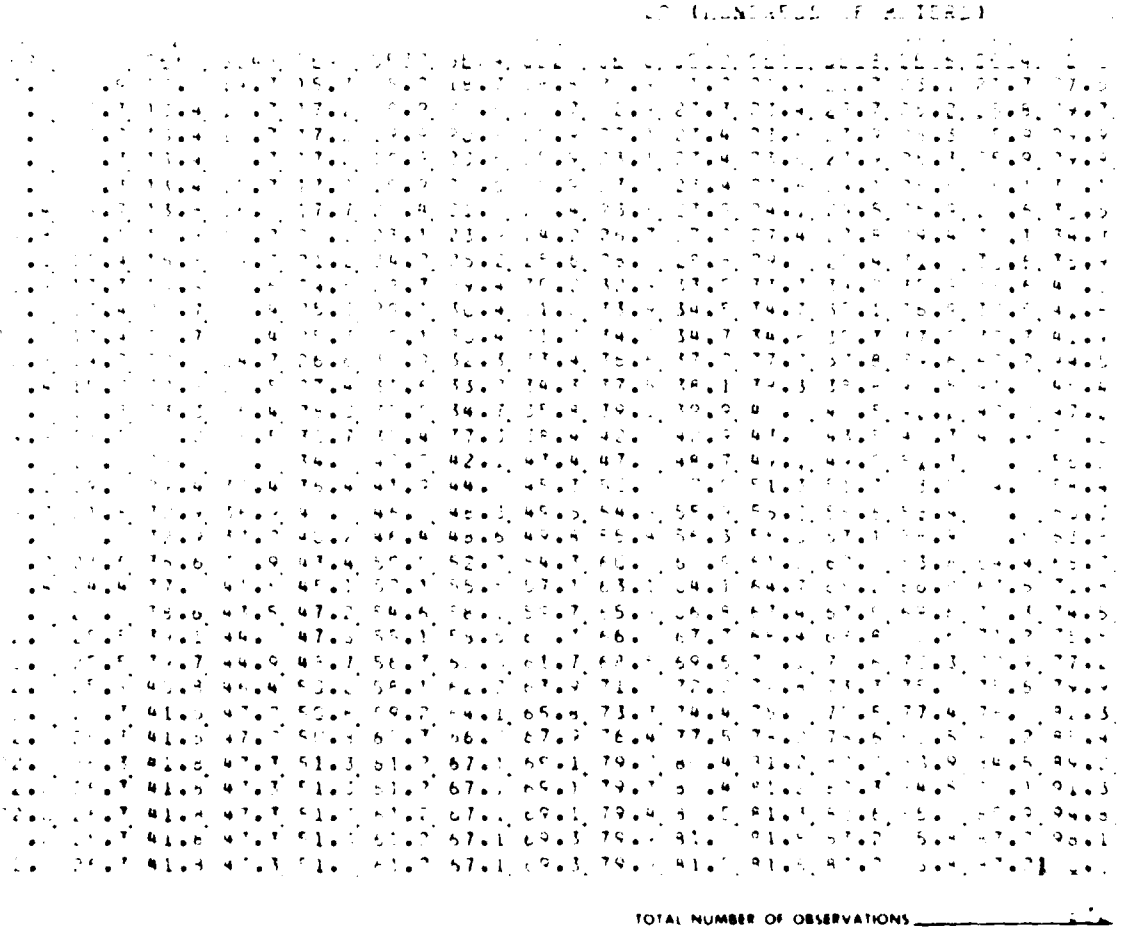
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (HUNDREDS OF METERS)

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

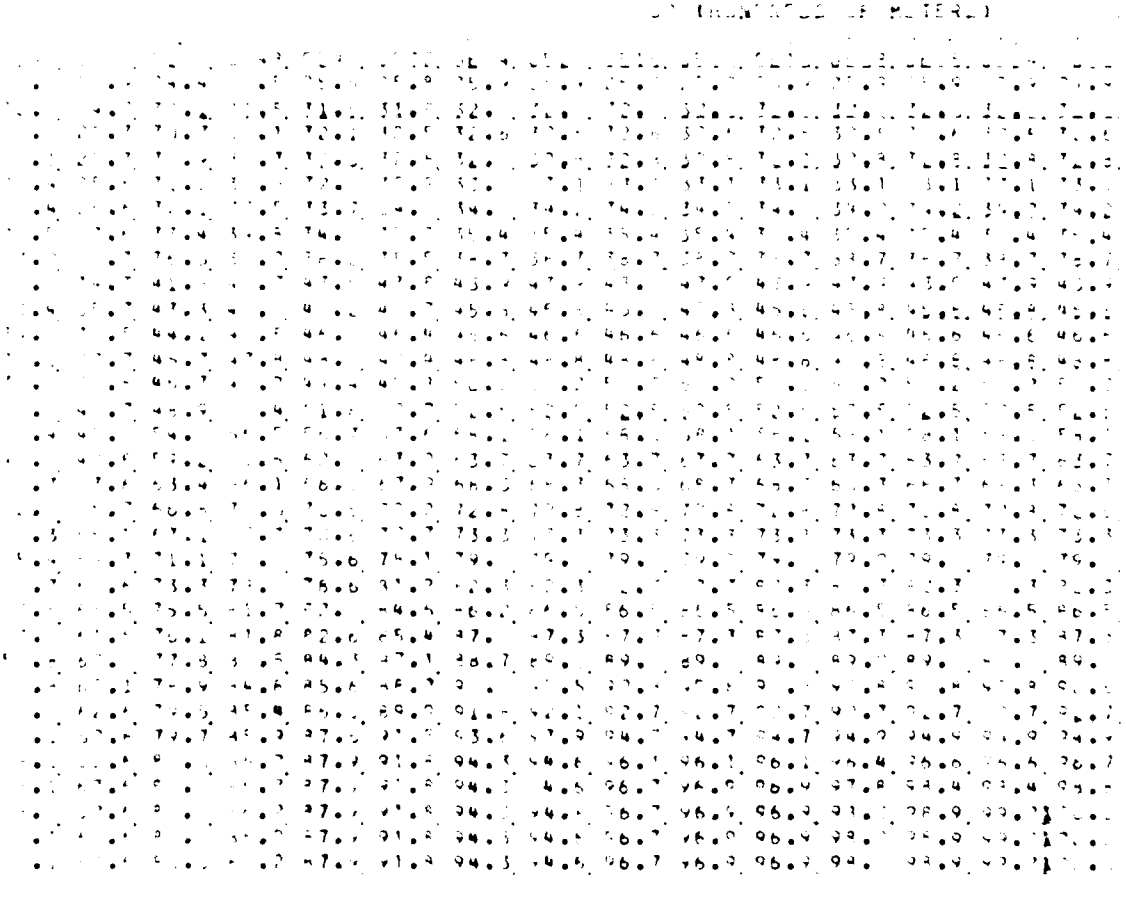
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (HUNDREDS OF METERS)

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

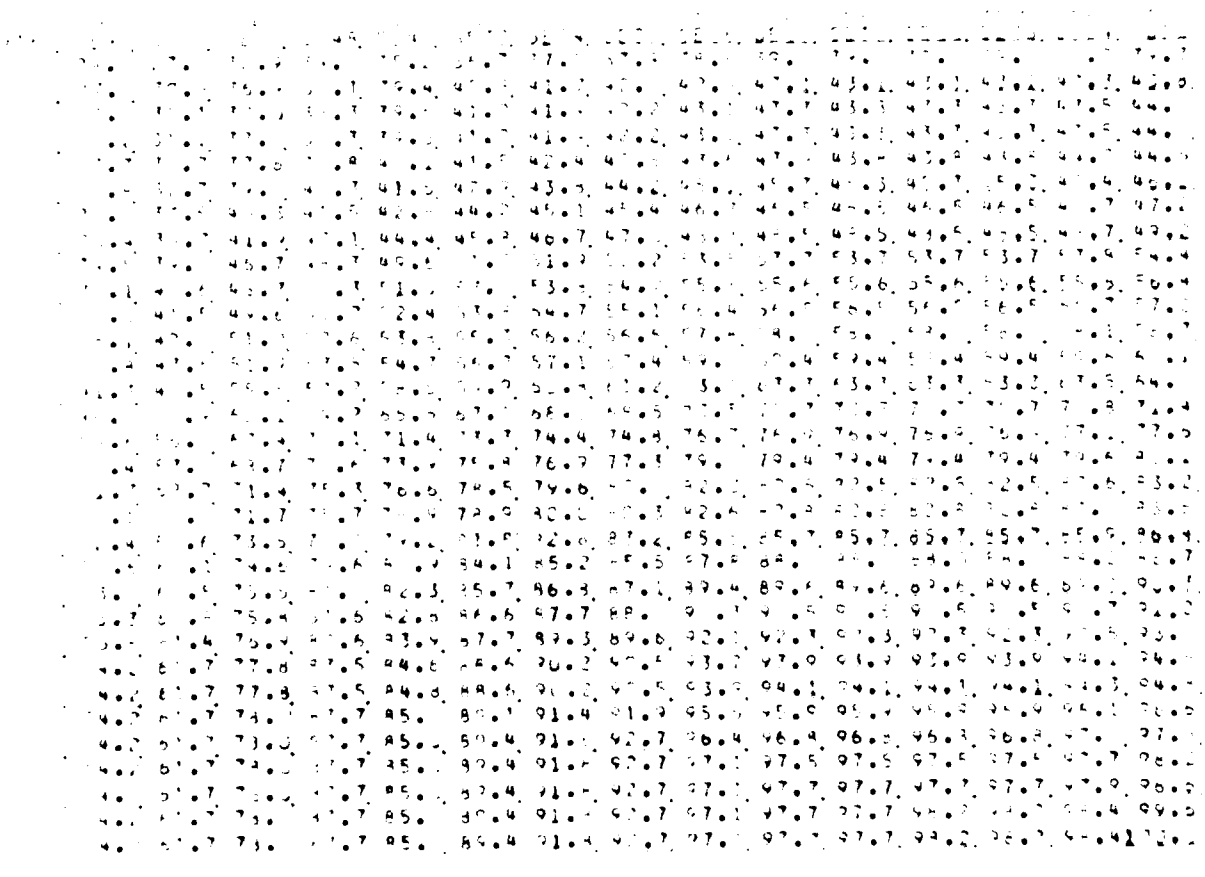
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

(All Weather Types)

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

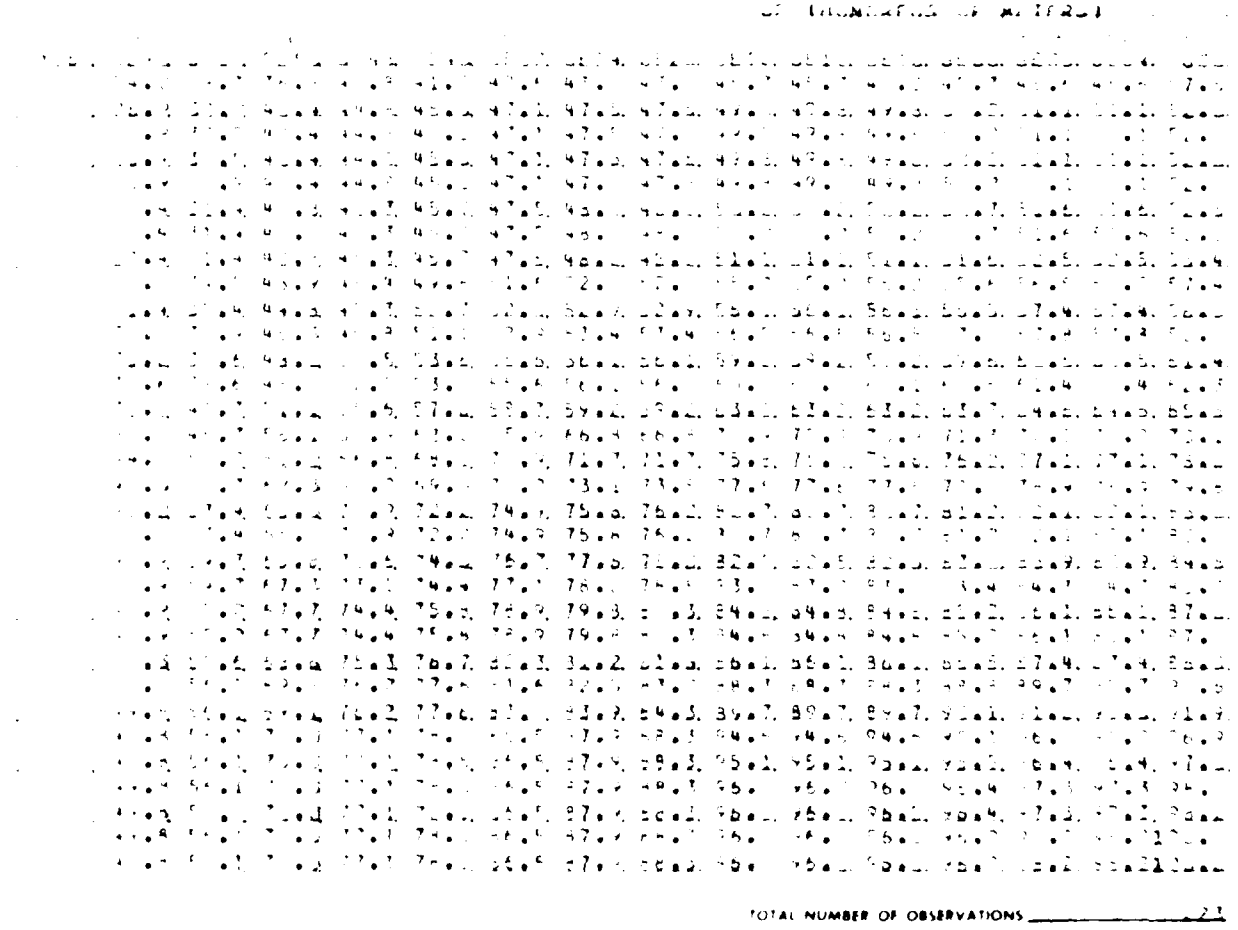
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

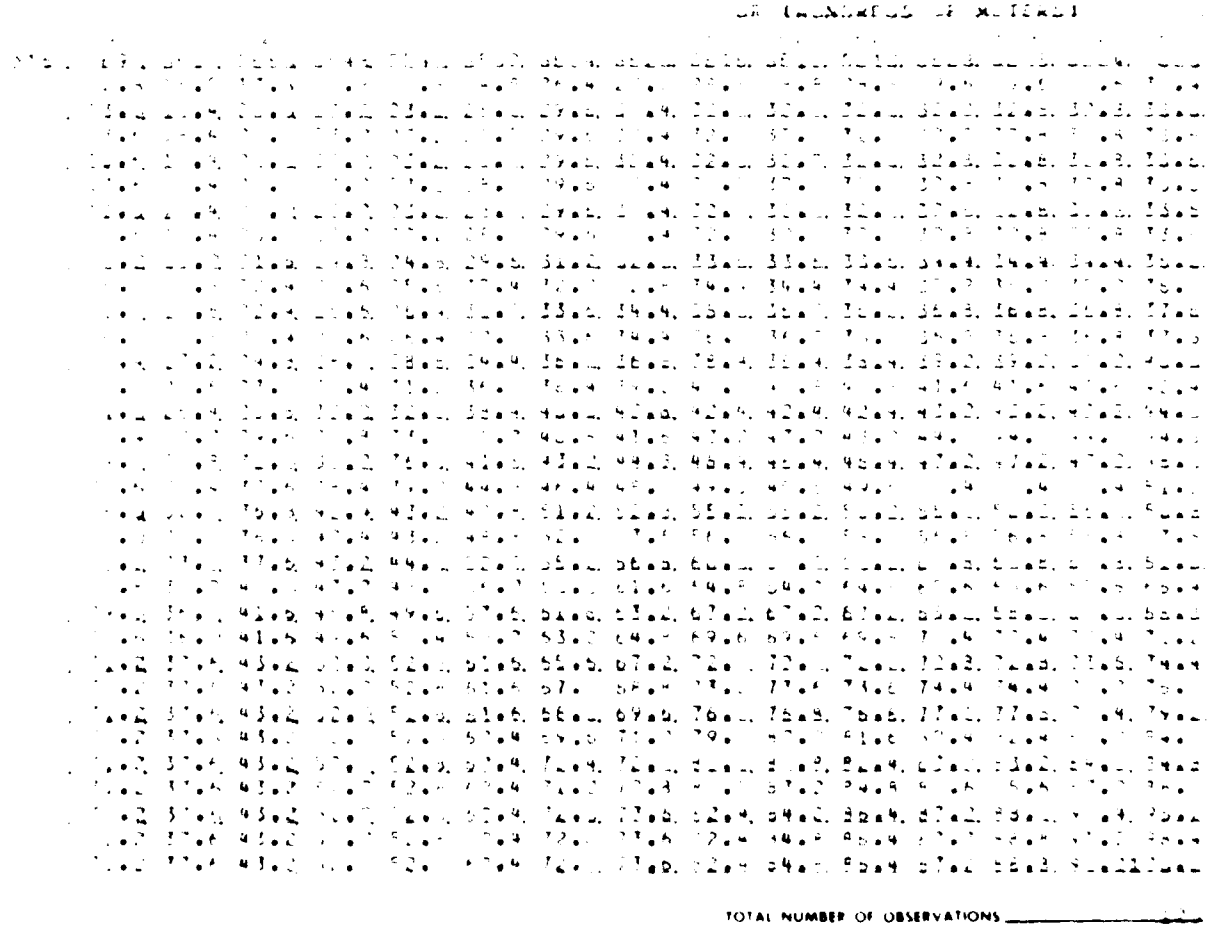
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS _____

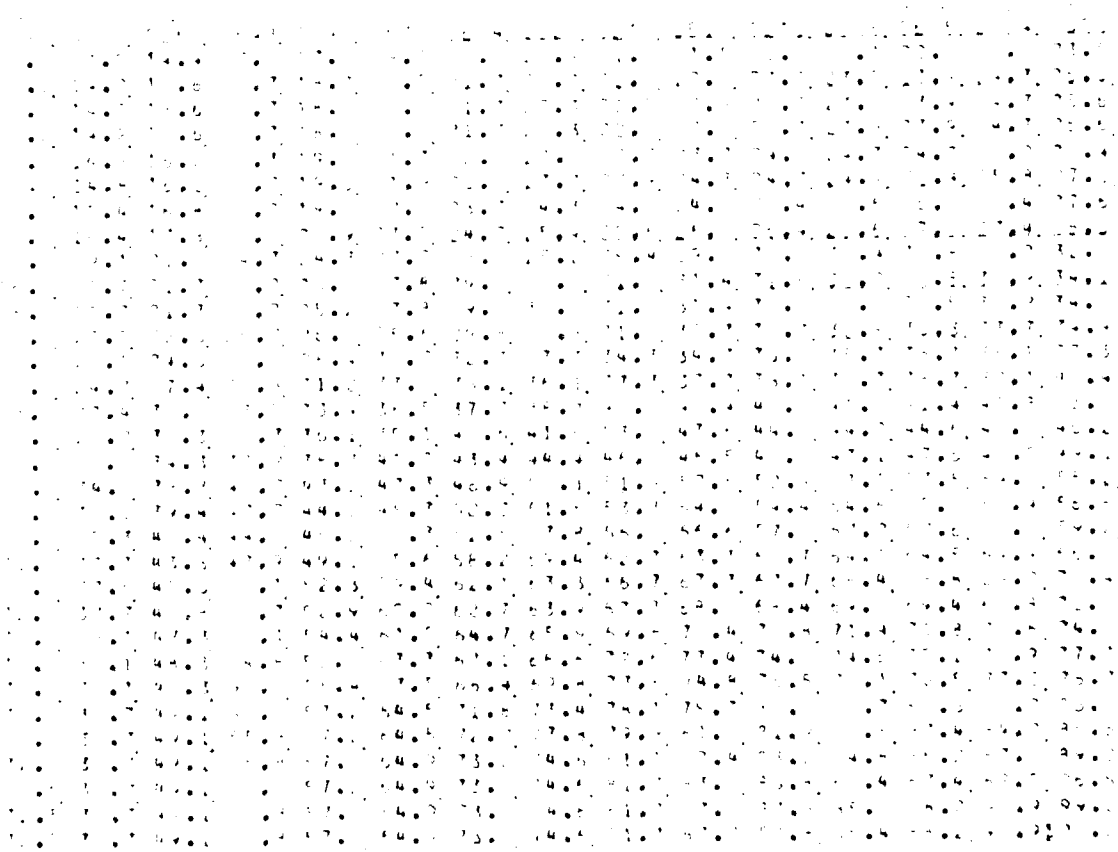
CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (HUNDREDS OF METERS)

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

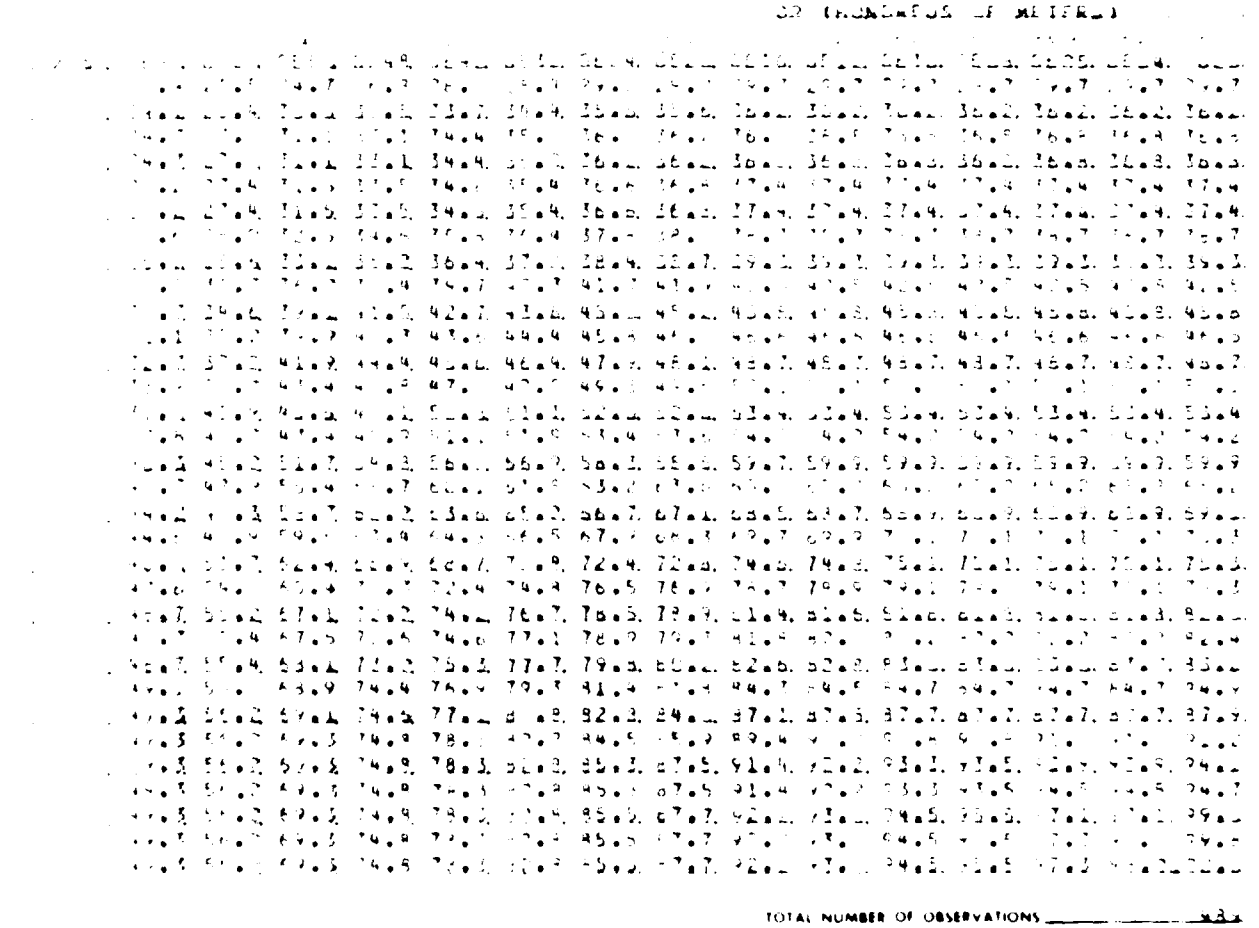
(HUNDREDS OF METERS)

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	27.4	27.4	27.4	27.6	[illegible]	[illegible]
.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	27.1	27.3	27.5	27.7	27.7	27.7	27.9	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	25.3	[illegible]	27.	[illegible]	27.7	27.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	27.3	27.7	[illegible]	[illegible]	27.9	28.1	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	27.3	27.5	[illegible]	[illegible]	[illegible]	28.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	27.3	27.5	[illegible]	28.1	[illegible]	[illegible]	28.3	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	28.3	28.7	28.9	[illegible]	[illegible]	29.1	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	34.4	34.	35.	[illegible]	[illegible]	[illegible]	[illegible]	35.4
[illegible]	[illegible]	[illegible]	[illegible]	33.4	[illegible]	35.8	[illegible]	[illegible]	36.7	36.7	36.7	36.9	37.1	37.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	35.	36.3	36.5	[illegible]	37.1	37.1	37.1	[illegible]	37.5	37.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	36.9	38.1	38.3	[illegible]	38.9	[illegible]	[illegible]	39.1	39.3	39.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	37.1	38.3	[illegible]	[illegible]	39.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	37.7	[illegible]	[illegible]	[illegible]	41.1	[illegible]	[illegible]	41.6	[illegible]	[illegible]	42.2	42.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	45.	45.4	45.6	45.6	45.6	45.8	[illegible]	46.
[illegible]	[illegible]	[illegible]	[illegible]	47.	48.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51.1	51.1
[illegible]	[illegible]	[illegible]	[illegible]	51.	[illegible]	54.4	54.6	55.	[illegible]	[illegible]	[illegible]	55.4	55.6	55.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.7	[illegible]	[illegible]	61.7	61.7	61.7	61.9	62.1	[illegible]
[illegible]	[illegible]	55.	57.8	58.9	60.5	61.7	62.1	[illegible]	62.7	62.7	62.7	62.9	63.1	63.1
44.4	[illegible]	54.9	[illegible]	63.7	[illegible]	[illegible]	[illegible]	67.6	68.4	[illegible]	68.4	[illegible]	68.8	[illegible]
[illegible]	[illegible]	62.5	[illegible]	67.5	[illegible]	71.7	[illegible]	[illegible]	73.5	73.5	73.5	73.7	73.9	73.9
47.7	[illegible]	[illegible]	[illegible]	[illegible]	73.9	75.4	75.8	76.4	[illegible]	[illegible]	[illegible]	77.4	77.6	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	74.9	76.4	76.8	77.4	78.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	67.2	[illegible]	[illegible]	76.2	77.6	[illegible]	78.6	79.4	79.4	79.4	79.6	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	71.1	74.7	[illegible]	[illegible]	[illegible]	81.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	55.4	69.4	71.3	[illegible]	78.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84.1	[illegible]	[illegible]
45.7	[illegible]	[illegible]	71.7	[illegible]	[illegible]	[illegible]	85.9	87.4	[illegible]	89.	[illegible]	89.4	[illegible]	89.6
[illegible]	[illegible]	69.5	[illegible]	76.8	81.9	[illegible]	87.	[illegible]	91.6	[illegible]	92.7	93.1	93.7	93.7
[illegible]	[illegible]	69.5	[illegible]	76.8	[illegible]	[illegible]	[illegible]	91.	92.9	93.5	94.9	[illegible]	[illegible]	96.3
[illegible]	[illegible]	69.5	[illegible]	76.8	[illegible]	[illegible]	87.4	91.4	93.5	94.7	[illegible]	96.7	97.8	[illegible]
[illegible]	[illegible]	69.5	[illegible]	76.8	[illegible]	[illegible]	87.4	91.4	[illegible]	94.7	[illegible]	97.4	98.6	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.4	[illegible]	94.7	[illegible]	97.4	98.6	[illegible]

TOTAL NUMBER OF OBSERVATIONS 4[illegible]

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (HUNDREDS OF METERS)

