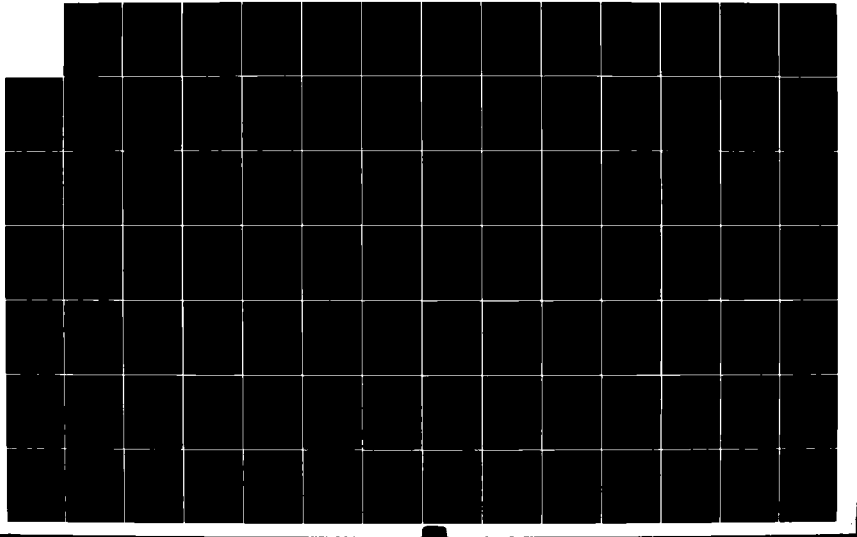
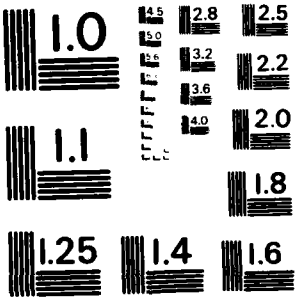
AD-A131 193 CARSWELL AFB TEXAS REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATION..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAY 83 1/5

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MICROCOPY RESOLUTION TEST CHART
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DS 83020

(1)

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

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MAR 3 1983

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1 REPORT NUMBER: USAFETAC/DS 83020	2 GOVT ACCESSION NO. AD-A127 193	3 RECIPIENT'S CATALOG NUMBER
4 TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- CARSWELL AFB, TEXAS		5 TYPE OF REPORT & PERIOD COVERED: Final rept
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18 SUPPLEMENTARY NOTES

SUPERSEDES REPT. NO. USAFETAC/DS-79/115, AD-A079846.

19 KEY WORDS (Continue on reverse side if necessary and identify by block number)

*RUSSWO	Daily temperatures	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometric summary
Surface Winds	Extreme temperature	Ceiling versus visibility
Relative Humidity	*Climatological data	(over)

20 ABSTRACT (Continue on reverse side if necessary and identify by block number)

This report is a six-part statisitical summary of surface weather observations for CARSWELL AFB, TEXAS

It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (Daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric (over)

DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE

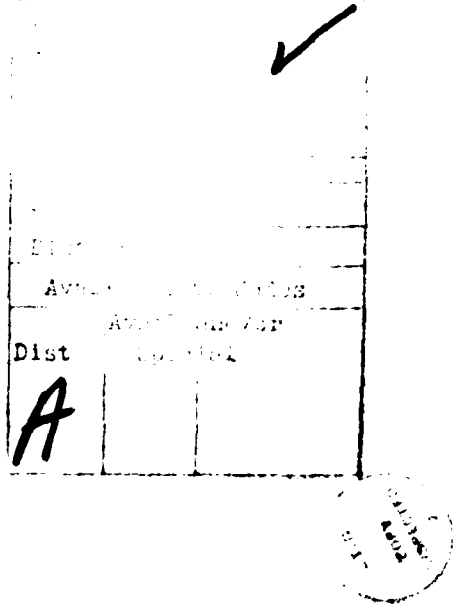
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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

*TEXAS
*CARSWELL AFB
*

20. Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurance or cumulative percentage frequency of occuring tables.



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

U S AIR FORCE
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REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services, and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV.
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0259, 0300-0559, 0600-0859, 0900-1159, 1200-1459, 1500-1759, 1800-2059, 2100-2359 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY	APRIL	JULY	OCTOBER
FEBRUARY	MAY	AUGUST	NOVEMBER
MARCH	JUNE	SEPTEMBER	DECEMBER

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	ELEVATION	CALL SIGN	WMO NUMBER
722595	CARSWELL AFB TEXAS/FORT WORTH	N 32 46	W 097 26	650	KFWH	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD FT	HT BARO	
1	Fort Worth AAF Texas	AAF	Sep 46	Mar 49				1.. ft	
2	Carswell AFB, Texas	AFB	Jun 49	May 56	same	same	6..	6..	
3	Same	Same	Jun 56	Mar 57	N 32 49	W 097 02	6.. ft	same	
4	Same	Same	Apr 57	Nov 60	same	same	6.. ft	1.. ft	
5	Same	Same	Dec 60	Dec 62	N 32 47	W 097 02	same	same	24
6	Same	Same	Jan 63	Dec 73	N 32 49	same	6.. ft	same	
7	Same	Same	Mar 78	Mar 83	Same	Same	Same	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS: ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Sep 46	Not available.	Anemometer	N A	N A	
2	Jun 53	Located on top of control tower.	Belfort	MR 144	60 ft.	
3	Apr 56	Located on the control tower.	Same	Same	80 ft.	
4	Apr 57	Located near rnwy.	AN/GMQ-11	R-2	1.. ft.	
5	Dec 60	Located 150 yds E of N-S rnwy in open area.	Same	Same	1.. ft.	
6	May 63	Located 150 yds E of S rnwy in open area.	Same	same	1 ft.	
7	Jan 64	1. Located 450 ft E of S rnwy. 2. Located 520 ft E of N rnwy.	Same Same	same	same same	
8	Apr 69	1. Same 2. Same	Same Same	R-3002	Same same	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
9	Feb 78	1. Same 2. Same	Same Same	Same	Same Same	
10	Mar 83	1. Same 2. Same	Same Same	Same	Same Same	

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A

PART A WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.

2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below.

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 from Jan 66 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

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 sums of the individual categories may exceed the percentages 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 (also drifting snow when reported from non-WBAN sources).

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

Continued on Reverse

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.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

72259 STATION | CARSWELL AFB TX STATION NAME | 73-82 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & 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
JAN	00-02	.4	7.3	1.5	1.5		10.1	12.7	.4	.3		13.4	[illegible]
	03-05	.4	7.1	1.7	.9		9.6	15.3	.2	.3		15.5	930
	06-08	.1	9.6	1.5	.6		11.6	19.9	.9	.4	.1	21.1	[illegible]
	09-11	.3	7.8	2.4	2.2		11.8	22.9	4.0	.2	.2	26.5	930
	12-14		7.3	1.5	1.9		10.1	14.5	4.2			[illegible]	930
	15-17	.2	6.6	.4	2.2	.3	11.0	12.5	3.5		.1	15.3	930
	18-20	.8	7.6	.8	1.3		9.4	12.7	2.9		.4	15.4	930
	21-23	.2	7.2	1.5	1.1		9.6	13.1	.8	.1		13.9	930
TOTALS		.3	7.8	1.4	1.5	.0	10.4	15.5	2.1	.2	.1	17.4	744[illegible]

...AL CLIMATOLOGY BRANCH
...ETAC
... WEATHER SERVICE/MAC

WEATHER CONDITIONS

...95 CAPS.ELL AFB TX 73-82 FE
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & 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
FEB	0-02	.5	7.8	1.1	2.7	.1	1[illegible].6	12.6	1.2		.9	1[illegible].2	846
	03-05		6.4	1.3	2.6		9.5	14.1	1.8		.1	1[illegible].7	845
	06-08	.4	7.6	1.5	3.9		11.3	21.5	2.6	.2	.7	2[illegible].7	846
	[illegible]-11		7.[illegible]	.7	3.9		11.3	21.0	7.[illegible]	.1	.7	3[illegible].6	846
	12-14		7.4	.6	2.4		9.9	14.2	6.1	.1	.9	1[illegible].7	846
	15-17		6.4	.5	2.0		8.2	11.3	4.6		.3	1[illegible].4	846
	18-20	.4	5.1	.7	.7		6.3	9.3	2.7		.4	1[illegible].2	846
	21-23	.1	5.2	1.2	2.1	.1	7.4	9.7	1.3		.1	1[illegible].7	846
TOTAL		.2	6.6	1.0	2.6	.0	9.3	14.2	3.3	.1	1.0	1[illegible].1	6767

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WEATHER CONDITIONS

72...95 (STATION) CARSWELL AFB TX (STATION NAME) 73-82 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & 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
MAR	00-02	1.2	5.6		.1		6.6	7.2	.2		.2	.4	929
	03-05	1.4	6.9	.1	.2		7.1	11.7	.5		.5	12.7	929
	06-08	1.8	6.7	.2	.1		8.9	19.6	3.2			22.2	929
	09-11	.3	7.2	.2			7.4	14.2	6.2		.8	19.9	930
	12-14	.5	6.4		.4		6.7	7.3	3.9		.5	11.4	929
	15-17	1.2	6.3		.2	.2	6.6	6.4	3.1		1.3	10.5	929
	18-20	1.7	7.2				7.2	6.5	1.6		.3	1.5	928
	21-23	1.5	6.9		.1		6.9	6.6	.3		1.6	7.5	929
TOTALS		1.2	6.7	.1	.1	.1	6.9	9.8	2.4		1.0	12.7	7432

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...WEATHER SERVICE/MAC

WEATHER CONDITIONS

...555 CARSWELL AFB TX 73-87 APR
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOUR	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & 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
APR	2-12	2.2	5.9				5.9	5.4	.7		1.1	7.	[illegible]
	13-15	1.2	5.1				5.1	8.9	.7		.7	1 .2	[illegible]
	6-08	.8	5.2				5.2	72.9	5.9		.4	55.1	[illegible]
	09-11	.7	6.7				6.7	11.1	6.5		.3	17.1	[illegible]
	12-14	1.0	6.3				6.3	5.6	5.6		.3	11.2	899
	15-17	1.8	5.8			.2	5.8	4.3	4.4		.7	7.1	[illegible]
	18-20	2.4	5.7				5.7	3.4	1.7		1.0	4.1	899
	21-23	2.8	6.1				6.1	2.8	.4		.2	4.2	[illegible]
TOTALS		1.5	5.9			.2	5.9	8.1	4.3		.7	11.2	7198

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WEATHER CONDITIONS

...95 CARSWELL AFB TX 73-82 MAY
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & 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	...0-02	4.3	5.6			.1	9.6	9.4	.4			9.5	93...
	03-05	4.3	7.6				7.6	9.5	1.3			1...4	93...
	6-08	1.9	7.1				7.1	2...3	5.9			3 ...	9...
	09-11	1.4	4.6				4.8	8.5	7.7			1...1	93...
	12-14	2.0	3.2				3..	2.7	4.4			6.9	93...
	15-17	2.4	3.8				3.8	2..	3.1			5.2	93...
	18-2	4.0	6.5			.1	6.5	2.4	2.6		.3	5.3	9...
	21-23	4.8	5.9				5.9	2.5	1.3		.2	3.3	93...
TOTALS		3.2	5.8			..	5.8	7.4	3.3		.1	1.4	7439

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WEATHER CONDITIONS

72595 CARSWELL AFB TX 73-87 JUN
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOUR (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN 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 NUMBER OBS
JUN	00-02	3.8	4.8				4.9	.4	.1			.8	2.7
	03-05	3.1	5.2				5.2	3.6	1.2			4.3	2.7
	06-08	1.9	5.0				5.0	11.9	5.7			13.0	898
	09-11	1.8	3.4				3.4	3.2	3.7			8.4	2.3
	12-14	.8	1.4				1.4	.4	1.3			1.8	2.7
	15-17	1.4	1.7				1.7		.7			.7	898
	18-20	2.6	2.6				2.6	.1	.3			.4	2.7
	21-23	2.1	2.7				2.3	.3	.3			.7	899
TOTALS		2.2	3.3				3.3	2.5	1.7			3.6	7195

...AL CLIMATOLOGY BRANCH
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A... WEATHER SERVICE/MAC

WEATHER CONDITIONS

...6 CARSWELL AFB TX 73-82 JUL
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

HOUR	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN OR DRIZZLE	SNOW AND OR SLEET	HAIL	FOG	SMOKE OR HAZE	BLOWING SNOW	DUST OR SAND	OBS WITH ALL TYPES	TOTAL OBS
JUL 00-02	.5	1.7				1.7	.5	1.2		1.7	930
03-05	1.1	2.3				2.3	1.6	.4		2.9	929
06-08	.5	2.3				2.3	4.8	7.1		14.4	930
09-11	.5	2.5				2.5	1.4	6.5		7.5	928
12-14	2.4	3.4				3.4	.3	2.9		3.1	930
15-17	4.1	5.1				5.1	.1	2.7		2.9	929
18-20	2.7	2.8				2.8	.2	1.9		2.2	929
21-23	1.6	2.9				2.9	.4	1.3		1.7	929
	1.7	2.6				2.6	1.2	3.1		4.	7434

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WEATHER CONDITIONS

...SAF CAMPBELL AFB TX 73-80 ...

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

...	0-2	1.3	2.2			2.2	.2	.2		1.1	7.9
	3-5	.9	3.1			3.0	1.5	1.9		7.1	7.7
	6-8	.6	5.4			5.4	6.7	12.9		1.1	7.9
	9-11	.4	2.9			2.9	2.4	5.4		10.1	7.9
	12-14	1.1	2.5			2.5	1.3	4.2		7.3	7.8
	15-17	3.1	3.1			3.1	.4	3.1		7.5	7.7
	18-20	1.9	3.1			3.1	.2	4.5	.1	1.1	7.7
	21-23	.4	1.5			1.5	.1	.5		.6	7.7
		1.2	2.7			2.7	1.6	4.4	.1	5.3	7435

... SOLAR ...

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

72259 CARSWELL AFB TX (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & 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
SEP	00-02	.3	4.9				4.9	3.6	1.6			7.1	899
	03-05	.3	5.3				5.3	6.8	2.2			7.9	900
	06-08	.3	6.9				6.9	17.6	11.9			27.2	898
	09-11	.7	6.8				6.8	8.6	15.4			23.2	898
	12-14	1.7	6.0				6.0	3.4	6.5			9.9	899
	15-17	2.0	6.4				6.4	2.2	4.9			7.1	900
	18-20	.7	5.7				5.8	2.0	4.1			6.3	900
	21-23	.4	5.1				5.1	1.8	1.8			3.6	900
TOTALS		.8	5.8				5.8	5.8	6.1			11.4	7198

LL FAL CLIMATOLOGY BRANCH
L AFETAC
A WEATHER SERVICE/MAC

WEATHER CONDITIONS

[illegible] 23095 CARSWELL AFB TX 73-82 OCT
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOUR (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & 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 NUMBER OF OBS
OCT	00-02	.8	4.9				4.9	4.5	.2			4.7	930
	03-05	1.0	6.1				6.1	7.2	.5			7.4	930
	06-08	.6	7.1				7.1	16.3	4.7			19.4	930
	09-11	.8	5.8				5.8	9.5	5.8		.2	14.9	929
	12-14	.5	5.6				5.6	5.[illegible]	1.8		.3	7.1	929
	15-17	1.0	5.1				5.1	3.8	.8		.1	4.6	929
	18-20	1.0	4.4				4.4	3.6	1.1		.2	4.7	928
	21-23	.1	4.2				4.2	3.[illegible]	.3			4.[illegible]	930
TOTAL		.6	5.4				5.4	6.7	1.9		.1	8.4	7435

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

[illegible] CARSWELL AFB TX — 73-82 — YEARS — NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOUR	THUNDER STORM	RAIN AND/OR DRIZZLE	FREEZING RAIN 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
NOV	00-02	.7	5.2		.6		6.8	7.7	.1		.2	[illegible]	[illegible]
	3-5	.7	5.8		.1		6.9	11.3	.3			11.2	898
	6-8	.3	7.5		.1		7.6	20.7	2.3			21.6	899
	9-11	.2	7.7		.2		7.1	15.7	5.5			2 .2	898
	12-14	.1	5.7		.4		6.0	6.7	3.1			11.5	999
	15-17	.2	5.5		.4		6.3	7.1	2.4			9.6	899
	18-20	.2	4.7		.3		5.3	5.2	.9			7.1	897
	21-23	.2	4.9		.2		5.1	6.5	.2			8.7	999
TOTAL		.3	5.9		.3		6.2	1.5	1.9		.1	12.1	7189

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

722595 CARSWELL AFB TX 73-82 DEC
STATION NUMBER STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & 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
DEC	00-02	.3	5.7	.5	.6		6.4	9.4	.3		.5	11.2	929
	03-05	.4	5.4	.9	.6		6.5	10.3	.2		.3	11.7	929
	06-08		6.3	1.0	.2		7.4	13.7	.4			14.1	930
	09-11		5.7	.4	.6		6.3	14.5	3.0			16.7	930
	12-14	.3	5.2		.2		5.4	10.4	1.6			12.1	929
	15-17		5.2	.1	.4		5.6	8.4	2.9		.5	11.6	929
	18-20		5.1	.3			5.4	7.9	1.2		.4	9.6	924
	21-23	.1	5.2	.5	.3		5.7	8.2	.8		.4	9.3	925
TOTALS		.1	5.5	.5	.4		6.1	10.3	1.3		.3	11.7	7425

...AL CLIMATOLOGY BRANCH
...AFETAC
AI... WEATHER SERVICE/MAC

WEATHER CONDITIONS

...5 CARSWELL AFB TX 73-82 ALL
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOUR (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & 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
JAN	ALL	.3	7.8	1.4	1.5	..	1..4	15.5	2.1	.2	.1	17.4	744[illegible]
FEB		.2	..6	1..	2..	.2	9.3	14.2	3.3	.1	1..	1[illegible].1	6[illegible]7
MAR		1.2	..7	.1	.1	..	6.9	9.8	2.4		.0	1[illegible].[illegible]	7453
APR		1.6	..9			..	5.9	8.1	2.5		.7	11.2	71[illegible]3
MAY		3.2	..[illegible]			..	5.8	7.4	3.3		.1	1 .4	74[illegible]
JUN		2.2	..3				3.3	2.5	1.7			2..	7195
JUL		1.7	2.[illegible]				2..	1.2	3.1			[illegible].[illegible]	7434
AUG		1.2	2.7				2.7	1.6	4.4		..	[illegible]..	7435
SEP		..	5.8				5.[illegible]	5.8	6.[illegible]			11.4	7194
OCT		..	5.4				5.4	6.7	1.9		.1	..4	7435
NOV		.3	5.[illegible]		.3		6.2	1..5	1.[illegible]		..	12.1	7189
DEC		.1	..5	.5	.4		6.1	1[illegible].3	1.3		.3	11.7	7425
TOTAL		1.1	..3	.3	.4	.	5.9	7.8	2.9	.	.3	1[illegible].6	87[illegible]3

PART A ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the data presented in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual daily columns may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.

(2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.

(3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

2

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

72595 STATION | CARSWELL AFB TX STATION NAME | 49-82 YEARS | ALL MONTHS

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOUR	THUNDER STORM	RAIN AND/OR DRIZZLE	FREEZING RAIN & 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 REDUCED VISIBILITY	TOTAL NUMBER OF OBS
JAN	DAILY	3.3	33.4	6.6	9.7	.3	36.1	37.4	19.4	.6	.1	43.4	1,54
FEB		5.6	32.9	2.8	7.6	1.3	35.1	34.3	21.3	.6	.6	42.7	96
MAR		10.0	33.3	.6	2.6	2.1	33.5	26.1	19.1	.1	.2	35.7	1,54
APR		20.3	36.6	.1		2.1	38.6	30.5	24.1		.5	38.6	1,19
MAY		25.6	37.4			2.3	39.4	29.4	22.5			37.7	1,24
JUN		19.1	28.2			1.3	28.2	13.9	14.1			21.4	1035
JUL		14.8	24.0			.7	24.0	6.1	10.2		.1	13.9	1,54
AUG		15.1	24.7			.4	24.7	10.1	19.0		.2	23.6	1053
SEP		12.3	29.3			.8	29.3	23.7	25.3		.3	37.1	1027
OCT		9.6	26.9			.4	26.9	24.8	19.2		.2	33.9	1,54
NOV		4.7	26.6	.1	1.8	.4	27.3	27.3	14.8		.2	33.3	1014
DEC		2.5	27.7	2.3	3.4	.1	28.1	30.1	10.1		.7	35.7	1,54
TOTALS		12.1	30.4	1.0	2.1	.9	30.9	24.6	18.4	.1	.4	33.2	12399

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

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APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; means, greatest and least monthly amounts. The last three statistics are omitted from the monthly summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain missing data. This will be noted on the summary pages. A percent value of .0 in these daily amount tables indicates less than .05 percent which is usually only one occurrence.

2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

NOTES: 1. The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.

2. Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.

3. Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:		U. S. Navy and National Weather Service (USWB)	
Beginning thru 1945	at 0800LST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 57	at 1230GMT	Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

...AL CLIMATOLOGY BRANCH
...ETAC
...AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

...F... CARSWELL AFB TX 49-52
STATION STATION NAME YEARS

	AMOUNTS (INCHES)															PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02 .05	.06 .10	.11 .25	.26 .50	.51 1.00	1.01 2.50	2.51 5.00	5.01 10.00	10.01 20.00	OVER 20.00				MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1 0.4	0.5 1.4	1.5 2.4	2.5 3.4	3.5 4.4	4.5 6.4	6.5 10.4	10.5 15.4	15.5 25.4	25.5 50.4	OVER 50.4							
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 120	OVER 120							
JAN	[illegible].4	15.6	2.8	5.7	2.3	3.7	2.5	2.3	1.1	.1							31.1	1054	1.77	[illegible] .[illegible]
FEB	[illegible].4	14.[illegible]	2.2	4.5	2.4	4.4	3.9	2.[illegible]	1.6	.1							2[illegible].9	98[illegible]	1.82	4.[illegible] .[illegible]
MAR	[illegible].6	13.9	1.8	3.3	2.8	4.[illegible]	3.3	3.3	1.4	.1							[illegible]	1054	2.25	6.46 .[illegible]
APR	[illegible].1	13.1	2.4	3.4	2.2	4.9	3.[illegible]	5.1	2.4	.5							25.[illegible]	1020	3.77	14.16 1.[illegible]
MAY	[illegible].[illegible]	12.[illegible]	2.4	4.2	1.6	4.4	4.[illegible]	5.4	2.[illegible]	.5	.1						27.2	1054	4.38	15.17 .[illegible]
JUN	71.[illegible]	9.7	.8	[illegible].0	1.3	3.[illegible]	3.7	2.[illegible]	3.[illegible]	.2							18.4	1020	[illegible].3	9.76 .7
JUL	75.7	8.[illegible]	.[illegible]	3.1	1.[illegible]	2.[illegible]	2.4	2.3	2.[illegible]	.2	.1						1[illegible].[illegible]	1054	2.47	9.[illegible]5TRACE
AUG	74.6	9.7	1.1	3.0	1.3	3.3	2.[illegible]	1.7	1.6	.3							15.7	1053	1.90	6.94TRACE
SEP	[illegible].9	9.[illegible]	1.8	3.6	[illegible].1	3.[illegible]	2.[illegible]	3.6	2.9	.9							[illegible].[illegible]	1020	3.[illegible]5	[illegible].[illegible] .1
OCT	72.[illegible]	1[illegible].6	.8	2.7	1.1	2.[illegible]	3.2	2.7	[illegible].[illegible]	.6							16.7	1054	[illegible].22	17.[illegible]5TRACE
NOV	72.4	10.[illegible]	1.6	3.7	2.5	2.9	3.3	1.9	1.7								17.6	1019	1.7[illegible]	6.26TRACE
DEC	71.8	11.4	1.6	3.2	2.9	3.1	2.3	2.[illegible]	1.6								16.[illegible]	1054	1.75	6.67TRACE
ANNUAL	68.6	11.[illegible]	1.7	3.6	[illegible].1	3.6	3.2	2.9	2.3	.3	.[illegible]						19.7	12416	31.44	- -

USAFETAC FORM OCT 79 0-15-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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...ATHER SERVICE / AC

EXTREME VALUES

...CIPITATION

...CC ...ARSWELL AFB TX ... 4 ...EC ...

24 HOUR AMOUNTS IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
4	1.04	2.45	1.7	1.2	1.0	2.3	.17	.1	.5	2.29	T	.5	2.
	1.	1. 4	1.3	1. 1	2. .4	1. .8	1.84	1.72	2.32	.1	T	T	2.3
	.5	1.27	.6	1.3	.8	1.2	1.23	.3	1.11	.5	.3	.7	1.
	.4	.69	.2	1.3	.9	.7	.54	.6	1.23	T	.3	1.7	1.
	.7	.43	2	1.9	1.22	1.3	2.67	1.75	.7	2. .4	1.1	.6	2.
	.3	. 9	.3	1.1	1.4	.3	.57	.69	.1	.42	1.7	.7	1.4
	.97	1.12	.4	.4	2.4	1.9	.3	.5	1.5	. 1	.5	.7	2.4
	.4	1.92	. 1	1.2	2.9	1.1	.1	.65	.21	1.2	.77	1.7	1.
	.5	1.18	1.15	3.3	5.6	1. 7	.75	T	1.3	1.7	1.2	.1	5.
	.7	.26	.5	1. .1	.95	.4	1.54	1.22	2.62	2.1	.7	.7	2.
	.	.27	.6	.3	.74	2.5	1. 1	.4	.16	2.1	.1	.4	2.
	1.34	.65	.22	1.2	1. .7	.37	.92	1.	.5	.6	.1	3.4	3.
	2.71	.32	1.72	.1	.5	3.47	1.55	.95	.5	2.	1.17	.5	3.4
	.5	.46	1. 2	1.49	.4	1. .2	2.54	.5	4.7	1. .2	1.13	.7	4.
	.4	.8	.9	1.2	.2	.77	.1	1. .4	.7	.5	.6	.9	1.
	1.37	.5	.29	.43	1. .5	.4	1.6	1.42	3.17	.27	1.51	.7	5.
	1.77	2.13	.4	.6	2.52	.75	.4	.44	2.54	1. .2	1. .5	.1	2.
	.9	1.1	.7	2.5	1.73	1.5	1.7	1.1	2.24	.37	.41	.7	2.
	.1	.7	.5	2.13	1.6	.4	1. .2	.7	1.7	1.23	.4	1.1	2.
	1. .3	.49	2. .1	1. .2	1.47	1.4	1.22	2.14	2.7	1.24	1.27	.7	2.
	1. .7	.92	1.55	1.72	1.84	2.27	1.53	1.65	3.1	2.7	.21	1.1	3.
	.3	1. .5	.72	2. .9	.67	.2	.51	.7	2.67	.74	.27	.1	2.
	.3	.7	.19	1.41	1.62	. 8	1. .8	1.1	.62	3.1	1. .5	1.	3.
	.2	.13	.5	1. .3	.5	1. .2	.5	1.99	.85	3. .2	.39	.1	3.
	1. .3	1.37	1. .4	1.3	1.2	2.39	2.3	1. .2	1.27	1.9	1.11	.	2.
	.7	1.34	.39	.77	1.41	2. .1	.5	.1	2.2	1.73	.65	.4	3.
	.3	1.67	.37	2.98	1.44	1.47	5.67	.3	1. .1	. 3	.36	1.	5.
	.	.22	.3	1. .1	2.41	.3	1. .1	2.17	.69	1.93	.26	1. .3	2.
	.4	1.21	1.43	.7	.69	.43	.47	1.1	2.7	.43	1.14	.7	3.
	.4	.3	1. .1	.3	1.87	.1	.2	.9	.7	.4	.6	.9	1.
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 4xx 0-88-5 (OLA)

...AL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

EXTREME VALUES
PRECIPITATION

...FROM DAILY OBSERVATIONS

...595 CAPSWELL AFB TX 48-82
STATION NUMBER STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
7	2.32	.69	.99	1.97	2.38	.50	.64	1.15	.67	1.91	.23	1.48	...*
...	.91	.71	1.01	.53	.83	.19	TRACE	TRACE	.82	.74	.85	1.77	...*
...	.31	.46	2.02	.77	2.22	1.11	1.21	1.75	2.31	2.96	1.64	.85	...*
8...	1.94	1.51	.61	.83	1.97	1.64	1.73	.47	.92	.97	1.91	1.09	...*
MEAN	.931	.906	.907	1.412	1.743	1.147	1.217	1.053	1.615	1.398	.885	.944*	...*
S D	.711	.639	.741	.712	1.415	.631	1.063	.638	1.015	.781	.917	.835	...*
TOTAL OBS	1054	961	1054	1020	1054	1020	1054	1053	1020	1054	1019	1054	...*

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 00 0-00-5 (OLA)

...AL CLIMATE DATA ARCH...
...TAC
...EATHER SERVICE/MAC

EXTREME VALUES

MONTHLY PRECIPITATION

...OR WILL AFB, TX

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX 24 HR
	T	2.04	1.19	1.77	12.29	4.74	.84	.14	2.17	3.84	T-OCT	..	..
	.14	2.21	1.54	2.50	1.65	2.72	4.20	4.14	T	..	T-OCT	T-OCT	..
	.32	2.26	..	1.7	2.60	5.32	1.29	.64	..	1.72	.89	..	..
	.57	1.20	.14	6.14	3.95	..	.20	1.7	1.14	TRACE	..	..	..
	..	1.56	.39	1.12	3.35	1.31	3.84	2.43	..	..	1.35	..	..
.14	1.14	.12	.51	3.11	1.40	.35	1.24	..	..	1.11	1.37	..	..
	1.14	2.37	2.44	1.15	2.22	1.42	.71	1.36	2.97	1.14	..	..	..
	.17	3.39	..	..	4.72	1.14	.17	.71	..	2.44	.48	..	..
	1.10	2.16	2.99	14.10	1.17	4.44	.73	T-AT	..	2.8	.44	..	..
	.65	.95	2.53	2.40	1.7	.74	2.3	1.3	..	..	1.11	..	..
	.12	.24	1.44	2.10	1.52	2.79	3.63	1.11	.7	2.32	..	.7	..
	2.7	1.56	.44	2.34	2.14	1.52	2.44	4.73	1.32	1.76	.11	..	..
	4.71	2.31	1.7	1.41	1.95	.10	2.11	1.3	1.67	3.1	2.49	..	..
	..	1.13	1.1	1.12	.6	3.61	5.77	1.1	..	2.24	.77	..	..
	.72	.13	.19	4.4	2.40	1.72	.81	.55	..	..	1.3	1.1	..
	2.47	1.18	2.21	1.1	3.41	.91	1.75	1.1	..	..	.41	4.57	..
	.11	4.53	1.1	1.74	.55	2.13	.64	1.35	1.41	2.51	1.69	..	..
	1.1	1.4	1.1	1.3	.39	4.4	2.14	.14	..	..	.5	1.1	..
	.1	.2	..	..	.51	.72	3.4	.14	5.6	2.74	1.12	..	..
	.34	1.54	.4	2.7	3.79	4.44	.4	.4	3.1	1.1	3.23	..	..
	.1	.4	4.71	4.1	2.9	.12	1.5	.15	.74	4.4	.5	..	..
	.7	4.69	.24	.7	.3	.7	.50	.27	.7	1.42	.29	..	..
	.17	1.57	.3	1.1	3.7	.1	.7	.7	1.43	.27	.13	..	..
	.1	.7	.5	.1	.23	1.7	1.37	.4	1.3	.4	1.97	..	..
	3.1	.9	2.73	.7	.2	.73	.44	.2	.2	.25	2.19	..	..
	.14	1.44	.1	1.1	.2	5.44	.1	.1	.7	.5	.35	..	..
	.1	.19	1.45	2.2	.43	.3	.3	.4	1.14	.2	.3	..	..
	.1	.43	.37	1.1	.84	2.4	.4	.14	2.71	.73	.37	..	..
.7	.1	1.75	.23	1.9	.21	.5	.1	.4	.51	.1	.52	..	..
7	.1	.3	.1	1.75	5.57	.1	.1	1.7	.1	.1	.4	..	..
MEAN													
TOTAL													

NOTE: * (BASED ON LESS THAN FULL MONTH)

USAFETAC FORM 0-8B-5 (ILA)

...AL CLIMATOLOGY BRANCH
...ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

FROM CARD OBSERVATIONS

...595 CARSWELL AFB TX 48-82
(AFOS) STATION NAME (YEARS)

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MONTHS
73	4.37	1.51	[illegible]19	4.04	6.37	1.22	1.31	2.44	1.[illegible]	3.76	.39	[illegible]	[illegible]
[illegible]	1.[illegible]	.[illegible]1	1.47	2.5[illegible]	3.[illegible]	.1[illegible]	TRACE	TRACE	[illegible].[illegible]	.79	1.14	1.[illegible]	[illegible]
[illegible]	.34	1.[illegible]	4.6[illegible]	[illegible].18	5.30	4.55	1.89	1.97	4.82	10.65	1.87	.[illegible]	[illegible]
[illegible]	.34	1.05	1.72	2.12	7.95	5.6[illegible]	[illegible].2[illegible]	.5[illegible]	.[illegible]5	2.12	2.62	[illegible].77	[illegible]
MEAN *	1.757	1.823	2.251	3.773	4.373	2.933	2.40[illegible]	1.[illegible]4	3.655	3.225	1.[illegible]9	1.748	31.[illegible]1
S D	.[illegible]4[illegible]	1.164	1.68[illegible]	2.[illegible]25	2.[illegible]76	2.397	2.162	1.492	2.567	2.916	1.[illegible]95	1.623	[illegible].844
TOTAL OBS	1[illegible]54	[illegible]6[illegible]	1[illegible].4	1[illegible].2[illegible]	1[illegible]54	1[illegible].2[illegible]	1054	1 53	1 2[illegible]	1 54	1 19	1 54	12[illegible]15

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 60 0-88-5 (OLA)

...AL CLIMATOLOGY BRANCH
...FETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

7...5 ...E — CARSWELL AFB TX — 40-67
STATION — STATION NAME — YEARS

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS INCHES		
PRECIP	NONE	TRACE	01	02 05	06 10	11 25	26 50	51 00	1 00 2 50	2 51 5 00	5 01 10 00	10 00 25 00	OVER 25.00				MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1 0.4	0.5 1.4	1.5 2.4	2.5 3.4	3.5 4.4	4.5 6.4	6.5 0.4	0.5 15.4	15.5 25.4	25.5 50.4	OVER 50.4						
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 120	OVER 120						
JAN	7...3	6...2	...6	1...0	...7	...6	...1	...1								3...3	1...4	...0	...1
FEB	72...6	5...0	...6	...7	...7	...4			...1							2...4	959	...7	11...9	...1
MAR	77...5	2...0	...3	...1					...1							...3	1...4	...3	7...0	...1
APR	2...0...7																1019	...7	...1	...1
MAY	100...7																1...4	...	...0	...0
JUN	100...7																1020	...7	...0	...1
JUL	1...0...7																1...4	...7	...1	...0
AUG	1...0...7																1...3	...7	...	...0
SEP	1...0...7																1020	...7	...0	...0
OCT	1...0...7																1...4	...7	...1	...0
NOV	98...7	1...5		...2			...1									...3	1019	...1	3...6	...0
DEC	96...7	2...6	...6	...3		...1										...9	1...4	...2	3...3	...0
ANNUAL	78...7	1...4	...2	...2	...1	...1	...0	...0	...0							...6	1241	...9	-	-

USAFETAC FORM 0-15-5 OCT 79 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

FROM DAILY OBSERVATIONS

[illegible] (STATION) CARSWELL AFB TX (STATION NAME) 40-60 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAXIMUM 12 MONTHS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]
[illegible]	[illegible]	[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]	[illegible]
[illegible]	[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]	TRACE
[illegible]	[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	TRACE	TRACE
[illegible]	TRACE	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	TRACE	TRACE	TRACE
[illegible]	[illegible]	[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	TRACE	[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	TRACE	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]
[illegible]	[illegible]	TRACE	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]
[illegible]	[illegible]	TRACE	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE
[illegible]	[illegible]*	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]*	[illegible]	[illegible]	[illegible]*	[illegible]	TRACE	[illegible]*
[illegible]	[illegible]	[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	TRACE	[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]	[illegible]
[illegible]	[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	TRACE	[illegible]*	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]	[illegible]
[illegible]	TRACE	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]
[illegible]	TRACE	TRACE	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	TRACE	TRACE
[illegible]	TRACE	[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-
S.D.	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OBS	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AUG 84 0-88-5 (OLA)

1 ... CLIMATOLOGY BRANCH
2 ... ETAC
... WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

FROM DAILY OBSERVATIONS

...95 CARSWELL AFB TX 48-82
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
7[illegible]	.[illegible]	1.4	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	1.[illegible]
8[illegible]	.[illegible]	1.6	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	TRACE	.[illegible]	1.[illegible]
81	TRACE	TRACE	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	TRACE
8[illegible]	.[illegible]	TRACE	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	TRACE	1.[illegible]
MEAN	1.03	.74	.24	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.14	.17	.[illegible]
S D	1.[illegible]71	1.574	1.[illegible]2[illegible]	.[illegible]00	.[illegible]00	.[illegible]00	.[illegible]00	.[illegible]00	.[illegible]00	.[illegible]00	.635	.592	1.[illegible]76
TOTAL OBS	1.[illegible]5J	959	1.54	1.[illegible]9	1.[illegible]4	1.[illegible]2J	1.54	1.[illegible]3	1.[illegible]2[illegible]	1.54	1.19	1.[illegible]4	124[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 86 0-88-5 (OLA)

...AL CLIMATOLOGY BRANCH
...LTAC
...WEATHER SERVICE/MAC

EXTREME VALUES

MONTHLY SNOWFALL

...95 ...APLACELL AFB TX ...STATION NAME 67-83 ...YEAR

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAXIMUM
...	...	...	...	...	...	...	...	...	...	...	...	TRACE	...
...	...	...	TRACE	...	...	...	...	...	...	...	TRACE	TRACE	...
...	...	...4	...	...	...	...	...	...	...	TRACE	...	...	...
...	TRACE	...	...	...	...	...	...	...	...	TRACE	...	...	TRACE
...	TRACE	...	...	...	...	...	...	...	...	...	...	...	...
...	...	TRACE	...	...	...	...	...	...	...	...	TRACE	...	...
TRACE	TRACE	...	...	...	...	...	...	...	...	TRACE	TRACE	...	TRACE
...	.6	TRACE	...	...	...	...	...	...	...	...	...	...	...
TRACE	...	...	...	...	...	...	...	...	...	.6	...	...	...
TRACE	1.1	TRACE	...	...	...	...	...	...	...	...	...	4.4	4.4
...	2.0	...	...	...	...	...	...	...	...	...	...	2.0	2.0
TRACE	1.4	TRACE	...	...	...	...	...	...	...	...	...	1.1	1.1
...	5.0	5.1	...	...	...	...	...	...	...	...	...	...	5.1
...	3.3	TRACE	7.8	...	...	...	...	...	...	TRACE	...	11.1	11.1
...	3.3	TRACE	TRACE	...	...	...	...	...	...	...	.3	4.4	4.4
...	6.1	TRACE	TRACE	...	...	...	...	...	...	...	TRACE	...	6.1
...	.1	TRACE	TRACE	...	...	...	...	...	...	...	...	TRACE	TRACE
66	...*	2.3	...	...	...	...*	...	...	...	...	TRACE	...	2.3
67	...	...	TRACE	...	...	...	...	...	...	...	.3	...	.3
68	TRACE	1.0	TRACE	...	...	...	...	...	...	TRACE	...	...	1.0
69	...	TRACE	...	...	...	...	...	...	...	...	...	...	TRACE
70	TRACE	...	...	...	...	...	...	...	...	...	...	...	TRACE
71	...	TRACE	...5*	...	...	...	...	...	...	...	TRACE	*	...5
72	TRACE	TRACE	...	...	...	...	...	...	...	...	1.0	...	1.0
73	3.3	TRACE	...	...	...	...	...	...	...	TRACE	...	...	3.3
74	TRACE	TRACE	TRACE	...	...	...	...	...	...	TRACE	TRACE	TRACE	TRACE
75	TRACE	1.0	TRACE	...	...	...	...	...	...	...	.4	...	1.0
76	...	...	TRACE	...	...	...	...	...	...	.6	...	...	.6
77	3.3	...	...	...	...	...	...	...	...	...	...	3.3	3.3
78	5.7	14.9	...	...	...	...	...	...	...	...	...	2.8	14.9
MEAN	...	...	...	...	...	...	...	...	...	...	...	...	...
S D	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL OBS	...	...	...	...	...	...	...	...	...	...	...	...	...