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

[illegible] GERMANY 77-83 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

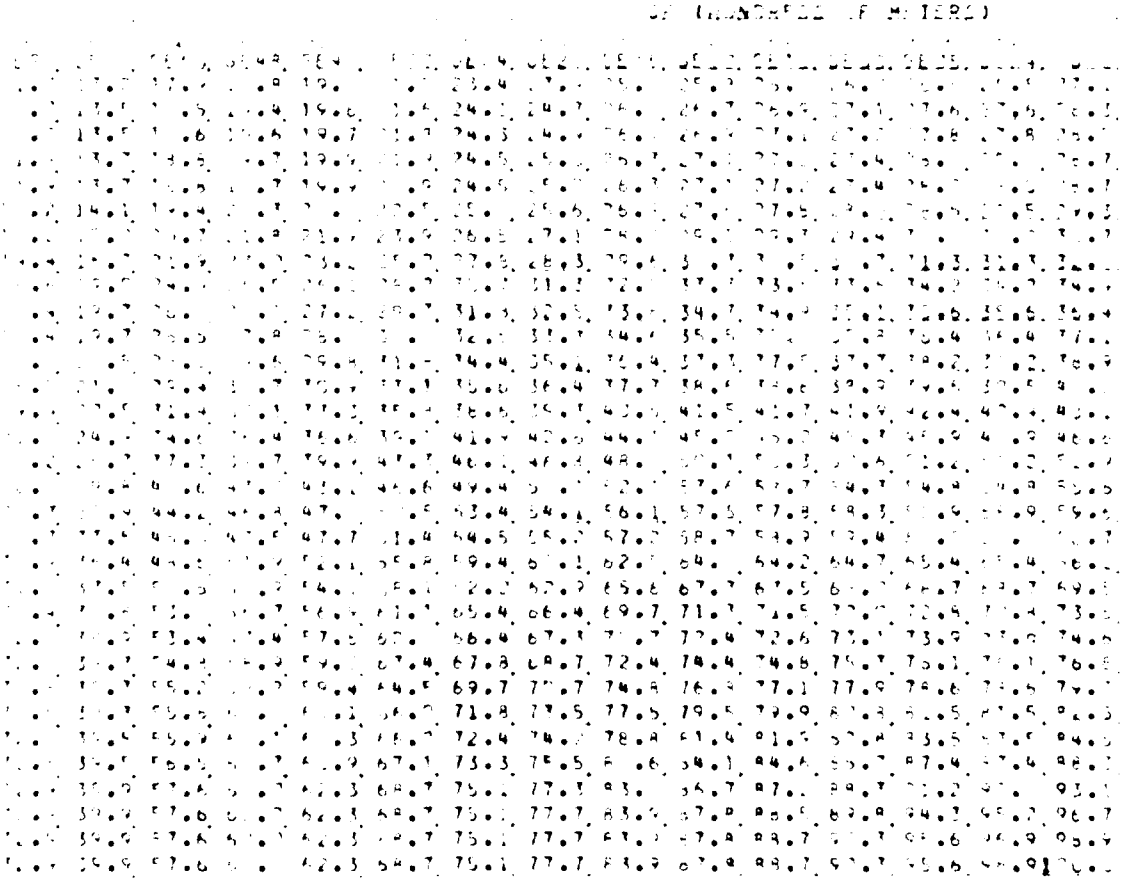
(IN THOUSANDS OF METERS)

[illegible]	[illegible]	[illegible]	[illegible]	[illegible] 45	[illegible]	[illegible] 32	[illegible] 24	[illegible]	[illegible] 16	[illegible]	[illegible] 10	[illegible]	[illegible] 5	[illegible] 4	[illegible]
	[illegible]	19.7	21.2	22.9	23.9	25.6	27.4	27.4	29.1	29.1	29.9	30.2	31.6	[illegible]	32.5
	17.2	17.7	23.2	22.9	23.9	25.6	27.4	27.4	29.1	29.1	29.9	30.2	31.6	31.6	32.5
	[illegible]	19.7	23.1	22.9	23.9	25.6	[illegible]	[illegible]	29.9	[illegible]	[illegible]	31.6	32.5	32.5	33.3
	17.2	19.7	23.1	22.9	23.9	25.6	28.2	28.2	29.9	29.9	31.2	31.5	32.5	32.5	33.3
	17.2	19.7	23.1	22.9	23.9	25.6	28.2	28.2	29.9	29.9	31.2	31.6	32.5	32.5	33.3
	[illegible]	19.7	23.9	24.8	24.8	26.5	29.2	29.1	30.5	31.2	31.2	32.5	33.3	33.3	34.2
	[illegible]	[illegible]	25.6	24.5	26.5	[illegible]	[illegible]	[illegible]	32.2	33.3	33.3	34.2	[illegible]	[illegible]	35.9
	[illegible]	21.4	25.5	27.9	27.4	29.1	31.2	31.6	33.1	33.3	34.2	35.0	35.5	35.9	36.3
	[illegible]	27.3	29.2	[illegible]	29.9	[illegible]	33.7	[illegible]	35.0	35.0	35.0	36.8	37.6	37.6	38.5
	[illegible]	23.9	27.2	27.9	29.9	31.5	34.2	34.2	35.4	35.2	36.2	37.2	38.5	38.5	39.3
	[illegible]	24.8	29.9	[illegible]	[illegible]	[illegible]	35.	35.	36.8	36.8	37.6	[illegible]	39.3	39.3	40.2
	[illegible]	28.2	33.1	34.2	34.2	35.9	38.5	38.5	40.2	40.2	41.0	41.9	42.7	42.7	43.6
	[illegible]	[illegible]	34.2	[illegible]	35.	36.8	39.3	39.3	41.	41.	41.	42.7	43.6	43.6	44.4
	[illegible]	[illegible]	35.9	38.1	39.1	41.0	43.6	43.6	46.2	46.2	47.0	47.9	48.7	48.7	49.6
	[illegible]	[illegible]	40.2	41.0	41.0	42.7	45.3	45.3	48.7	48.7	49.6	50.4	51.3	51.3	52.1
	[illegible]	37.6	45.3	47.0	47.0	48.7	52.1	52.1	56.4	57.3	58.1	59.0	59.8	59.8	60.7
	[illegible]	[illegible]	47.0	[illegible]	48.7	50.4	54.7	54.7	59.	59.8	[illegible]	[illegible]	62.4	62.4	63.2
	[illegible]	[illegible]	52.4	[illegible]	52.1	53.8	58.1	58.1	62.4	63.2	64.1	65.0	65.8	65.8	66.7
	[illegible]	[illegible]	[illegible]	[illegible]	52.1	53.8	56.0	58.1	62.4	63.2	64.1	65.	65.8	65.8	66.7
	[illegible]	[illegible]	53.0	55.4	56.4	58.1	62.4	62.4	66.7	67.5	68.4	69.2	70.1	70.1	70.9
	[illegible]	[illegible]	54.7	[illegible]	57.3	[illegible]	63.2	63.2	68.4	69.2	[illegible]	70.9	71.8	71.8	72.6
	[illegible]	[illegible]	57.3	[illegible]	59.0	61.5	65.8	65.8	70.9	71.8	72.6	73.5	74.4	74.4	75.2
	[illegible]	47.6	[illegible]	[illegible]	60.7	63.2	68.4	68.4	73.5	74.4	75.2	76.1	76.9	[illegible]	77.8
	76.0	47.6	59.8	62.4	62.4	65.0	70.1	70.1	75.2	76.1	76.9	77.8	78.6	78.6	79.5
	76.0	47.6	59.8	62.4	62.4	65.0	70.9	70.9	76.1	76.9	78.6	[illegible]	[illegible]	[illegible]	81.2
	76.0	47.6	59.8	62.4	62.4	65.0	71.8	71.5	77.5	78.6	80.3	81.2	82.1	82.1	82.9
	76.0	47.6	59.8	62.4	62.4	65.8	72.6	72.6	79.1	[illegible]	[illegible]	82.9	83.8	[illegible]	85.5
	76.0	47.6	59.8	62.4	62.4	65.8	72.6	72.6	81.2	82.9	84.6	85.5	86.3	86.3	88.0
	76.9	47.6	59.8	62.4	62.4	65.8	72.6	72.6	81.2	82.9	84.6	85.7	86.9	87.7	[illegible]
	76.0	47.6	59.8	62.4	62.4	65.8	72.6	72.6	82.0	83.3	86.3	88.9	94.0	95.7	99.0
	76.0	47.6	59.8	62.4	62.4	65.8	72.6	72.6	[illegible]	[illegible]	86.3	88.9	94.	95.7	99.1
	76.0	47.6	59.8	62.4	62.4	65.8	72.6	72.6	82.1	83.9	86.3	88.9	94.0	95.7	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS _____ 541

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (HUNDREDS OF FEET)

TOTAL NUMBER OF OBSERVATIONS

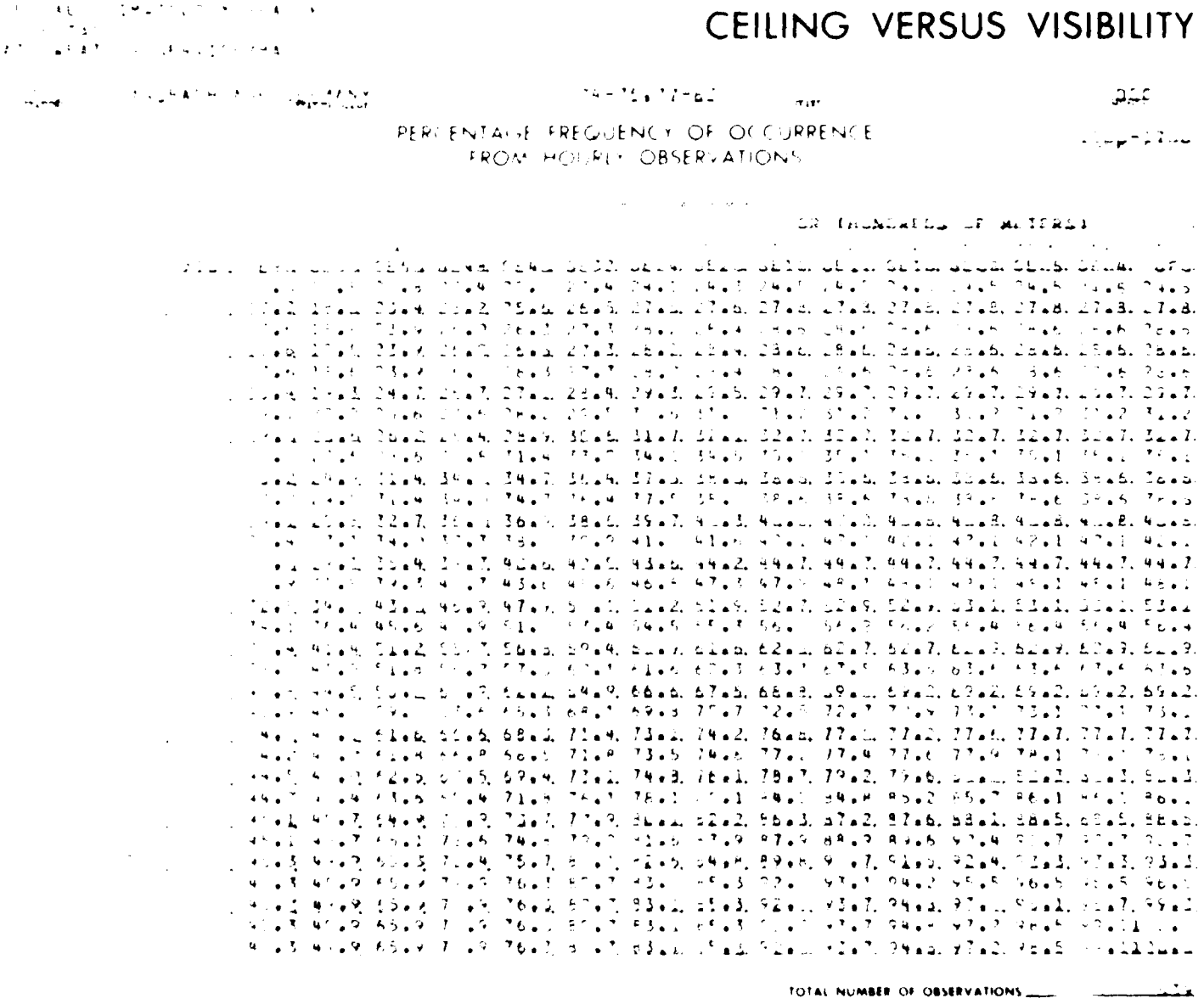
CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

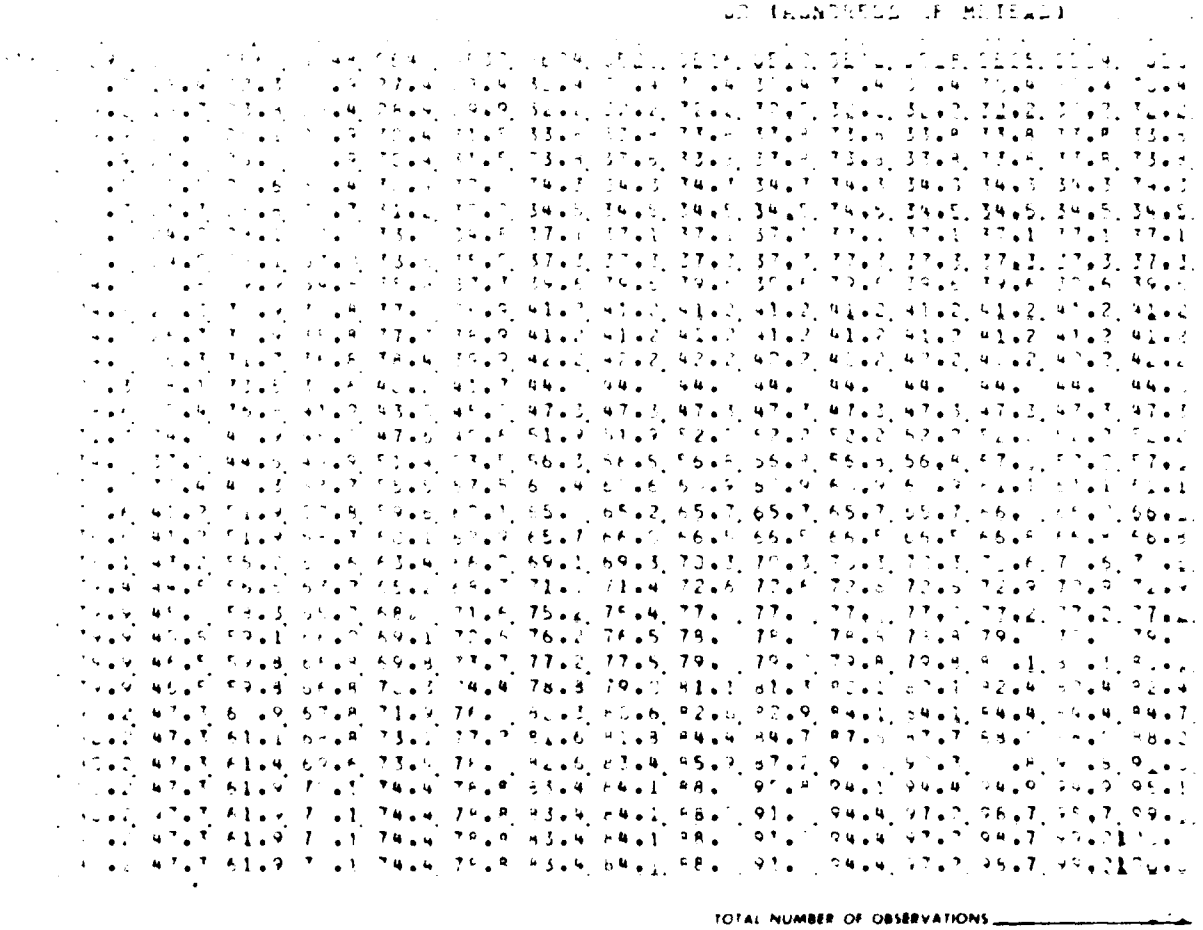
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



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 representations follows:

1. Cumulative percentage frequency of occurrence--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 5-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)

4

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 17 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 ".0" represents one or more occurrences amounting to less than .05 percent.

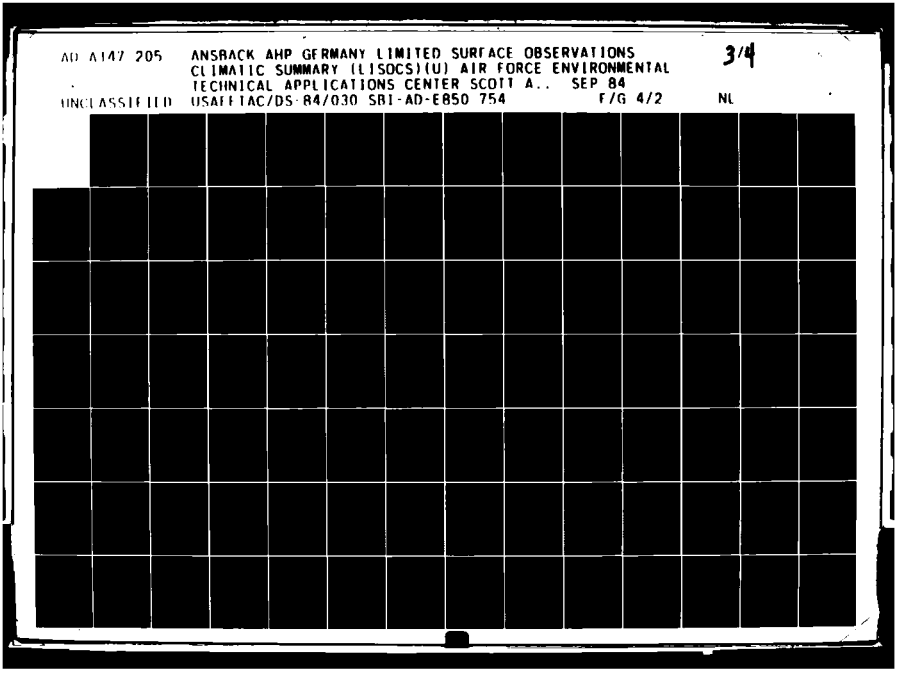
b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dewpoint temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\overline{X}$), and standard deviations (σx). The number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

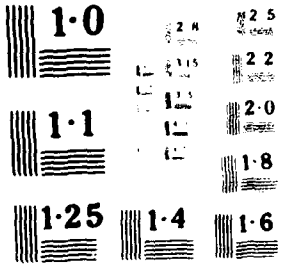
c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dewpoint temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the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

Continued on Reverse

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 again at the bottom for all hours combine. 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 percent classes, plus the mean relative humidity and total number of observations presented by month and available 3-hour groups.


AD A147 205
ANSBACK AHP GERMANY LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCS)(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. SEP 84
3/4
UNCLASSIFIED
USAFETAC/DS-84/030 SBI-AD-E850 754
F/G 4/2
NL


1·0
1·1
1·25
1·4
1·6
2·2
2·0
1·8

DAILY TEMPERATURES

[illegible] METEOROLOGY [illegible]

[illegible]

[illegible] SERVICE/MAC

[illegible] RACH AIR B GERMANY

[illegible]

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS

MAXIMUM

							.2							.2
						.2	1.9	.5						.2
					.2	.4	5.7	1.4	.7					.1
					.3	2.	9.8	22.5	12.6	3.				11.1
					.9	9.2	27.6	38.3	33.2	13.3	.4			12.2
				.7	3.1	21.5	45.2	56.4	53.7	28.6	3.6			17.6
				2.5	11.1	39.4	61.3	71.7	76.5	48.4	13.1	.2		26.8
				7.9	25.4	57.	79.7	89.6	86.7	74.7	28.8	2.4		37.7
		.2	5.4	42.4	80.0	94.2	98.6	99.3	94.9	54.3	8.3	.7		48.5
	.1	5.3	29.7	64.2	87.9	99.7	100.0	99.8	98.6	73.4	20.7	3.4		56.8
	7.9	21.1	57.7	76.	96.8	100.0		100.0	99.8	87.3	38.6	10.3		65.5
	22.2	36.5	72.8	92.5	100.0				100.0	97.2	57.9	23.8		75.2
	46.7	53.1	91.1	99.1						100.0	80.7	50.1		85.7
	74.4	85.4	97.6	100.0							97.6	77.3		94.
	96.1	97.4	99.3								99.3	91.8		97.8
	94.2	99.3	100.								100.0	98.2		99.7
	98.5	99.8										99.5		99.8
	100.0	100.0										100.0		100.0
MEAN	53.5	57.4	65.2	72.5	81.8	87.0	91.4	90.5	85.1	74.8	62.1	54.8		73.1
	9.222	7.568	8.977	9.65	9.153	8.781	9.791	7.921	7.768	8.176	8.383	7.504		16.022
	465	467	45	475	467	474	431	483	47	466	47	437		5268

USAFETAC [illegible] (OL A) [illegible]

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC
[illegible]SBACH AHP GERMANY 45-84

DAILY TEMPERATURES

[illegible]ULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS

MINIMUM

[illegible]	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]					.		.2						.
[illegible]						1.4	3.7	.9					.5
[illegible]				.	.	9.7	24.8	17.4	2.6				4.6
[illegible]				.7	[illegible].2	4[illegible].6	57.3	53.3	19.5	[illegible].8			[illegible].3
[illegible]			.[illegible]	3.[illegible]	[illegible]3.6	74.2	88.9	96.9	51.4	17.4	1.7		2[illegible].7
[illegible]	.[illegible]	[illegible].	4.[illegible]	16.	61.[illegible]	91.2	98.4	97.1	76.5	37.1	5.4	2.[illegible]	4[illegible].[illegible]
[illegible]	[illegible].5	6.[illegible]	16.4	[illegible]7.4	[illegible]6.6	98.3	1[illegible]0.0	99.3	94.9	61.2	[illegible]1.7	6.6	[illegible]2.7
[illegible]	[illegible].8	[illegible].[illegible]	46.7	43.5	[illegible]6.8	100.[illegible]		100.0	99.5	84.5	[illegible].2	2[illegible].4	[illegible]6.8
[illegible]	[illegible].1	[illegible].7	59.9	75.5	98.4				99.8	9[illegible].6	61.7	36.4	73.3
[illegible]	45.[illegible]	53.[illegible]	76.[illegible]	93.4	99.5				1[illegible]0.0	97.4	77.1	52.4	82.7
[illegible]	67.[illegible]	[illegible].7	91.4	99.8	[illegible]0.[illegible]					99.4	91.9	71.9	9[illegible].
[illegible]	7[illegible].5	84.7	95.1	1[illegible]0.[illegible]						100.0	9[illegible].4	84.4	95.[illegible]
[illegible]	[illegible]8.[illegible]	9[illegible].[illegible]	98.9								100.0	95.2	98.1
	5.1	[illegible].3	99.6									98.6	99.4
	[illegible]8.7	1[illegible].[illegible]	[illegible].									99.5	99.8
	[illegible]0.											99.8	1[illegible].0
[illegible]												[illegible]0.[illegible]	[illegible].0
MEAN	26.[illegible]	[illegible].7	33.5	37.8	46.4	5[illegible].6	55.5	54.5	49.1	41.9	34.4	26.7	4[illegible].8
[illegible]	[illegible].064	7.510	6.843	6.465	6.[illegible]64	5.685	5.287	4.968	5.7[illegible]8	7.[illegible]63	7.0[illegible]1	8.094	12.197
[illegible]	469	[illegible]7	456	425	44[illegible]	434	431	443	43[illegible]	466	42[illegible]	437	5268

DAILY TEMPERATURES

[illegible] CLIMATOLOGY BRANCH
USAFETAC
[illegible] SERVICE/MAC
[illegible] ASCHACH AMP, GERMANY

65-84

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS

							.2							
							.7							.1
						.7	5.6	4.6						.6
				.4	1.6	6.3	21.9	13.3	2.1					1.9
				.9	7.5	21.6	46.2	28.8	12.6	.9				11.4
			.4	2.4	23.4	55.1	68.2	49.8	35.3	3.6	.2			21.4
			2.6	9.6	48.	81.2	92.1	93.2	66.7	22.5	1.9			34.6
		.5	5.1	23.2	73.4	94.2	100.0	98.9	92.1	44.6	6.2	.9		45.9
	.1	.5	12.6	52.9	93.4	99.8		100.0	98.6	69.7	21.7	5.6		65.9
	12.2	17.7	31.5	73.4	98.6	100.0			100.0	91.3	43.8	15.6		76.9
	32.2	46.3	75.7	96.2	100.0					99.4	68.6	38.		89.6
	56.6	71.7	93.2	99.8						100.0	89.5	65.7		95.9
	78.3	86.3	98.2	100.0							96.9	83.1		98.2
	91.8	97.4	99.3								100.0	94.7		99.4
	95.9	99.3	99.6									98.6		99.8
	98.5	100.0	100.0									99.8		100.0
	100.0												100.0	
MEAN	72.4°	33.3°	39.6°	45.4°	54.3°	6 .5°	63.7°	62.8°	57.4°	48.6°	38.5°	32.0°		47.2
	5.288	7.105	7.353	7.412	6.910	6.704	6.649	5.684	5.977	6.821	7.389	7.6 3		13.786
	469	417	456	475	480	434	431	443	430	446	420	477		5258

USAFETAC [illegible] (OL A) [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

Element	Σx	Σx²	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 Form 0-26-5 (OL-A)

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp (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.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]													[illegible]		[illegible]	[illegible]	[illegible]

Element X	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs	≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	85.[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	9.75[illegible]	[illegible]		59.[illegible]					
Wet Bulb	[illegible]	[illegible]	27.[illegible]	[illegible]	[illegible]		66.[illegible]					
Dew Point	[illegible]	[illegible]	25.[illegible]	[illegible]	[illegible]	.3	[illegible]					

(Columns ≤ 0 F through Total are headed "Mean No. of Hours with Temperature".)

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												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

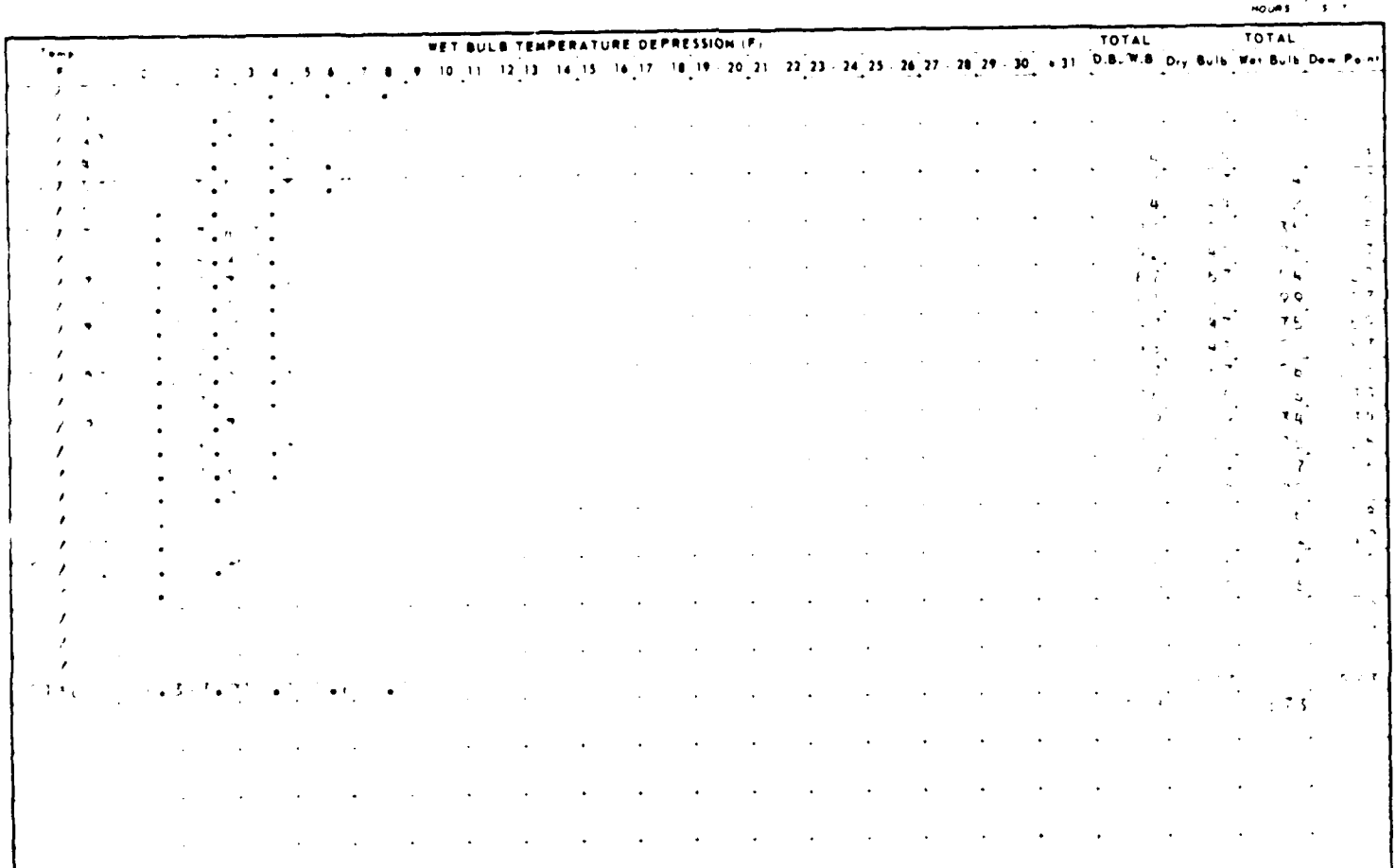
STATION | STATION NAME | YEARS | MONTH | HOURS

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	$\Sigma_{X'}$	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



Element	Σx'	Σx	x̄	σx	No. Obs	Mean No. of Hours with Temperature					Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.			86.									
Dry Bulb			73.				45.					
Wet Bulb			71.				57.					
Dew Point			63.4		573		66.					