NOTE ... INDICATES ONE OR LESS THAN FULL MONTHS)

USAF ETAC FORM AM 0-88-3 (OLA)

1 ...AL CLIMATOLOGY BRANCH
2 ...ETAC
A... WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

FROM DATA GENERATION

...5 CAPEWELL AFB TX 40-82
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR / MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
7...	...7	2.1	•	...	•	...	...	...	•	•	...	•	3....
...	•	1.8	•	...	•	...	...	•	•	•	TRACE	•	1....
...	TRACE	TRACE	•	...	...	...	...	...	•	•	...	•	TRACE
...	...0	TRACE	•	...	•	...	...	...	•	•	...	TRACE	...
MEAN	1.41	1.72	.25	.01	.00	.01	.00	.00	.10	.01	.14	.17	3....
S D	1.73	...322	1.252	.01	...00	...00	...00	...00	...03	...00	...35	...10	3.8...
TOTAL OBS	1...1	959	1...4	1019	1...4	1...2	1...4	1...3	1...2	1...4	1...9	1...4	124...

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 64 0-88-5 (OLA)

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

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SAC[illegible] DEPT-
(FROM DAILY OBSERVATIONS)

[illegible] 8E — STATION — CARSWELL AFB TX — STATION NAME — 49-82 — YEARS

	AMOUNTS (INCHES)																PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01 .02	.03 .05	.06 .10	.11 .25	.26 .50	.51 1.00	1.01 2.50	2.51 5.00	5.01 10.00	10.01 20.00	OVER 20.00						MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1 0.4	0.5 1.4	1.5 2.4	2.5 3.4	3.5 4.4	4.5 6.4	6.5 10.4	10.5 15.4	15.5 25.4	25.5 50.4	OVER 50.4								
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	6 20	OVER 20								
JAN	97.7	4.6	.6	.9	.4	.3	.1										2.4	1[illegible]			
FEB	95.1	2.3	1.6	.7	.1	.2	.2										2.6	96			
MAR	99.7	.1	.2														.2	1054			
APR	100.0																	1021			
MAY	1[illegible].0																	1[illegible]4			
JUN	1[illegible].0																	1020			
JUL	1[illegible].0																	1[illegible]4			
AUG	1[illegible].0																	1053			
SEP	1[illegible].0																	1020			
OCT	1[illegible].1																	1[illegible]4			
NOV	99.6	.4	.1	.1		.4											.3	1[illegible]9			
DEC	98.9	.9	.2														.2	1[illegible]			
ANNUAL	98.9	.7	.2	.1	.1	.1	.1										.5	12416			

USAFETAC FORM OCT 75 0-15-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

72595 CARSWELL AFB TX 48-82
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
48													
49													
50	TRACE	5											
51													
52	TRACE												TRACE
53	TRACE											TRACE	TRACE
54													
55		TRACE											
56												TRACE	
57													TRACE
58	TRACE												
59	TRACE	1											
60	4	1											
61													
62	TRACE	TRACE											
63	7												
64													
65		1						*		*			
66													
67		1											
68													
69	1												
70		TRACE											
71	TRACE											TRACE	TRACE
72	4												
73													
74		10											
75													
76		TRACE											
77	4	5										TRACE	
78 *													
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AA 64 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATION

[illegible]595 CARSWELL AFB TX 42-82
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
79	TRACE												
80	TRACE												
81													
82		TRACE											
MEAN	.1*	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	1.0*
S D	.706	1.935	.239	.000	.000	.000	.000	.000	.000	.000	.596	.171	7.319
TOTAL OBS	1054	961	1054	1020	1054	1020	1054	1054	1020	1054	1019	1054	12416

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 64 0-88-5 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

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

*1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

*2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by 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.

a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.

b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

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

*Values for means and standard deviations do not include measurements from incomplete months.

C

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE / AC

EXTREME VALUES

SURFACE WIND

[illegible] CARSWELL AFB TX [illegible]

STATION / STATION NAME / YEAR

DAILY PEAK GUSTS IN KNOTS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]	[illegible]	44[illegible]	42[illegible]	47S[illegible]	6[illegible]	4[illegible]S[illegible]	4[illegible]	47N	[illegible]	4[illegible]N	31[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	35[illegible]NE	43SSE*42N[illegible]	54N[illegible]	44S[illegible]	37NN[illegible]	3[illegible]NN[illegible]	39S[illegible]	3[illegible]N	45[illegible]NE	[illegible]	[illegible]
[illegible]	[illegible]	4[illegible]SS[illegible]	42[illegible]	5[illegible]NE	49E	*4[illegible]	[illegible]	4[illegible]S[illegible]	5[illegible]	45SS[illegible]	3[illegible]	3[illegible]	[illegible]
[illegible]	[illegible]	3[illegible]	46[illegible]	6[illegible]NW	5[illegible]N[illegible]	42S[illegible]	3[illegible]SE	33SS[illegible]	54SSE+5	[illegible]	[illegible]WNW	*54[illegible]	[illegible]
[illegible]	[illegible]	3[illegible]	4[illegible]	4[illegible]SS[illegible]	44[illegible]	53S	3[illegible]NE	45SE	4[illegible]	3[illegible]	3[illegible]NN[illegible]	[illegible]	[illegible]
[illegible]4	[illegible]	4[illegible]	49[illegible]SW	52[illegible]SW	[illegible]9N[illegible]	4[illegible]SSE	37[illegible]	37SS[illegible]	45SS[illegible]	45S	3[illegible]	37N[illegible]	[illegible]
[illegible]	[illegible]	*4[illegible]	46[illegible]	49[illegible]	56SSE*39NNE	[illegible]	3[illegible]NE	43N[illegible]	59[illegible]	3[illegible]NNE	43SS	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	45[illegible]	43[illegible]	54NNE	44[illegible]	3[illegible]NN[illegible]	42S[illegible]	43[illegible]S[illegible]	3[illegible]SSE	35SS[illegible]	37SS[illegible]	[illegible]
[illegible]	[illegible]	3[illegible]NN[illegible]	36SS[illegible]	34NN[illegible]	4[illegible]	47N	44SS[illegible]	23SS[illegible]	[illegible]	*[illegible]	4[illegible]	44[illegible]	[illegible]
[illegible]	[illegible]	3[illegible]	47S	34NN[illegible]	41[illegible]	26[illegible]NE*3[illegible]	47S	39S[illegible]	*[illegible]SE	3[illegible]S[illegible]	41[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	34[illegible]	36[illegible]	55N	37S	*33[illegible]NE	52[illegible]SE	39NN[illegible]	42S[illegible]	43N[illegible]	45N[illegible]	41N	[illegible]
[illegible]	[illegible]	[illegible]	42S	36SE	34[illegible]	4[illegible]S	3[illegible]	36[illegible]	*37[illegible]	26NNE	36S	31[illegible]	[illegible]
[illegible]	[illegible]	*27N	*[illegible]	*[illegible]N[illegible]	37W	43SS[illegible]*31NW	3[illegible]	[illegible]NE	3[illegible]NNE	37N[illegible]	*3[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	4[illegible]	33[illegible]	45SS[illegible]	34[illegible]SE	41N[illegible]	4[illegible]ENE	3[illegible]	4[illegible]NNE	34S	[illegible]S	3[illegible]	[illegible]
[illegible]	[illegible]	3[illegible]SSW*35[illegible]	*34NS[illegible]	54NN[illegible]*43SSE	4[illegible]SE	3[illegible]N[illegible]*2[illegible]N	*[illegible]	*27NN[illegible]	*35N[illegible]	*[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	34[illegible]	4[illegible]	44[illegible]	47[illegible]	42SSE	4[illegible]NE	*[illegible]S	45NN[illegible]	4[illegible]	3[illegible]NN[illegible]	3[illegible]	[illegible]
[illegible]	[illegible]S[illegible]	37N	38SS[illegible]	4[illegible]	45[illegible]	33NN[illegible]	4[illegible]SE	33NNE	36S	35S	37S[illegible]	32[illegible]	[illegible]
[illegible]	[illegible]SS[illegible]*4[illegible]WSW	[illegible]5S	3[illegible]	*3[illegible]SE	34N[illegible]	65S	27[illegible]S[illegible]	33S[illegible]	7[illegible]	41N[illegible]	38[illegible]	[illegible]	[illegible]
67	[illegible]	33NN[illegible]	40[illegible]	33N[illegible]	*33N[illegible]	36SE	3[illegible]NNW	[illegible]NW	43E	34[illegible]	4[illegible]NNW	37[illegible]	[illegible]
[illegible]	[illegible]	*[illegible]N	44[illegible]	39S[illegible]	[illegible]	44[illegible]S[illegible]	[illegible]14/	3426/	3234/	3[illegible]27/	2634/	4[illegible]27/	[illegible]
[illegible]	[illegible]/	[illegible]31/	3616/	3929/	3634/	3417/	5217/	2712/	25[illegible]1/	4119/	251[illegible]/	32[illegible]1/	[illegible]
7[illegible]	[illegible]/	[illegible]1/	3417/	3631/	41[illegible]/	41[illegible]/	4[illegible]2/	2[illegible]14/	39[illegible]/	4330/	372[illegible]/	3523/	[illegible]
7[illegible]	[illegible]/	4[illegible]/	38[illegible]7/	4[illegible]/	322[illegible]/	4919/	3434/	422[illegible]/	241[illegible]/	2275/	372[illegible]/	4023/	[illegible]
7[illegible]	[illegible]/	3332/	393[illegible]/	3726/	483[illegible]/	313[illegible]/	3[illegible]19/	3414/	4735/	3[illegible]27/	3[illegible]31/	5[illegible]1/	[illegible]
7[illegible]	24/	[illegible]/	42[illegible]/	4625/	[illegible]3[illegible]/	573[illegible]/	[illegible]41[illegible]/	4322/	[illegible]715/	4[illegible]17/	351[illegible]/	3634/	[illegible]
[illegible]	[illegible]2/	342[illegible]/	4527/	391[illegible]/	[illegible]031/	3[illegible]19/	4317/	3728/	3[illegible]19/	3[illegible]17/	4334/	31[illegible]/	[illegible]
7[illegible]	[illegible]/	4735/	3311/	4212/	422[illegible]/	43[illegible]7/	[illegible]011/	4912/	2[illegible]1[illegible]/	3[illegible]15/	2[illegible]1[illegible]/	401[illegible]/	[illegible]
7[illegible]	[illegible]5/	3[illegible]31/	4232/	371[illegible]/	4[illegible]35/	3824/	3[illegible]19/	2[illegible]/	3[illegible]2*	[illegible]134/	3[illegible]1/	263[illegible]/	[illegible]
[illegible]7	[illegible]1/	4[illegible]/	4426/	3734/	3[illegible]17/	312[illegible]/	3[illegible]4/	4736/	3924/	3[illegible]1/	3131/	41[illegible]/	[illegible]
7[illegible]	[illegible]/	4[illegible]35/	4[illegible]31/	[illegible]/	3[illegible]1/	4517/	2[illegible]17/	29[illegible]/	3[illegible]/	3[illegible]/	3[illegible]36/	27[illegible]/	[illegible]
MEAN													
S D													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

$ (BASED ON LESS THAN FULL MONTHS AND +1[illegible] KNOTS)

1 [illegible] CLIMATOLOGY BRANCH
[illegible]TAC
? [illegible] SERVICE/MAC

EXTREME VALUES

SURFACE WIND

[illegible]

[illegible] LAPLACE AFB TX 47-82
STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
7[illegible]	34/	44.5/	3331/	4624/	4023/	3434/	32 6/	3422/	3935/	[illegible]3b/	33 1/	3735/	[illegible]5	51/	47
[illegible]	[illegible]/	3416/	3735/	3834/	4218/	3117/	32 3/	3219/	3429/	3336/	3833/	2955/	35	34/	41
81	36/	3419/	4135/	4215/	37 1/	34 3/	3315/	31 3/	2731/	3324/	243 /	3631/	[illegible]	1/	34
82	31/	3636/	30 2/	3926/	3736/	6230/	40 6/	3418/	2617/	2525/	3630/	3417/	34	3-/	33
MEAN	37.3	4.8	4.2	4.3	4.0	4.3	3.3	37.1	3.7	3.1	3.5	37.2		5.3	
S D	5.46	6.215	7.525	7.665	9.641	5.929	7.572	7.985	5.237	4.382	5.7	6.952		6.364	
TOTAL OBS	1[illegible]	946	1.43	9[illegible]	1.35	1.[illegible]	1.46	1.43	955	1[illegible]4	1.33	961		1.[illegible]	

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 00 0-88-5 (OLA)

$ (BASED ON LESS THAN FULL MONTHS AND [illegible] KNOTS)

...L CLIMATOLOGY BRANCH
...TAC
... WEATHER SERVICE/MAC

SURFACE WINDS

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

... CARSWELL AFB TX | 73-82 | JA...
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

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	1.8	3.[illegible]	5.1	5.8	1.[illegible]	.4						[illegible].[illegible]	1[illegible].1
NNE	.5	1.4	1.2	.[illegible]	.1							.1	7.[illegible]
NE	.8	1.[illegible]	.4	.1								.3	5.[illegible]
ENE	.[illegible]	.[illegible]	.1									1.[illegible]	3.[illegible]
E	1.2	1.4										.[illegible]	3.[illegible]
ESE	.5	.[illegible]	.6									1.[illegible]	5.[illegible]
SE	.[illegible]	3.[illegible]	.5	.3								4.[illegible]	[illegible].[illegible]
SSE	1.2	2.[illegible]	4.5	1.3	.1							.[illegible]	7.4
S	1.6	3.[illegible]	3.3	3.[illegible]	.3							1[illegible].[illegible]	8.5
SSW	.4	.[illegible]	1.1	1.3								.[illegible]	9.[illegible]
SW	.[illegible]	.[illegible]	.4	.3	.[illegible]							1.[illegible]	7.7
WSW	.[illegible]	.[illegible]	.[illegible]									.[illegible]	[illegible].[illegible]
W	.2	1.4		.3								.[illegible]	4.[illegible]
WNW	1.4	1.1	.2	.1								.[illegible]	5.[illegible]
NW	1.2	1.[illegible]	1.1	.4								[illegible].[illegible]	[illegible].[illegible]
NNW	.8	1.[illegible]	3.[illegible]	[illegible].7	.5	.4	.1					.4	1[illegible].[illegible]
VARBL													
CALM												[illegible].[illegible]	
	14.8	25.[illegible]	[illegible]1.2	17.4	2.5	.[illegible]	.1					[illegible].[illegible]	5.4

TOTAL NUMBER OF OBSERVATIONS 93

USAFETAC FORM [illegible] [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...L CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

2

SURFACE WINDS

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

...97 (STATION) ...ARSA LL AFB TX (STATION NAME) 73-82 (YEARS) JA... (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	2.3	6.1	5.4	1.5	.7	.1					..	1..
NNE	.6	1..	.5	.6	.1							3.1	7.3
NE	.8	.5	.3	.3								..	4.2
ENE	.6	.5	.1									1.4	3.7
E	1.5	.6	.4									2.4	4.1
ESE	1..	1..	.4									2.4	4.5
SE	.6	2.3	2.3	.8								5.7	6.3
SSE	.2	2..	2.6	.9	.1							.4	6.5
S	1.8	2..	2.6	3.4	.8							1.1	6.1
SSW	.5	1..	1.5	.6	.1							.4	7.2
SW	.5	..	.3	.1	.1							.2	5.2
WSW	.5	.4	.2	.5	.1							1.4	7.5
W	1.3	..	.5	.1								2.4	4..
WNW	3..	1..	.4	.3								4.7	4..
NW	1.5	1..	1.1	.5	.5							4.7	7.1
NNW	.6	1..	2..	1.9	.6	.4	.2					6.3	1..5
VARBL	.1											.1	2..
CALM												1..	
	27.7	21.3	23.8	14.3	3.9	.8	.3					...3	5.4

TOTAL NUMBER OF OBSERVATIONS ...3

USAFETAC FORM ... PREVIOUS EDITIONS OF THIS FORM ARE ...

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] CAPTWELL AFB TX 73-82 JAN
STATION STATION NAME YEARS MONTH

ALL WEATHER [illegible]
CLASS 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	.7	4.1	3.9	.5	1.7	1.1	.3					[illegible]	[illegible]
NNE	.5	1.7	1.3	.5								3.[illegible]	7.1
NE	.4	1.[illegible]	.4									[illegible]	4.9
ENE	.9	.7	.1									.7	[illegible]
E	.9	.9	.1									1.[illegible]	[illegible]
ESE	1.[illegible]	.[illegible]	.4	.2								.3	4.[illegible]
SE	.9	1.[illegible]	2.3	.[illegible]								[illegible]	[illegible]
SSE	1.4	3.4	2.[illegible]	1.[illegible]								7.8	[illegible]
S	1.[illegible]	4.[illegible]	3.7	2.[illegible]								[illegible]	[illegible]
SSW	.[illegible]	.[illegible]	.5	.5								[illegible]	[illegible]
SW	.[illegible]	.[illegible]	.3	.2								1.1	[illegible]
WSW	.4	.4	.3	.2								1.4	[illegible]
W	1.[illegible]	.[illegible]	.[illegible]	.2								.7	4.1
WNW	.[illegible]	1.[illegible]	.4		.1							4.[illegible]	4.3
NW	.[illegible]	1.9	.9	.2	.5							4.7	[illegible]
NNW	.[illegible]	2.4	1.8	2.4	1.1	.[illegible]						[illegible]	1.[illegible]
VARBL													
CALM												[illegible].6	
	17.2	26.7	[illegible].8	13.1	3.4	1.9	.3					[illegible]	[illegible].4

TOTAL NUMBER OF OBSERVATIONS [illegible]7

USAFETAC FORM [illegible] JUL 64 [illegible] OBSOLETE

AL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] CARSWELL AFB TX 73-82 JAN
STATION STATION NAME YEARS MONTH

ALL WEATHER 0700-1
CLASS 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	1.7	2.7	5.2	7.3	2.2	1.5	.2					[illegible]	11.0
NNE	.4	1.6	2.2	1.3	.1	.1						.6	[illegible]
NE	.5	1.7	1.2	.1								3.	8.2
ENE	.2	.5	1.2	.1								2.	5.7
E	1.1	1.	.4									2.	4.4
ESE	.2	.4	.2									1.7	4.2
SE	.6	1.4	1.2	.8	.1							4.2	7.
SSE	2.4	2.7	2.2	1.6	.2	.2						7.6	6.
S	1.8	2.1	4.7	.6	1.1	.1						10.4	12.
SSW	.2	.3	.2	.3	.3							1.	1.6
SW	.2	.5	1.2	.5	.1							2.5	9.3
WSW	.4	.5	1.	.8								2.9	8.1
W	.2	.2	.3	.3		.1						1.2	5.7
WNW	.6	.9	.4	.3	.1		.1					2.5	7.9
NW	1.2	1.1	1.3	.4	.3	.1	.2					4.9	7.9
NNW	1.1	1.5	2.0	3.0	1.3	.5	.1					9.6	11.4
VARBL													
CALM												0.	
	14.7	19.8	25.2	22.9	5.8	2.7	.6					[illegible]	5.5

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] CARSWELL AFB TX 73-82 JAN
STATION STATION NAME YEARS MONTH

ALL WEATHER [illegible]-1400
CLASS HOURS L.S.T.

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	4.1	6.8	5.8	1.2	1.1						21.7	10.3
NNE	2.2	1.1	2.5	1.3	.4	.1						7.4	8.2
NE	2.2	1.3	1.6	.1								5.2	5.7
ENE	.2	1.2	.6	.1								2.3	5.4
E	.2	.2	.4									1.0	4.1
ESE	.2	1.1	1.2									2.5	6.4
SE	.2	1.2	1.3	.3								3.0	6.3
SSE	.4	1.3	1.8	1.6	.3	.1						5.5	7.1
S	.5	2.2	3.2	5.8	2.3	.4						14.2	11.4
SSW	.3	.4	1.1	2.4	1.1	.2						5.7	12.1
SW	.2	1.0	1.2	1.3	.2	.1						4.1	9.6
WSW	.1	1.1	1.3	1.1	.2							3.8	9.5
W	.2	.2	1.2	.2	.3	.1	.1					4.3	9.8
WNW	.1	.2	.2	.4	.1	.3						1.3	11.7
NW	.4	.2	1.4	1.1	.4		.1					3.2	10.3
NNW	.4	1.2	2.2	3.4	1.4	.6	.2					9.3	12.5
VARBL													
CALM												4.0	
	5.8	20.0	28.6	25.6	8.7	3.1	.4					100.2	9.3

TOTAL NUMBER OF OBSERVATIONS 729

2

...EAL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

...NS | CARSWELL AFB TX | 73-82 | JAN
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | ...-17...
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	1.1	3.2	6.8	7.2	2.4	.6						1.1	11.7
NNE	.3	2.2	3.7	1.6	.1							.6	8.2
NE	.4	1.2	1.3	.1								.9	6.5
ENE	.5	.8	.6	.2								.2	5.3
E	.6	2.3	.8									.3	4.7
ESE	.3	.7	.4	.3								.1	5.3
SE	.5	1.2	2.3	.8	.2							.1	8.5
SSE	.4	2.2	2.5	1.5	.8							.7	9.1
S	.4	2.2	2.9	5.4	1.5	.2	.1					1.7	11.6
SSW	.1	1.3	1.2	2.4	.5	.2						.7	11.7
SW	.5	1.2	1.2	1.4	.1							.4	6.4
WSW		1.4	1.	.6								.1	8.3
W	.2	.2	.4	.4	.2							.2	8.8
WNW		.5	.4	1.1		.1						.2	11.3
NW	.4	1.2	.8	.9	.2	.2						.5	9.5
NNW	.4	.2	2.0	3.9	1.3	1.3						.8	13.6
VARBL													
CALM												4.3	
	7.1	22.8	27.4	27.8	7.3	2.7	.1					100.3	9.4

TOTAL NUMBER OF OBSERVATIONS 93...

USAFETAC FORM ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

...AL CLIMATOLOGY BRANCH
...METAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

...9 (STATION) CARSWELL AFB TX (STATION NAME) 73-82 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) ...-... (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	1.9	3.7	5.2	3.3	1.8	.7						1...4	1...6
NNE	.4	1.4	1.7	.3	.1							.3	7.1
NE	1.2	2.4	.2	.1								...	4...
ENE	1.2	1.4	.3	.2								...2	...1
E	1.2	1...	.5									...2	4.4
ESE	1.	2.8	.3									.3	4.1
SE	.5	2.2	2.7	.9								...3	7.4
SSE	1.8	2.4	4.2	2.4	.2							...2	7.5
S	1.9	4.4	3.5	2.4	.3							12..	7.3
SSW	.1	1.7	1.3	.2	.1							...4	7...
SW	.2	.2	.6									...2	5.3
WSW	.1	.1	.4									...1	5.8
W	.0	1.1	.2		.1							...1	4.7
WNW	1.2	1.1	.3	.3								...4	5.2
NW	.4	1.5	1.3	.6	.1	.1						...2	6.1
NNW	.4	.2	1.7	1.5	1.5	.4						5.5	12.5
VARBL													
CALM												1.2	
	14.6	29.7	24.8	12.3	4.3	.2						100..	7...

TOTAL NUMBER OF OBSERVATIONS ...3

USAFETAC FORM ... JUL 84 ... PREVIOUS EDITIONS ... FORM ... ARE ...

2

...NAL CLIMATOLOGY BRANCH
...AFETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

...P CARSWELL AFB TX ...-8... ...
STATION STATION NAME YEARS MONTH

ALL WEATHER 1 ...-...
CLASS 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	1.2	2.[illegible]	5.3	[illegible]	1.9	[illegible]						[illegible]	[illegible]
NNE	.6	1.1	1.0	.1	.1							[illegible]	[illegible]
NE	.9	.[illegible]	.8									.2	[illegible]
ENE	1.[illegible]	.[illegible]	.1									.[illegible]	[illegible]
E	1.2	1.[illegible]	.2									[illegible]	[illegible]
ESE	.4	1.[illegible]	.9	.2								[illegible]	[illegible]
SE	.8	2.[illegible]	2.6	.2								[illegible]	[illegible]
SSE	1.[illegible]	2.[illegible]	2.8	.9	.[illegible]							[illegible]	[illegible]
S	2.7	4.[illegible]	4.[illegible]	2.9	.[illegible]							[illegible]	[illegible]
SSW	1.1	1.[illegible]	.8	.8								[illegible]	[illegible]
SW	.1	.[illegible]	.4	.1	.[illegible]							1.[illegible]	[illegible]
WSW	.1	.[illegible]										.[illegible]	[illegible]
W	1.1	1.[illegible]	.2	.1								[illegible]	[illegible]
WNW	.[illegible]	1.[illegible]	.4									[illegible]	[illegible]
NW	1.2	1.[illegible]	1.[illegible]	.[illegible]	.[illegible]							[illegible]	[illegible]
NNW	.[illegible]	1.9	2.[illegible]	2.8	.4	.[illegible]	.[illegible]					[illegible]	1.[illegible]
VARBL													
CALM												1[illegible].9	
	16.5	27.[illegible]	23.3	14.6	3.9	.4	.[illegible]					1[illegible].[illegible]	[illegible].5

TOTAL NUMBER OF OBSERVATIONS ...

USAFETAC FORM ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

2

SURFACE WINDS

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

...(59) CARSWELL AFB TX 73-82 JAN
STATION STATION NAME YEARS MONTH

ALL WEATHER ALL
CLASS 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	1.0	3.4	6.[illegible]	[illegible].3	1.[illegible]	.7	.1					[illegible].[illegible]	[illegible].[illegible]
NNE	.7	1.4	1.7	.6	.1	.						4.7	6.[illegible]
NE	.5	1.2	.6	.1								.[illegible]	[illegible].[illegible]
ENE	.3	.3	.4	.1								.[illegible]	4.[illegible]
E	1.[illegible]	1.[illegible]	.[illegible]									.[illegible]	4.[illegible]
ESE	.7	1.[illegible]	.6	.1								.[illegible]	[illegible].[illegible]
SE	.[illegible]	2.[illegible]	1.[illegible]	.5	.[illegible]							.[illegible]	6.[illegible]
SSE	1.[illegible]	2.4	2.7	1.4	.3	.[illegible]						.[illegible]	7.[illegible]
S	1.6	3.[illegible]	3.6	2.7	.8	.1	.					.[illegible]	[illegible].[illegible]
SSW	.5	.[illegible]	1.[illegible]	1.1	.3	.1						.[illegible]	[illegible].[illegible]
SW	.3	.[illegible]	.7	.5	.1	.						.4	[illegible].[illegible]
WSW	.2	.[illegible]	.[illegible]	.4	.							.[illegible]	7.[illegible]
W	.5	1.[illegible]	.3	.[illegible]	.1	.[illegible]	.[illegible]					.[illegible]	6.[illegible]
WNW	1.3	1.1	.4	.3	.[illegible]	.1	.[illegible]					.[illegible]	5.7
NW	.[illegible]	1.4	1.1	.6	.3	.1	.[illegible]					.[illegible]	7.[illegible]
NNW	.7	1.[illegible]	[illegible].2	[illegible].7	1.[illegible]	.[illegible]	.1					.[illegible]	11.[illegible]
VARBL	.[illegible]											.[illegible]	2.[illegible]
CALM												11.[illegible]	
	14.1	24.[illegible]	24.4	13.9	5.[illegible]	1.7	.3					[illegible].[illegible]	7.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]436

USAFETAC FORM [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

2

...CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

...STATION ... CARSWELL AFB TX STATION NAME ... 73-82 YEARS ... MONTH

ALL WEATHER
CLASS

... 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	1.5	4.1	4.3	5.1	1.7	.4						16.5	7.3
NNE	.5	1.2	1.2	.4	.1							3.3	7.4
NE	.7	.5	.6									1.8	6.5
ENE	.6	.7	.4									1.8	6.4
E	.5	.2	.3	.1								1.2	5.6
ESE	.9	1.1	.7	.6								3.3	6.8
SE	1.4	1.9	.8	.1								4.1	6.5
SSE	1.7	3.3	2.6	.6	.1							8.3	6.5
S	2.6	5.3	7.3	4.1	.7							20.2	7.0
SSW	.7	.3	2.2	.9	.1							4.2	6.1
SW	.2	.3	1.1	.5								2.1	7.0
WSW	.4	.2	.1		.1							.8	6.2
W	1.1	1.7	.3	.1	.1							3.3	5.8
WNW	1.6	.9	.4	.7	.5		.1					4.5	7.4
NW	.8	.7	.7	.6	.1							2.9	7.1
NNW	.4	.5	1.8	2.3	.5	.2						5.4	11.4
VARBL													
CALM												13.4	
	15.6	24.6	25.5	15.8	3.7	.6	.1					170.3	6.7

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM 0-8 OCT 64 ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] CARSWELL AFB TX 73-82 FEB
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	3.4	4.4	3.4	2.2	.4						[illegible].4	[illegible].1
NNE	.[illegible]	.[illegible]	.9	.6	.1							[illegible]	[illegible].6
NE	.[illegible]	.[illegible]	.1	.2								[illegible].7	[illegible].5
ENE	.6	.4										.[illegible]	[illegible].4
E	.8	.3	.3									.[illegible]	[illegible].1
ESE	.5	.7	.7	.7								.[illegible]	[illegible].7
SE	1.[illegible]	1.[illegible]	.5	.2								[illegible]	[illegible].4
SSE	[illegible].1	5.[illegible]	2.6	.4								1.1	[illegible]
S	2.[illegible]	4.[illegible]	5.2	3.4	.3							1[illegible].2	[illegible].5
SSW	.[illegible]	1.[illegible]	1.7	.4								[illegible]	[illegible].8
SW	.[illegible]	.[illegible]	.7	.5								1.5	[illegible]
WSW	.4	.4	.1	.1								.[illegible]	[illegible]
W	.[illegible]	.4	.5	.8								[illegible].4	[illegible].7
WNW	1.1	1.3	1.7	.6								[illegible]	[illegible].3
NW	.5	.[illegible]	[illegible].5	1.3		.1						4.[illegible]	8.4
NNW	.5	1.4	2.5	2.7	.9	.4						8.4	11.1
VARBL													
CALM												17.6	
	15.4	23.[illegible]	23.3	15.4	3.6	.[illegible]						[illegible].[illegible]	6.3

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] [illegible] PREV. EDITIONS OF THIS FORM ARE OBSOLETE

2

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

SURFACE WINDS

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

[illegible] CAPSHELL AFB TX 73-84 [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER [illegible]
CLASS 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	1.4	3.7	4.1	5.5	1.3	.3						[illegible]	[illegible]
NNE	.4	.9	.5	.7	.1							[illegible]	[illegible]
NE	.4	.5	.2	.4								[illegible]	[illegible]
ENE	.3	.1										.7	[illegible]
E	.9	.4	.4	.2								[illegible]	[illegible]
ESE	.2	.2	.5	.5	.1							[illegible]	[illegible]
SE	1.1	1.2	1.3	.6								[illegible]	[illegible]
SSE	1.7	4.2	4.5	.8								[illegible]	[illegible]
S	5.2	3.2	5.1	2.1								[illegible]	[illegible]
SSW	.4	.7	.2	.7								[illegible]	[illegible]
SW	.1	.7	.7	.2								[illegible]	[illegible]
WSW	.4	.2	.1	.2								.9	[illegible]
W	.2	1.4	.7	.6								[illegible]	[illegible]
WNW	1.4	.7	1.8	.7	.2							[illegible]	[illegible]
NW	1.5	1.2	1.5	.9								[illegible]	[illegible]
NNW	.6	.5	3.5	[illegible]	.6	.2						[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	.5.2	21.2	26.1	17.7	2.2	.5						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible] 246

USAFETAC [illegible] PREVIOUS EDITIONS OF THIS FORM ARE [illegible]

1

[illegible] CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] CARSWELL AFB TX — 73-82 — [illegible]
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — [illegible]
CLASS — HOURS LST

CONDITION

SPEED KNTS DR	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	.3	.7	5.7	7.8	.9	.1						[illegible].7	[illegible].8
NNE	.3	1.3	1.4	.5	.2							4.4	7.2
NE	1.1	.6	.1	.4								2.1	5.[illegible]
ENE	.5	.7	.2									1.[illegible]	4.1
E	.8	1.1	1.1	.2								3.2	5.[illegible]
ESE	.5	.7	.5	.2	.2							2.1	7.
SE	.4	1.7	2.[illegible]	.7	.1							4.[illegible]	7.8
SSE	.7	.[illegible]	2.[illegible]	1.[illegible]	.1							[illegible].[illegible]	[illegible].[illegible]
S	1.4	2.[illegible]	6.7	[illegible].4	.[illegible]	.2						17.6	9.9
SSW	.4	.7	1.3	2.[illegible]	.4	.2						[illegible].[illegible]	11.3
SW		1.1	.8	1.4	.1							3.4	[illegible].6
WSW	.2	.[illegible]	.9	1.1	.2							2.[illegible]	[illegible].1
W	.2	.[illegible]	.8	1.2	.4							3.2	1.[illegible].7
WNW	.[illegible]	.[illegible]	.4	.5	.2	.[illegible]						[illegible].7	9.3
NW	.[illegible]	.[illegible]	1.4	1.1	.[illegible]		.1					3.[illegible]	11.1
NNW	.[illegible]	1.1	4.3	4.4	.8	.7						11.[illegible]	11.[illegible]
VARBL													
CALM												0.3	
	5.5	19.6	[illegible].8	28.7	5.2	1.9	.1					[illegible].[illegible]	9.[illegible]

TOTAL NUMBER OF OBSERVATIONS 848

USAFETAC FORM [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

2

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

... CARSWELL AFB TX — 73-8... — F...
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — ...-1400
CLASS — 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	1.2	2.5	4.3	5.4	1.2	.7						...7	11.2
NNE	.5	1.1	1.2	1.1								3.6	8.3
NE	.7	.7	.7	.4								2....	5.2
ENE	.2	.5	.6	.1								1.7	...4
E	1.7	.3	.9									3.4	4.5
ESE	.7	.5	.5	.4	.1							2....	7....
SE	.6	.3	1.3	.6	.3							3.5	...4
SSE	.9	1.7	1.8	1.1	.5							5....	...4
S	1.5	1....	5.1	6.9	2.6	1.3	.1					1...3	12....
SSW	.4	.3	1.1	1.9	1.3	.4						5.9	12.2
SW		1.1	1.3	1.8	.2	.2						4....	11.1
WSW	.2	.7	1.2	.9	.1	.1						3.3	9.5
W	.5	.2	1.7	.9	.5							3.8	11....
WNW	.6	.1	1.1	1.3	.5	.2						3.8	11.4
NW		.7	1.1	1.7	.4	.5	.1					4.5	12.3
NNW	.4	.4	2.6	3.6	2.6	.5	.1					1...4	14....
VARBL													
CALM												2.8	
	12.0	15.1	26.2	31.1	12.2	4.1	.4					100.0	10.5

TOTAL NUMBER OF OBSERVATIONS ...486

USAFETAC FORM ... JUL 64 ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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

SURFACE WINDS

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

[illegible] STATION [illegible] STATION NAME 77-[illegible] YEARS [illegible] MONTH

ALL WEATHER CLASS [illegible] HOURS (EST)

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	.2	2.4	5.7	7.2	1.2	.2	.1					[illegible].7	11.1
NNE	.6	1.1	2.1	1.2	.1							.[illegible]	[illegible]
NE	.6	1.1	.8	.2								[illegible].7	[illegible]
ENE	.9	.7	.3	.1								[illegible].[illegible]	4.[illegible]
E	.5	1.2	.7									2.4	5.[illegible]
ESE	.4	1.3	1.1	.2								[illegible].[illegible]	[illegible]
SE	.2	1.1	1.2	.3	.2							3.5	[illegible]
SSE	.4	2.4	3.9	2.7	.7	.4						[illegible].4	[illegible]
S	.6	2.[illegible]	5.1	7.3	3.3	.7						[illegible].5	12.9
SSW	.1	.[illegible]	1.2	1.4	.2	.1						[illegible].3	10.[illegible]
SW		.5	.5	1.3								[illegible].4	[illegible]
WSW	.4	.[illegible]	1.[illegible]	.9	.2							3.3	[illegible]
W	.5	.1	1.3	.5	.1	.2						2.7	9.9
WNW	.4	.[illegible]	.7	.9	.1	.1						[illegible].3	[illegible]
NW	.3	.[illegible]	.8	1.3	1.2	.5						4.[illegible]	12.4
NNW	.2	.[illegible]	2.[illegible]	4.1	2.1	1.2						[illegible].5	[illegible]
VARBL													
CALM												.2	
	5.7	19.5	48.8	30.0	9.6	3.9	.1					[illegible].[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]485

USAFETAC FORM [illegible] JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE [illegible]

L[illegible]AL CLIMATOLOGY BRANCH
2 [illegible]ETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] CARSWELL AFB TX — 73-82 — FEB

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — [illegible]-[illegible]

CLASS — HOURS L.S.T.