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	$\Sigma_{X'}$	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_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.	TOTAL Wet Bulb	TOTAL Dew Point
130																																			
125																																			
120																																			
115																																			
110																																			
105																																			
100																																			
95																																			
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-30																																			
-35																																			
-40																																			
-45																																			
-50																																			

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)																											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^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
Wet Bulb												
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
[illegible]																																				

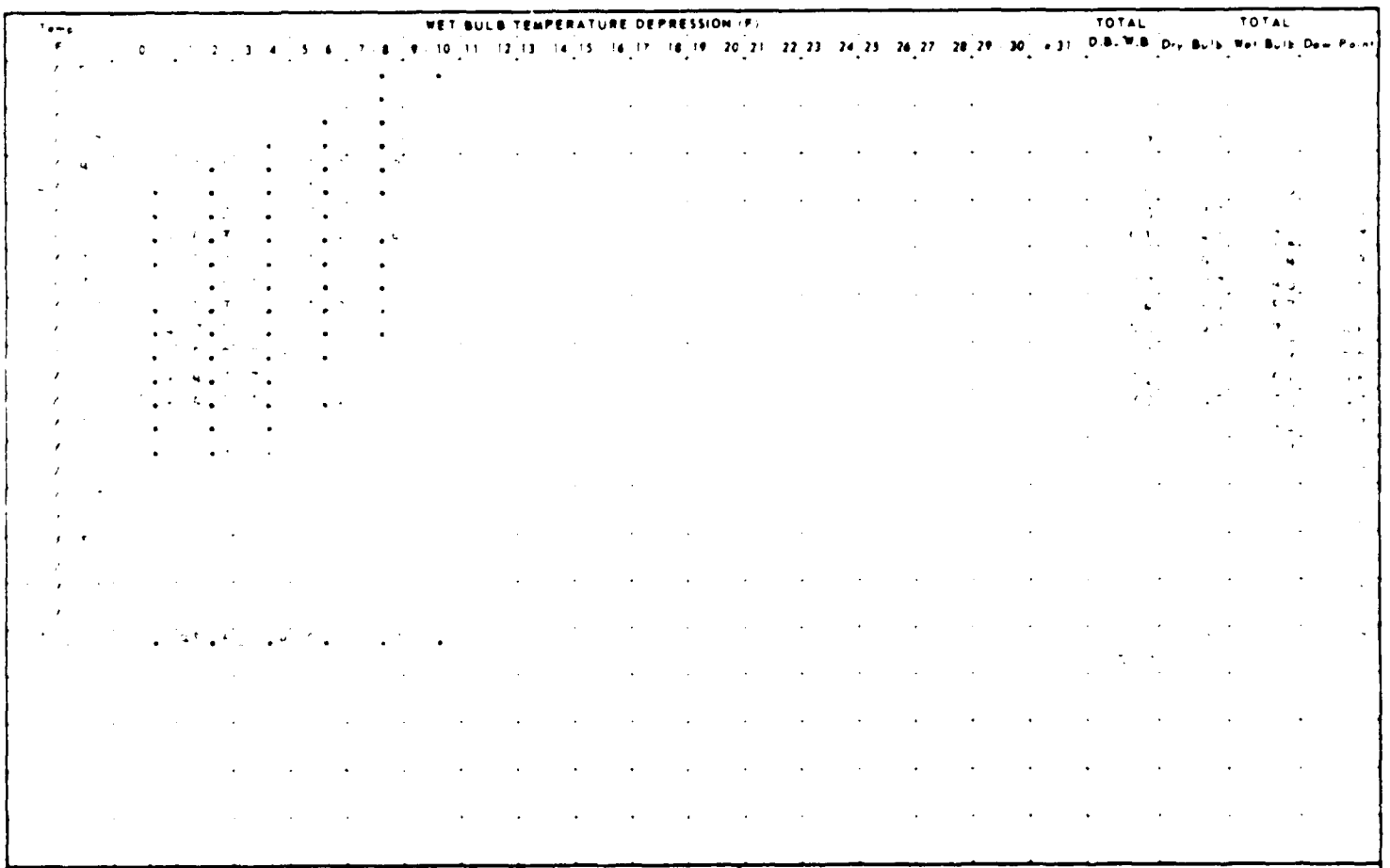
Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					
Wet Bulb	[illegible]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

USAFETAC

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS

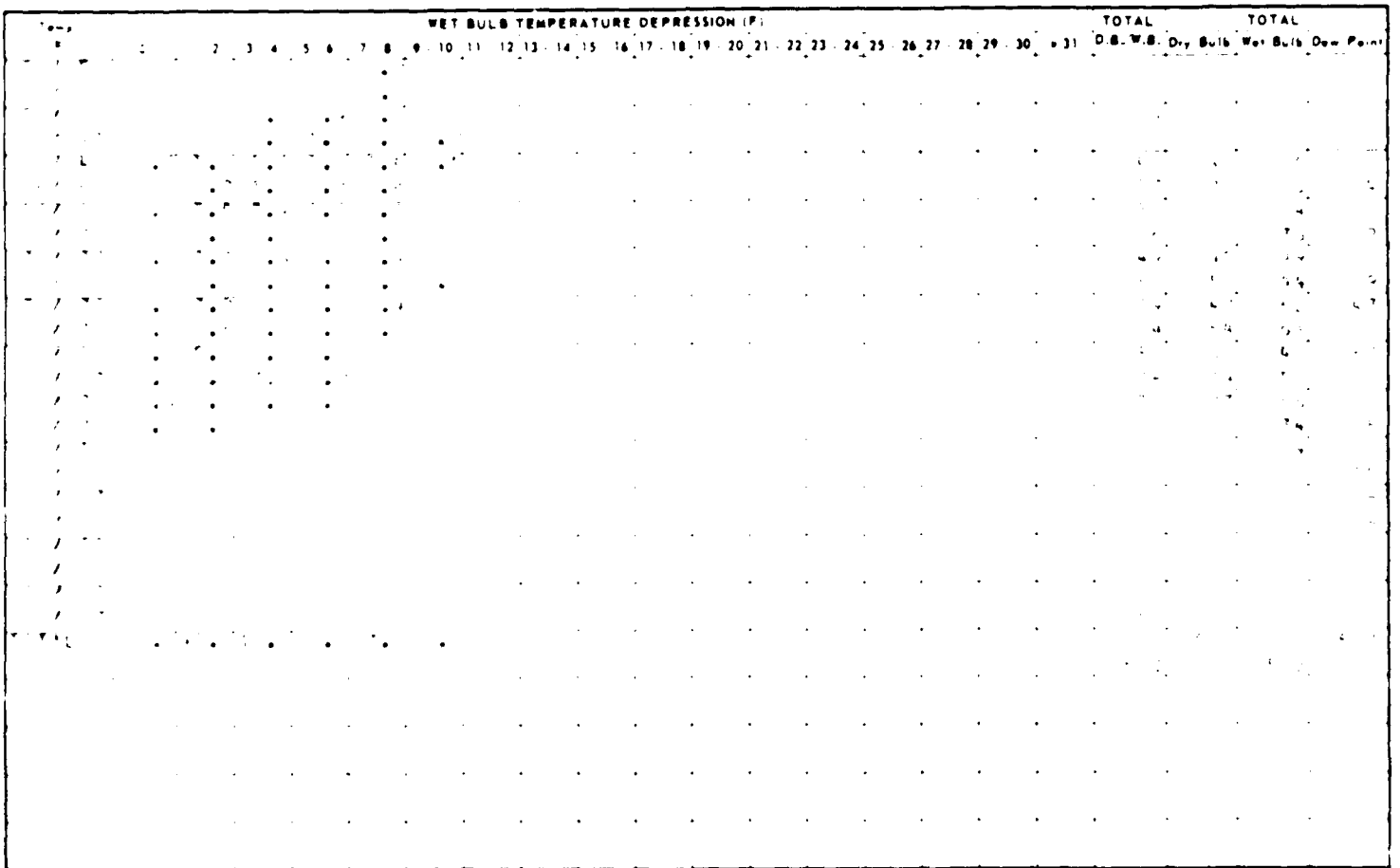


Element	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS



Element (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
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
[illegible]																																				

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]					
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					

USAFETAC [illegible] 0-26 [illegible] 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												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS

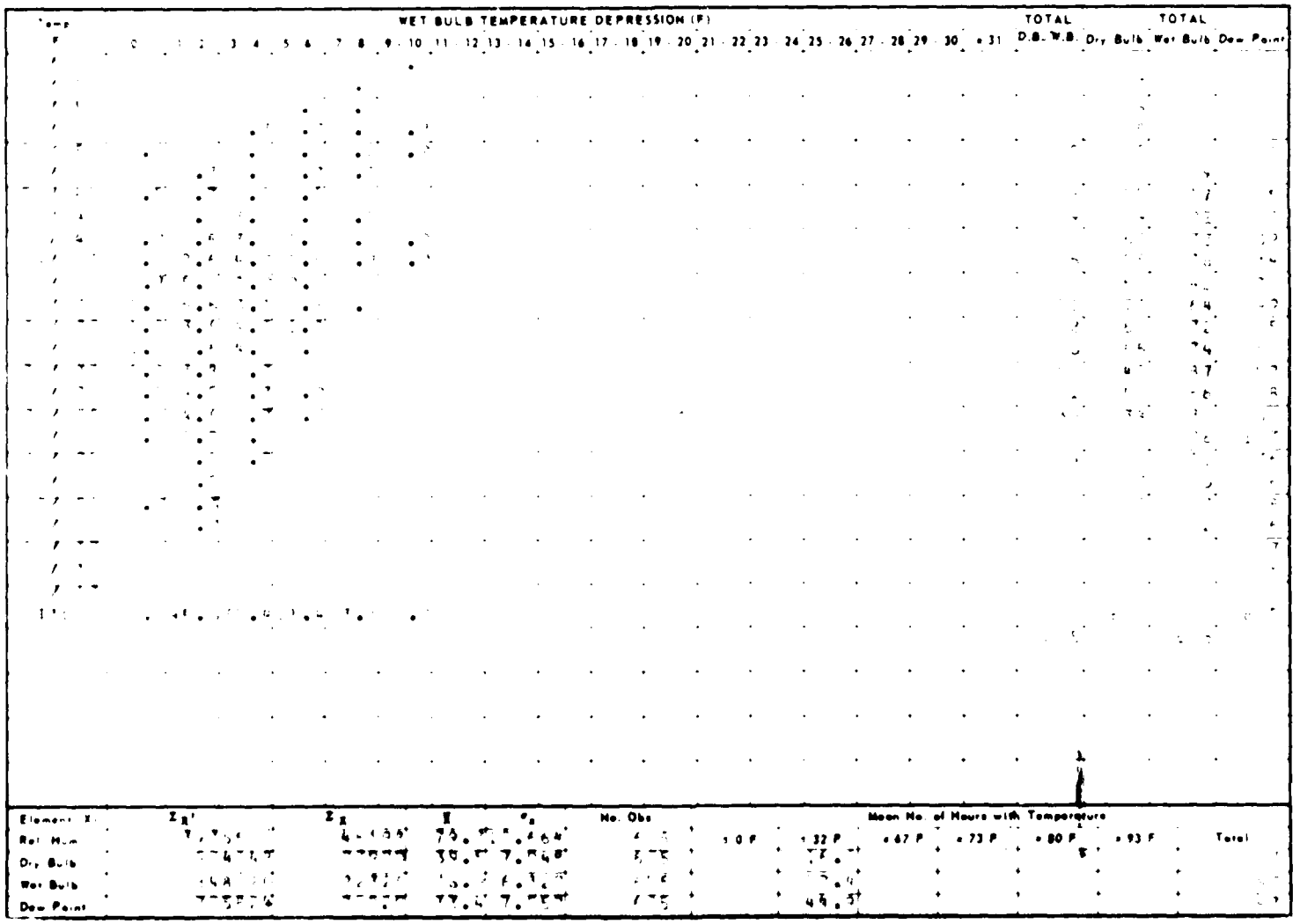
Temp °F	WET BULB TEMPERATURE DEPRESSION (°F) 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	+31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point

Element X	$\Sigma_{X'}$	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	$\Sigma_{R'}$	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

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

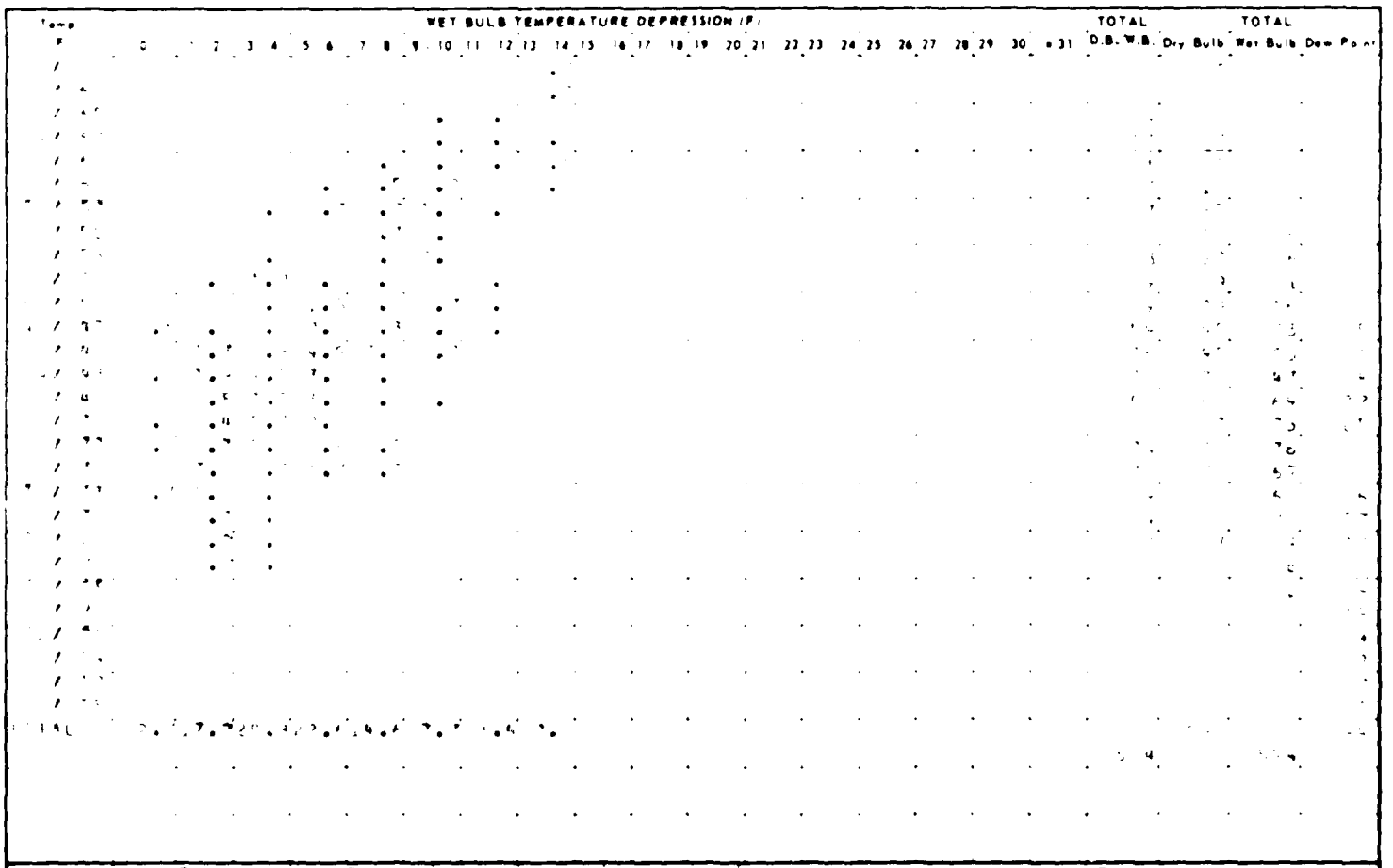
HOURS

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												

PSYCHROMETRIC SUMMARY

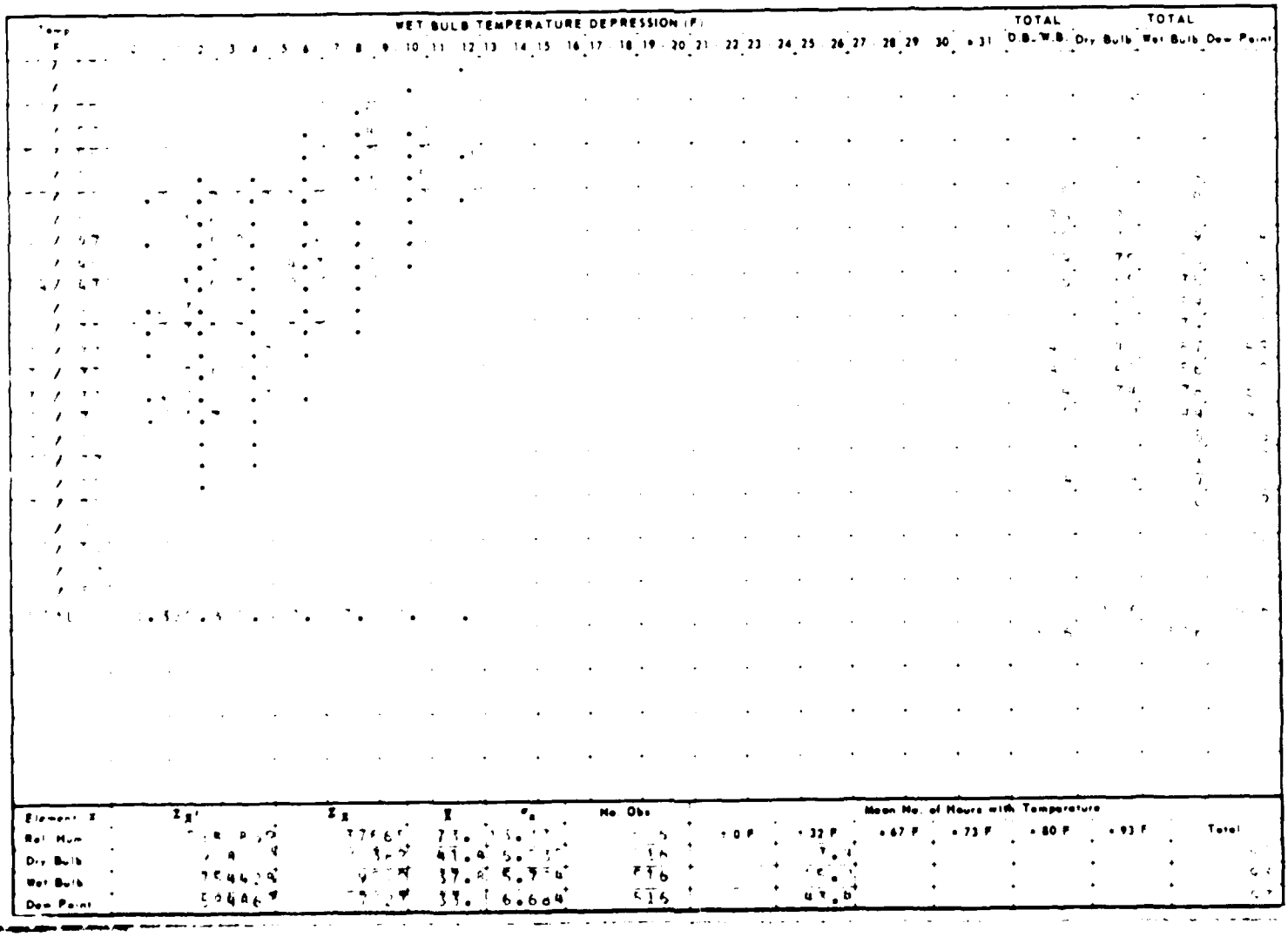
STATION STATION NAME YEARS MONTH HOURS



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	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH HOURS



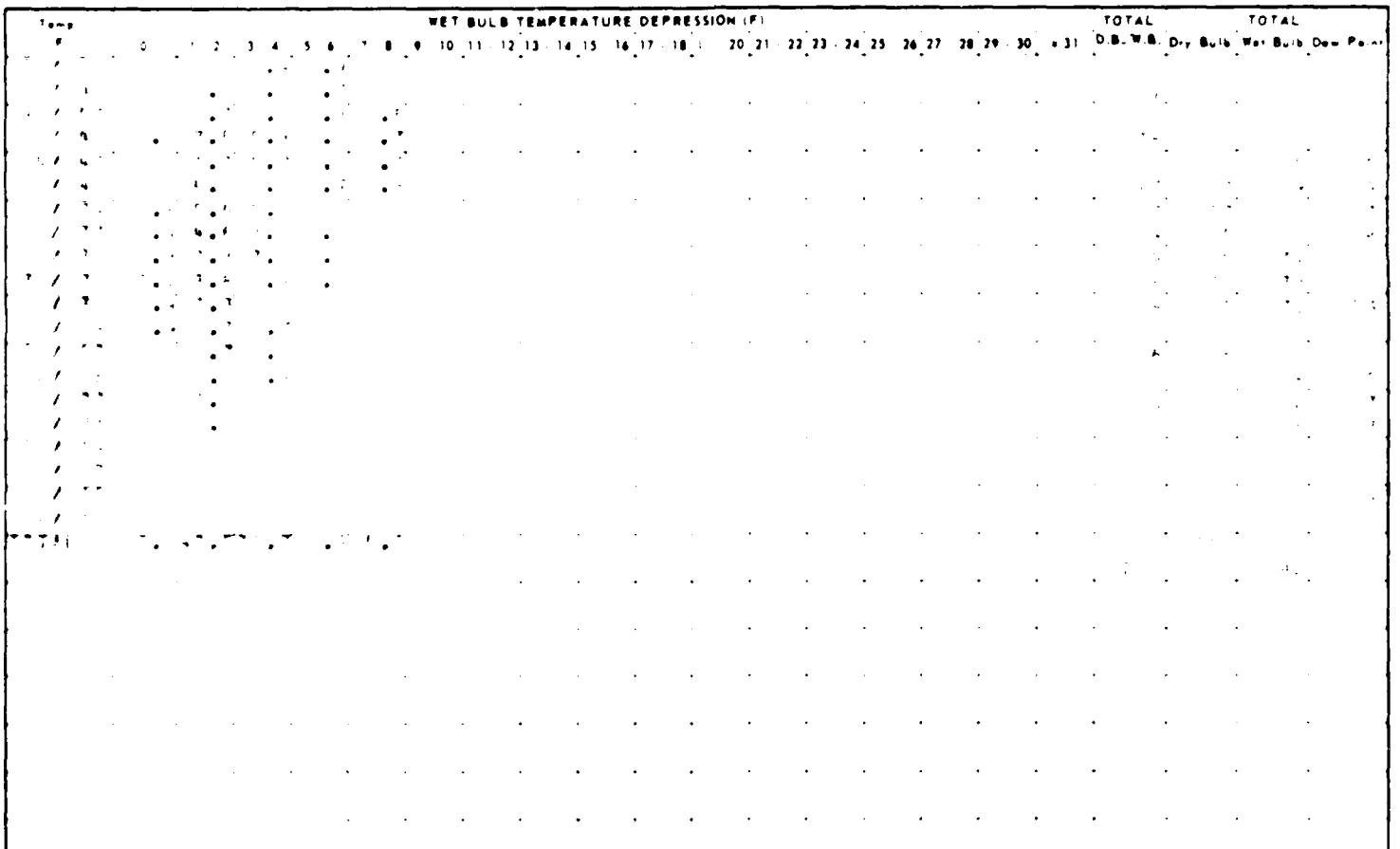
Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs
Rel Hum					
Dry Bulb					
Wet Bulb					
Dew Point					

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



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

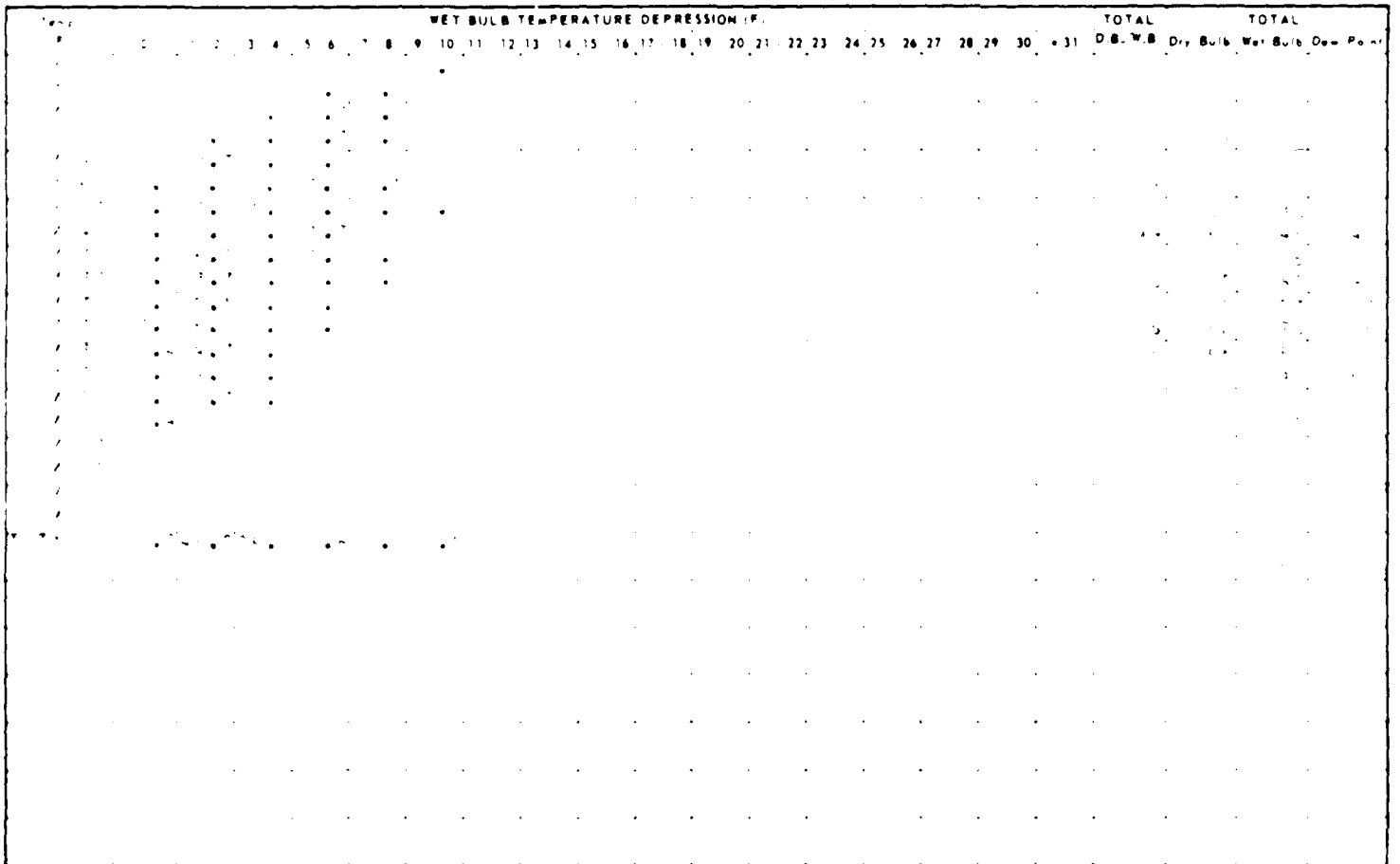
Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	+31	TOTAL D.B.-W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

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												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS

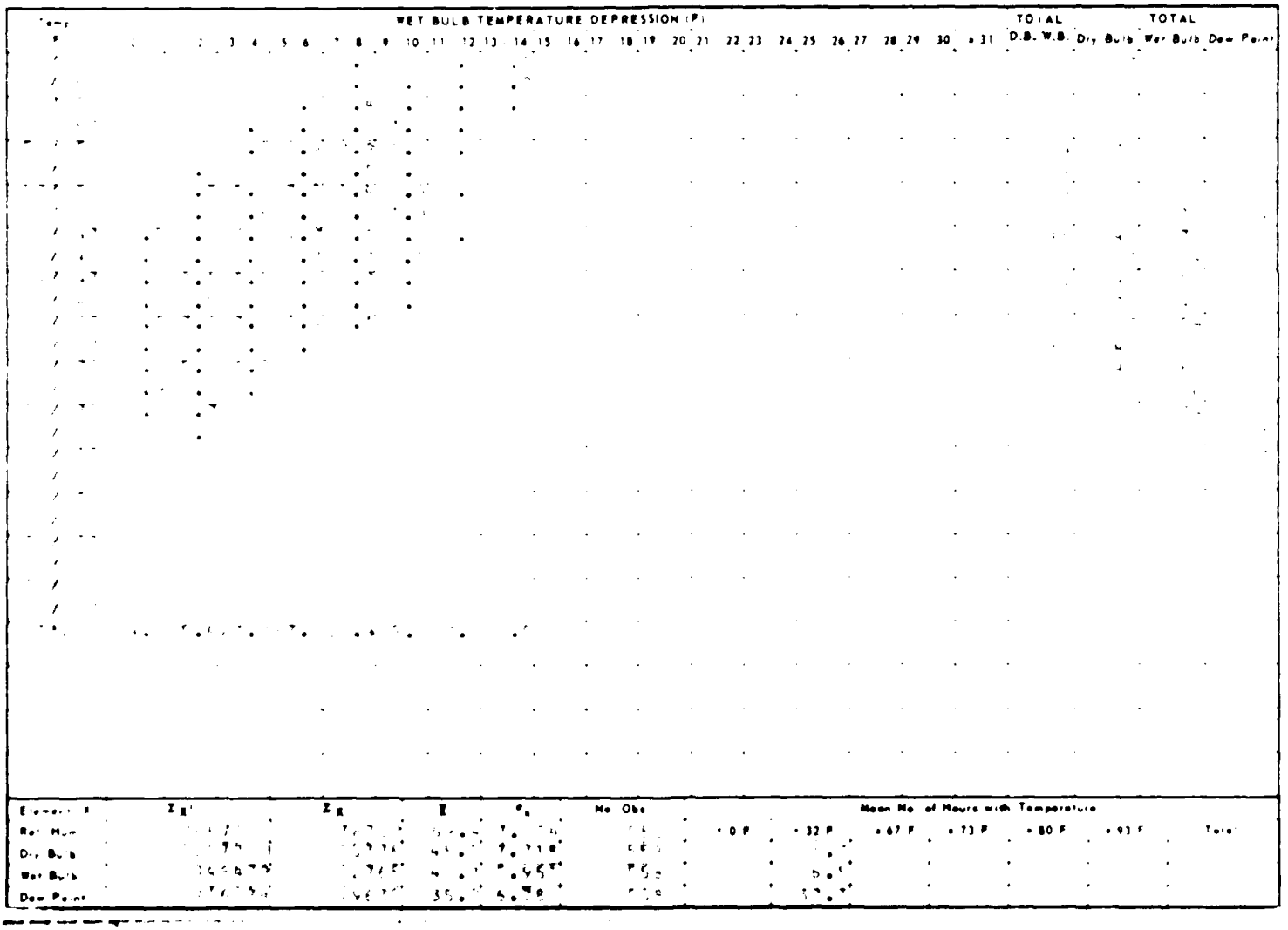


Element	Σ_R	Σ_R	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC Form 0-26S