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	4.6	7.6	5.0	1.7	.6	.4					19.7	11.4
NNE	.	1.7	1.4	.5								3.4	7.3
NE	1.2	1.1	.1	.2								2.7	4.6
ENE	.7	1.2	.1									2.0	3.8
E	1.7	1.3	.6	.1								3.7	4.3
ESE	1.1	1.3	1.3	.4								4.3	6.1
SE	.2	2.7	2.7	.6	.1							6.3	7.6
SSE	.8	4.3	6.4	2.4	.6	.2						14.7	8.8
S	1.3	4.1	4.4	5.0	1.1	.1	.1					16.1	9.7
SSW	.1	1.7	.6	.1								2.5	5.7
SW	.6	.2	.4									1.1	4.4
WSW	.2	.5	.6	.1								1.4	5.3
W	.6	1.1	.6		.1							2.5	5.2
WNW	.2	.7	.5	.5	.1							2.5	6.9
NW	.7	.3	.8	.5	.1							3.1	7.2
NNW	.1	1.2	2.1	3.0	.9	.4						7.6	11.8
VARBL													
CALM												5.2	
	11.3	25.7	29.2	18.2	4.6	1.3	.5					100.3	7.3

TOTAL NUMBER OF OBSERVATIONS 886

USAFETAC FORM [illegible] [illegible] PREVIOUS EDITIONS OF THIS FORM ARE [illegible]

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] CARSWELL AFB TX (STATION / STATION NAME) 73-82 (YEARS) FEB (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	.7	[illegible]	[illegible]	[illegible]	1.4	.5						[illegible]	[illegible]
NNE	.6	1.2	.6	.5								[illegible]	[illegible]
NE	.7	.5	.6									[illegible]	[illegible]
ENE	.1	.7	.1									[illegible]	[illegible]
E	.5	1.1	.9	.1								[illegible]	[illegible]
ESE	.6	1.[illegible]	1.4	.4								[illegible]	[illegible]
SE	.5	2.[illegible]	.9	.5	.1	.1						[illegible]	[illegible]
SSE	1.5	4.4	4.5	1.7		.[illegible]						[illegible]	7.[illegible]
S	3.2	5.0	5.8	[illegible]	1.4	.1						[illegible]	[illegible]
SSW	.1	1.4	.9	.8	.2							[illegible]	[illegible]
SW	.5	.6	.1									[illegible]	[illegible]
WSW		.4	.5	.1								[illegible]	[illegible]
W	1.2	.7	.8	.1								[illegible]	[illegible]
WNW	1.1	1.2	.9	.5								[illegible]	[illegible]
NW	.9	1.7	.5	.8	.4							[illegible]	[illegible]
NNW	.5	.9	2.1	1.6	.5	.4	.1					[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

2

SURFACE WINDS

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

[illegible] CARSWELL AFB TX — 73-6[illegible] — [illegible]
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — ALL
CLASS — 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	1.1	3.4	5.2	4.7	1.4	.5	.1					17.5	[illegible]
NNE	.5	1.1	1.2	.7	.1							3.[illegible]	7.7
NE	.[illegible]	.7	.4	.2								.1	5.4
ENE	.1	.7	.2	.1								1.4	4.4
E	1.[illegible]	.5	.7	.1								2.7	5.2
ESE	.7	1.1	.8	.4	.1							3.1	5.7
SE	.5	1.5	1.3	.5	.1	.[illegible]						4.4	6.8
SSE	1.2	3.2	3.6	1.4	.3	.1						9.5	7.6
S	2.1	3.3	5.5	4.9	1.3	.3	.2					17.[illegible]	9.4
SSW	.3	1.1	1.3	1.[illegible]	.3	.1						4.1	9.3
SW	.[illegible]	.[illegible]	.7	.7	.[illegible]	.[illegible]						2.3	8.9
WSW	.7	.5	.6	.4	.[illegible]	.[illegible]						2.9	8.7
W	.7	.7	.9	.5	.1	.[illegible]						3.1	7.7
WNW	.9	.9	.9	.7	.2	.1	.[illegible]					3.7	7.9
NW	.6	.[illegible]	1.[illegible]	1.[illegible]	.3	.1	.[illegible]					4.2	9.4
NNW	.4	.[illegible]	2.6	3.1	1.1	.[illegible]	.[illegible]					8.6	12.1
VARBL													
CALM												.7	
	10.3	22.1	26.8	21.3	5.4	1.8	.2					1[illegible].[illegible]	[illegible].1

TOTAL NUMBER OF OBSERVATIONS 6767

USAFETAC FORM [illegible] [illegible] PREVIOUS EDITIONS OF THIS FORM ARE [illegible]

...L CLIMATOLOGY BRANCH
...SETAC
...WEATHER SERVICE/MAC

2

SURFACE WINDS

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

...GE CARSWELL AFB TX 73-81 ...
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS HOURS L.S.T.

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.5	3.0	2.7	1.4	.2	.1					11.2	7.5
NNE	.5	.5	.6	.6								2.4	7.1
NE	.5	.6	.5									1.7	6.2
ENE	.8	.3	.2									.3	5.0
E	.5	1.										1.	3.7
ESE	1.	1.2	.6									3.3	4.3
SE	1.1	1.3	1.6	1.8								5.9	5.0
SSE	.5	3.2	5.1	3.6	.2							12.5	6.2
S	1.3	4.1	5.3	3.4	2.4	.2						21.5	10.2
SSW	.5	.3	1.2	.5	.1							2.7	8.4
SW	.5	.5	.5	.4								1.9	7.1
WSW	.2	.8	.2									.9	5.8
W	.7	.7	.4	.5	.3							2.1	7.4
WNW	1.5	.3	.5	.6	.5							3.4	7.7
NW	.9	1.7	1.1	1.4	.3							5.4	8.4
NNW	.4	.7	.5	1.1	.5	.1						3.3	11.
VARBL													
CALM												15.7	
	10.1	21.7	21.7	21.9	6.2	.5	.1					102.1	7.5

TOTAL NUMBER OF OBSERVATIONS 720

USAFETAC FORM 0-8-5 OLETE. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

...AL CLIMATOLOGY BRANCH
...AFETAC
... WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION ... CARSWELL AFB TX — STATION NAME — 72-82 YEARS — MAR MONTH

ALL WEATHER — CLASS — ... 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	.5	1.[illegible]	3.3	4.[illegible]	.9	.[illegible]						.[illegible]	11.[illegible]
NNE	.3	.[illegible]	1.4	.1	.1							<.[illegible]	7.[illegible]
NE	.6	.5	.2	.1								.[illegible]	4.[illegible]
ENE	.1	.[illegible]	.2									.[illegible]	[illegible].[illegible]
E	.3	.[illegible]	.4									.[illegible]	4.[illegible]
ESE	1.[illegible]	1.[illegible]	.9									.[illegible]	5.4
SE	.9	1.[illegible]	2.4	1.3								.5	7.[illegible]
SSE	1.3	5.4	4.2	2.2	.3	.2						13.[illegible]	7.6
S	1.7	5.4	6.5	5.2	1.[illegible]	.[illegible]						[illegible].[illegible]	9.[illegible]
SSW	1.1	1.2	1.1	1.1	.1							.5	7.[illegible]
SW	.4	.6		.2								1.[illegible]	5.5
WSW	.3	.1	.3	.1								.[illegible]	5.4
W	1.1	.[illegible]	.6	.4								<.[illegible]	5.9
WNW	1.8	.[illegible]	.5	.6	.2							3.[illegible]	6.[illegible]
NW	.3	1.2	.9	1.1	.2	.3						4.[illegible]	10.1
NNW	.6	.6	.9	1.5	1.2	.5						5.3	12.6
VARBL													
CALM												16.7	
	17.9	23.5	43.3	17.8	4.0	1.[illegible]						1[illegible].[illegible]	7.[illegible]

TOTAL NUMBER OF OBSERVATIONS ...

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

2

SURFACE WINDS

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

...99 CARSWELL AFB TX — ...-84 — MAY
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — ...0700
CLASS — 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	.7	1.[illegible]	4.[illegible]	4.3	1.6	.3	.2					[illegible]	[illegible]
NNE	.5	1.[illegible]	.6	.3								[illegible]	[illegible]
NE	.[illegible]	[illegible]	.6	.2								[illegible]	[illegible]
ENE	.4	.[illegible]	.3	.3								[illegible]	[illegible]
E	.[illegible]	1.1	.6	.2								[illegible]	[illegible]
ESE	.1	1.[illegible]	1.[illegible]									[illegible]	[illegible]
SE	.[illegible]	1.[illegible]	3.[illegible]	1.[illegible]	.1							[illegible]	[illegible]
SSE	1.[illegible]	3.[illegible]	5.4	1.3	.6							13.[illegible]	[illegible]
S	1.[illegible]	4.[illegible]	5.6	3.6	.9	.1						15.[illegible]	[illegible]
SSW	.[illegible]	1.[illegible]	1.4	.1	.1							[illegible]	[illegible]
SW	.[illegible]	.6	.[illegible]	.1								[illegible]	[illegible]
WSW	.1	.[illegible]	.1	.1								.[illegible]	[illegible]
W	1.1	.4	.[illegible]	.5								[illegible]	[illegible]
WNW	1.[illegible]	.[illegible]	1.[illegible]	.6	.1	.1						[illegible]	[illegible]
NW	1.4	1.1	1.[illegible]	.[illegible]	.6		.1					[illegible]	[illegible]
NNW	.1	1.6	1.4	1.7	1.3	.4						[illegible]	[illegible]
VARBL													
CALM												13.4	
	13.7	21.4	28.9	15.9	5.4	1.2	.3					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]2[illegible]

USAFETAC FORM [illegible] [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...L CLIMATOLOGY BRANCH
2 ...AFETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

...95 CARSWELL AFB TX 57-62 MAY
STATION STATION NAME YEARS MONTH

ALL WEATHER 0...-12...
CLASS 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	.6	1.1	3.4	5.1	1.6	.4	.1					12.4	12.2
NNE	.3	.7	2.2	.9	.7							5.	9.3
NE	.3	.4	.8	.2	.1							1.2	7.
ENE	.4	1.1	.9	.1								2.	5.3
E	.3	1.3	2.2	.8								4.5	7.1
ESE	.3	1.4	.5	1.1								3.	8.
SE	.2	1.7	3.2	2.2	.2							7.8	8.9
SSE	.3	1.1	2.4	3.3	.5							7.6	10.2
S	1.0	2.7	5.2	9.1	4.3	.6						23.0	14.3
SSW		.3	1.5	2.7	.6	.1						4.4	12.4
SW	.3	.5	1.3	1.2	.3							3.2	10.5
WSW	.2	.3	.8	.9	.2							2.5	9.1
W	.1	.2	.5	.8	.5	.1						2.3	12.3
WNW		.1	.2	.9	.6	.2						2.2	15.6
NW	.3	.3	.5	1.9	.5	.4						4.0	12.3
NNW	.3	.3	2.0	3.5	1.9	.5						9.1	13.2
VARBL													
CALM												4.3	
	5.2	14.2	27.2	33.4	11.9	2.6	.1					100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM ... PREVIOUS EDITIONS ...

2

USAF ETAC CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] LAUGHLIN AFB TX 77-82 [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER [illegible]
CLASS 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	.5	2.3	3.1	5.3	2.[illegible]	.2						13.[illegible]	11.[illegible]
NNE	.2	.[illegible]	1.4	.5	.[illegible]							.[illegible]	.1
NE	.1	1.3	.9	.1								.[illegible]	7.[illegible]
ENE	.1	1.[illegible]	.[illegible]									1.[illegible]	.[illegible]
E	.3	1.2	2.6									[illegible].1	7.[illegible]
ESE	.3	.[illegible]	1.8	1.2								[illegible].1	.[illegible]
SE	.4	1.[illegible]	2.2	1.9	.1							5.5	[illegible].[illegible]
SSE	.4	1.4	3.1	3.3	1.9	.4						11.1	12.[illegible]
S	.3	1.[illegible]	2.4	[illegible].8	6.9	.9						[illegible]1.2	14.7
SSW		.1	.8	2.2	1.3							[illegible].3	14.[illegible]
SW	.[illegible]	.5	1.3	[illegible].3	.3	.1						[illegible].7	11.3
WSW	.1	.[illegible]	1.5	.8	.2	.2						5.5	10.2
W	.[illegible]	.5	.8	2.[illegible]	1.1	.5						[illegible].2	13.4
WNW		.[illegible]	.3	.9	.6	.1						[illegible].	14.7
NW	.[illegible]	.[illegible]	.8	1.3	1.1	.3						4.2	13.[illegible]
NNW	.1	.6	1.9	[illegible].?	1.6	.3						7.[illegible]	[illegible].[illegible]
VARBL													
CALM												1.[illegible]	
	4.3	13.9	25.6	34.2	17.4	3.1						[illegible].5	11.7

TOTAL NUMBER OF OBSERVATIONS [illegible]29

USAFETAC FORM JUL 84 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...L CLIMATOLOGY BRANCH
2 ...AFETAC
AF ...EATHER SERVICE/MAC

SURFACE WINDS

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

...95 CARSWELL AFB TX 73-82 MAR
STATION STATION NAME YEARS MONTH

ALL WEATHER ...-...
CLASS 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	.2	1.3	2.8	4.3	2.4	.2	.1					11.4	12.4
NNE	.3	.2	2.3	.9	.2							3.9	9.3
NE	.5	.5	1.4									2.3	6.7
ENE	.6	.2	.5	.3								1.4	5.1
E	.8	1.5	2.2									4.3	8.4
ESE	.1	.2	1.2	1.1	.1							2.1	9.4
SE	.3	1.2	4.1	2.6	.3							8.4	10.1
SSE	.5	1.5	2.7	4.7	1.5	.1						11.1	11.5
S	.8	.9	2.7	8.8	7.2	1.6						21.8	14.7
SSW		.2	1.3	1.3	.8							3.9	11.5
SW		.2	.4	.6	.3	.1						1.6	12.9
WSW	.2	.3	1.2	1.4	.3							3.4	11.4
W	.1	.2	1.4	2.2	.2	.3	.1					4.6	11.8
WNW	.1	.4	.3	1.2	1.1	.4						3.3	14.5
NW	.4	.1	1.0	2.0	.5	.2						4.4	12.2
NNW	.2	1.2	1.4	2.8	1.5	.2						7.1	12.0
VARBL													
CALM												.2	
	.1	12.5	26.6	33.9	16.4	3.2	.2					100.0	11.6

TOTAL NUMBER OF OBSERVATIONS ...25

USAFETAC FORM 0-1-64 (OBSOLETE) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...BAL CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

2

SURFACE WINDS

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

...5-5 LAUGHLIN AFB TX 73-8...
STATION STATION NAME YEARS

ALL WEATHER
CLASS

MAY
MONTH

...-12
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	1.1	3.1	5.4	4.2	2.3	.2						16.1	...5
NNE	.3	1.5	.8	.5								3.1	7.2
NE	.3	.6	1.3	.1								2.4	6.7
ENE	.3	1.3	1.3									2.9	5.3
E	1.3	2.	1.1	.2								4.	5.4
ESE	.3	.3	1.9	1.								3.4	5.
SE	.5	1.4	5.9	1.6	.3	.1						9.3	7.1
SSE	.5	4.3	6.8	6.5	.5							18.3	10.
S	.5	2.3	2.5	6.5	3.2	.2						15.7	12.
SSW	.3	.3	1.1	.7	.3							2.9	8.7
SW	.1	.3	.5	.3	.2							1.5	...0.
WSW		.1	.9	.3								1.3	7.7
W	.4	1.1	1.3	.5								3.3	8.3
WNW	.4	.3	.5	.9	.3	.2						2.7	11.1
NW	.4	.1	.8	.6	.6							3.1	10.4
NNW	.2	1.3	1.2	1.9	.5	.1						5.4	10.2
VARBL													
CALM												2.7	
	7.7	20.6	31.2	25.2	8.5	.9						100.2	9.1

TOTAL NUMBER OF OBSERVATIONS 923

USAFETAC FORM ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 84

2

...AL CLIMATOLOGY BRANCH
...EFTAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

...DF STATION: CAPE GELL AFB TX STATION NAME: 77-82 YEARS: MAY MONTH

ALL WEATHER CLASS: 0000-0300 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	1.3	2.7	2.9	2.9	1.9	.4						11.2	10.2
NNE		.4	.8	.3	.1							1.6	9.3
NE	1.0	.7	.6									2.3	8.4
ENE	.6	1.2	.3									2.1	8.3
E	1.1	2.4	.5	.2								4.2	8.5
ESE	.5	1.4	.6	.2								2.7	9.0
SE	.4	3.7	3.3	1.3	.5							9.4	10.3
SSE	1.7	2.9	5.5	3.2	.8							16.3	9.6
S	1.6	3.7	4.4	5.7	2.7	.6						19.2	11.1
SSW	.5	.5	.9	.5	.2							2.6	8.7
SW	.1	.2	1.1	.1								1.5	7.4
WSW	.2	.7	.1	.4								.9	10.1
W	1.1	.5	1.3	.4	.3							3.6	7.1
WNW	1.8	1.7	.4	.3	.2							4.4	7.5
NW	.5	1.4	.4	.5	.2	.1						3.2	7.8
NNW	.4	.3	.6	1.5	.4							3.3	10.7
VARBL													
CALM												1.6	
	12.9	23.1	23.5	19.8	9.1	1.3						9.3	7.3

TOTAL NUMBER OF OBSERVATIONS 529

USAFETAC FORM ... PREVIOUS EDITIONS OF THIS FORM ARE ...

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] CARSWELL AFB TX — 73-84 — MAR
STATION — STATION NAME — YEARS — MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.7	3.3	4.1	1.2	.3	.1					11.7	11.2
NNE	.3	.5	1.3	.5	.1							2.7	7.4
NE	.5	.7	.8	.1	.1							2.1	6.1
ENE	.5	.3	.6	.1								1.5	5.4
E	.8	1.4	1.2	.1								3.5	5.9
ESE	.6	1.1	1.1	.6	.1							3.4	7.4
SE	.4	1.3	3.2	1.8	.2							7.0	8.7
SSE	.3	2.1	4.4	3.6	.3	.1						11.5	9.7
S	1.1	3.1	4.3	7.1	3.5	.4						19.5	11.5
SSW	.3	.7	1.1	1.1	.4	.1						3.7	10.0
SW	.2	.4	.7	.7	.1	.1						2.2	9.3
WSW	.1	.4	.6	.5	.1	.1						1.8	9.3
W	.6	.7	.9	.9	.3	.1	.1					3.5	9.4
WNW	.3	.5	.4	.7	.6	.1						3.3	9.7
NW	.6	.8	.9	1.2	.6	.2	.1					4.3	10.4
NNW	.3	.4	1.2	2.2	1.1	.3						5.1	12.3
VARBL													
CALM												.1	
	7.3	16.3	26.0	25.2	9.7	1.8	.1					100.4	9.1

TOTAL NUMBER OF OBSERVATIONS 7437

2

...AL CLIMATOLOGY BRANCH
...LTAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

...E — CARSWELL AFB TX — 72-8[illegible] — APR
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — [illegible]
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	.1	2.2	2.2	1.1	.1	.3						7.0	6.
NNE	.1	.3	.6	.4	.1							1.5	9.
NE	.7	.[illegible]	.6	.2								1.[illegible]	[illegible]
ENE	.6	.1	.8									.4	5.
E	.9	.[illegible]	1.[illegible]									3.1	5.
ESE	.6	1.	.[illegible]	.6								2.	6.4
SE	1.[illegible]	1.3	2.[illegible]	1.[illegible]								5.[illegible]	7.[illegible]
SSE	2.6	3.7	6.1	4.6	.8	.1	.3					18.1	9.1
S	3.9	5.6	7.[illegible]	6.9	1.7	.7						25.7	9.[illegible]
SSW	.6	1.[illegible]	.8	.6								3.2	6.7
SW	.[illegible]	.4	.4	.1								1.2	5.6
WSW	.1	.[illegible]	.2									.6	6.2
W	.6	.[illegible]	.4	.1								.2	5.[illegible]
WNW	1.9	1.2										3.1	3.[illegible]
NW	.[illegible]	1.1	1.1	.8								3.7	7.[illegible]
NNW	.[illegible]	.4	1.1	2.[illegible]	.6							4.3	11.[illegible]
VARBL													
CALM												14.	
	18.[illegible]	21.3	25.2	19.4	3.3	1.1	.3					1[illegible].[illegible]	7.[illegible]

TOTAL NUMBER OF OBSERVATIONS 9[illegible]3

USAFETAC FORM [illegible] [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

2

SURFACE WINDS

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

...STATION CARSWELL AFB TX STATION NAME ??-8. YEARS APR MONTH

ALL WEATHER
CLASS

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	.8	2.5	2.2	1.6	.6	.1						.5	7.
NNE	.3	.3	1.3	.1								.1	7.
NE	.3	.4	.4	.1								1.3	7.
ENE	.6	.2										.3	4.
E	1.3	.3	.2	.1								.3	4.
ESE	.3	.6	.6	.1								.3	4.
SE	1.2	2.2	2.2	.4								.5	5.
SSE	2.1	4.3	5.7	2.6	.2	.1						1.2	6.
S	2.3	5.	6.9	4.4	1.		.2					.4	5.
SSW	.6	.3	.3	1.2	.1							.3	6.
SW	.2	.3	.7	.2								1.2	6.
WSW	.6	.3	.6	.2								.4	6.
W	1.2	.7	.1									1.3	3.
WNW	2.1	.7	.4	.2								.4	4.
NW	.2	2.1	1.4	.3	.2							.5	7.
NNW	.6	.5	.8	1.7	.1							.7	9.
VARBL													
CALM												1.3	
	16.7	23.4	24.3	14.9	2.2	.2	.2						

TOTAL NUMBER OF OBSERVATIONS ...22

USAFETAC FORM JUL 64 ...DRAS OLDA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

...AL CLIMATOLOGY BRANCH
... TAC
... WEATHER SERVICE/MAC

2

SURFACE WINDS

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

... CARLSBELL AFB TX — 77-82 — APR
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 0[illegible]-[illegible]
CLASS — HOURS (L S T)

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.5	2.2	2.6	.7	.1						[illegible]	[illegible]
NNE	.1	.5	.7	.7	.1							[illegible]	[illegible]
NE	.2	.7	.7	.1								1.8	6.8
ENE	.3	.3	.1									.7	4.3
E	.7	1.7	1.3									3.3	5.1
ESE	1.4	1.1	.9	.1								3.5	5.2
SE	1.1	4.0	4.2	1.3	.1							10.4	7.2
SSE	2.4	3.7	5.4	2.7	.6							14.5	6.1
S	2.3	5.2	7.8	4.3	.6							19.1	6.4
SSW	.1	1.3	.9	.7	.1							3.1	7.9
SW		.4	.6	.1								1.1	7.3
WSW	.4	.5	.2	.4								1.7	6.7
W	1.4	.2	.4	.2	.1	.1						3.3	6.3
WNW	1.7	1.2	.4	.1								3.4	4.3
NW	.7	.9	1.1	1.0								3.7	7.3
NNW	.5	1.1	2.3	1.9	.6							6.3	9.7
VARBL													
CALM												14.1	
	13.9	24.7	29.3	15.6	2.8	.7						100.3	6.7

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72295 (STATION) CARSWELL AFB TX (STATION NAME) 73-82 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 0000-2300 (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	1.3	2.0	2.7	3.9	1.0	.2						11.1	10.1
NNE	.4	.7	.4	1.3	.2							3.1	9.5
NE	.7	1.2	1.1	.1								3.1	8.1
ENE	.6	.8	.8	.1								2.2	8.3
E	.4	1.6	.6									2.6	8.9
ESE	.1	.6	1.6	1.0								3.2	8.7
SE	.8	1.1	4.2	2.6								8.6	9.1
SSE	.3	1.3	5.3	3.8	1.6	.1						12.4	11.0
S	.9	3.6	6.9	11.0	3.2	.2						24.9	11.4
SSW		.4	1.6	2.8	.4							5.2	11.9
SW		.4	1.1	.6								2.1	9.4
WSW	.1	.6	1.0	.7	.1							2.4	9.3
W	.1	.3	.2	.9	.1	.1						1.9	10.6
WNW		.1	.7	.8	.3	.1						2.3	12.5
NW	.6	.4	.9	1.0	.3							3.2	9.4
NNW	1.1	1.1	1.7	2.2	1.0	.1						7.2	10.5
VARBL													
CALM												4.9	
	7.4	16.1	30.7	31.7	8.3	.9						100.2	9.7

TOTAL NUMBER OF OBSERVATIONS 966

USAFETAC FORM 0-8-5 OL-A (JUL 84) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

2

SURFACE WINDS

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

[illegible] CARSWELL AFB TX — 73-6[illegible] — AP
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — [illegible]
CLASS — HOURS L.S.T.