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS



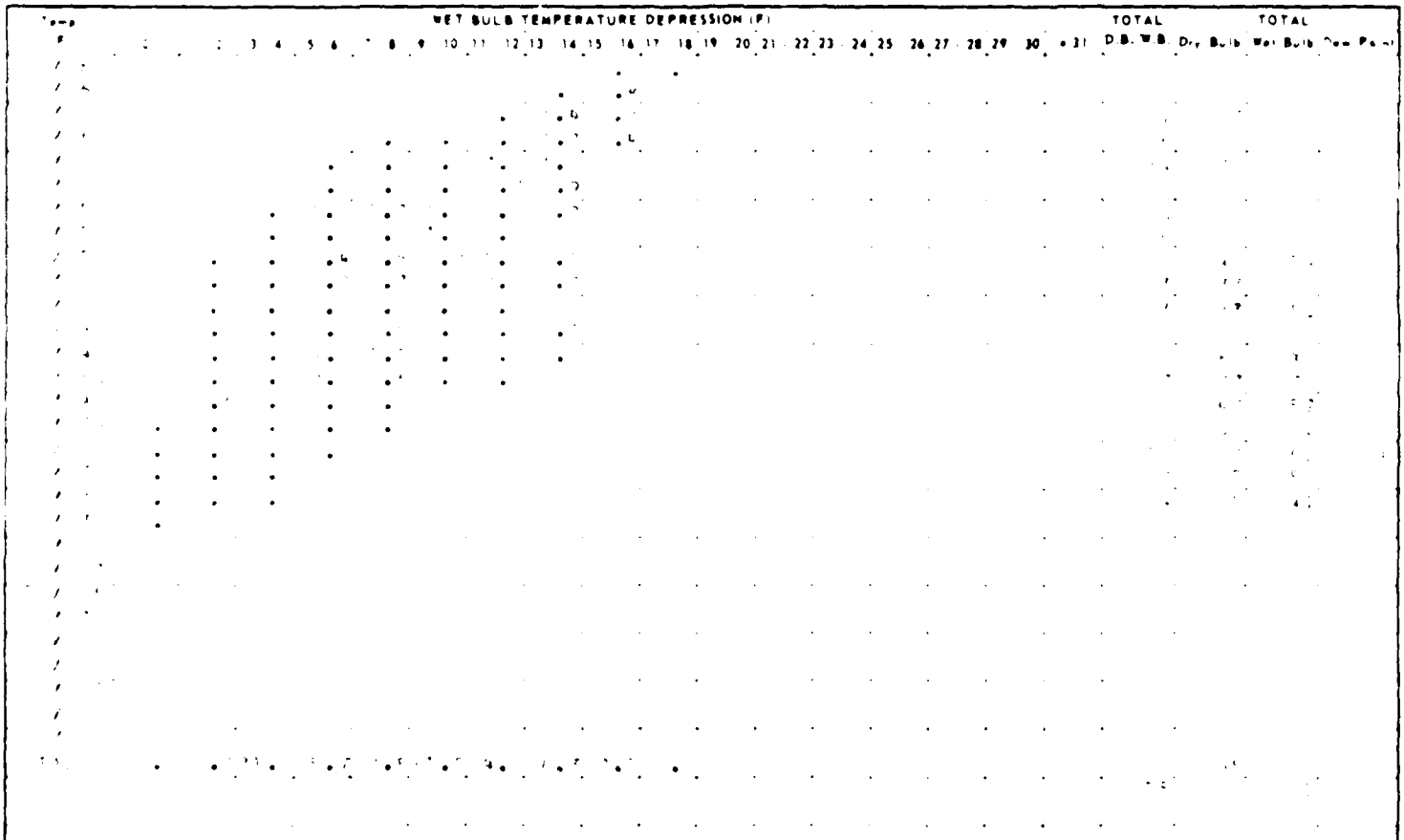
Element	Σ	Σ	x̄	σ	No Obs	Mean No of Hours with Temperature						
						- 0 F	- 32 F	- 67 F	- 73 F	- 80 F	- 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS

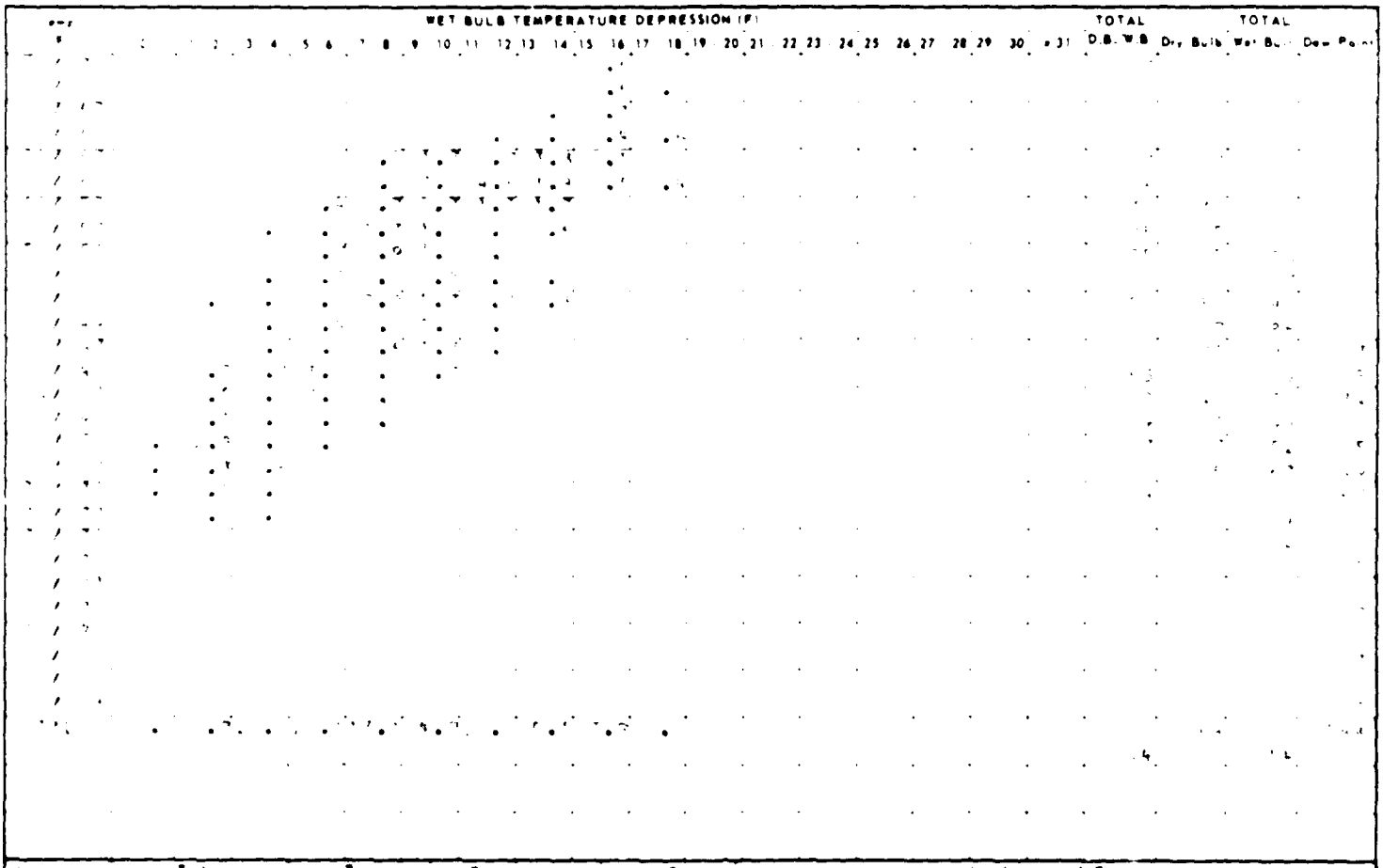


Element	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No Obs	Mean No of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS



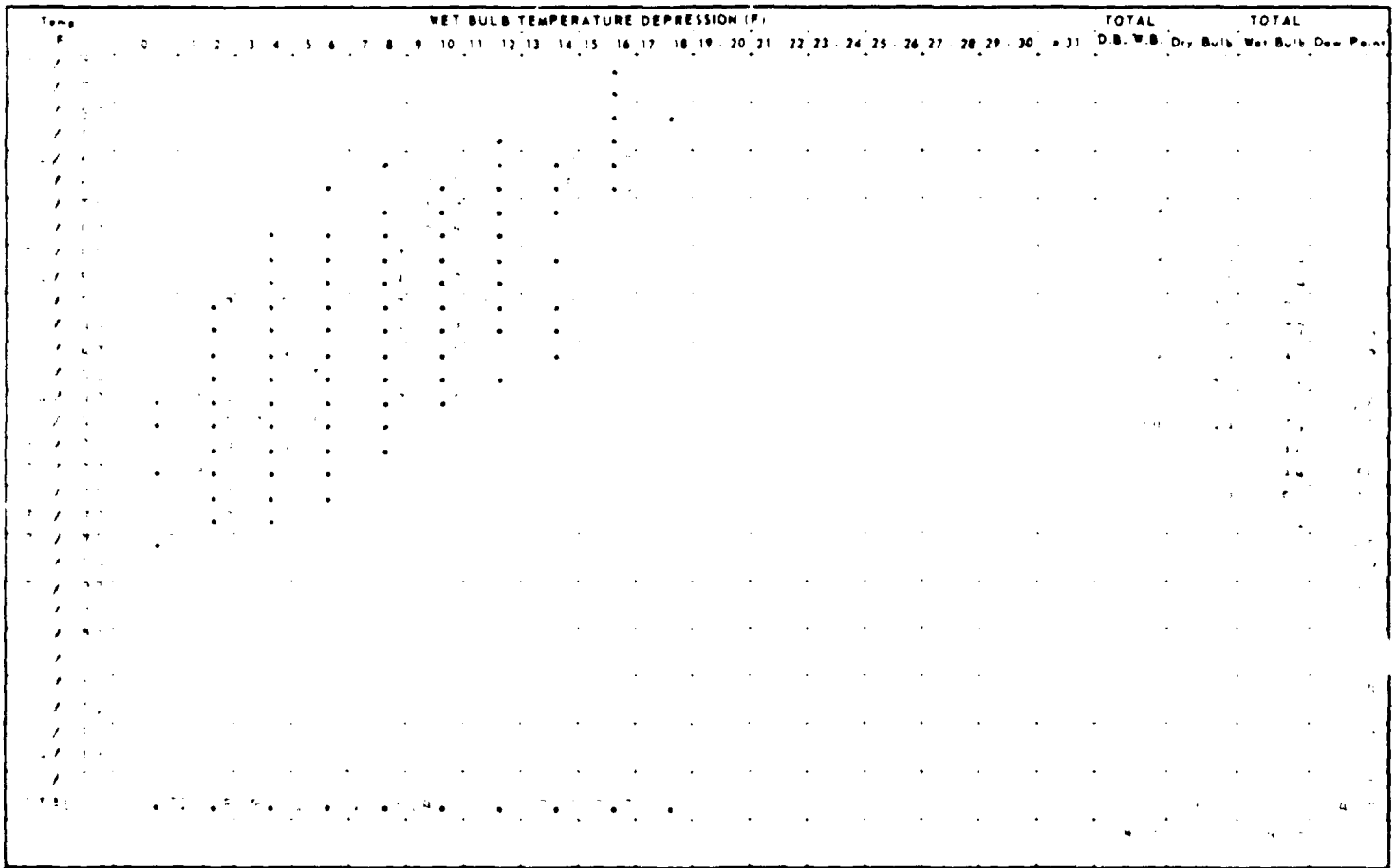
Element X	ΣX	ΣX^2	$\bar{X}$	σ_x	No Obs	Mean No of Hours with Temperature						
						+0 F	+32 F	+67 F	+73 F	+80 F	+93 F	Total
Wet Bulb												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS



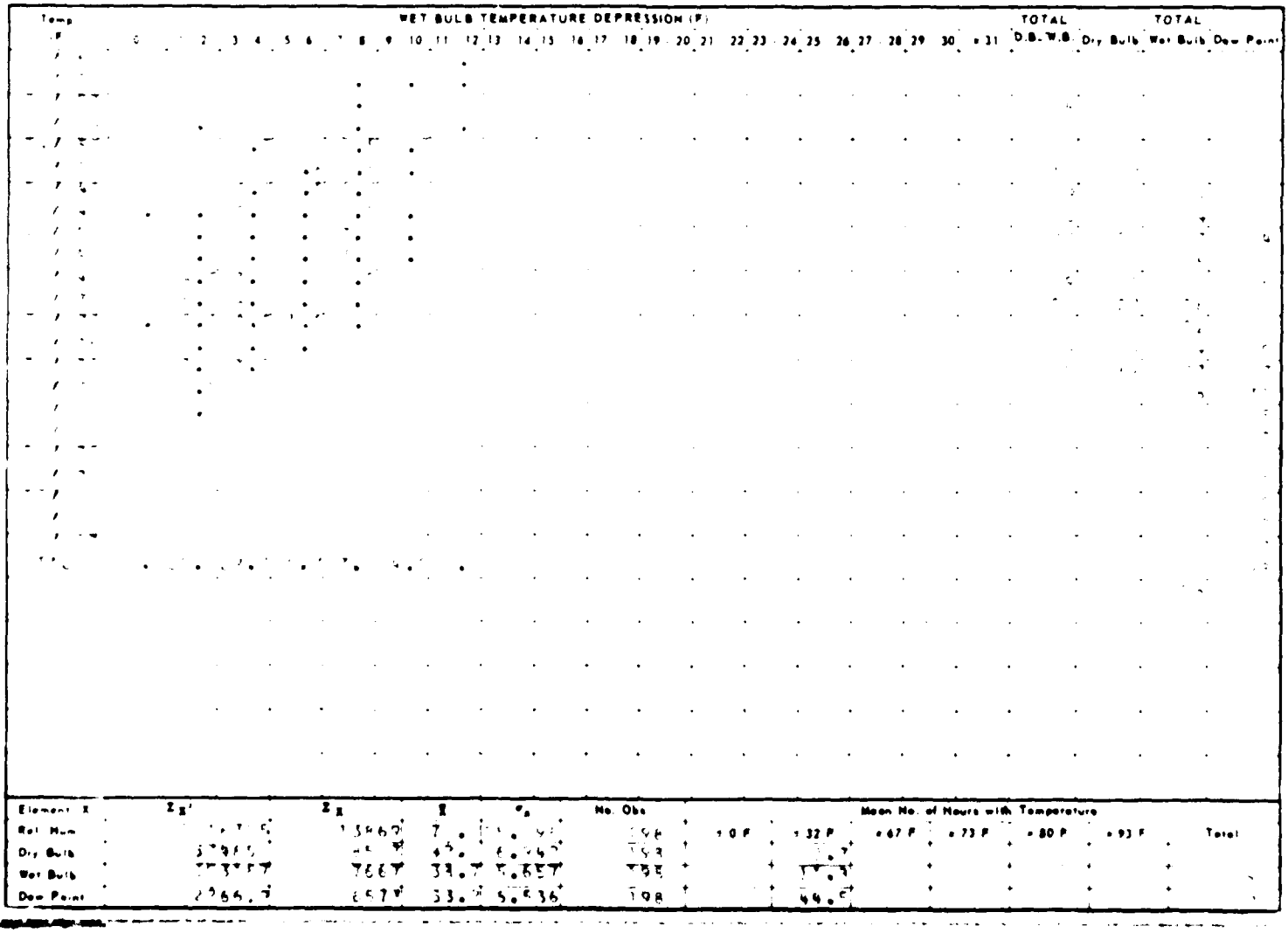
Element X	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No Obs	Mean No of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

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
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

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

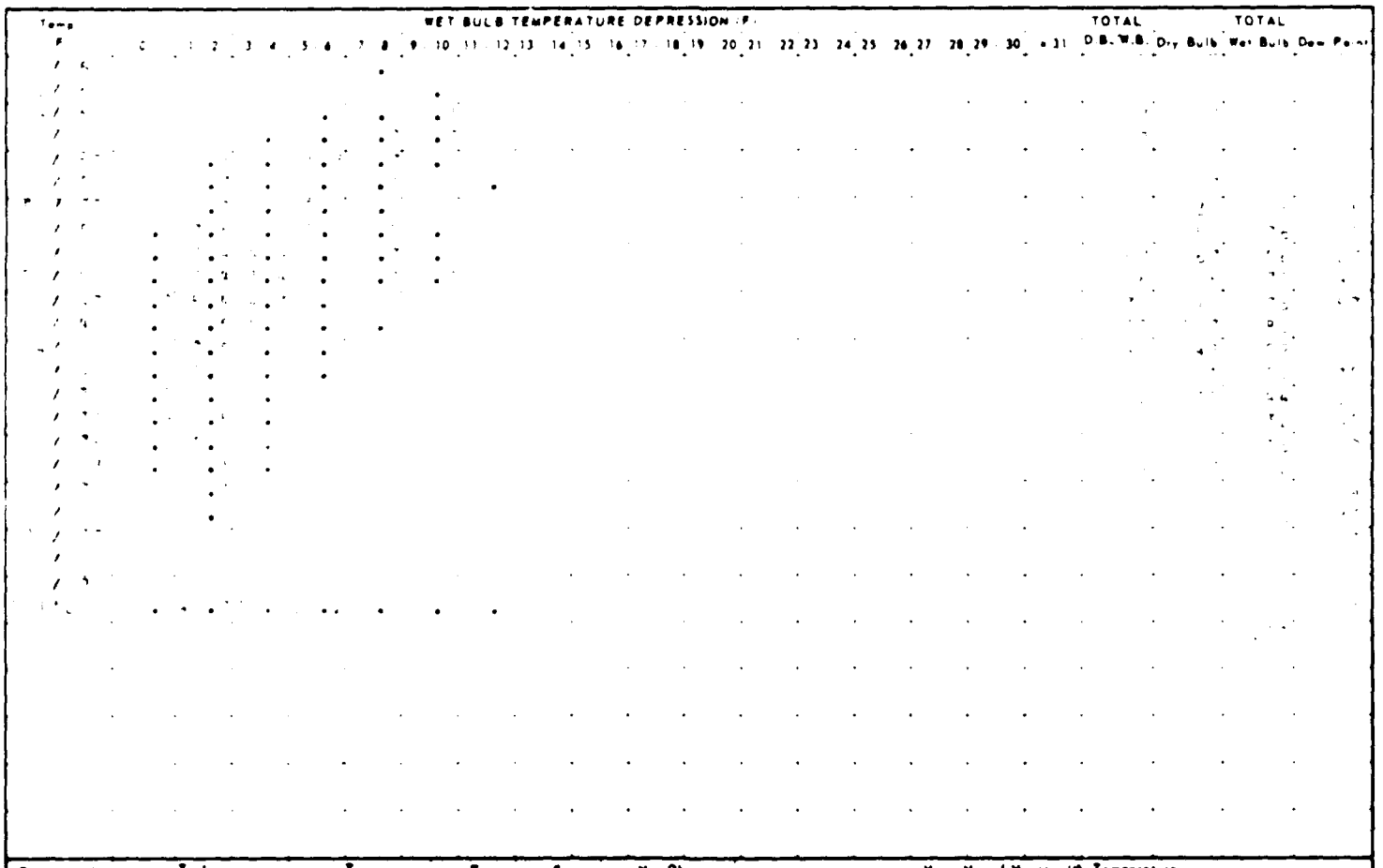
STATION

STATION NAME

YEARS

MONTH

HOURS



Element 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

Time

WET BULB TEMPERATURE DEPRESSION (F.

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

Dew Point

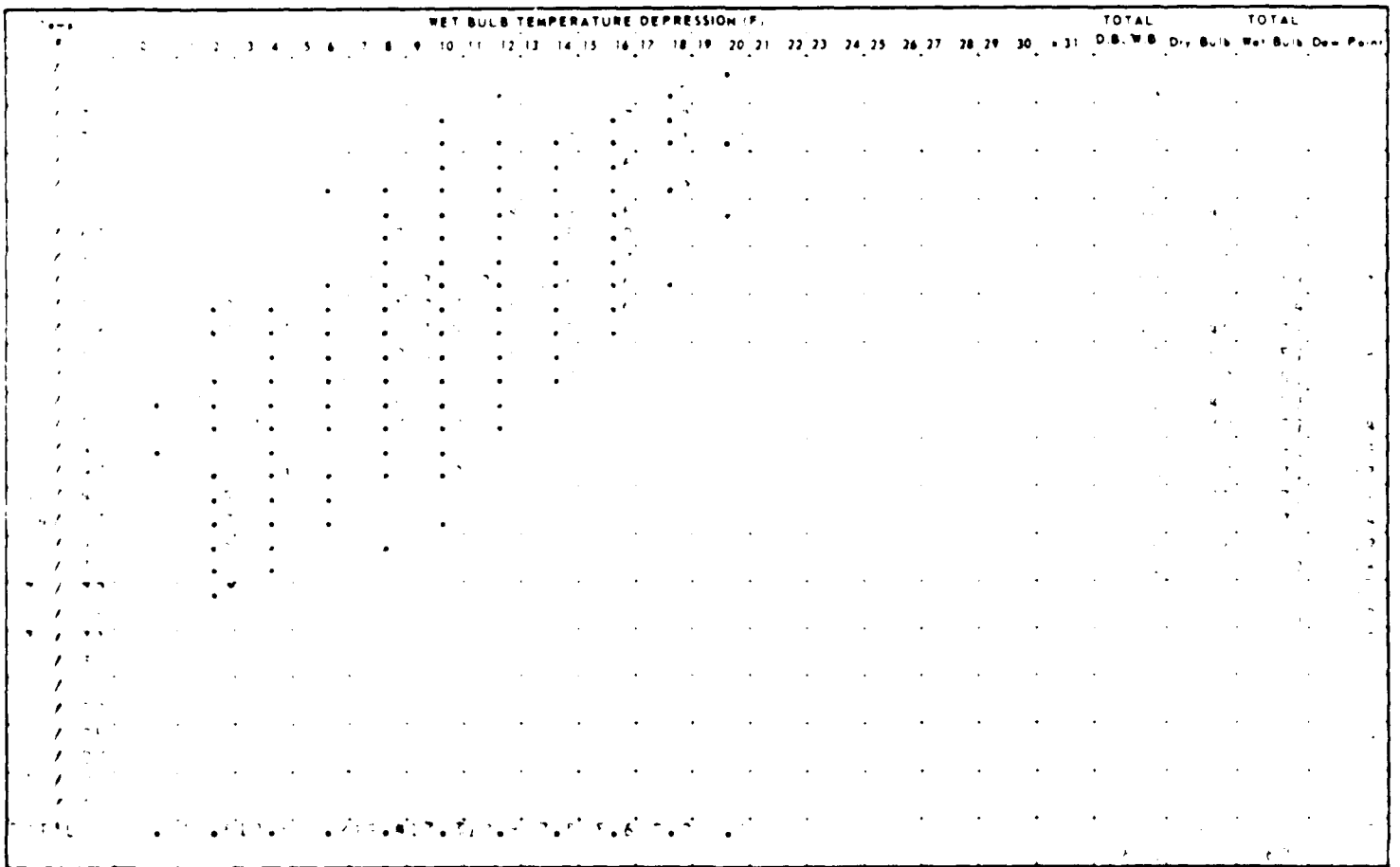
Element	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						+0 F	+32 F	+67 F	+73 F	+80 F	+93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS

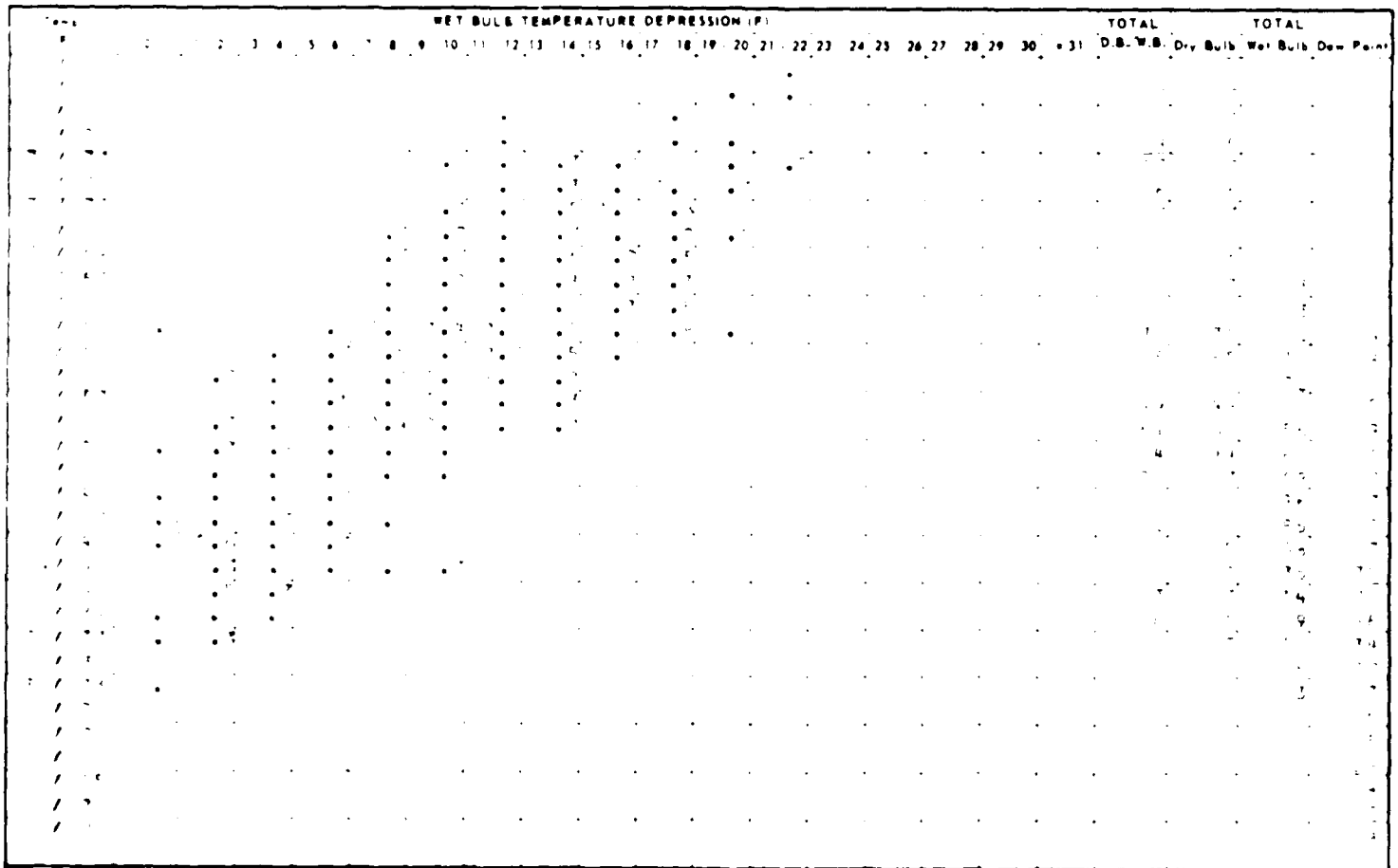


Element X	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						↑ 0 F	↑ 32 F	↑ 67 F	↑ 73 F	↑ 80 F	↑ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS