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.4	3.1	2.5	1.9							.5	11.3
NNE	.[illegible]	1.[illegible]	.7	3.3	.1							.[illegible]	[illegible].[illegible]
NE	.4	.[illegible]	1.[illegible]	.6								[illegible]	7.[illegible]
ENE	.[illegible]	1.[illegible]	.9	.3								2.4	7.[illegible]
E	.[illegible]	1.3	1.4	.1								3.7	[illegible].[illegible]
ESE	.1	.[illegible]	1.1	.7								2.5	[illegible].[illegible]
SE	.3	1.1	4.1	2.1	.2							7.[illegible]	9.[illegible]
SSE	.3	1.[illegible]	5.1	5.9	1.3	.2	.1					[illegible]0.1	11.[illegible]
S	.[illegible]	[illegible].1	[illegible].3	1[illegible].1	3.[illegible]	1.[illegible]						[illegible].1	[illegible]0.4
SSW	.1	.3	1.4	1.[illegible]								3.[illegible]	[illegible].[illegible]
SW	.1	.[illegible]	.3	.7	.1							[illegible].4	1[illegible].3
WSW		.[illegible]	.[illegible]	.4	.1	.3						2.4	11.4
W	.1	.[illegible]	.2	.[illegible]	.3	.[illegible]						1.[illegible]	1[illegible].[illegible]
WNW	.1	.1	.6	1.[illegible]	.1							1.[illegible]	11.[illegible]
NW		.[illegible]	1.2	[illegible].[illegible]	.4							4.[illegible]	11.[illegible]
NNW	.4	1.1	2.1	2.[illegible]	.[illegible]	.1						7.[illegible]	[illegible]1.[illegible]
VARBL													
CALM												2.4	
	[illegible].[illegible]	1[illegible].5	3[illegible].6	34.6	[illegible].7	2.1	.1					[illegible]0.[illegible]	[illegible].6

TOTAL NUMBER OF OBSERVATIONS 859

USAFETAC [illegible] [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

...AL CLIMATOLOGY BRANCH
...TAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

...STATION ...CAR...ELL AFB Tx STATION NAME 7?-8? YEARS ...MONTH

ALL WEATHER CLASS ...-17?? HOURS L.S.T.

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.[illegible]	2.[illegible]	4.0	1.[illegible]	.[illegible]						.[illegible]	[illegible]
NNE	.4	.6	2.1	1.8	.[illegible]							5.1	[illegible]
NE	.[illegible]	1.2	1.[illegible]	.7								[illegible]	7.[illegible]
ENE	.6	.[illegible]	1.[illegible]	.1								[illegible]	5.7
E	.6	1.[illegible]	1.4									3.7	6.[illegible]
ESE	.1	1.2	2.[illegible]	.3	.3	.1						4.1	[illegible].9
SE	.4	1.[illegible]	2.4	3.4	.[illegible]							[illegible].[illegible]	[illegible]
SSE	.[illegible]	2.[illegible]	[illegible].1	[illegible].5	3.[illegible]	.4						[illegible].[illegible]	12.3
S	.8	1.1	[illegible].3	7.9	3.[illegible]	.[illegible]						[illegible].[illegible]	12.[illegible]
SSW		.[illegible]	.[illegible]	1.6	.1							3.4	[illegible].[illegible]
SW		.1	.6	.3	.1							1.1	[illegible].[illegible]
WSW	.1	.[illegible]	.6	.[illegible]	.4							[illegible].[illegible]	10.9
W	.[illegible]	.[illegible]	.4	.8	.1	.1						1.6	11.3
WNW	.[illegible]	.[illegible]	.8	1.1	.[illegible]							[illegible].6	11.[illegible]
NW	.1		1.1	.4	.8	.1						[illegible].[illegible]	12.[illegible]
NNW	.[illegible]	.[illegible]	2.[illegible]	[illegible].3	.6	.[illegible]						6.3	11.[illegible]
VARBL													
CALM												1.4	
	4.[illegible]	15.2	31.3	34.5	10.8	2.2						[illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS 89[illegible]

USAFETAC FORM 0-8-6 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] CARSWELL AFB TX 73-82 APR
STATION STATION NAME YEARS MONTH

ALL WEATHER [illegible]
CLASS 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	.5	2.1	3.4	2.3	.7							9.1	9.4
NNE	.6	1.2	3.1	.4								5.3	7.0
NE	.6	1.6	.7	.1								3.1	5.3
ENE	1.3	1.4	.3									3.0	4.3
E	.9	2.2	.7	.1								3.9	5.0
ESE	.6	1.6	1.6	.7	.1							4.4	7.4
SE	.8	2.2	5.3	3.5	.3	.1						11.6	9.3
SSE	.9	3.6	8.9	7.6	1.6	.3						24.3	9.9
S	1.9	3.5	4.7	4.1	1.2		.1	.1				15.1	9.9
SSW		1.4	.6	.1								2.1	5.2
SW	.1	.4	.1	.2								.9	7.4
WSW		.5	.2									.4	6.3
W	.2	.6	.4									1.3	5.5
WNW	.2	.4	.4	.2	.1							1.4	5.2
NW	.2	.5	.3	.6	.2	.1						2.1	9.9
NNW	.7	1.3	1.7	1.9	.7	.1						6.4	13.6
VARBL				.1								.1	12.0
CALM												4.4	
	7.3	26.9	32.5	21.5	4.7	.7	.1	.1				100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 899

USAFETAC FORM JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] CARSWELL AFB TX 7[illegible]-8[illegible] [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER [illegible]-[illegible]
CLASS HOURS L S T

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.3	[illegible]	2.[illegible]	.3							[illegible].1	[illegible].[illegible]
NNE	.[illegible]	.4	1.2	.[illegible]								[illegible].[illegible]	[illegible].[illegible]
NE	.[illegible]	.[illegible]	.[illegible]									[illegible].[illegible]	[illegible].[illegible]
ENE	1.1	.[illegible]	.[illegible]									[illegible].3	4.[illegible]
E	.[illegible]	2.[illegible]	.6	.4								[illegible].[illegible]	[illegible].[illegible]
ESE	.[illegible]	1.[illegible]	.6	.[illegible]								[illegible].3	5.[illegible]
SE	1.[illegible]	1.[illegible]	4.9	[illegible].3	.3							1[illegible].[illegible]	[illegible].[illegible]
SSE	1.6	4.[illegible]	7.1	5.1	2.[illegible]	.1	.2					[illegible].[illegible]	[illegible].6
S	[illegible].[illegible]	[illegible].6	[illegible].9	4.8	1.6	.[illegible]						1[illegible].8	[illegible].[illegible]
SSW	.[illegible]	.[illegible]	.2	.[illegible]								1.[illegible]	[illegible].6
SW	.[illegible]	.1	.1	.1								.7	[illegible].[illegible]
WSW			.1									.1	7.[illegible]
W	.[illegible]	.4	.1	.1								1.[illegible]	4.3
WNW	1.7	1.[illegible]	.4	.1								[illegible].[illegible]	4.[illegible]
NW	1.7	1.1	.6	.3								[illegible].[illegible]	[illegible].1
NNW	.[illegible]	.[illegible]	1.[illegible]	1.[illegible]	.3	.2	.1					[illegible].[illegible]	11.2
VARBL													
CALM												1[illegible].[illegible]	
	[illegible].2	24.[illegible]	[illegible]3.8	[illegible]7.4	5.[illegible]	.7	.3					1[illegible].[illegible]	7.1

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] JUL 64 [illegible] PREVIOUS EDITIONS [illegible] ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] CARSWELL AFB TX 71-82 APR
STATION STATION NAME YEARS MONTH

ALL WEATHER ALL
CLASS 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	.7	2.1	2.6	.5	.2	.1						.6	7.7
NNE	.4	.7	1.3	1.0	.1							3.4	8.7
NE	.3	.2	.8	.2								1.4	6.3
ENE	.7	.7	.6	.1								2.1	5.2
E	.8	1.4	.9	.1								3.2	6.3
ESE	.5	1.1	1.1	.4	.1	.2						3.3	7.0
SE	.6	2.1	3.7	2.0	.2	.1						8.7	8.3
SSE	1.3	3.5	6.1	5.4	1.4	.2	.1					18.1	10.2
S	1.3	4.2	6.2	6.5	2.2	.4	.2	.2				21.3	10.2
SSW	.2	.2	.9	1.1	.1							2.6	9.1
SW	.1	.3	.5	.3	.2							1.2	8.4
WSW	.2	.3	.5	.3	.1	.2						1.4	8.9
W	.6	.5	.3	.3	.1	.1						1.8	7.3
WNW	1.3	.7	.5	.4	.1	.2						2.7	6.5
NW	.5	.8	1.2	.9	.3	.2						3.8	8.7
NNW	.5	.2	1.6	2.0	.6	.1	.2					5.6	10.7
VARBL				.2								.2	12.3
CALM												9.1	
	10.9	21.2	28.4	23.6	5.9	1.2	.1	.2				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 7127

USAFETAC FORM JUL 64 0-8-5 OLETE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

...L CLIMATOLOGY BRANCH
...F TAC
...R WEATHER SERVICE/MAC

SURFACE WINDS

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

...SCE (STATION) CARSWELL AFB TX (STATION NAME) 77-82 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) ...-27 (HOURS L S T)

(CONDITION)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.2	2.2	1.2	.1							6.5	7.5
NNE	.3	.5	.9	.2								1.3	6.4
NE	.2	.4	.4									1.1	5.3
ENE	.4	.4	.1									.9	4.4
E	.5	1.3	.6	.2								2.6	5.5
ESE	.6	1.4	1.8	.2								4.1	6.3
SE	1.3	4.1	1.8	.4								7.5	5.4
SSE	3.1	6.5	5.4	2.3	.2		.1					17.5	7.5
S	3.8	7.8	6.9	6.3	.5							25.4	6.7
SSW	.3	1.3	.5	.9								3.0	6.1
SW		.2	.1									.3	5.7
WSW	.2	.1					.1					.4	7.8
W	1.2	1.2	.2	.3								2.9	5.5
WNW	1.8	.5	.1	.4	.1							3.1	5.1
NW	1.2	.2	.2	.1	.1							2.3	5.2
NNW	.4	1.2	.8	1.1	.3	.2						3.7	15.2
VARBL													
CALM												15.7	
	16.6	30.1	22.2	13.5	1.4	.2	.2					100.2	5.3

TOTAL NUMBER OF OBSERVATIONS ...

USAFETAC FORM JUL 64 0-8-5 OLETE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

72[illegible] (STATION) CAPSWELL AFB TX (STATION NAME) 77-8[illegible] (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.6	1.5	.6	.1							[illegible]	[illegible].7
NNE	.4	.5	.3	.1	.2							[illegible].7	7.[illegible]
NE	.5	.[illegible]	.2	.5								1.4	7.[illegible]
ENE	.[illegible]	.[illegible]	.4	.2								1.[illegible]	[illegible].[illegible]
E	1.1	1.[illegible]	1.[illegible]	.3								[illegible].2	[illegible].[illegible]
ESE	1.[illegible]	1.5	.8	.3								[illegible].5	5.6
SE	1.4	2.[illegible]	1.7	.4								[illegible].4	5.[illegible]
SSE	4.6	7.[illegible]	6.4	1.2								[illegible].2	[illegible].[illegible]
S	2.6	7.[illegible]	9.5	3.9	.3							24.3	7.[illegible]
SSW	.[illegible]	.[illegible]	.8	.2	.1							2.4	7.[illegible]
SW	.4	.1	.2									.[illegible]	4.[illegible]
WSW	.[illegible]		.1	.1								.[illegible]	[illegible].[illegible]
W	1.[illegible]	.[illegible]	.2	.3								[illegible].4	5.[illegible]
WNW	[illegible].2	1.[illegible]	.1									[illegible].2	3.[illegible]
NW	.8	.[illegible]	.5	.3								[illegible].5	5.6
NNW	.2	1.4	1.3	1.4	.2	.1						4.6	[illegible].4
VARBL													
CALM												[illegible].[illegible]	
	[illegible].7	29.[illegible]	24.[illegible]	10.2	1.[illegible]	.1						[illegible].[illegible]	5.4

TOTAL NUMBER OF OBSERVATIONS [illegible]9

USAFETAC FORM [illegible] [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

13598 CARSWELL AFB TX 73-82 MAY
STATION STATION NAME YEARS MONTH

ALL WEATHER 0000-2300
CLASS 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	1.2	2.7	1.9	1.7								.9	7.2
NNE	.7	.5	.8	.3								.4	5.0
NE	.4	.9	.4	.1								1.0	5.6
ENE	.7	.4	.3	.3								1.3	5.3
E	1.3	.7	1.1	.2								3.3	5.6
ESE	1.3	1.5	1.9									4.7	5.7
SE	1.3	2.8	2.9	.7								7.7	6.1
SSE	2.3	5.2	5.8	1.5								14.7	6.6
S	2.6	5.3	1 .7	4.1	.5	.2						25.4	7.3
SSW	.7	1.4	1.2	.4	.2							3.9	7.0
SW		.4	.4									.9	6.3
WSW	.7	.7	.3	.2								1.8	6.9
W	.5	.6		.1								1.3	4.2
WNW	1.4	1.2	.5	.2	.1							3.4	5.2
NW	1.2	.9	.8	.3	.1							3.2	6.0
NNW	.8	.5	1.3	.6	.1							3.3	7.0
VARBL													
CALM												14.5	
	16.2	25.3	31.2	12.5	1.2	.2						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 629

USAFETAC FORM 0-8 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

2

...L CLIMATOLOGY BRANCH
...AFETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

...595 (STATION) CARSWELL AFB TX (STATION NAME) 73-8 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) ...9LST-17LST (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	1.4	1.4	3.9	2.5	.1							9.4	5.4
NNE	.5	1.3	1.5	1.7								4.4	7.8
NE	.5	.8	.5	.3								2.1	5.5
ENE	1.3	1.3	.9	.6								3.7	6.3
E	.8	1.8	1.3	.3								4.1	5.5
ESE	.4	1.1	1.7	.6								3.8	7.2
SE	.6	1.5	2.4	.5								5.1	7.3
SSE	.8	2.5	7.1	3.2	.1							13.7	8.5
S	1.1	3.5	7.1	13.5	2.1	.1						27.5	11.1
SSW	.4	.6	2.7	2.3	.5							6.6	10.7
SW	.4	.9	1.2	.9								3.3	7.5
WSW	.7	.4	.8	.2								1.9	7.2
W		.4	1.3	.7								2.5	8.4
WNW	.7	.1	.4	.6								1.5	5.4
NW	.6	.6	1.5	.3	.1							3.2	7.4
NNW	.8	.3	.8	1.3	.2	.1						3.5	9.3
VARBL													
CALM												3.9	
	20.2	17.8	34.2	28.8	3.1	.2						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS ...43.

USAFETAC ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] CARSWELL AFB TX — 77-82 — MAY

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 1200-1400

CLASS — 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	1.2	2.2	3.7	1.7	.1							8.9	9.1
NNE	.5	1.6	2.2	.4								4.5	7.2
NE		1.7	1.3	.1	.1							2.3	7.5
ENE	.6	.8	1.2	.2								.9	6.4
E	1.2	2.3	.6	.6								4.7	7.3
ESE	.2	.4	1.6	.3	.1							2.7	8.4
SE	.4	1.5	3.8	1.3	.4							7.4	9.1
SSE	.5	2.2	5.2	5.2	.8							14.7	10.1
S	.4	2.6	11.4	12.2	2.2	.5						29.3	11.2
SSW	.1	.5	1.5	1.7	.4							4.4	10.8
SW	.3	.5	.6	.5	.1	.1						2.4	9.3
WSW	.3	.4	.9	.1								1.5	8.3
W		1.0	.8	.9								2.6	9.2
WNW	.4	.4	.6	.5								1.9	7.7
NW	.3	.3	1.2	.8	.3							2.7	9.5
NNW	.2	.5	2.3	1.2								4.3	8.7
VARBL													
CALM												2.3	
	6.2	18.3	39.4	27.9	4.5	.4						[illegible]	7.6

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

...AL CLIMATOLOGY BRANCH
...AFETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

...SSF CARSWELL AFB TX 77-82 ALL
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

...-1772
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	.8	2.2	3.8	2.3								9.1	7.6
NNE	.4	.5	1.4	.5								2.8	7.0
NE	.6	.9	1.0	.4								2.9	6.7
ENE	.9	.3	.9	.3								2.4	6.6
E	.9	1.6	2.3	.3								5.1	6.3
ESE	.2	1.1	2.3	.4								4.0	7.8
SE	.7	2.3	4.6	2.6	.3							10.5	9.4
SSE	.3	2.7	7.5	7.4	1.2	.1	.1					19.4	10.7
S	.2	2.3	8.3	9.9	2.3	.3						23.2	11.7
SSW	.4	.8	1.2	.4								2.8	7.6
SW	.2	.4	.5	.5								1.7	6.7
WSW	.1	.4	.6	.2								1.4	7.6
W	.3	.3	1.2	.4	.1							2.2	6.4
WNW		.3	.5	.6								1.3	6.3
NW	.2	1.3	1.1	1.3								3.5	9.1
NNW	.3	1.2	1.3	1.5	.1							4.4	9.2
VARBL													
CALM												2.6	
	5.1	19.1	38.5	29.1	4.2	.4	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 933

USAFETAC FORM JUL 64 0-84 OLETE. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] CARSWELL AFB TX — 72-8[illegible] — MAY

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — [illegible]

CLASS — 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	1.2	2.[illegible]	2.9	1.7	.1							[illegible].5	7.[illegible]
NNE	.5	1.3	1.1	.3								3.2	6.4
NE	1.4	2.[illegible]	1.3	.3								[illegible].7	[illegible]
ENE	.9	1.[illegible]	.3		.1							2.3	5.[illegible]
E	1.8	1.5	2.2	.3	.1							[illegible].9	[illegible]
ESE	.6	1.7	2.8	.1	.2							[illegible].5	7.2
SE	.9	2.9	6.5	2.5	.2							13.0	[illegible]
SSE	1.2	6.[illegible]	10.4	6.1	.5							[illegible].1	[illegible]
S	1.[illegible]	4.5	5.9	3.6	.6							16.5	6.3
SSW	.1	.[illegible]	.5	.2								1.[illegible]	7.3
SW	.3	.4	.4									.2	5.3
WSW	.2	.7		.1								.[illegible]	5.3
W	.4	.4	.2	.1								1.2	5.5
WNW	.4	.6	.1	.1								1.3	4.5
NW	.1	1.2	.8	.8								3.4	6.[illegible]
NNW	.4	.[illegible]	.4	1.7	.3							2.9	9.7
VARBL													
CALM												4.6	
	11.5	2[illegible].8	35.5	17.2	2.3							[illegible]	7.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]29

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	CARSWELL AFB TX	72-82	MAY

CLASS: ALL WEATHER

HOURS (L.S.T.): 1300-1500

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	1.3	2.5	2.6	.5	.3	.1						7.3	7.2
NNE	.7	.4	.5	.3								1.9	7.7
NE	.5	.7	.4	.1								1.7	6.5
ENE	.5	1.2		.1		.1						1.8	5.1
E	1.4	1.1	1.4	.4								4.3	5.3
ESE	1.7	2.4	1.7	.5	.1							6.5	6.6
SE	1.8	4.7	5.9	2.4								14.8	7.2
SSE	2.0	8.3	8.2	3.4	.3							22.3	7.6
S	2.6	6.2	4.5	3.1	.5	.2						17.2	7.8
SSW	.7	.5	.2	.2								1.5	6.2
SW	.7	.5	.2	.1								1.1	5.6
WSW	.7	.2	.1									.8	4.5
W	.5	.5	.2									1.3	4.6
WNW	.5	.8			.2	.1						1.7	6.5
NW	.3	.9	.3	.4	.1							2.0	7.4
NNW		.9	.5	.6	.2							2.3	9.6
VARBL													
CALM												11.6	
	14.4	32.4	26.9	12.4	1.8	.5						[illegible]	6.3

TOTAL NUMBER OF OBSERVATIONS 930

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13958	CARSWELL AFB TX	73-82	MAY	ALL WEATHER	ALL
STATION	STATION NAME	YEARS	MONTH	CLASS	HOURS L.S.T.

CONDITION

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.3	2.9	1.6	.1	.0						7.6	7.5
NNE	.5	.8	1.1	.4	.0							2.9	7.8
NE	.6	.9	.7	.2	.0							2.4	6.2
ENE	.7	.9	.5	.2	.0	.0						2.3	5.6
E	1.1	1.5	1.3	.3	.0							4.3	5.6
ESE	.8	1.4	1.9	.3	.1							4.4	6.3
SE	1.1	2.5	3.7	1.3	.1							8.1	7.4
SSE	1.9	5.1	7.1	3.8	.4	.0	.0					18.3	8.2
S	1.8	4.9	7.9	7.1	1.1	.1						23.0	9.4
SSW	.3	.3	1.1	.8	.2							2.6	8.9
SW	.2	.4	.5	.3	.0	.0						1.5	7.4
WSW	.2	.3	.3	.1			.0					1.0	6.7
W	.5	.6	.4	.3	.0							1.9	6.5
WNW	.2	.7	.3	.3	.1	.0						1.6	5.8
NW	.5	.8	.8	.5	.1							2.8	7.4
NNW	.4	.7	1.1	1.1	.2	.1						3.7	9.2
VARBL													
CALM												9.1	
	12.7	25.4	31.4	18.7	2.4	.3	.0					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 7436

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

72756	CARSWELL AFB TX	73-82	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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	.7	1.7	1.6	.3								3.[illegible]	7.1
NNE	.5	.3	.4									1.3	5.3
NE	.4	.7	.3									1.4	4.5
ENE	.6	1.3										2.0	3.7
E	1.4	.7	.4									2.5	4.2
ESE	.9	2.3	.8	.1								4.1	5.2
SE	1.7	2.2	1.9	.2								5.0	5.8
SSE	4.4	6.8	4.4	2.7	.3							18.7	6.5
S	4.4	9.7	14.9	8.8	.7	.1						38.4	6.3
SSW	.7	1.4	1.2	.3								3.7	6.4
SW	.4	.2	.6	.1								1.3	5.3
WSW	.2	.1										.3	3.3
W	.4	.3										.5	3.1
WNW	.9	.4	.1									1.4	3.3
NW	.2	.4	.1									.5	5.5
NNW	.1	.2	.3	.2								.9	7.6
VARBL													
CALM												15.1	
	18.1	27.9	27.0	12.8	1.0	.1						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

2

SURFACE WINDS

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

... CARSWELL AFB TX — 72-8... — JUN

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 1200-1500

CLASS — 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	.7	1.1	1.0	.3								...1	5.4
NNE	.7	.7	.8									...3	5.6
NE	.6	.5	.2		.1							1.7	4.6
ENE	.7	.7										1....	2....
E	..6	1.2	.6	.1								...2	5..
ESE	1.4	1.4	.8	.2								3.2	5.1
SE	1.4	1.5	.7		.1							4.1	4.3
SSE	4.7	4.3	3.6	2.4								15.0	6..
S	5.3	11.4	13.7	5.4	.9	.1						36.9	7.4
SSW	1.4	1.7	1.4	.2								4.3	6..
SW	.4	.5	.7	.1								1.5	6..
WSW	.6	.3		.1								...3	4.1
W	.7	.4	.2									...3	4.1
WNW	1..	.3										1.3	3.1
NW	.7	.4		.1								1.2	4.1
NNW		.3	.9	.1								1.7	7.1
VARBL													
CALM												15.6	
	21.1	28.6	24.3	9.2	1.1	.1						100.3	5.2

TOTAL NUMBER OF OBSERVATIONS ...

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...RAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

3995	CARSWELL AFB TX	73-82	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0900-1800
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	.9	2.4	1.2	.7	.2							5.5	6.9
NNE	.7	1.2	.7									2.6	5.3
NE	1.0	1.1	.4									2.5	4.4
ENE	.8	.3	.2	.1	.1							1.5	5.5
E	.6	1.7	.8									3.1	5.4
ESE	1.0	1.2	.7	.2								3.1	5.2
SE	1.3	2.7	1.3	.4								5.5	6.1
SSE	1.9	4.3	3.1	1.9								11.2	7.0
S	3.7	9.7	13.3	7.7	.2	.2						34.1	6.1
SSW	1.3	2.7	2.6	1.7	.1							8.4	7.6
SW	.7	1.6	1.3									3.6	6.2
WSW	.1	.4	.1	.1								.8	5.4
W	.3	.7	.6									1.6	5.5
WNW	.7	.3										1.0	4.0
NW	.7	.7	.3									1.7	4.4
NNW	.3	.9	.4	.1								1.8	6.1
VARBL													
CALM												1.3	
	15.3	31.2	26.8	12.9	.7	.2						100.2	6.1

TOTAL NUMBER OF OBSERVATIONS 898

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] CARSWELL AFB TX 73-82 JUN
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.4	1.6	.3	.1							4.2	6.3
NNE	.7	1.2	.6	.4								2.7	5.1
NE	.5	1.3	.8	.3								2.9	5.9
ENE	.6	.2	.7									1.5	3.5
E	1.7	1.8	1.2	.2								4.9	5.1
ESE	.6	.9	.9	.2								2.6	5.5
SE	.7	1.6	1.2	.2								3.8	6.0
SSE	1.2	2.8	3.7	2.4	.1							10.2	6.3
S	.9	4.9	12.9	11.9	2.1	.6	.1					33.3	10.6
SSW	.3	1.8	7.1	5.1	.1							14.4	9.7
SW	.2	1.1	2.7	.8								4.8	8.4
WSW	.4	.7	1.3	.4								2.9	7.7
W	.6	.6	.4									1.6	5.3
WNW	.1	.1	.3									.5	5.8
NW	.6	.9	.1	.1								1.7	4.7
NNW	.3	1.1	1.1	.1								3.1	5.3
VARBL													
CALM												3.7	
	11.2	23.1	36.6	22.7	2.4	.6	.1					[illegible]	5.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

2

...AL CLIMATOLOGY BRANCH
...AFETAC
AI... WEATHER SERVICE/MAC

SURFACE WINDS

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

...STATION CARSWELL AFB TX STATION NAME 7?-8? YEARS JUL MONTH

ALL WEATHER CLASS ...00-...00 HOURS (L.S.T.)

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.6	2.1	.9								5.7	6.5
NNE	.4	1.3	1.2	.6								3.5	6.9
NE	.4	1.4	.3	.2								2.3	5.6
ENE	.8	1.5	.8									3.1	4.7
E	1.3	1.9	.6									3.7	4.4
ESE	.4	.6	1.2									2.2	5.4
SE	1.2	2.4	2.8	.2								6.7	6.6
SSE	.8	2.8	5.8	4.3	.6	.1						14.3	9.5
S	1.0	4.9	13.7	15.1	1.3	.3						36.7	10.9
SSW	.3	1.1	3.0	2.3	.1							6.4	9.6
SW	.1	.4	1.9	.3								2.9	6.3
WSW	.6	.8	.6									2.0	5.6
W	.3	.3	.2									1.4	4.9
WNW	.1	.4	.1	.1								.8	6.3
NW	.6	.7	.3									1.6	4.9
NNW	.7	1.2	.7									2.6	5.7
VARBL													
CALM												2.7	
	11.1	25.3	35.2	23.8	2.0	.9						100.2	5.4

TOTAL NUMBER OF OBSERVATIONS 9??

USAFETAC FORM JUL 64 ...8-5 O...A PREVIOUS EDITIONS OF THIS FORM ARE ...LETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] CARSWELL AFB TX 73-82 JUL
STATION STATION NAME YEARS MONTH

ALL WEATHER [illegible]
CLASS 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	.6	2.4	1.2	.6	.2							[illegible]	[illegible]
NNE	.3	1.2	1.1	.7								[illegible]	7.1
NE	.2	1.2	1.2	.1								[illegible]	[illegible]
ENE	1.5	2.9	.9	.1								[illegible]	4.7
E	1.3	2.9	1.2	.1								[illegible]	[illegible]
ESE	.5	1.1	1.2	.2								[illegible]	[illegible]
SE	.7	3.1	3.9	.6								[illegible]	7.[illegible]
SSE	.4	3.1	10.0	7.3	.8							[illegible]	[illegible]
S	.7	4.7	11.4	12.7	1.9	1.[illegible]						[illegible]	[illegible]
SSW	.4	.4	1.4	1.8	.3							[illegible]	[illegible]
SW		.7	.6	.1								1.3	7.[illegible]
WSW	.2	.3	.2									.[illegible]	[illegible]
W	.2	.2										.4	3.3
WNW	.6	.3	.1	.1								1.1	[illegible]
NW	.4	.[illegible]	.1									.5	[illegible]
NNW	.3	1.[illegible]	.4									1.3	.1
VARBL													
CALM												1.2	
	[illegible].2	25.8	35.1	24.4	3.2	1.5						[illegible]	[illegible].5

TOTAL NUMBER OF OBSERVATIONS [illegible]8?6

USAFETAC FORM JUL 64 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

72455 — STATION
CARSWELL AFB TX — STATION NAME
72-82 — YEARS
JUL — MONTH
ALL WEATHER — CLASS
0300-0900 — HOURS L.S.T.
CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.4	1.6	.3								[illegible]	5.3
NNE	.3	.[illegible]	.7	.8								[illegible]	7.9
NE	.1	2.3	.7									[illegible]	4.5
ENE	.[illegible]	1.[illegible]	.8									[illegible]	[illegible]
E	1.[illegible]	2.[illegible]	1.3	.[illegible]	.1							[illegible]	[illegible]
ESE	.3	2.3	2.8	.[illegible]								[illegible]	5.6
SE	.7	2.[illegible]	5.4	1.8	.1							10.[illegible]	[illegible]
SSE	.3	6.[illegible]	13.1	[illegible].8	.6	.2						[illegible]	[illegible]
S	1.3	5.1	9.2	5.9	.8	.4						[illegible]	5.9
SSW	.1	1.1	1.6	.3								.[illegible]	7.7
SW	.1	.3										.4	3.5
WSW				.[illegible]								.[illegible]	11.[illegible]
W	.3	.[illegible]	.1									.7	4.[illegible]
WNW	.[illegible]	.1	.1	.1								.5	5.8
NW		.[illegible]		.1								.4	6.[illegible]
NNW	.1	.3	.[illegible]	.[illegible]								.[illegible]	7.9
VARBL													
CALM												2.4	
	7.6[illegible]	28.[illegible]	[illegible]7.6[illegible]	20.0	1.6	.7						[illegible]	7.8

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72295 (STATION) CARSWELL AFB TX (STATION NAME) 73-82 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 1200-2300 (HOURS L.S.T.)

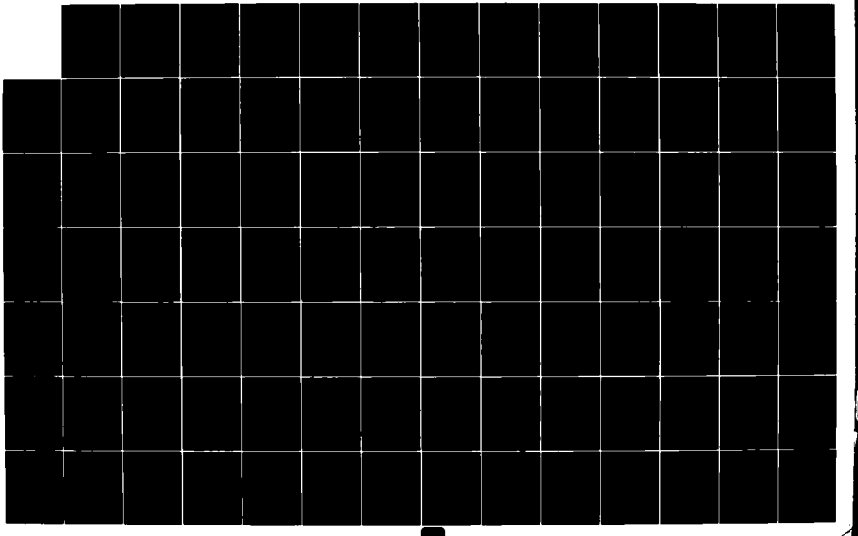
(CONDITION)

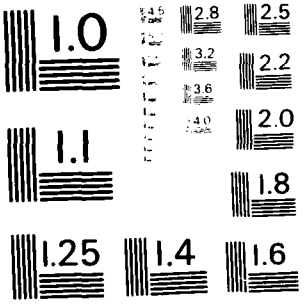
SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.2	.9	.1								.7	5.9
NNE	.9	1.1	.5	.2								.8	5.6
NE	.4	.6										.1	3.5
ENE	.6	.7										.1	3.6
E	1.8	2.2	.8	.1								4.9	4.7
ESE	1.3	4.2	1.8	.1								7.5	5.4
SE	.9	5.6	4.6	1.1	.1		.1					12.2	7.1
SSE	2.9	6.7	11.3	3.9	.4	.1						25.4	7.6
S	3.6	8.7	11.1	4.7	.3	.2						28.4	7.7
SSW	.6	.9	.2									1.7	4.4
SW	.7	.2	.3	.1								1.3	5.1
WSW	.1			.1								.2	7.0
W	.2	.2		.1								.4	5.3
WNW	.8	.1										.9	4.5
NW	.2	.1										.3	2.3
NNW	.1	.3	.3		.1	.1						1.0	5.1
VARBL													
CALM												7.7	
	15.9	32.5	32.1	9.8	1.4	.4	.1					100.1	6.3

TOTAL NUMBER OF OBSERVATIONS 899

AD-A131 193 CARSWELL AFB TEXAS REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATION..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAY 83

UNCLASSIFIED USAFETAC/DS-83/020 SBI-AD-E850 398 F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963

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

2

SURFACE WINDS

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

[illegible] 95 CARSWELL AFB TX 77-82 JU
STATION STATION NAME YEARS MONTH

ALL WEATHER ALL
CLASS 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	.8	1.7	1.4	.4	.1							4.4	5.0
NNE	.6	1.	.8	.2								2.5	5.4
NE	.7	1.2	.5	.1	.							2.	5.1
ENE	.6	1.2	.4	.	.							2.	4.5
E	1.3	1.2	.6	.1	.							4.2	5.
ESE	.	1.1	1.3	.2								4.1	5.6
SE	1.1	2.	3.7	.6	.		.					7.2	6.7
SSE	2.1	4.7	6.9	4.3	.3	.1						18.4	6.3
S	2.7	7.3	12.5	8.9	1.1	.4	.					33.	9.1
SSW	.6	1.4	2.3	1.5	.1							5.9	6.4
SW	.3	.7	1.	.2								2.2	7.1
WSW	.3	.3	.3	.1								1.1	6.2
W	.4	.4	.2	.								1.1	4.6
WNW	.5	.3	.1	.								1.1	3.9
NW	.4	.5	.1	.								1.1	4.6
NNW	.3	.	.5	.1	.	.						1.7	5.3
VARBL													
CALM												7.4	
	15.9	27.8	31.8	16.9	1.7	.5	.					100.	7.1

TOTAL NUMBER OF OBSERVATIONS 7195

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL[illegible]AL CLIMATOLOGY BRANCH
[illegible]AFETAC
A[illegible] WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible]95 CARSWELL AFB TX 73-82 JUL
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.7	.1									1.1	3.7
NNE	.3	.4		.2								.[illegible]	[illegible]
NE	.4											.[illegible]	2.[illegible]
ENE	.6	.1										.[illegible]	2.[illegible]
E	.2	.3										1.[illegible]	[illegible]
ESE	2.5	1.5	.4	.1								5.[illegible]	4.[illegible]
SE	2.[illegible]	3.1	1.1									6.[illegible]	4.[illegible]
SSE	5.[illegible]	9.1	4.4	.4								19.8	[illegible]
S	7.5	18.4	14.6	5.7								44.2	[illegible]
SSW	.9	1.6	1.9	.3								4.[illegible]	[illegible]
SW	.3	.2										1.[illegible]	2.[illegible]
WSW	.3	.2		.1								.[illegible]	5.[illegible]
W	.8	.1	.1									1.[illegible]	2.[illegible]
WNW	.5	.4										1.[illegible]	3.[illegible]
NW	.2	.1										.[illegible]	[illegible]
NNW	.1	.3	.1									.[illegible]	4.[illegible]
VARBL													
CALM												12.2	
	23.[illegible]	36.[illegible]	22.8	4.9								[illegible]	[illegible]

1

TOTAL NUMBER OF OBSERVATIONS [illegible]3[illegible]

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
AI... WEATHER SERVICE/MAC

2

SURFACE WINDS

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

...STATION CARSWELL AFB TX STATION NAME 77-82 YEARS JUL MONTH

ALL WEATHER CLASS ...-... 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	.5	.6	.1									1.2	4.2
NNE	.3	.1	.1									.5	4.0
NE	.5	.1	.2		.1							1.0	5.0
ENE	.6				.1							.7	4.7
E	1.1	.5	.2									1.8	3.4
ESE	.4	1.6	.2									.7	4.0
SE	3.	3.7	.4									5.7	3.5
SSE	6.5	5.	2.3	.1								14.1	4.2
S	11.1	17.3	11.3	2.4								42.1	5.5
SSW	4.2	5.	4.3									13.4	5.
SW	.8	.9	.5									2.2	4.7
WSW	.5	.7										.8	3.1
W	1.0	.3										1.3	2.4
WNW	.3	.5										.8	3.2
NW	.7	.5	.1									1.3	4.0
NNW	.2	.1	.2									.5	4.3
VARBL													
CALM												14.1	
	27.4	35.4	20.0	2.5	.2							1.2	4.6

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

...L CLIMATOLOGY BRANCH
...AFETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

... | ...ABERWELL AFB TX | 77-82 | JUL
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | ...2- 0...
CLASS | 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	.9	.6	.5									1.9	4.7
NNE	.1	.3	.4									.8	5.8
NE	.2	.5										.7	4.1
ENE	1.0	.8	.1	.2								2.0	4.9
E	1.3	1.3										2.7	4.5
ESE	1.3	1.3	.3									2.9	3.9
SE	1.9	2.0	.1									4.1	3.6
SSE	4.1	5.3	1.7	.4								11.5	4.7
S	7.5	13.2	3.1	2.1	.2							26.4	5.7
SSW	1.9	4.5	5.4	.5								12.4	5.6
SW	1.4	2.2	1.6	.1								5.3	5.4
WSW	1.1	1.0	1.2									3.3	4.7
W	.6	1.1	.5									2.3	4.8
WNW	1.2	.1	.1									1.4	2.6
NW	.6	.5	.1									1.4	3.0
NNW	.5	.3	.2									.9	4.1
VARBL													
CALM												10.6	
	29.2	34.7	20.2	3.3	.2							100.3	4.4

TOTAL NUMBER OF OBSERVATIONS ...