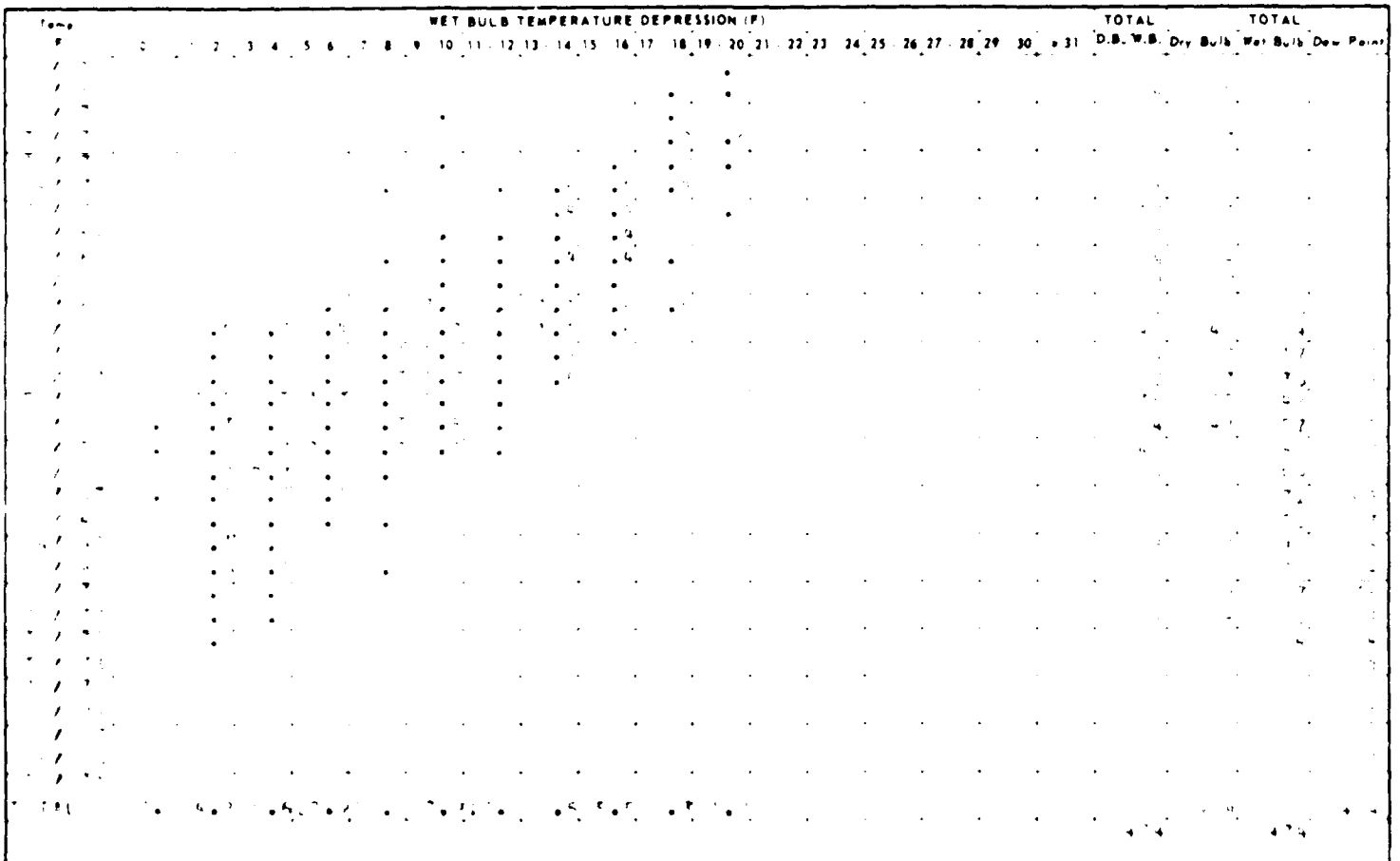
Temp F	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	+ 31					

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												

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

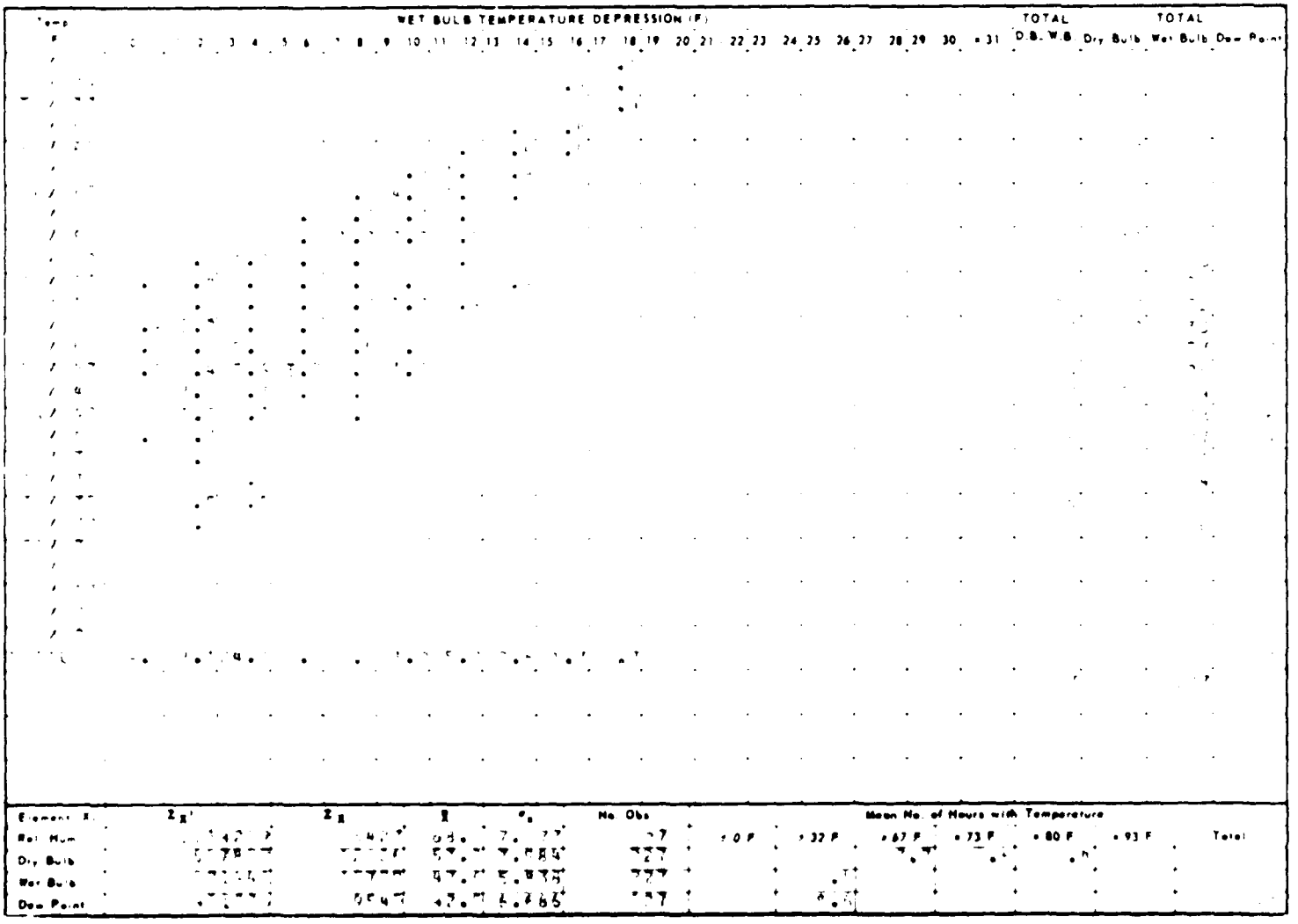
HOURS



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	≤ 91 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												

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

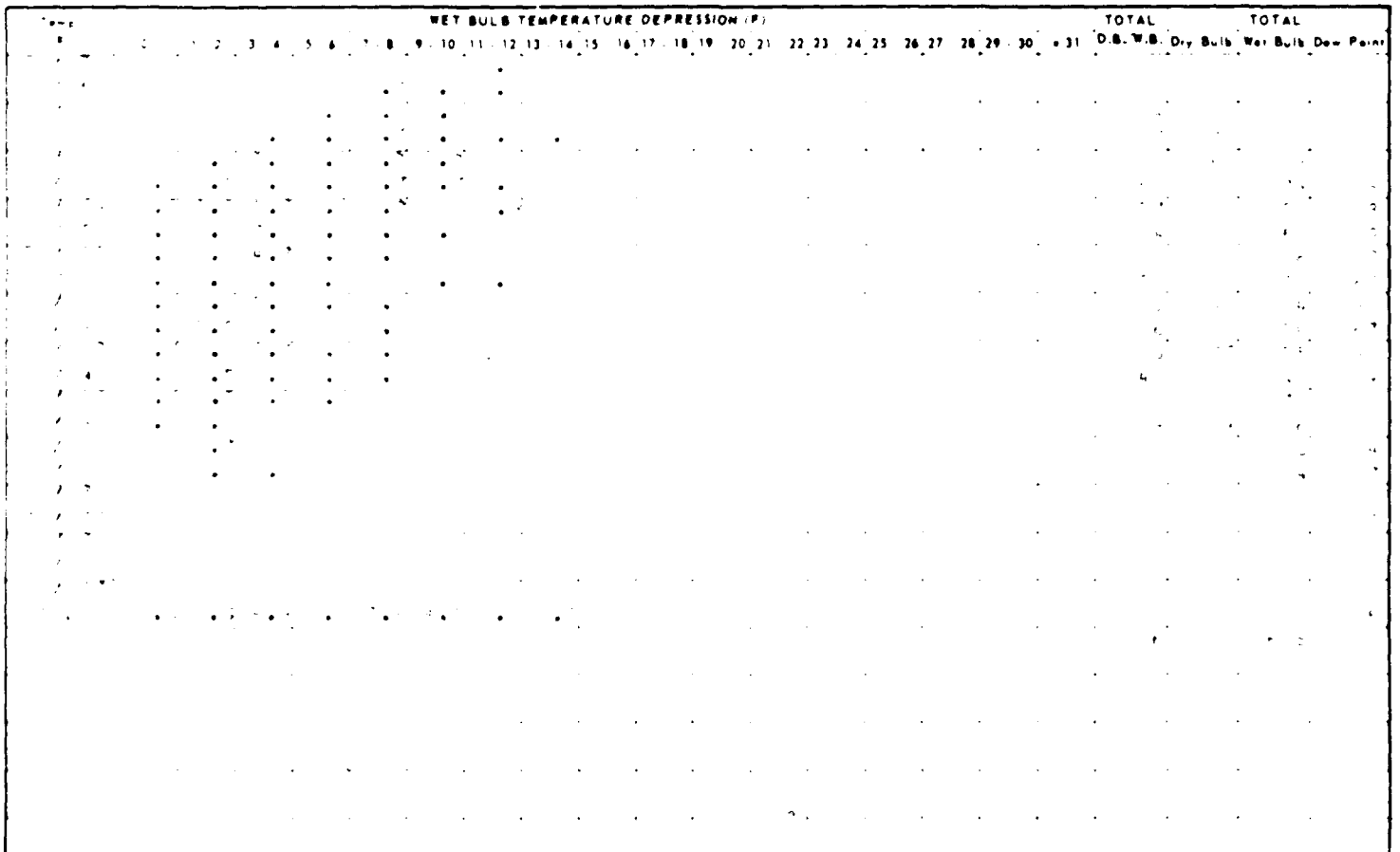
Element	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						< 0°F	< 32°F	< 67°F	< 73°F	< 80°F	< 93°F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (G.M.T.)



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

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				

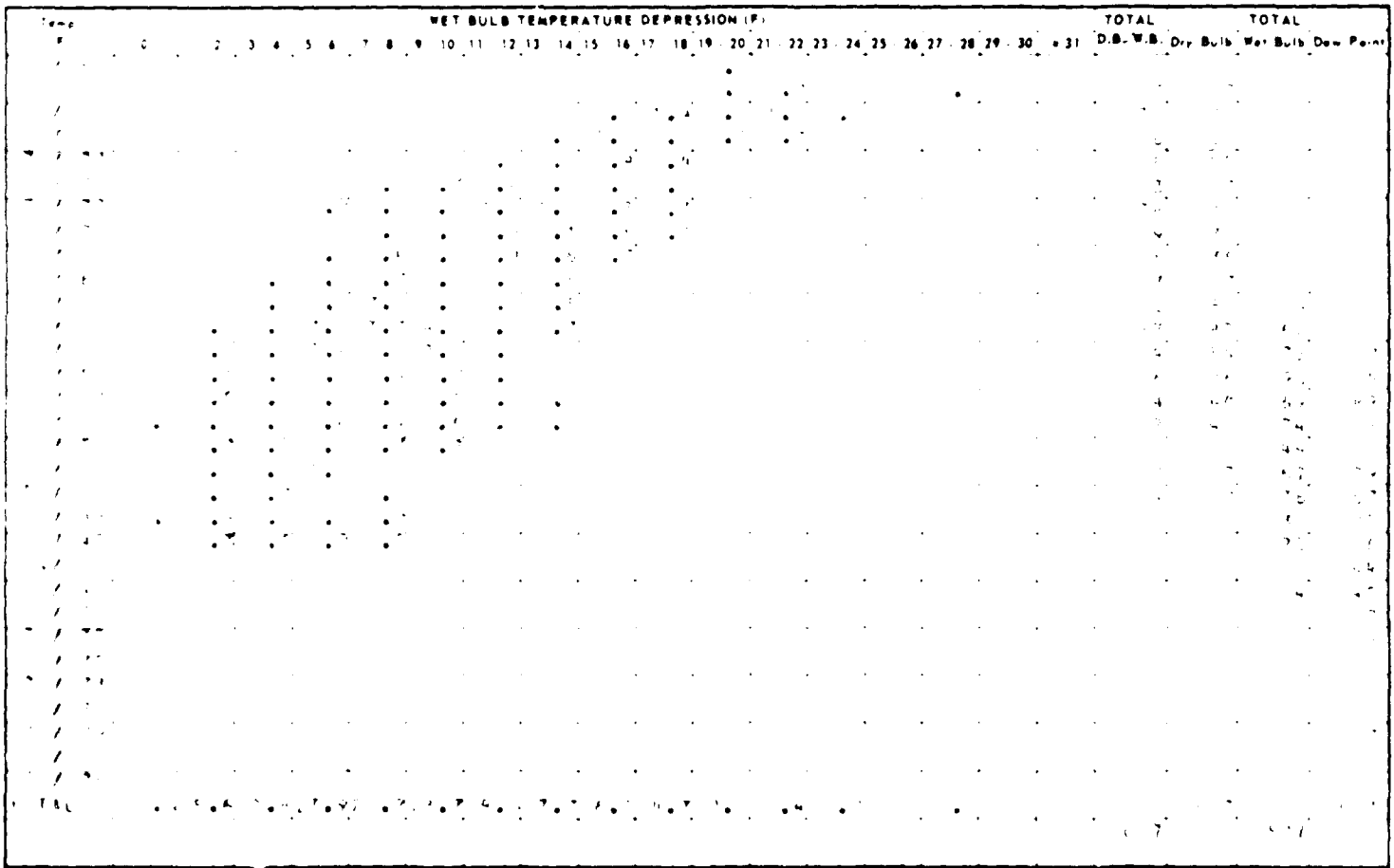
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

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 Form 0-26-5 (OL-A) Previous editions of this form are obsolete.

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS



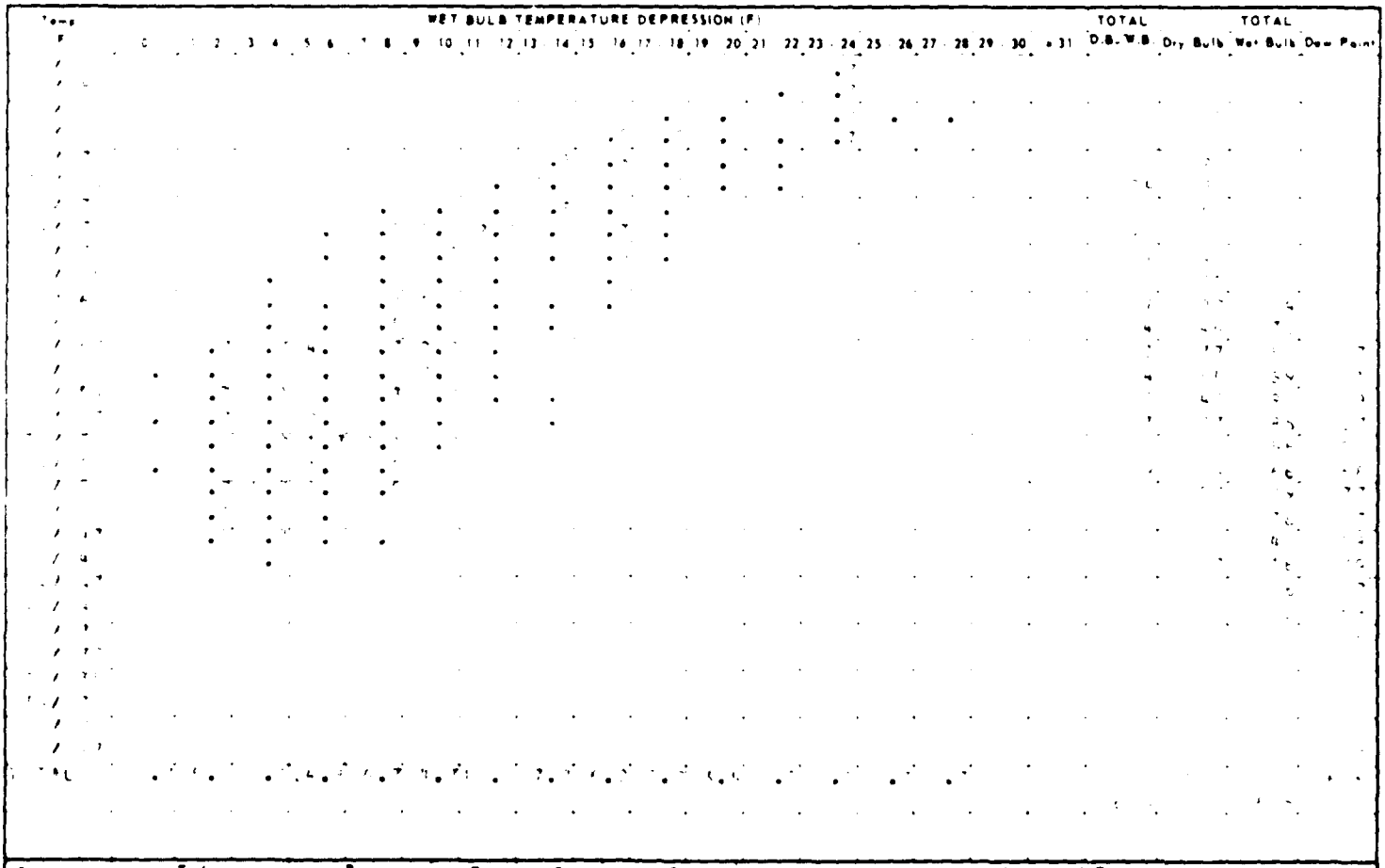
Element X	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						+0 F	+32 F	+67 F	+73 F	+80 F	+93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS



Element Xi	$\Sigma X_i'$	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

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

MONTH

HOURS

WET BULB TEMPERATURE DEPRESSION (F)

Temp 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
TTL																																				

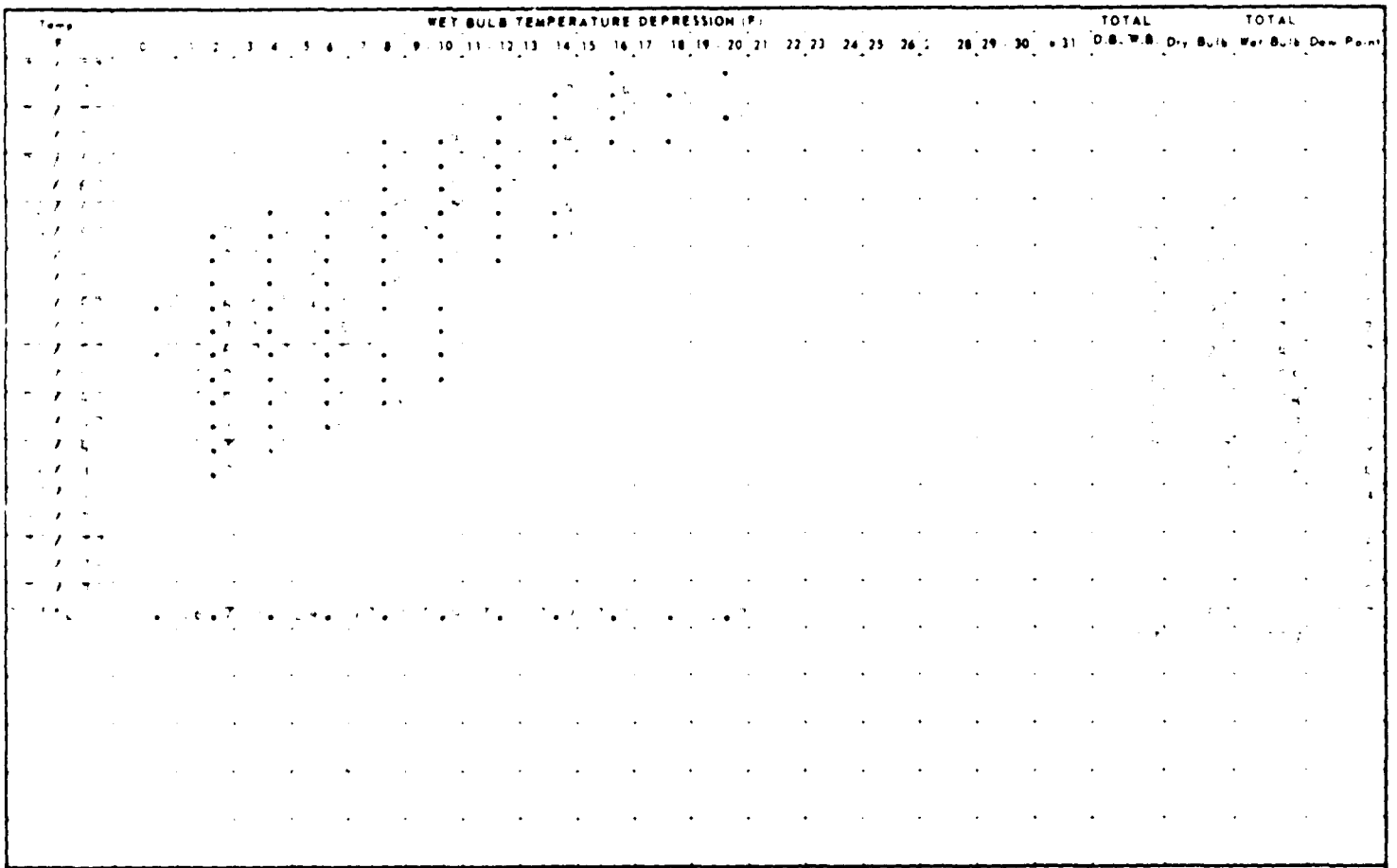
Element	$\Sigma_{B'}$	Σ_B	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						+0 F	+32 F	+67 F	+73 F	+80 F	+93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS



Element	$\Sigma x'$	Σx	$\bar{x}$	s_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 Form 0-26 5 (OL-A)

PSYCHROMETRIC SUMMARY

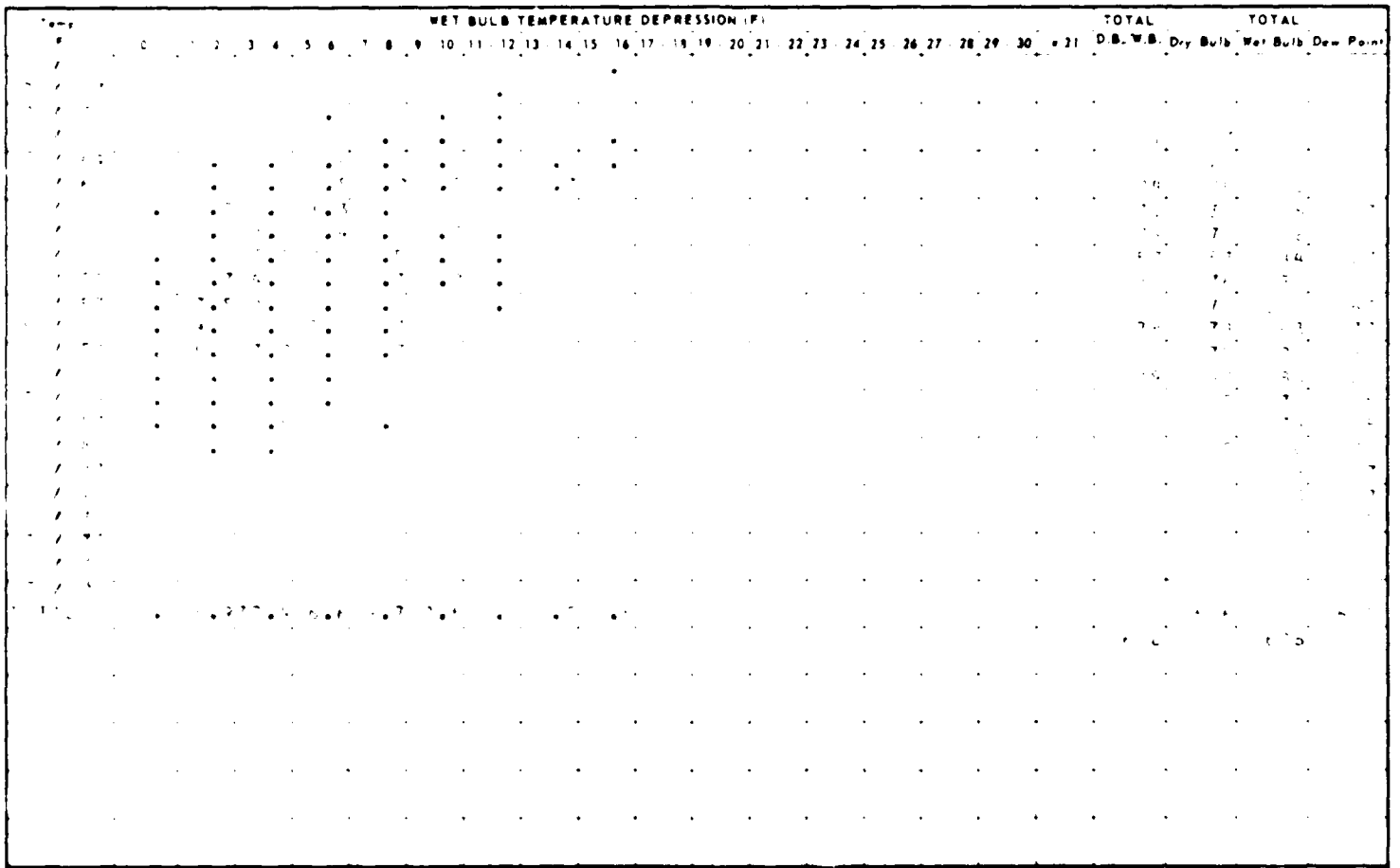
STATION

STATION NAME

YEARS

MONTH

HOURS



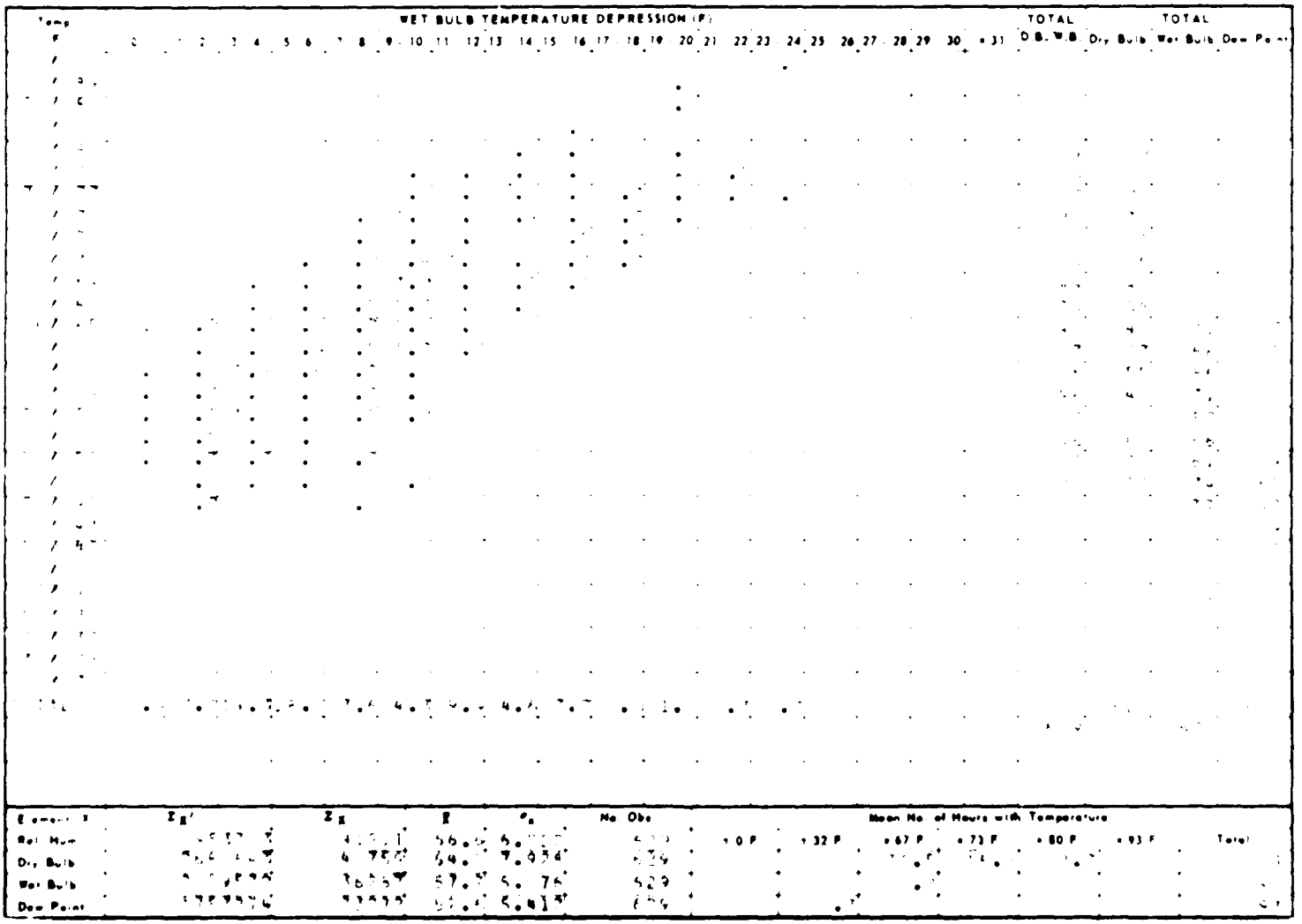
Element	Σx'	Σx	x̄	σ	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS

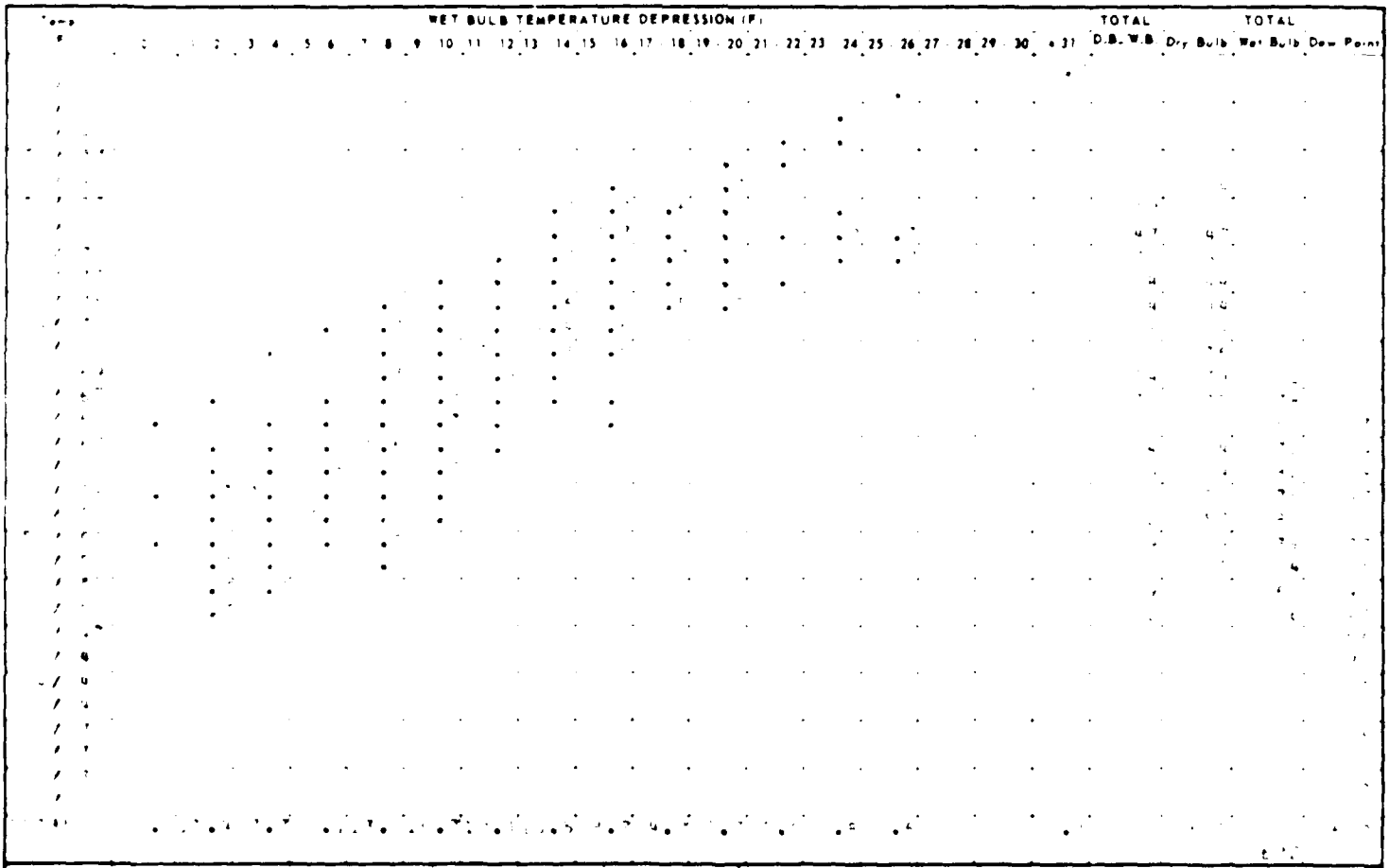


Element	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

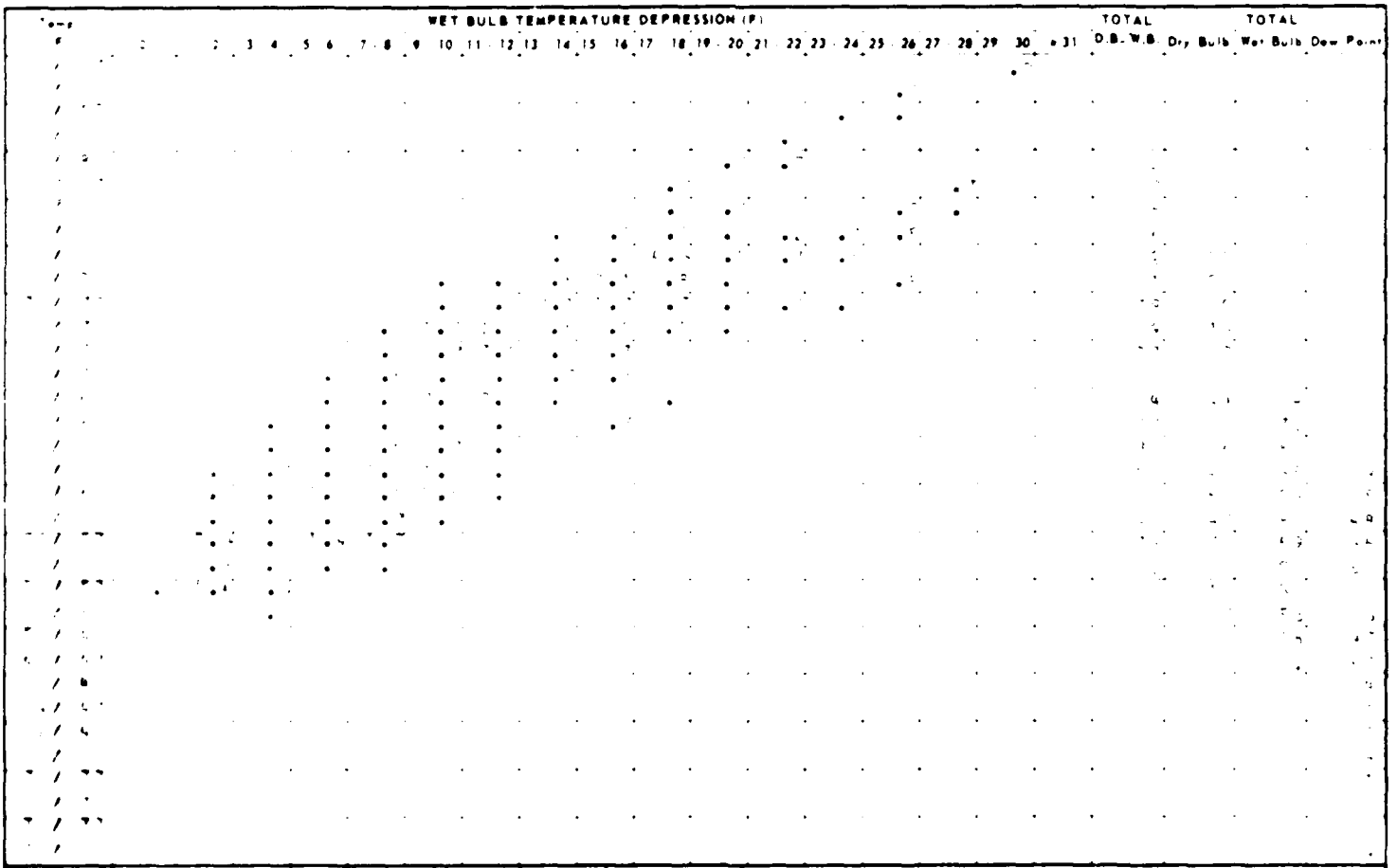
HOURS to



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



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

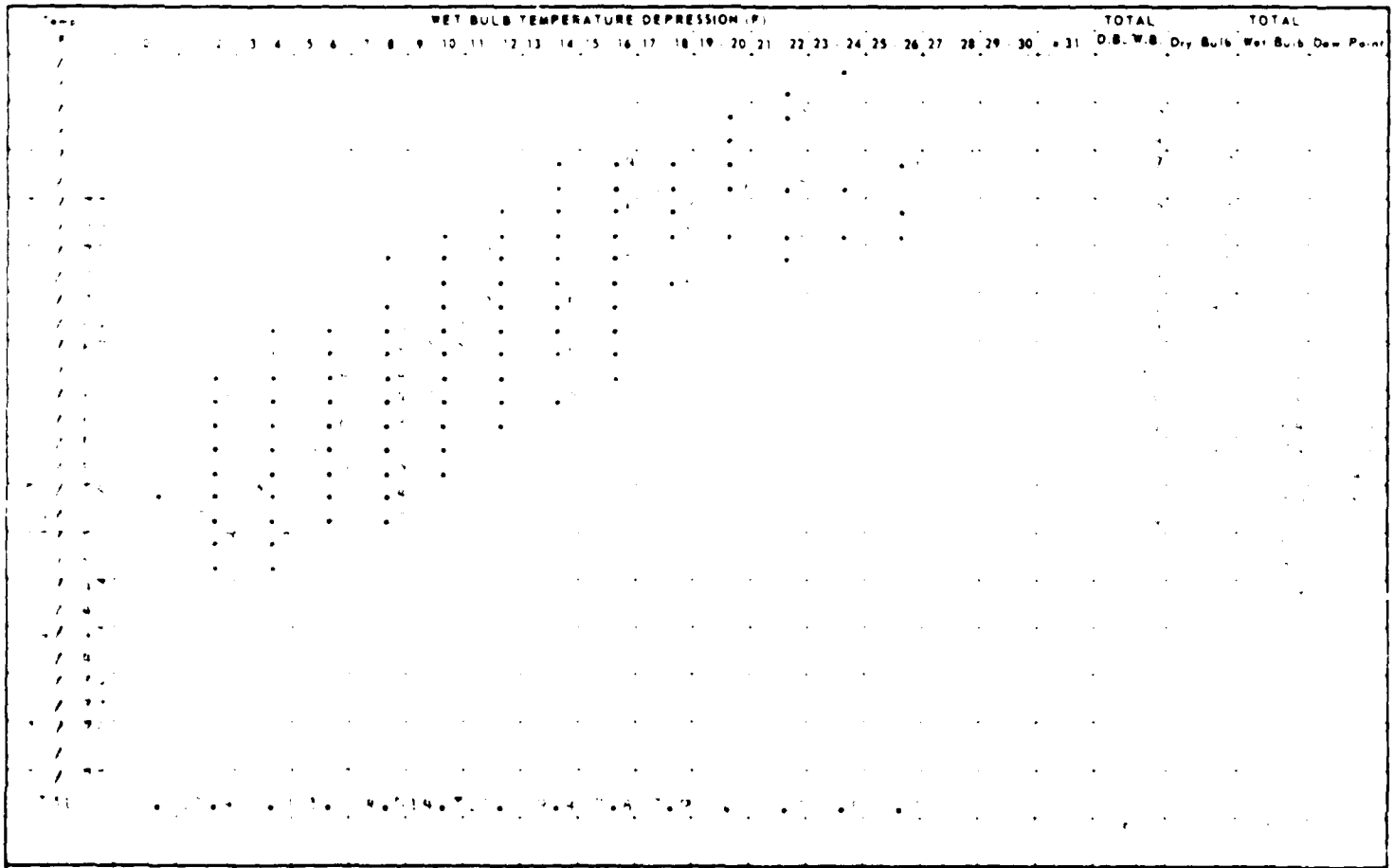
HOURS

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	$\Sigma_{x'}$	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



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

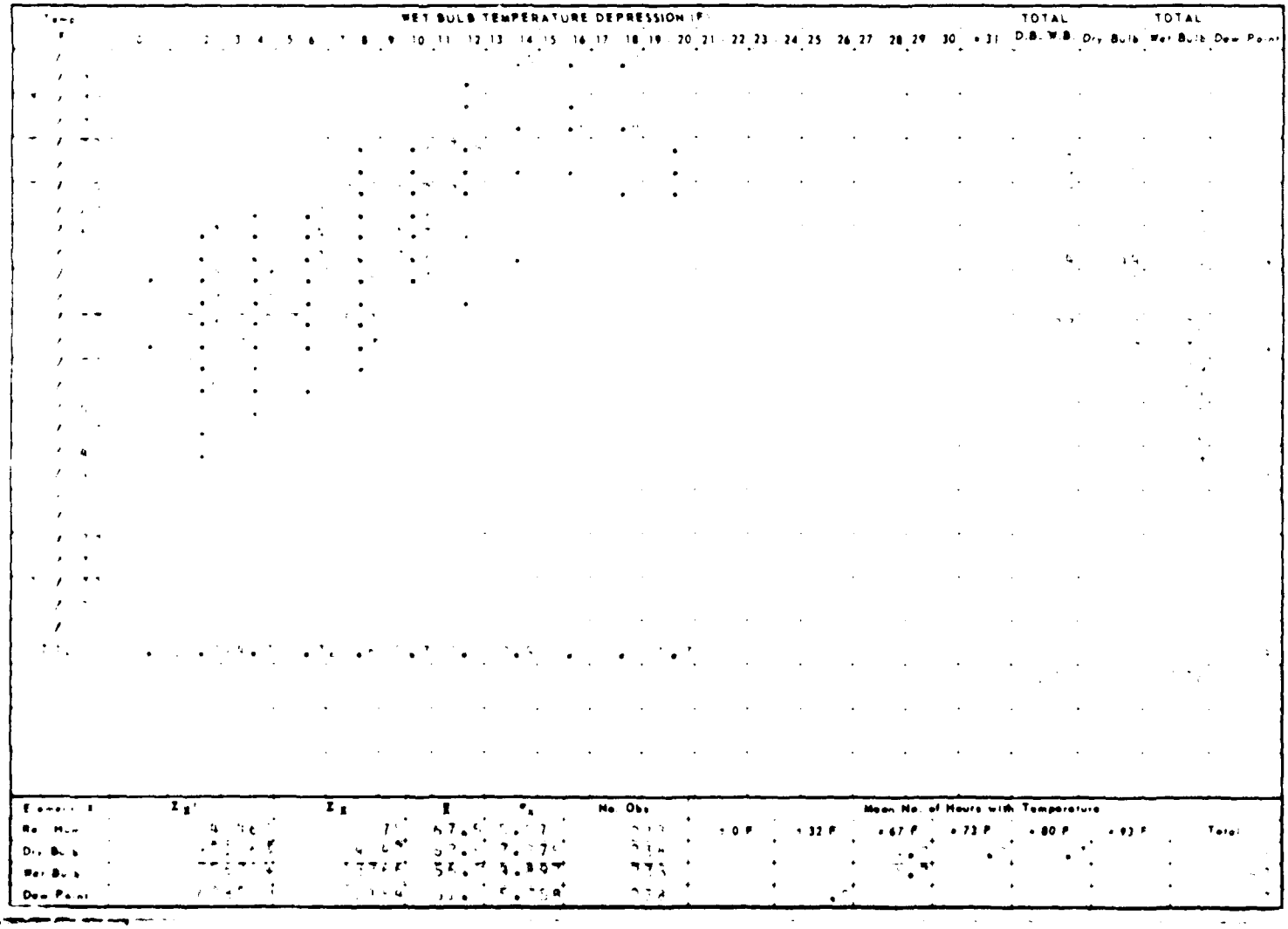
STATION

STATION NAME

YEARS

MONTH

HOURS

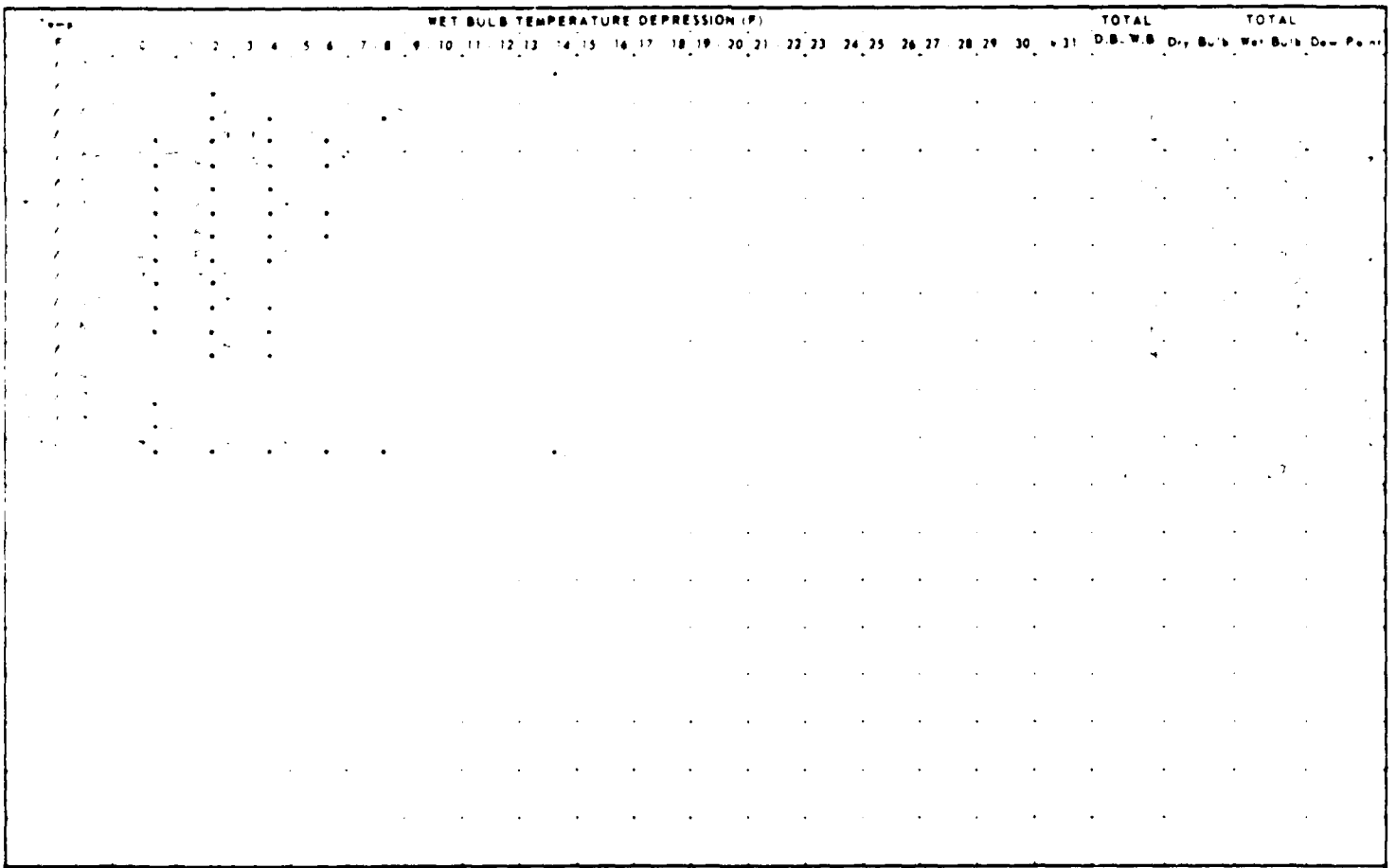


Element	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
No. Hrs.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS



Element	$\Sigma_{B'}$	Σ_B	$\bar{X}$	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

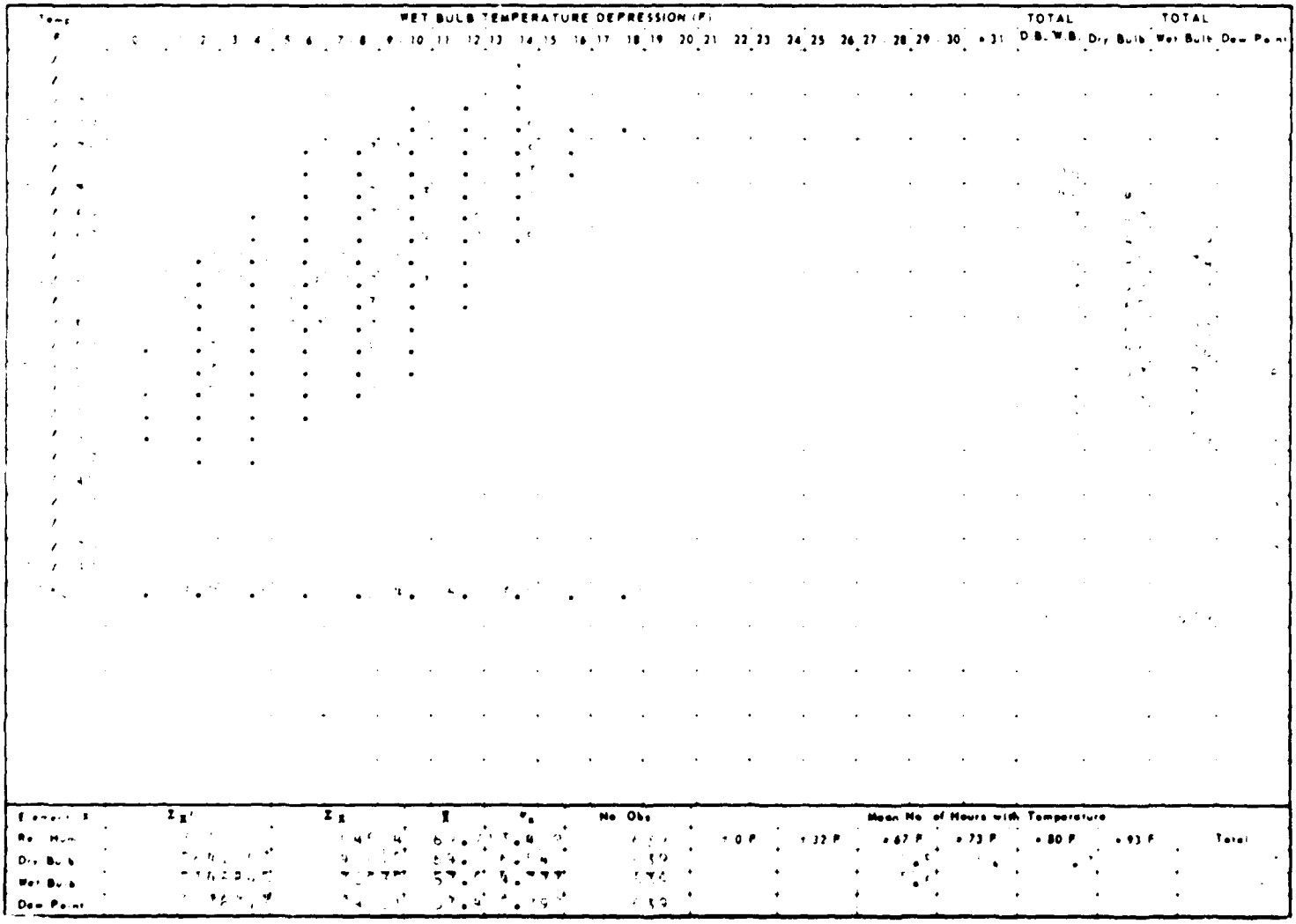
Element X	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						+0 F	+32 F	+67 F	+73 F	+80 F	+92 F	Total
Rel. Hum.					47							
Dry Bulb					47							
Wet Bulb					47							
Dew Point					47							

USAFETAC

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS



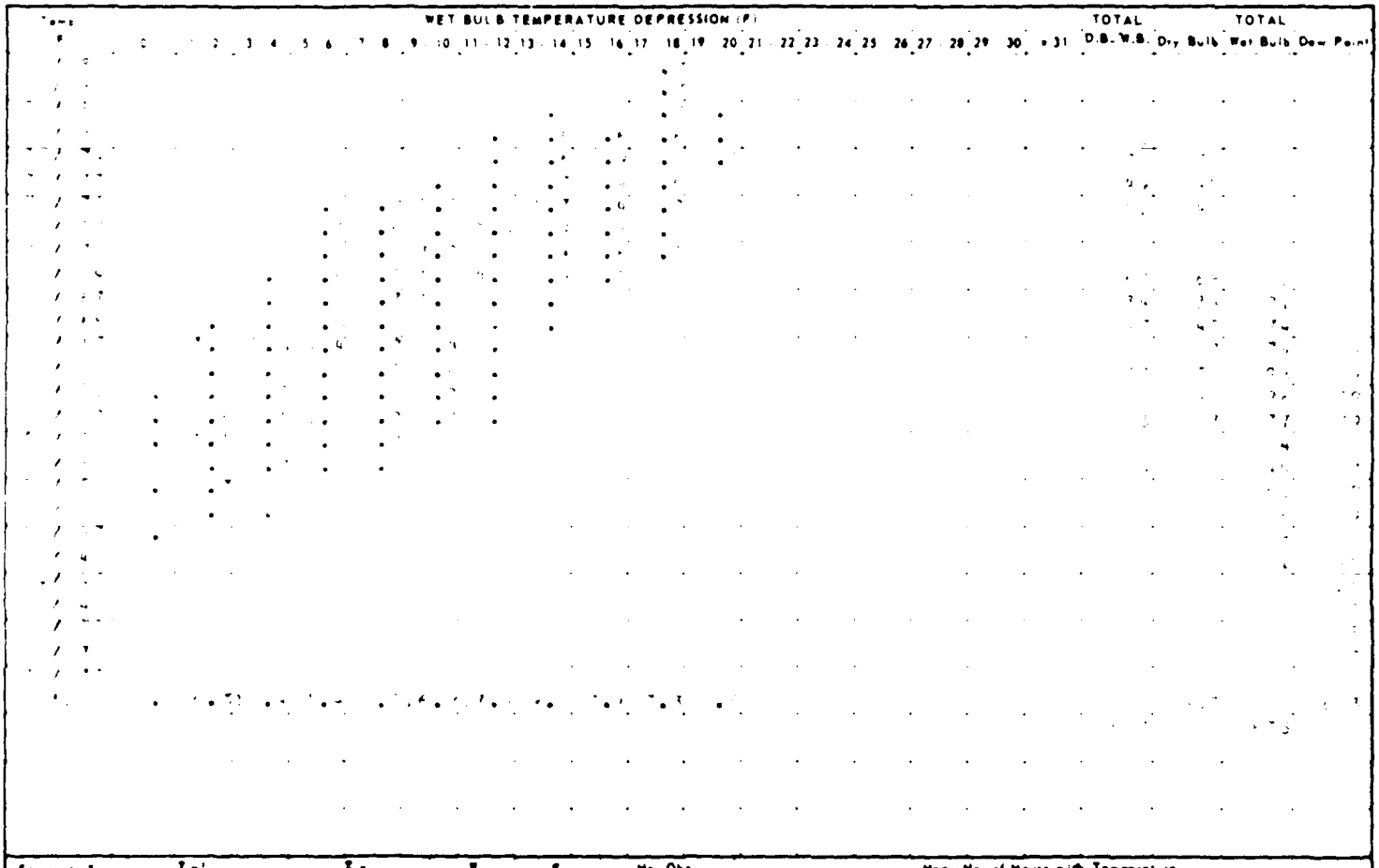
Element	Σx^2	Σx	$\bar{x}$	σ_x	No Obs	Mean No of Hours with Temperature						
						+0 F	+32 F	+67 F	+73 F	+80 F	+93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS



Element	$\Sigma_{X'}$	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

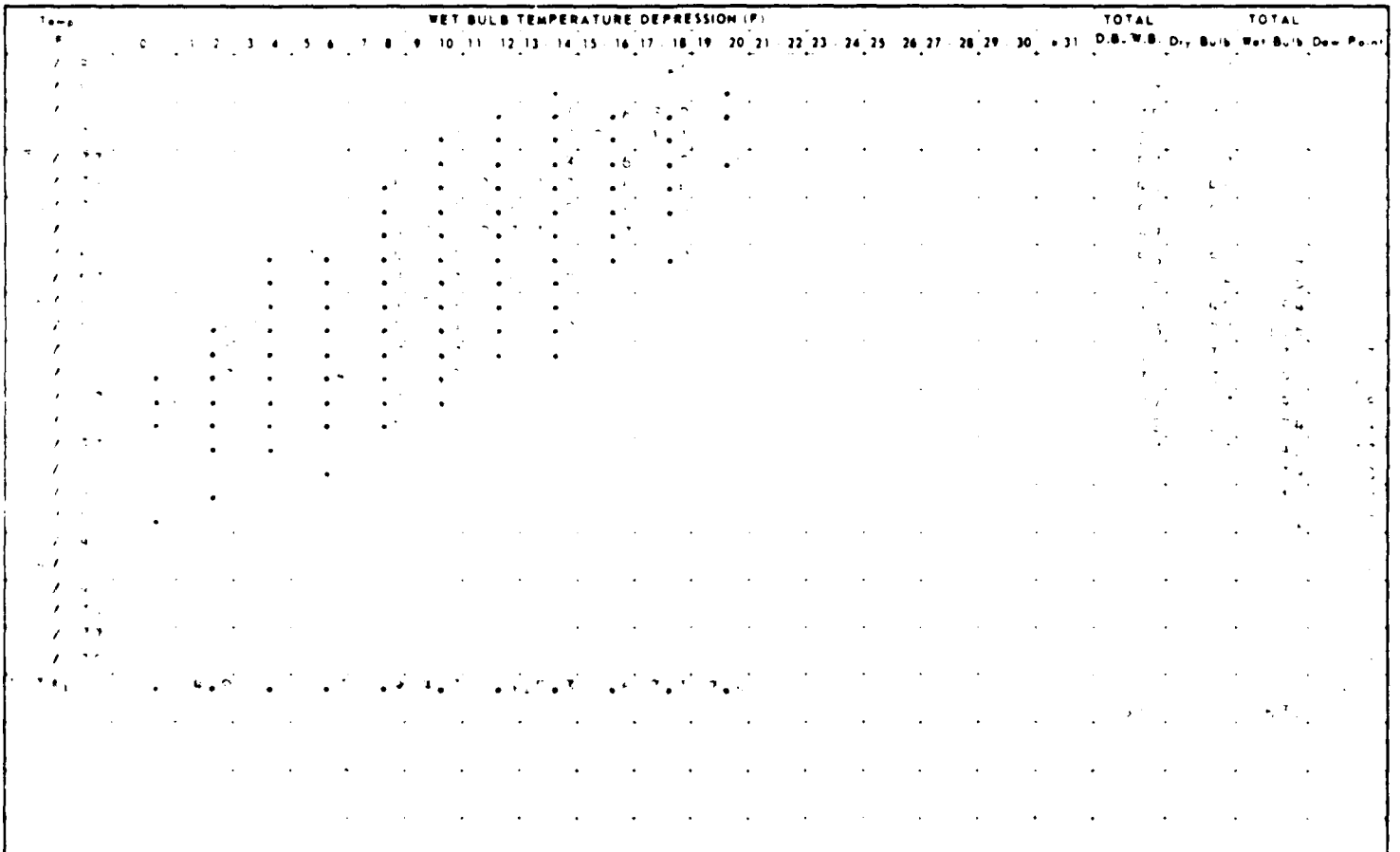
STATION

STATION NAME

YEARS

MONTH

HOURS



Element	$\Sigma x'$	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

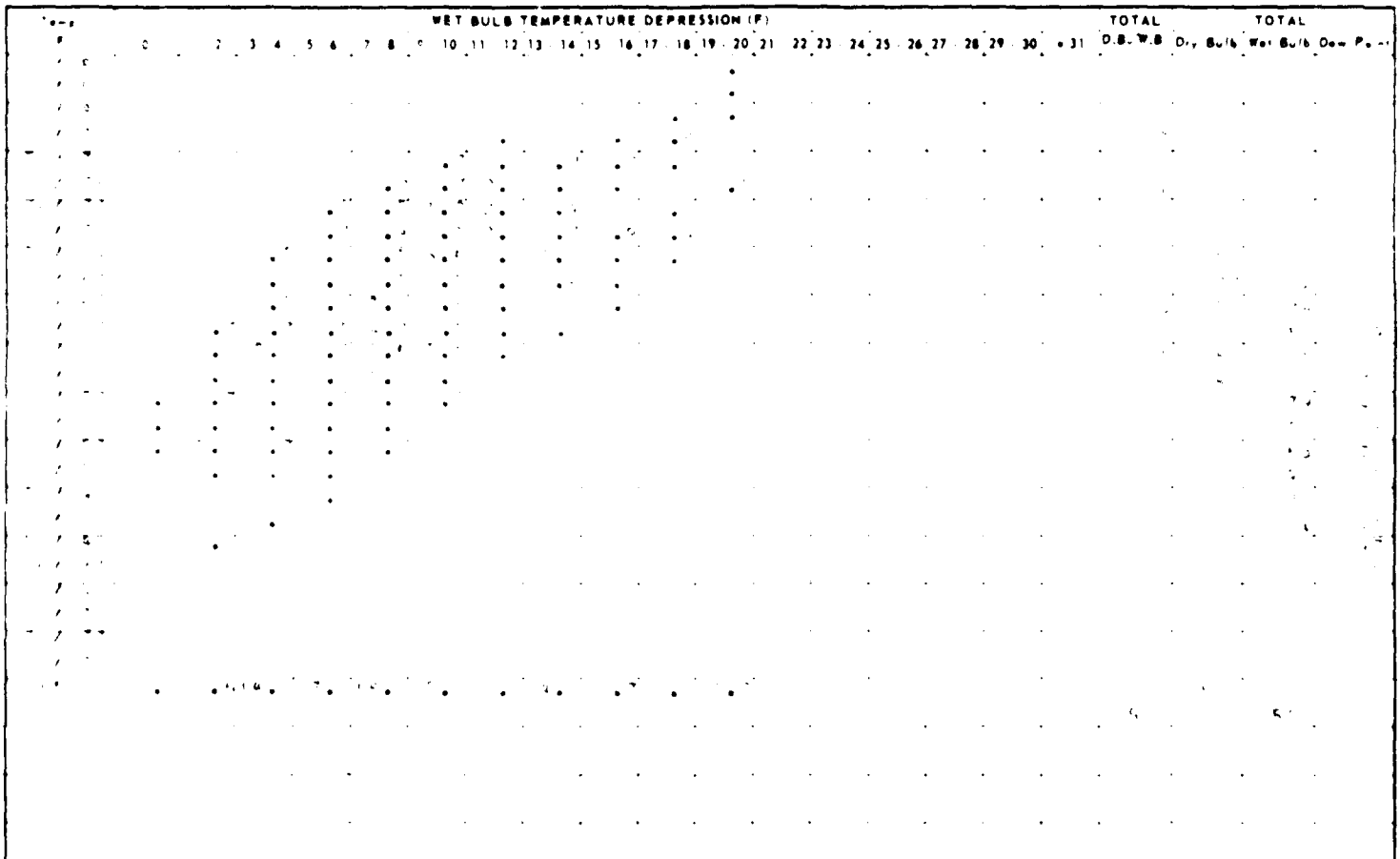
STATION

STATION NAME

YEARS

MONTH

HOURS



Element	Σ	Σ²	X̄	σ	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

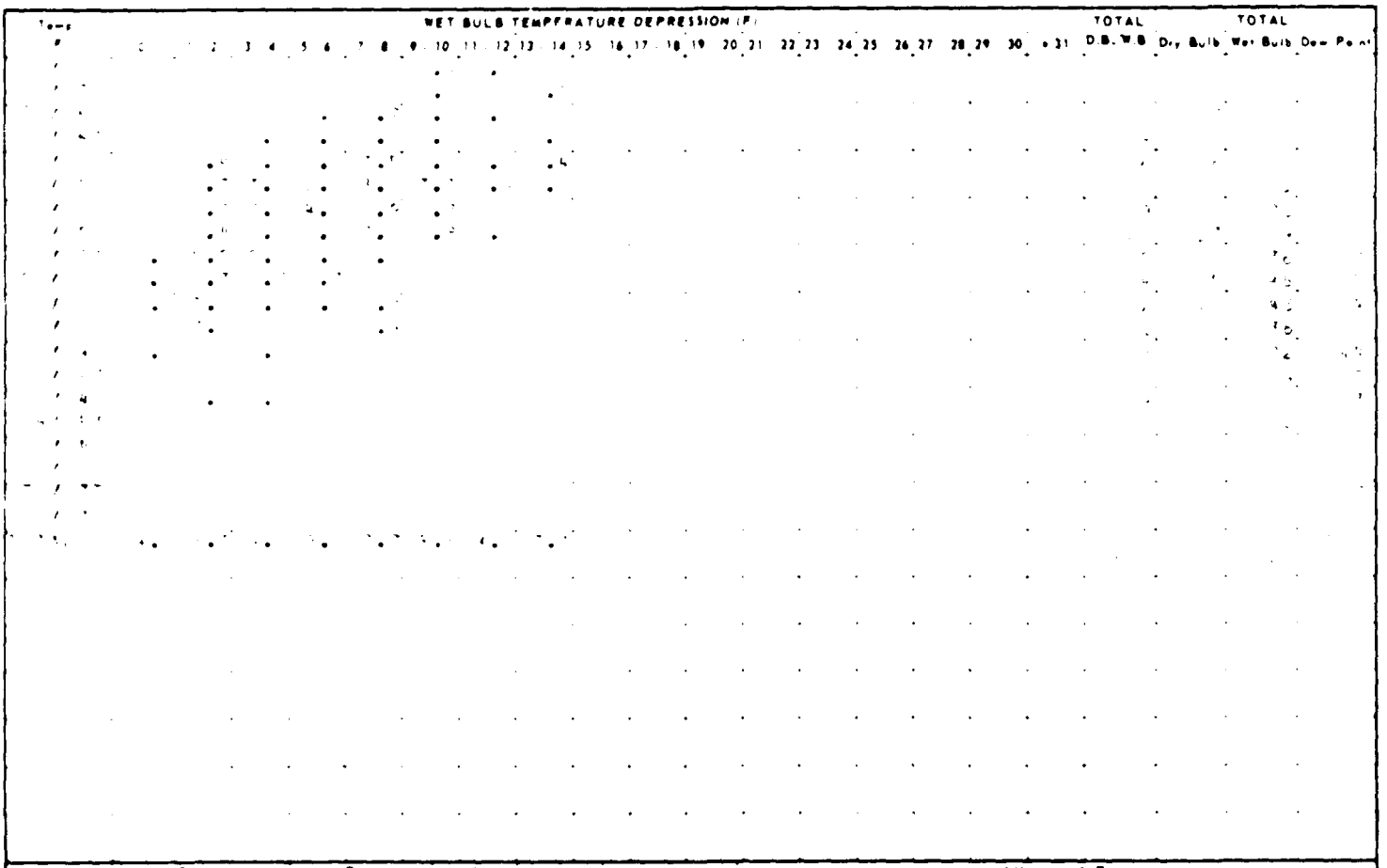
STATION

STATION NAME

YEARS

MONTH

HOURS



Element	$\Sigma x'$	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.	Dry Bulb	TOTAL Wet Bulb	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]	69.	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Wet Bulb	[illegible]	[illegible]	47.	[illegible]	[illegible]							
Dew Point	[illegible]	[illegible]	42.	[illegible]	646							

USAFETAC FORM 0-8-5 (OL A)

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

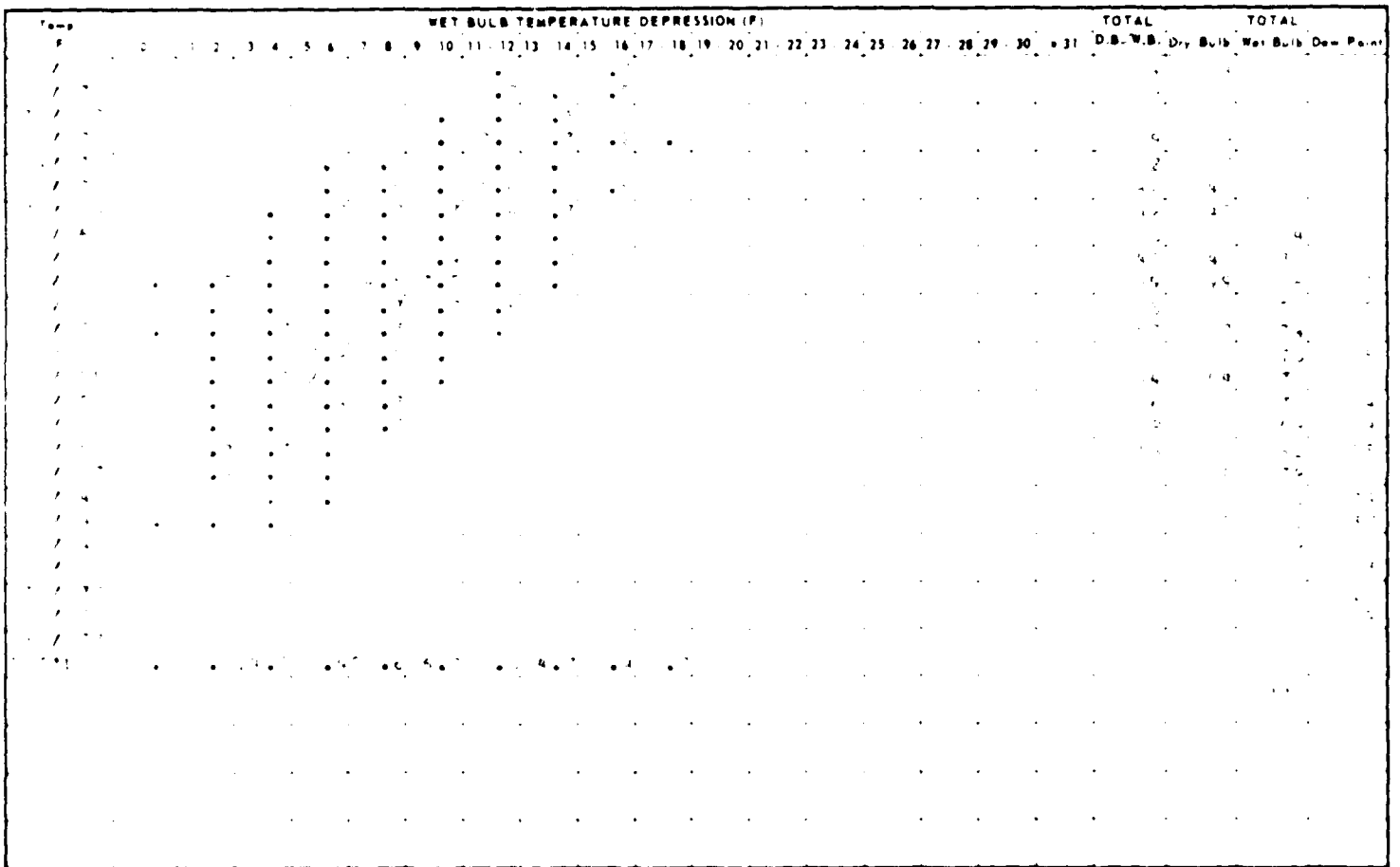
HOURS

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.	TOTAL W.B.	Dry Bulb	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												
Dry Bulb												
Wet Bulb												
Dew Point												

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												

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

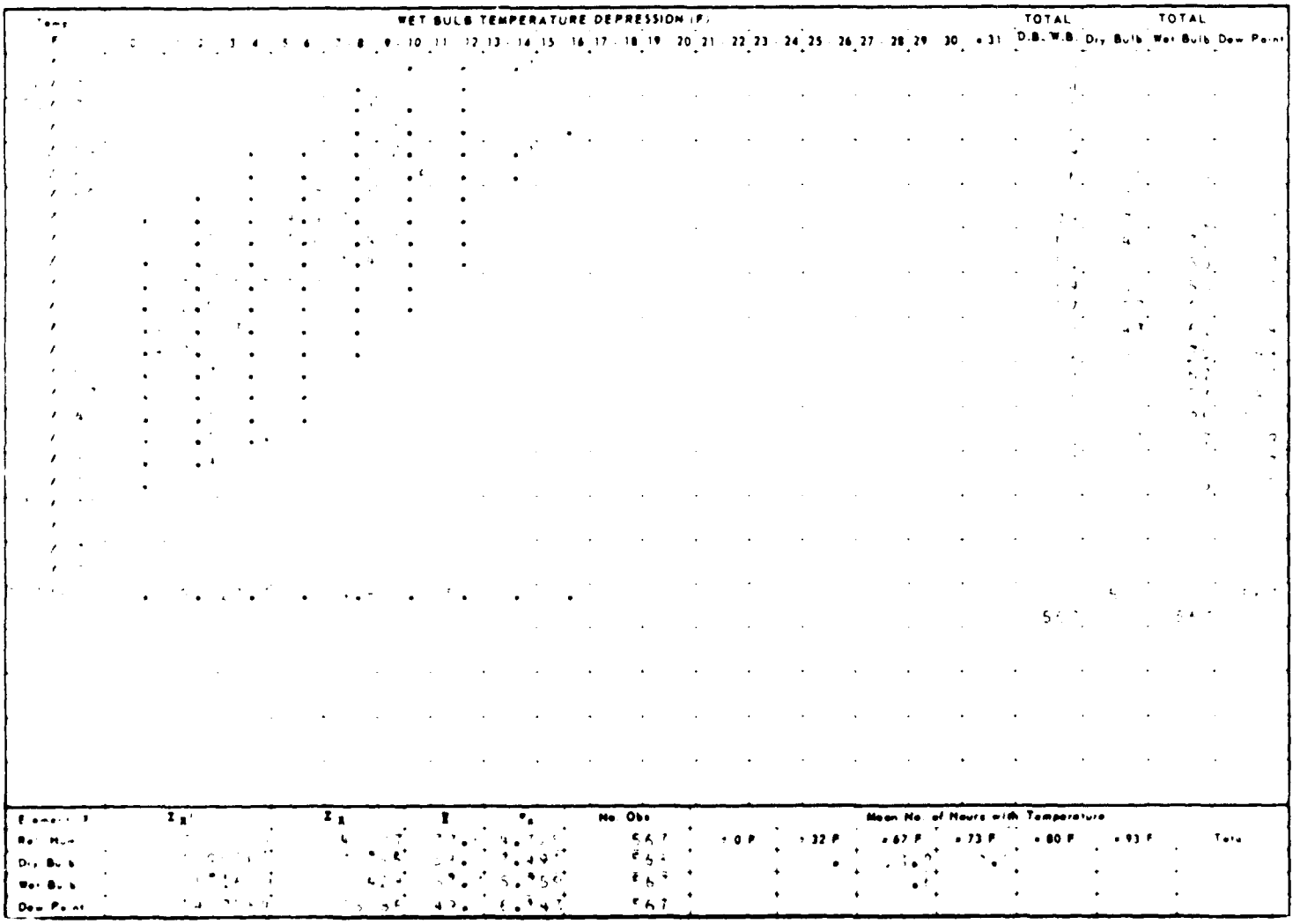
HOURS

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

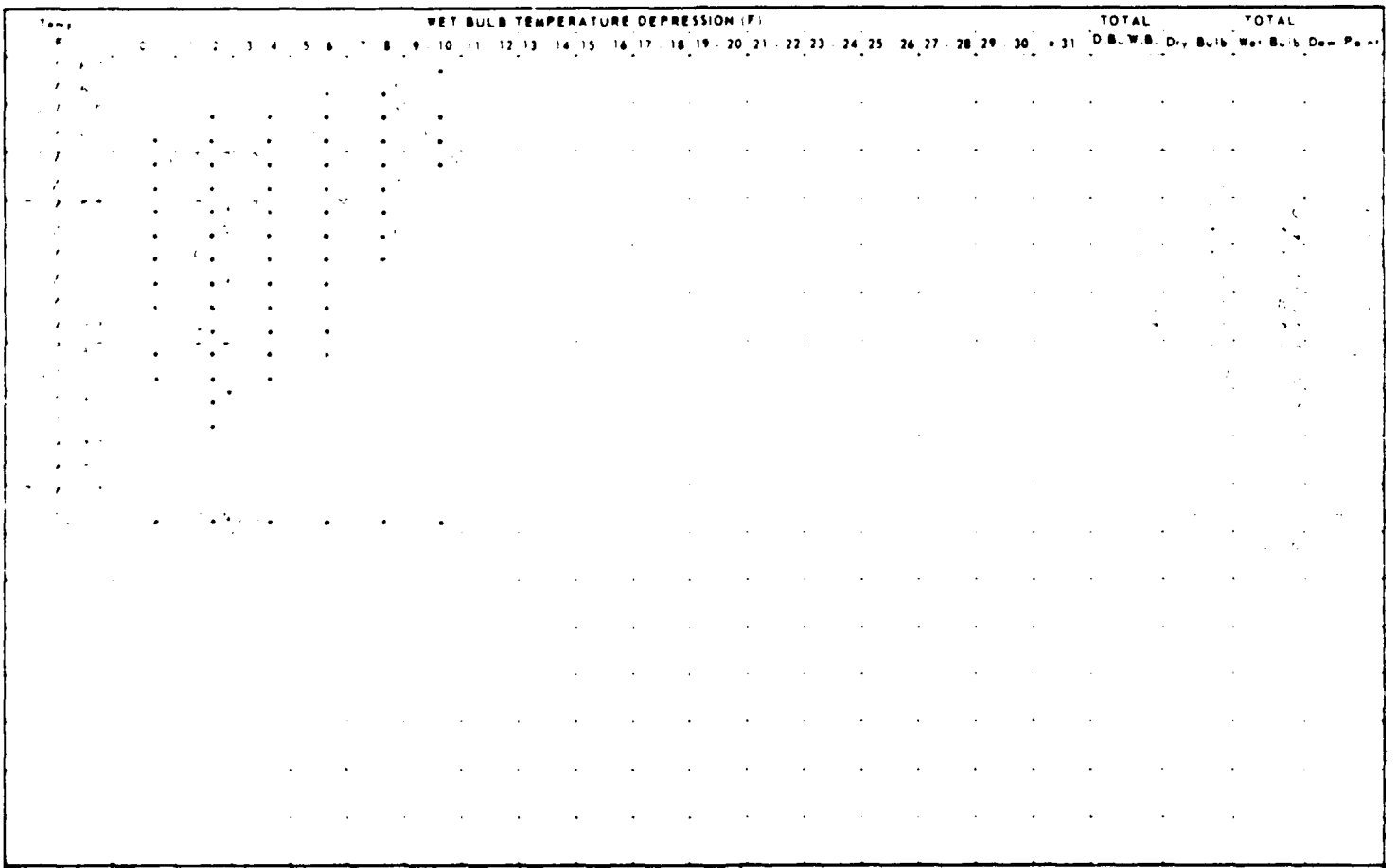


Element	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS



Element	Σ_{Hr}	Σ_{F}	$\bar{\text{X}}$	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												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0 … ≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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
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]					

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	Wet Bulb	Dew Point
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]														[illegible]	[illegible]	[illegible]	[illegible]

Element X	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb		[illegible]					[illegible]
Wet Bulb		[illegible]					[illegible]
Dew Point		[illegible]					[illegible]

USAFETAC FORM 0 26 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

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) 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	Wet Bulb	Dew Point

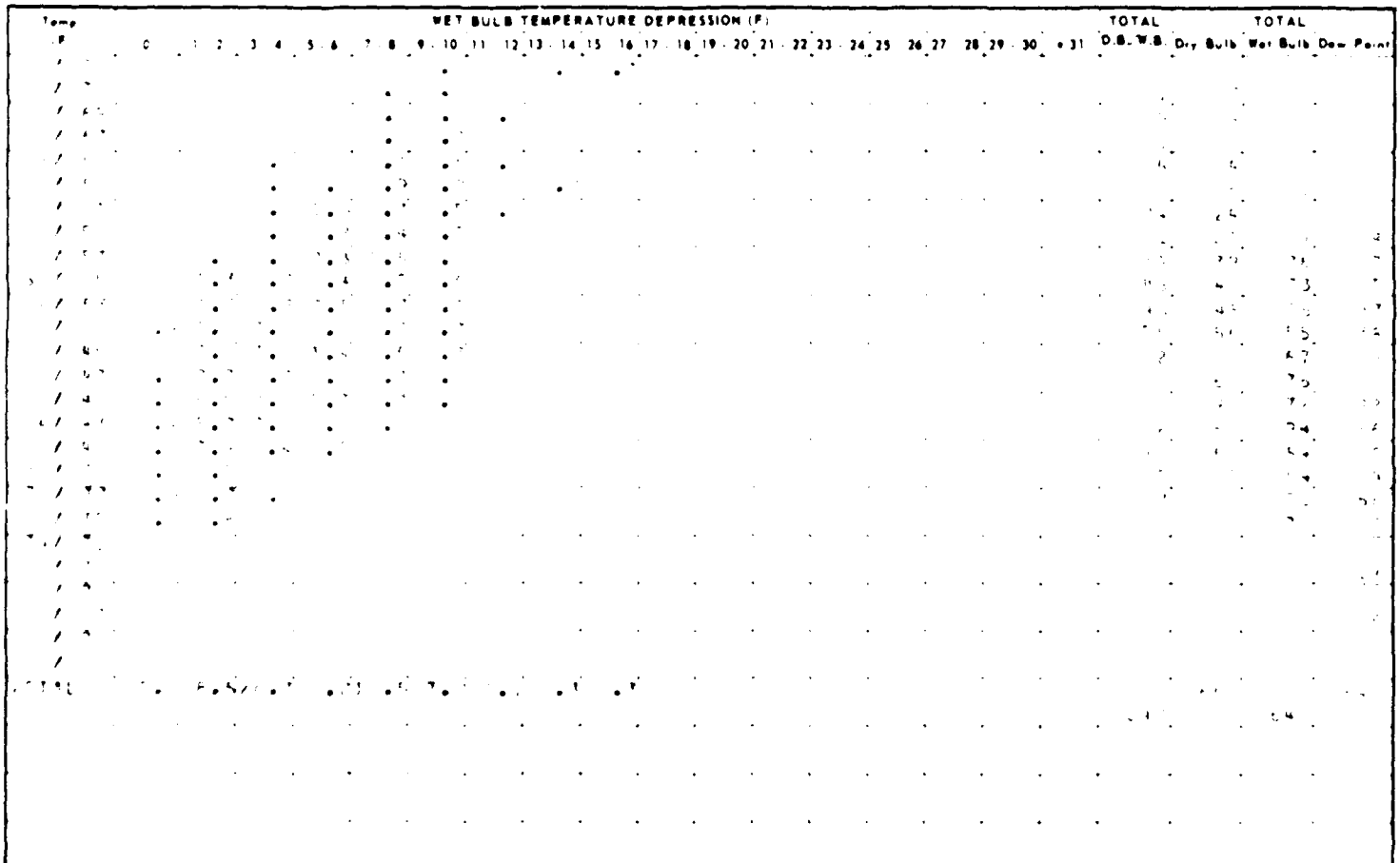
Element	Σx'	Σx	x̄	σx	No. Obs	Mean No. of Hours with Temperature ≤ 0 °F	≤ 32 °F	≤ 67 °F	≤ 73 °F	≤ 80 °F	≤ 93 °F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS



Element	$\Sigma_{g'}$	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												
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	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.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

Element	Σ	Σ	X̄	σ	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	Wet Bulb	Dew Point

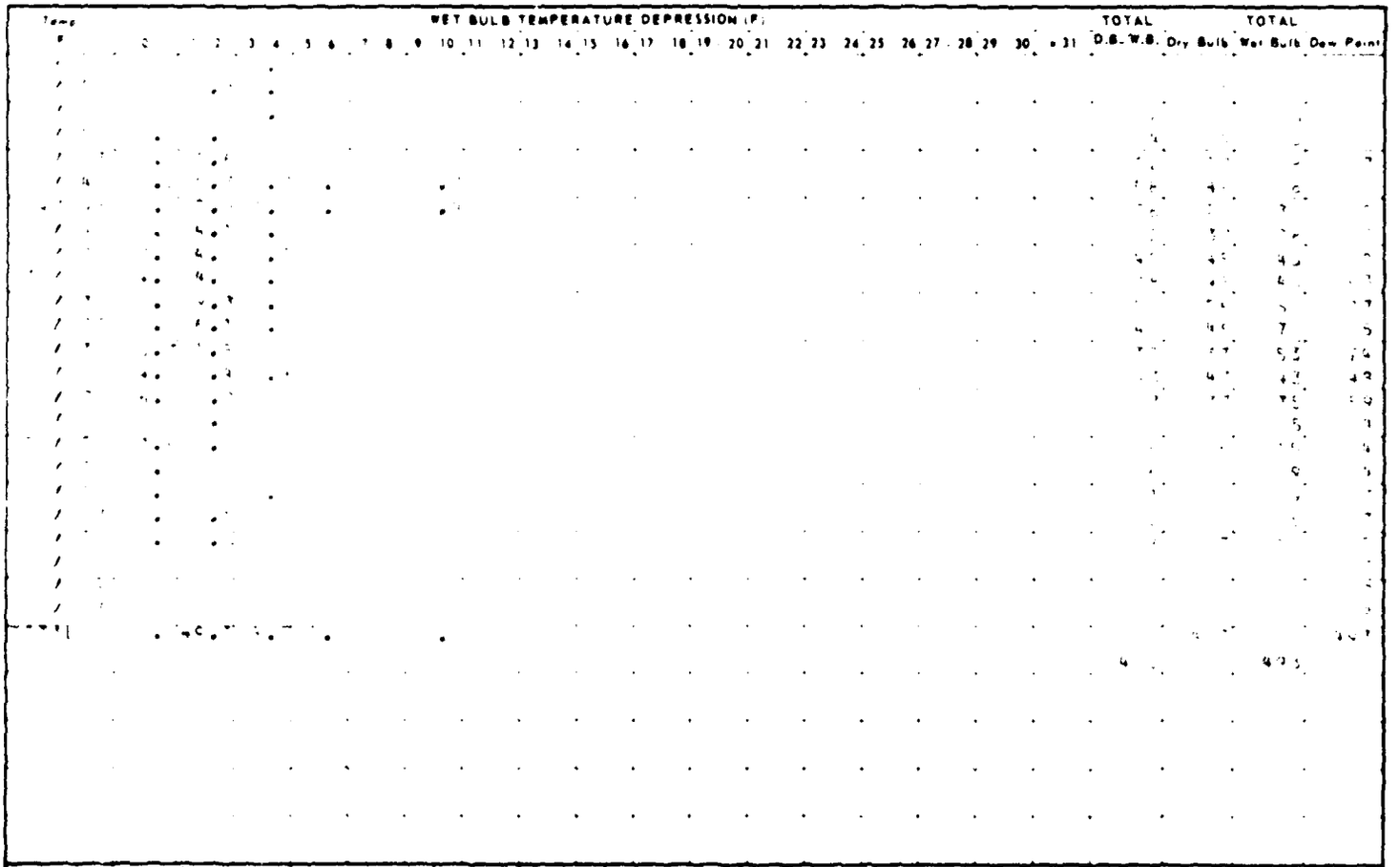
Element X	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					
Wet Bulb	[illegible]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

USAFETAC

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 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

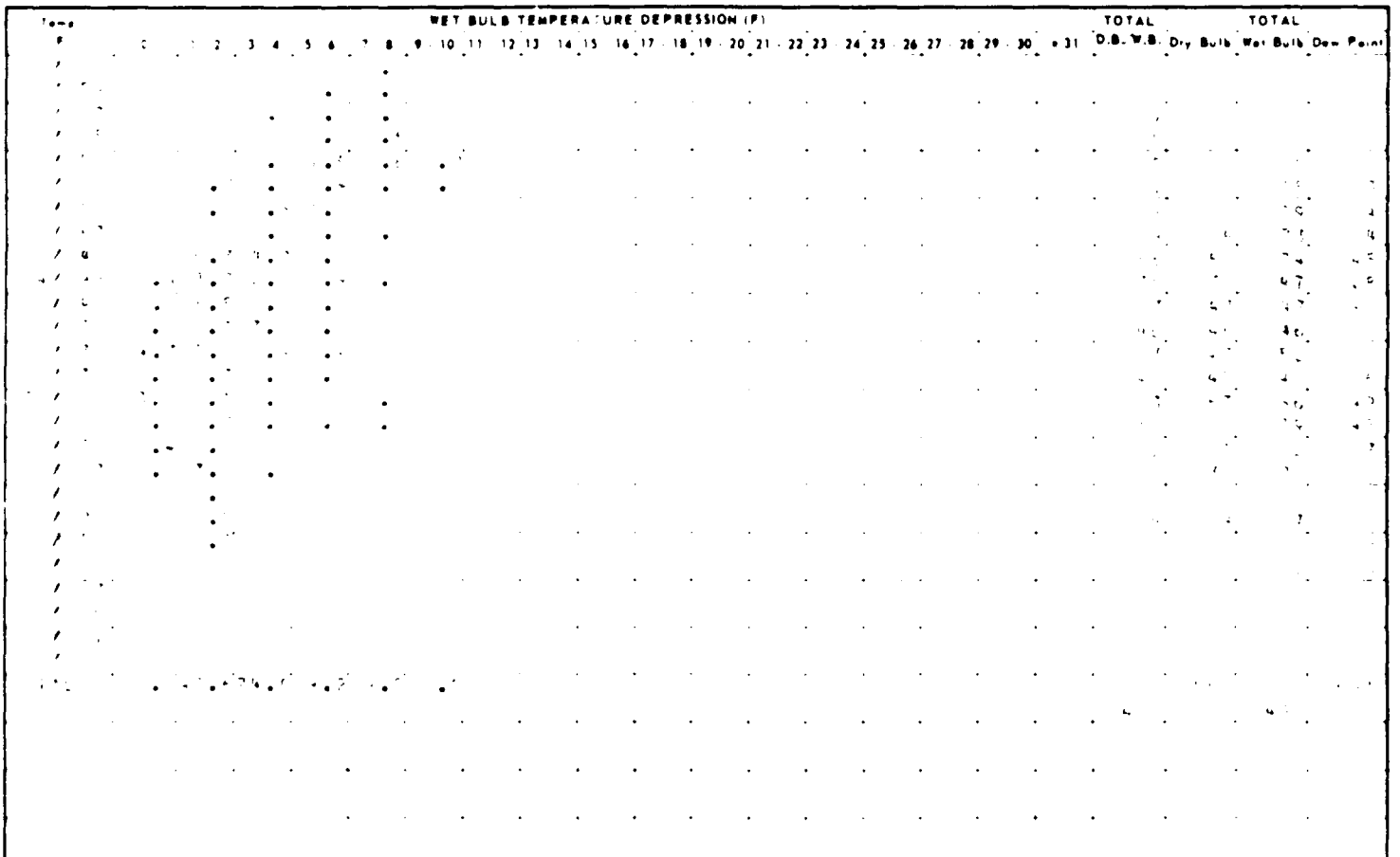
Element	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature: ≤ 0 °F	≤ 32 °F	≤ 67 °F	≤ 73 °F	≤ 80 °F	≤ 93 °F	Total
Rel Hum			37.[illegible]	[illegible]	[illegible]							
Dry Bulb			37.[illegible]	7.[illegible]	[illegible]							
Wet Bulb			36.[illegible]	6.[illegible]	[illegible]							
Dew Point			34.[illegible]	9.[illegible]	496		37.[illegible]					

USAFETAC Form 0-26-5 (OL-A) Previous editions of this form are obsolete.

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS



Element	Σx	Σx²	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.	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												

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

WET BULB TEMPERATURE DEPRESSION (F)

Temp 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	Wet Bulb	Dew Point

Element	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb		[illegible]					
Wet Bulb		[illegible]					
Dew Point		[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.	TOTAL W.B.	TOTAL Dew Point
		Dry Bulb	Wet Bulb	

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	≥ 91 °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 Dew Point

Element	Σx	Σx²	x̄	σx	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

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	≤ 72 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

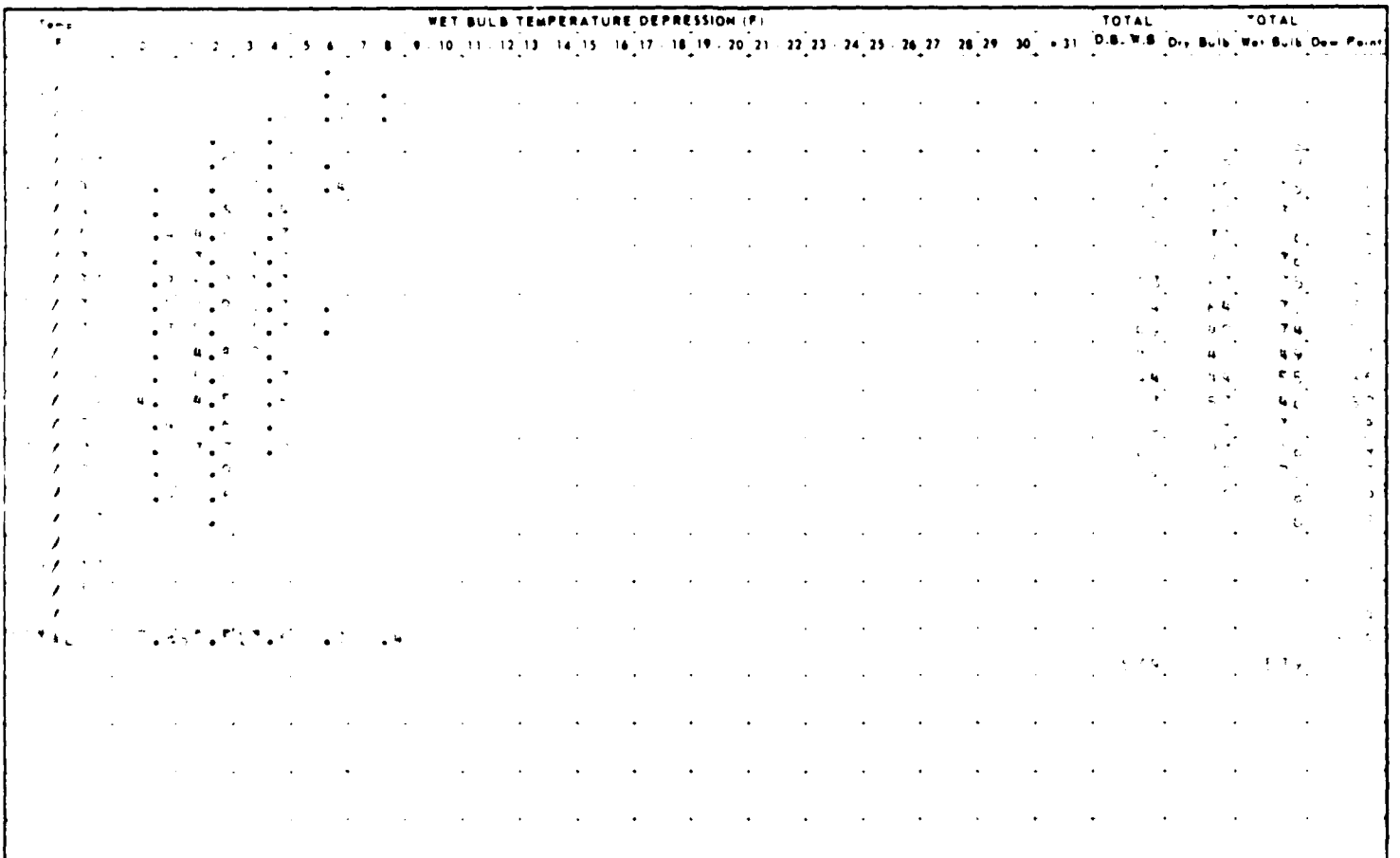
Element X	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature +0 F	+32 F	+67 F	+73 F	+80 F	+93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS



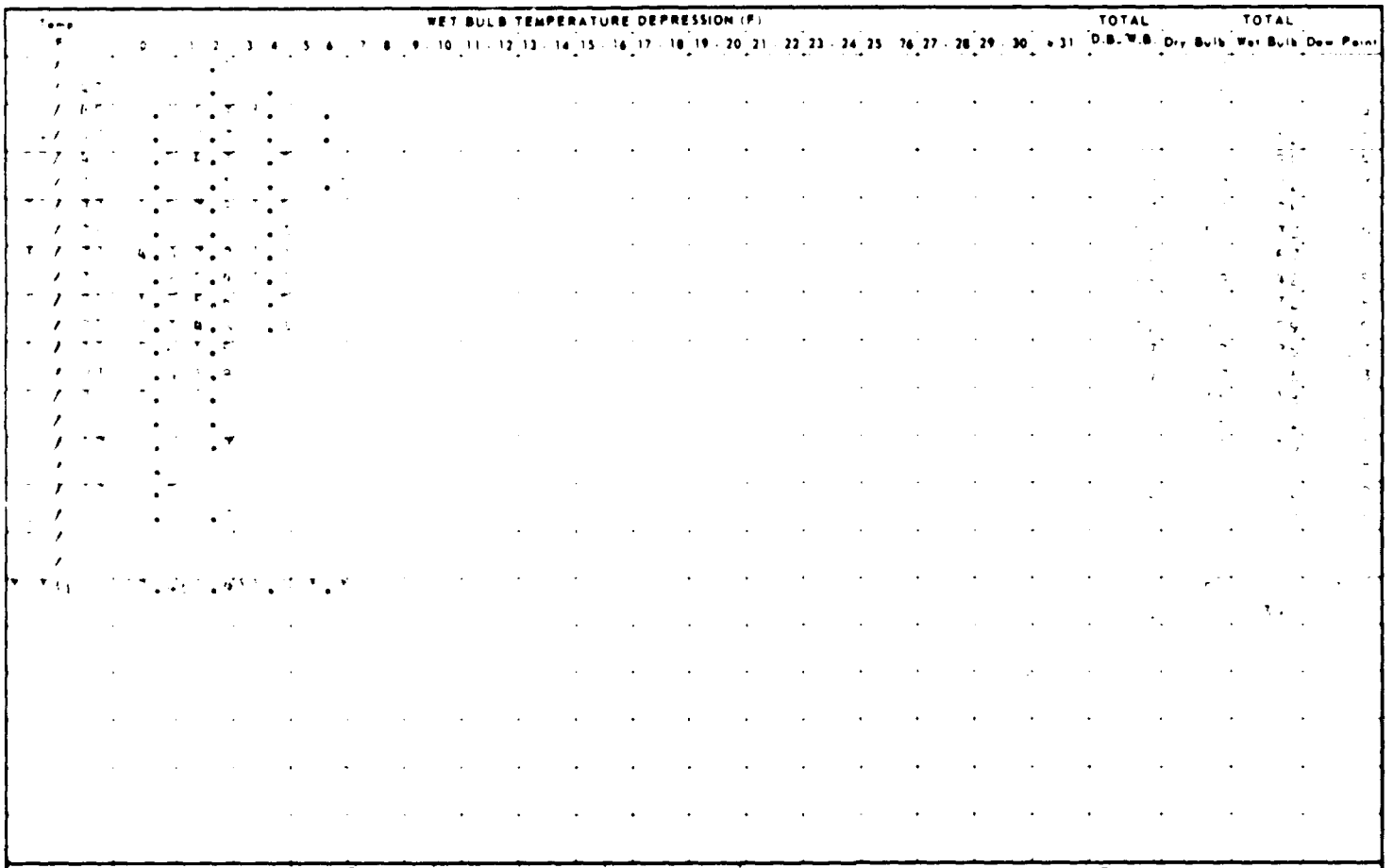
Element	Σx	Σx²	x̄	σx	No Obs	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS



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			33.°	7.68°	731		10.5					
Wet Bulb			31.°	7.28°	731		45.°					
Dew Point			29.°	7.86°	731		57.4					

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

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS _____

MEANS AND STANDARD DEVIATIONS

HR		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	7.4	37.0	36.9	37.5	45.0	52.7	[illegible]	54.0	[illegible]	41.1	32.5	31.0	[illegible]
	S.D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	124	125	124	118	124	120	124	124	120	124	120	124	1474
	MEAN	[illegible]	[illegible]	[illegible]	39.[illegible]	46.4	55.[illegible]	[illegible]	[illegible]	[illegible]	42.5	[illegible]	31.4	[illegible]
	S.D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	571	[illegible]	572	551	614	596	624	647	604	622	493	547	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	41.[illegible]	[illegible]	[illegible]	44.[illegible]	6[illegible]	[illegible]	43.4	[illegible]	[illegible]	[illegible]
	S.D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	58[illegible]	52[illegible]	570	555	624	624	625	639	652	649	496	554	[illegible]
	MEAN	[illegible]	[illegible]	44.[illegible]	4[illegible]	[illegible]	4[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S.D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	58[illegible]	[illegible]	570	555	624	624	633	655	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	MEAN	[illegible]	[illegible]	4[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S.D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	57[illegible]	522	594	544	614	615	624	632	654	648	488	554	[illegible]
	MEAN	[illegible]	[illegible]	41.4	47.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S.D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	4[illegible]	472	518	518	474	559	621	552	554	559	438	531	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	4[illegible]	[illegible]	[illegible]	[illegible]	6[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S.D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	124	[illegible]	124	118	124	120	124	124	120	124	120	124	[illegible]
	MEAN													
	S.D													
	TOTAL OBS													
ALL HOURS	MEAN	[illegible]	31.4	4[illegible]	4[illegible]	55.[illegible]	62.01	[illegible]	61.9[illegible]	[illegible]	47.4[illegible]	[illegible]	33.[illegible]	[illegible]
	S.D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	1[illegible]	2[illegible]	3[illegible]	2[illegible]	3[illegible]	3[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	26[illegible]	[illegible]	[illegible]

USAF ETAC FORM OCT 70 0-09 5 (OL A)

MEANS AND STANDARD DEVIATIONS

[illegible] TEMPERATURES [illegible]

[illegible] MANY 74-84

STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	43.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.619	[illegible]	[illegible]	[illegible]	[illegible]	7.647	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	121	[illegible]	[illegible]	[illegible]	153	124	117	1722
[illegible]	MEAN	[illegible]	26.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54.2	[illegible]	[illegible]	34.4	[illegible]	[illegible]
	S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.332	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	606	[illegible]	547	646	[illegible]	493	547	[illegible]
[illegible]	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57.7	57.8	[illegible]	44.2	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.773	5.777	[illegible]	6.993	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	624	[illegible]	[illegible]	[illegible]	695	496	558	[illegible]
[illegible]	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.776	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	627	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	553	[illegible]
[illegible]	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	56.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.558	[illegible]	4.311	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	632	[illegible]	[illegible]	489	[illegible]	[illegible]
[illegible]	MEAN	[illegible]	[illegible]	[illegible]	41.3	[illegible]	[illegible]	[illegible]	57.6	53.7	[illegible]	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.769	5.759	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	516	[illegible]	[illegible]	[illegible]	[illegible]	562	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-23	MEAN	[illegible]	[illegible]	[illegible]	33.7	47.6	[illegible]	[illegible]	55.5	[illegible]	44.4	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	[illegible]	[illegible]	5.657	[illegible]	[illegible]	4.897	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	227	257	[illegible]	261	[illegible]	[illegible]	126	[illegible]	[illegible]
	MEAN													
	S.D.													
	TOTAL OBS													
ALL HOURS	MEAN	[illegible]	29.6	37.5	[illegible]	48.6	[illegible]	57.2	57.2	[illegible]	44.7	[illegible]	[illegible]	[illegible]
	S.D.	[illegible]	6.321	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.225	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	3296	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3556	[illegible]	[illegible]	[illegible]	[illegible]

MEANS AND STANDARD DEVIATIONS

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
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	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
ALL HOURS	MEAN	27.0	25.0	33.2	34.5	42.4	49.1	52.7	52.4	49.5	42.1	34.6		
	S.D.	7.875	7.387	7.029	6.838	6.711	6.711	5.615	5.495	6.227	6.191	7.511		
	TOTAL OBS	3115	2811	3226	2991	3387	3419	3433	3596	3556	3496	2654		

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RELATIVE HUMIDITY

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	40	50	60	70	80	90			
JAN											
TOTALS											

USAPETAC

[illegible]

RELATIVE HUMIDITY

[illegible]

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

Month	Hours (L.S.T.)	10	20	30	40	50	60	70	80	90	Mean Relative Humidity	Total No. of Obs.
		PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										
[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]	[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]	[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]	[illegible]	[illegible]	[illegible]

USAFETAC [illegible]

RELATIVE HUMIDITY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

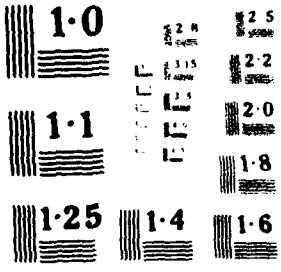
MONTH	HOURS	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		[illegible]	[illegible]	30	40	50	60	70	80	90		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[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]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	45.3	[illegible]	[illegible]
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

USAFETAC FORM [illegible] A

AD A147 205 ANSBACK AHP GERMANY LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCS)(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. SEP 84 4/4

UNCLASSIFIED USAFETAC/DS-84/030 SBI-AD-E850 754 F/G 4/2 NL




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[illegible] CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

RELATIVE HUMIDITY

[illegible] GERMANY [illegible] PERIOD [illegible]
STATION NAME 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
		30	40	50	60	70	80	90		
[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]	[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]	[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]	[illegible]

[illegible]
[illegible]

RELATIVE HUMIDITY

[illegible] [illegible] STATION [illegible] STATION NAME [illegible] PERIOD MAY 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		
MAY	[illegible]											
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.4	89.7	57.4	2.4	54.1	475
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	98.5	92.6	73.7	19.1	2.9	61.1	611
	[illegible]	[illegible]	[illegible]	99.1	96.2	[illegible]	82.9	41.9	2.3	[illegible]	57.1	622
	[illegible]	[illegible]	[illegible]	97.1	84.5	[illegible]	41.1	24.7	4.9	[illegible]	59.1	625
	[illegible]	[illegible]	99.7	94.1	74.4	[illegible]	39.2	25.2	14.5	2.4	57.1	615
	[illegible]	[illegible]	[illegible]	96.1	84.1	67.9	44.4	25.3	[illegible]	[illegible]	51.1	474
	[illegible]	[illegible]	[illegible]	93.1	73.1	61.5	56.5	40.9	25.1	[illegible]	68.1	227
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

USAPETAC FORM [illegible] [illegible] OL A

[illegible]
[illegible]
[illegible]

RELATIVE HUMIDITY

[illegible] STATION [illegible] STATION NAME [illegible] PERIOD JUN 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		
JUN	[illegible]											
	[illegible]	1	[illegible]	[illegible]	[illegible]	99.4	87.1	66.7	31.3	7.5	63.[illegible]	191
	[illegible]	1	[illegible]	[illegible]	[illegible]	99.1	97.9	9[illegible].6	77.7	47.4	[illegible]9.[illegible]	79.	676
	[illegible]	1	[illegible]	[illegible]	[illegible]	99.5	96.6	84.	64.1	39.9	14.7	[illegible].3	55.9	624
	[illegible]	1	[illegible]	[illegible]	99.[illegible]	97.4	91.4	68.9	41.5	21.1	6.5	[illegible].8	57.9	677
	[illegible]	1	[illegible]	[illegible]	99.[illegible]	94.	91.2	81.5	76.5	22.4	7.8	[illegible].4	56.1	615
	[illegible]	1	[illegible]	[illegible]	99.6	95.1	87.4	72.5	48.1	3 .1	13.2	4.1	5 .5	579
	[illegible]	1	[illegible]	1 [illegible]	[illegible]	98.9	94.[illegible]	87.9	66.1	42.4	23.[illegible]	9.1	67.1	257
TOTALS		1	[illegible]	99.5	97.9	92.5	[illegible].7	83.9	46.5	25.2	11.1	67.3	3419	

USAPETAC FORM [illegible] 0-87-5 OL A

RELATIVE HUMIDITY

[illegible] ANCH
[illegible]
[illegible] SERVICE/MAC

[illegible] [illegible] BEACH AND [illegible] GERMANY
STATION NAME

[illegible]
PERIOD

JUL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOUR LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		0	[illegible]	30	40	50	60	70	80	90		
JUL	[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]	[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]	[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]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]											
	[illegible]											
	[illegible]											
TOTALS		[illegible]	[illegible]	89.4	97.5	92.1	79.3	51.5	45.1	27.9	12.2	67.1	3433

USAPETAC FORM [illegible] 5-87-5 01 A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

[illegible] ANSBACH AND GERMANY 74-93 AUG
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		
AUG	[illegible]											
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.4	98.8	96.[illegible]	77.5	39.3	87.[illegible]	173
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.7	98.5	91.7	[illegible].3	29.4	83.7	647
	[illegible]-11	[illegible]	[illegible]	[illegible]	99.[illegible]	97.3	[illegible]	47.4	21.8	5.6	69.7	639
	12-14	[illegible]	[illegible]	99.[illegible]	92.7	69.6	45.8	24.[illegible]	10.6	[illegible].3	61.[illegible]	633
	[illegible]-17	[illegible]	[illegible]	[illegible]	85.4	61.6	38.9	22.[illegible]	9.3	2.7	57.3	632
	[illegible]-20	[illegible]	[illegible]	99.[illegible]	93.4	80.8	55.5	33.7	16.2	5.5	64.3	562
	[illegible]-23	[illegible]	[illegible]	[illegible]	97.[illegible]	94.6	76.[illegible]	58.[illegible]	26.[illegible]	11.2	72.8	26
TOTALS		[illegible]	[illegible]	99.6	95.4	85.3	69.4	53.2	32.[illegible]	14.[illegible]	71.8	7546

GLOBAL CLIMATOLOGY BRANCH
USAPETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

105 ANSBACH AAF GERMANY 74-83 SEP
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		
SEP	01-04											
	05-07	100.0	100.0	100.0	100.0	99.4	99.4	98.1	83.2	55.5	89.9	155.
	08-10	100.0	100.0	100.0	100.0	99.8	99.8	98.1	84.6	53.1	89.5	646.
	11-13	100.0	100.0	100.0	100.0	98.6	89.1	72.5	35.5	16.8	76.5	65.
	14-16	100.0	100.0	100.0	98.3	84.5	65.5	39.5	15.2	4.2	65.2	652.
	17-19	100.0	100.0	100.0	95.7	79.8	49.7	32.2	14.1	4.6	62.9	65.
	20-22	100.0	100.0	100.0	99.8	94.2	77.1	57.9	29.3	12.9	72.6	567.
	23-25	100.0	100.0	100.0	100.0	100.0	93.7	81.5	48.7	25.2	80.2	278.
TOTALS		100.0	100.0	100.0	99.1	93.6	81.3	67.5	43.9	24.6	76.7	3556.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

[illegible] ANSPACH AMP GERMANY [illegible] PERIOD OCT
STATION STATION NAME 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		
OCT	[illegible]											
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	98.[illegible]	88.2	69.9	[illegible]	153
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.8	87.8	69.4	92.	632
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.4	97.2	88.7	69.[illegible]	43.8	85.4	645
	[illegible]	[illegible]	[illegible]	[illegible]	99.5	96.6	96.5	68.8	42.1	20.7	76.5	644
	[illegible]	[illegible]	[illegible]	[illegible]	99.[illegible]	96.5	94.2	63.8	37.7	18.9	75.2	64
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.8	96.8	87.5	59.3	32.2	83.[illegible]	559
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.[illegible]	71.3	43.4	86.8	623
TOTALS		[illegible]	[illegible]	[illegible]	99.6	98.9	95.[illegible]	85.5	65.[illegible]	41.6	84.5	3496

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

USS [illegible] BASE AMP GERMANY 74-75,77-81 PERIOD NOV MONTH
STATION STATION NAME

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		
NOV	[illegible]											
	[illegible]	[illegible]	[illegible]	[illegible]	99.2	99.2	98.4	94.4	87.1	54.[illegible]	89.7	124
	[illegible]	[illegible]	[illegible]	[illegible]	99.4	99.4	98.6	95.1	86.6	62.2	9[illegible].6	493
	[illegible]	[illegible]	[illegible]	[illegible]	99.4	98.2	93.5	82.2	43.6	87.8		496
	[illegible]	[illegible]	[illegible]	[illegible]	99.6	98.2	94.9	83.9	5[illegible].5	[illegible].8	82.[illegible]	491
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	98.4	94.9	85.[illegible]	57.3	33.9	82.6	489
	[illegible]	[illegible]	[illegible]	[illegible]	99.5	98.4	90.7	74.4	47.7	87.[illegible]		396
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.6	85.7	71.4	43.7	86.[illegible]		126
TOTALS	[illegible]	[illegible]	[illegible]	[illegible]	99.7	99.2	97.3	92.2	73.9	46.1	86.7	2615

USAFETAC FORM 0-8[illegible]-5-OL A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

[illegible] ANSBACH AMP GERMANY 74-75,77-81 DEC
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%		
DEC	[illegible]											
	[illegible]	100.0	100.0	100.0	100.0	100.0	99.1	97.2	71.8	45.3	86.5	117
	[illegible]	100.0	100.0	100.0	100.0	100.0	99.6	96.7	83.1	53.0	88.7	547
	[illegible]	100.0	100.0	100.0	100.0	100.0	99.6	93.7	76.0	47.2	87.4	558
	[illegible]	100.0	100.0	100.0	100.0	100.0	98.6	89.7	67.1	38.7	85.0	553
	[illegible]	100.0	100.0	100.0	100.0	100.0	99.3	97.4	74.8	39.5	85.5	539
	[illegible]	100.0	100.0	100.0	100.0	100.0	99.7	94.1	78.5	47.1	87.3	391
	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	94.7	72.6	43.6	86.1	117
TOTALS		100.0	100.0	100.0	100.0	100.0	99.4	93.1	74.0	44.2	86.6	7822

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

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PART s 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.

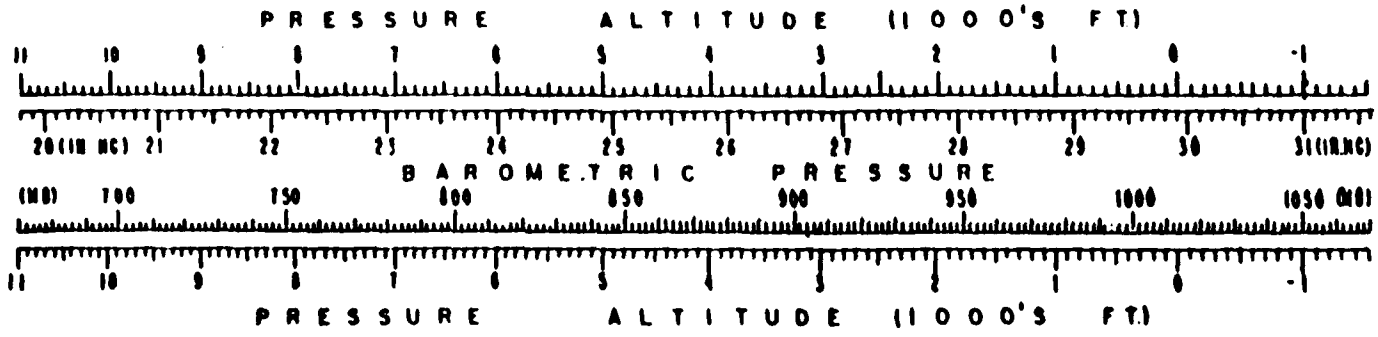
NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure.

5

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

STATION PRESSURE IN INCHES OF MERCURY TO TENTHS

STATION AND NAME — YEARS 74-84

HOUR		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN													
	SD													
	TOTAL OBS													
	MEAN													
	SD													
	TOTAL OBS													
	MEAN													
	SD													
	TOTAL OBS													
	MEAN													
	SD													
	TOTAL OBS													
	MEAN													
	SD													
	TOTAL OBS													
ALL HOURS	MEAN													
	SD													
	TOTAL OBS													

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

END

DATE
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