USAFETAC FORM JUL 64 ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] CARSWELL AFB TX [illegible] [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS 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	1.1	1.1	.6	.2								.3	[illegible]
NNE	1.5	.4	.5	.3								.3	[illegible]
NE	1.9	.9	.2									.4	[illegible]
ENE	.9	.3	.7									.4	[illegible]
E	.8	1.5	.6									.4	[illegible]
ESE	1.1	1.1	.3	.1								.4	[illegible]
SE	1.4	1.5	.4	.2								.4	[illegible]
SSE	1.[illegible]	3.[illegible]	2.3	.9								7.1	[illegible]
S	3.3	7.3	11.2	4.7	.5							27.1	[illegible]
SSW	1.[illegible]	[illegible].2	[illegible].9	[illegible].9								12.[illegible]	[illegible]
SW	.5	3.9	4.6	.9								10.[illegible]	[illegible]
WSW	.4	2.5	2.3									5.3	[illegible]
W	.8	1.4	1.5									3.7	[illegible]
WNW	.2	.[illegible]	.3									1.2	[illegible]
NW	1.1	1.[illegible]	.5									2.5	[illegible]
NNW	.5	.5	.1	.1								1.5	[illegible]
VARBL													
CALM												[illegible].[illegible]	
	[illegible]8.[illegible]	32.9	35.5	10.2	.6							[illegible].[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] [illegible] PREVIOUS EDITIONS OF THIS FORM ARE [illegible]

...L CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

2

SURFACE WINDS

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

...98 — STATION
CARSWELL AFB TX — STATION NAME
73-82 — YEARS
JUL — MONTH
ALL WEATHER — CLASS
1200-1400 — 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	1.5	2.5	1.1	.1								5.6	4.7
NNE	.4	1.5	.4	.4								[illegible]	[illegible]
NE	1.2	1.6	.4	.1								[illegible]	[illegible]
ENE	.5	1.7	.5									[illegible]	[illegible]
E	1.4	1.7	1.2	.1								4.4	[illegible]
ESE	.3	1.7	1.2	.1								3.3	[illegible]
SE	1.[illegible]	3.[illegible]	3.[illegible]	.4	.1							7.5	[illegible]
SSE	1.7	6.1	6.8	2.7								17.3	7.3
S	2.[illegible]	6.9	12.9	5.9	.6							28.4	[illegible]
SSW	.6	2.[illegible]	4.5	.9								[illegible]	7.7
SW	.6	2.2	1.6	.5								4.[illegible]	[illegible]
WSW	.6	.8	.4									1.8	[illegible]
W	.5	1.4	.3									[illegible]	4.7
WNW	.4	.[illegible]	.2									1.4	4.7
NW	.[illegible]	.[illegible]	.4									1.3	[illegible]
NNW	.[illegible]	1.1	.2	.2								2.3	5.1
VARBL													
CALM												2.[illegible]	
	14.5	35.5	35.3	11.5	.3							1[illegible].2	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]3

USAFETAC FORM [illegible] JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722695 (STATION) CARSWELL AFB TX (STATION NAME) 73-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1517-1720 (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	1.1	1.4	.3	.5								3.3	5.4
NNE	1.2	1.3	.6	.8								3.7	6.4
NE	.9	1.9	1.0	.3								3.7	6.2
ENE	.4	1.2	1.6	.1								3.3	6.6
E	1.6	2.8	1.3	.2								5.9	5.8
ESE	.4	2.4	1.1	.2								4.1	6.0
SE	1.1	3.1	6.5	1.4	.2							12.3	7.2
SSE	.9	5.2	11.6	5.2	.4							23.1	8.7
S	2.3	5.8	11.6	5.5	.3	.2						25.8	8.7
SSW	.6	.5	1.6	.6	.1							3.7	7.8
SW	.2	.7	1.1	.1	.2							2.5	6.2
WSW	.1	.8	.2	.3								1.4	6.3
W	.4	.5	.3	.1								1.4	5.4
WNW	.4	.2	.1									.8	5.9
NW	.5	.4	.2									1.2	5.8
NNW	.5	.6	.1	.1								1.4	6.1
VARBL													
CALM												2.9	
	12.2	28.9	39.3	15.5	1.3	.2						100.2	7.4

TOTAL NUMBER OF OBSERVATIONS 926

USAFETAC FORM 0-8 JUL 64 (PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE)

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AT EATHER SERVICE/MAC

2

SURFACE WINDS

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

7 3595 CARSWELL AFB TX 73-82 JUL
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

CONDITION

HOURS (LST)

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	.6	.3	.5			.1						1.5	5.0
NNE		1.0	.5									.6	5.5
NE	.8	1.7	.5	.1		.1						3.4	6.1
ENE	1.3	1.9	.4									3.7	4.1
E	1.7	3.6	1.4	.2								7.0	5.0
ESE	.9	2.2	1.2	.2								4.4	5.4
SE	.5	3.9	5.8	1.2	.1							11.7	7.5
SSE	1.2	12.9	17.4	4.2	.4	.1						36.3	7.7
S	1.5	4.8	1.3	2.7	.2							10.5	7.3
SSW	.2	.8	.6	.1								1.7	5.6
SW	.2	.4	.2									.8	5.2
WSW	.2	.3	.1		.1							.5	6.2
W	.2	.5										.5	3.9
WNW	.3		.1									.4	3.5
NW	.2	.1	.2									.5	4.5
NNW	.1	.1	.2									.4	5.2
VARBL													
CALM												4.5	
	10.1	34.6	40.6	8.9	.9	.3						.2	5.5

TOTAL NUMBER OF OBSERVATIONS 729

USAFETAC FORM 0-8 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

GL -AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] CARSWELL AFB TX 73-82 JUL
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.3	.3	.1								1.[illegible]	[illegible]
NNE	.3	.1	.4	.1								1.[illegible]	[illegible]
NE	.[illegible]	.[illegible]	.2									1.[illegible]	[illegible]
ENE	1.1	.5										1.[illegible]	[illegible]
E	1.4	1.5	.9	.2								[illegible].[illegible]	[illegible]
ESE	2.3	1.8	1.2	.3								[illegible].6	[illegible]
SE	1.4	5.9	5.9	.6								13.9	[illegible]
SSE	4.3	10.4	11.6	1.3	.2							27.[illegible]	[illegible]
S	4.3	12.1	9.5	2.4								28.2	6.4
SSW	.4	.4	.6	.1								1.[illegible]	[illegible]
SW	.3	.1	.2									.[illegible]	4.5
WSW	.[illegible]			.1								.4	[illegible]
W	.3	.3										.[illegible]	[illegible]
WNW	.[illegible]	.[illegible]	.1									.4	4.3
NW	.[illegible]	.1		.1								.4	[illegible]
NNW	.4		.2									.3	[illegible]
VARBL													
CALM												10.[illegible]	
	15.2	34.4	31.2	5.4	.2							[illegible].[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

72F95	CARSWELL AFB TX	77-82	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

ALL — HOURS L.S.T.

CONDITION

SPEED KNTS. DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.9	.5	.1		.0						2.4	5.1
NNE	.4	.6	.4	.2								1.7	5.2
NE	.5	.7	.3	.1	.0	.0						1.2	4.3
ENE	.8	.8	.4	.0	.0							2.1	4.7
E	1.2	1.6	.7	.1								3.6	4.9
ESE	1.3	1.6	.9	.1								3.7	5.0
SE	1.6	3.1	2.9	.5	.1							8.2	5.2
SSE	3.2	7.1	7.3	1.9	.1	.0						19.6	6.7
S	5.2	12.7	11.2	3.7	.3	.0						33.9	6.9
SSW	1.0	2.7	3.2	.7	.0							7.6	6.9
SW	.6	1.4	1.3	.2	.0							3.5	6.3
WSW	.5	.7	.5	.1	.0							1.8	5.7
W	.6	.7	.3	.0								1.7	4.6
WNW	.4	.4	.1									.9	3.8
NW	.5	.4	.2	.0								1.1	4.5
NNW	.4	.4	.2	.1								1.0	4.9
VARBL													
CALM												8.2	
	18.9	34.2	30.4	7.8	.5	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 7433

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

722595 CARSWELL AFB TX 73-82 AUG
STATION STATION NAME YEARS MONTH

ALL WEATHER 0300-0900
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.9	.5	.1								2.3	5.1
NNE	.1	.4	.0									1.5	0.4
NE	.6	.3	.3		.1							1.4	5.5
ENE	.6	.3		.1								1.2	3.5
E	1.3	1.1		.1								2.5	4.1
ESE	1.7	1.8	.4	.2								4.2	4.4
SE	2.0	4.2	1.5	.1								7.9	4.2
SSE	3.7	7.6	4.8	.4								16.6	5.3
S	6.2	14.5	13.2	3.6	.1							37.7	6.5
SSW	.8	1.4	.6	.4								3.2	5.7
SW	.1	.1	.3	.1								.5	8.2
WSW	.2	.4	.1	.1								.9	5.1
W	1.4											1.4	2.2
WNW	1.0	.4	.1		.2							1.7	5.3
NW	1.0	.3	.2									1.5	3.3
NNW	.3	.3	.1									.5	4.2
VARBL													
CALM												15.3	
	22.0	34.2	22.8	5.3	.4							[illegible]	4.2

TOTAL NUMBER OF OBSERVATIONS 929

2

...AL CLIMATOLOGY BRANCH
...FETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

... 59... (STATION) ...ARBELL AFB TX (STATION NAME) 73-82 (YEARS) AU (MONTH)

ALL WEATHER (CLASS) ...00-...00 (HOURS L.S.T.)

(CONDITION)

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.5	.6	.1								...6	...0
NNE	.3	.3	.4									1.0	...5
NE	.4	.3	.2									.9	4.1
ENE	.2	.4	.2									1.1	4.7
E	1.1	.8	.1	.2								.3	4.2
ESE	1.6	1.3	.1									3.0	3.9
SE	1.3	2.4	.4									4.1	4.1
SSE	5.7	8.6	1.9									16.2	4.3
S	9.5	13.3	9.2	1.6								33.1	5.7
SSW	1.9	1.9	1.5	.1								5.1	5.3
SW	.6	.2	.4									1.3	4.5
WSW	.4	.3										.8	3.3
W	.6	.3										1.0	2.4
WNW	1.9	.4										2.4	4.5
NW	1.1	.3										1.4	4.7
NNW	.9	.2	.2	.1								1.4	4.2
VARBL													
CALM												21.4	
	27.6	33.3	15.9	2.2								...0	...3

TOTAL NUMBER OF OBSERVATIONS ...2...

USAFETAC FORM JUL 64 0-8-5 OLNA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

...AL CLIMATOLOGY BRANCH
...FETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

...CARSWELL AFB TX — 77-82 — ...
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — ...
CLASS — HOURS (LST)

CONDITION

SPEED (KNOTS) / D.D.	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	.2	2.3	.5									4.7	4.
NNE	.3	1.	.4									1.7	5.
NE	.	.	.3									4.7	4.
ENE	.	.	.2									1.4	3.
E	.6	.	.4	.1								1.	4.
ESE	.2	1.2	1.									2.3	4.
SE	2.	2.4	.4	.1								5.4	4.
SSE	5.9	6.7	2.7	.1								15.4	4.4
S	9.	16.9	16.1	2.3								45.1	5.
SSW	7.4	1.	2.3	.4								11.	5.
SW	1.1	1.	.3									2.5	4.
WSW	.5	.	.2									1.	4.
W	1.4	.										1.8	2.3
WNW	1.7	.1										1.8	2.
NW	1.	.2										1.2	2.
NNW	.	.	.2									1.4	6.
VARBL													
CALM												17.7	
	27.2	33.4	19.8	3.0								4.	4.

TOTAL NUMBER OF OBSERVATIONS ...26

USAFETAC FORM ... PREVIOUS EDITIONS OF THIS FORM ARE ...

...AL CLIMATOLOGY BRANCH
...SFTAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

...9F — STATION — CARSWELL AFB TX — STATION NAME — 71-82 — YEARS — AUG — MONTH

ALL WEATHER — CLASS

... — CONDITION

... — HOURS L.S.T.

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	.7	1.1	1.4	.5								.9	5.7
NNE	1.4	1.5	.6	.1								3.7	5.
NE	2.2	1.5	.2	.1								4.3	4.7
ENE	1.4	1.1	.5									3.	4.
E	1.3	2.7	.6	.1								4.7	4.
ESE	2.	1.	.4									2.4	4.5
SE	.9	2.5	2.3									5.	5.
SSE	1.7	3.	1.7	.4								6.	5.6
S	3.2	6.3	1.9	5.5	1.2							18.1	6.
SSW	2.	4.3	3.2	3.5								13.7	7.2
SW	.9	3.3	3.2	1.								8.1	7.
WSW	.7	1.4	1.2	.5								4.	6.2
W	.9	.7	.4									.2	4.
WNW	.5	.2										.7	3.5
NW	.4	.6	.2									1.3	4.6
NNW	.9	1.	.2	.1								.2	4.4
VARBL													
CALM												.4	
	17.5	34.2	29.8	12.2	1.2							100.	5.

TOTAL NUMBER OF OBSERVATIONS 909

USAFETAC FORM ... JUL 64 ... OBSOLETE ... PREVIOUS EDITIONS OF THIS FORM ARE ...

2

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

SURFACE WINDS

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

[illegible] CARSWELL AFB TX — 77-81 — AU

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — [illegible]-14[illegible]

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	1.6	1.5	2.4	.7								5.[illegible]	5.[illegible]
NNE	.5	1.[illegible]	1.1	.1								[illegible].7	6.[illegible]
NE	1.5	1.5	.4	.3								4.1	4.[illegible]
ENE	1.4	2.[illegible]	.5									[illegible].[illegible]	4.4
E	1.[illegible]	3.[illegible]	1.4	.2								.7	5.[illegible]
ESE	.7	1.[illegible]	1.4	.1								3.1	6.[illegible]
SE	1.2	3.3	3.4	.1								[illegible].1	5.[illegible]
SSE	1.1	4.[illegible]	5.[illegible]	1.8								12.[illegible]	7.[illegible]
S	2.7	6.[illegible]	12.2	6.1	.[illegible]	.1						[illegible].[illegible]	8.4
SSW	1.3	2.[illegible]	4.[illegible]	3.2	.1							7.[illegible]	8.[illegible]
SW	.6	1.7	1.[illegible]	.3	.1							3.[illegible]	6.[illegible]
WSW	.1	.4	.1	.1								.[illegible]	6.[illegible]
W	.4	.[illegible]	.1	.1								1.2	4.[illegible]
WNW	.[illegible]	.1	.[illegible]									.9	3.[illegible]
NW	.[illegible]	.[illegible]										.[illegible]	2.4
NNW	.[illegible]	1.3	.9									2.[illegible]	5.[illegible]
VARBL													
CALM												4.1	
	[illegible].7	32.4	34.1	11.9	.8	.1						[illegible].[illegible]	5.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]528

USAFETAC FORM [illegible] [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

...AL CLIMATOLOGY BRANCH
...AFETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

...94 ...ARKSDALE AFB TX 7?-8... A...
STATION STATION NAME YEARS MONTH

ALL WEATHER 1...0-17...
CLASS HOURS L.S.T.

CONDITION

SPEED KNTS OR	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	1.2	1.7	1.1	.9	.2							4.	7.4
NNE	1.2	.5	.6	.3								.	5.1
NE	.6	1.5	.6	.3								3.	5.5
ENE	1.7	2.3	1.3									5.	5.6
E	1.3	3.	3.2	.1								.3	5.1
ESE	1.2	1.7	2.6	.3								6.	6.4
SE	.6	3.4	3.8	.3	.1							10.	6.6
SSE	1.4	4.5	5.6	3.5								15.	6.4
S	1.6	6.5	11.4	7.6	.1	.1						29.	6.5
SSW	.2	1.3	1.9	2.4								6.	6.
SW	.7	.5	.9		.1							1.	7.3
WSW	.5	.3	.2	.2								1.	6.7
W	.2	.4										.4	2.5
WNW	.1	.1										.2	3.5
NW	.1	.1										.2	3.8
NNW	.4	1.5	.4	.1								2.	5.4
VARBL													
CALM												1.7	
#													
	13.7	27.7	38.6	16.1	.5	.1						96.	7.1

TOTAL NUMBER OF OBSERVATIONS 93

USAFETAC FORM JUL 64 ...PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] CARSWELL AFB TX 73-82 ALL
STATION STATION NAME YEARS MONTH

ALL WEATHER [illegible]
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	.2	.4	.8	.2								.8	6.6
NNE	.2	.4	.6	.3								1.6	5.7
NE	1.1	1.4	.2									2.7	4.0
ENE	.2	2.0	.8	.3								3.2	5.3
E	2.2	5.1	2.6	.3								10.2	5.5
ESE	1.7	2.3	2.5	.3								7.3	5.3
SE	2.2	6.6	6.5	.6								15.8	5.4
SSE	2.2	10.5	12.8	2.8	.2							28.5	7.2
S	1.9	5.2	7.3	3.1	.1							17.6	7.7
SSW	.2	.2	.6	.1								1.7	5.6
SW	.1	.4	.2									.3	5.4
WSW		.1	.2									.3	7.3
W	.2	.2										.4	4.3
WNW	.2	.3	.1									.6	4.5
NW	.1		.2									.3	5.3
NNW	.6	.3										1.0	3.2
VARBL													
CALM												4.7	
	14.6	36.8	35.4	8.2	.3							100.1	6.3

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] CARSWELL AFB TX 77-82 AU
STATION STATION NAME YEARS MONTH

ALL WEATHER 1[illegible]-2[illegible]
CLASS 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	.4	1.[illegible]	.2		.1							[illegible]	5.[illegible]
NNE	.5	.[illegible]	.4									[illegible]	4.4
NE	.3	.[illegible]	.4									1.[illegible]	4.4
ENE	.[illegible]	.[illegible]										.[illegible]	[illegible]
E	1.4	1.7	.3									[illegible].4	[illegible]
ESE	[illegible].7	4.[illegible]	1.5	.1								[illegible].1	4.[illegible]
SE	[illegible].3	6.[illegible]	4.8	.2								14.2	[illegible]
SSE	4.6	9.6	1[illegible].9	1.8								[illegible].[illegible]	6.[illegible]
S	4.3	[illegible].7	8.3	1.5								[illegible].[illegible]	6.[illegible]
SSW	.4	.[illegible]	.2	.1								[illegible].[illegible]	[illegible]
SW	.1	.[illegible]	.4		.1							1.2	7.6
WSW	.1											.1	1.[illegible]
W	.3	.4	.1									.9	4.4
WNW	.6	.1										.8	2.[illegible]
NW	.5		.1									.6	2.[illegible]
NNW		.4										.4	4.[illegible]
VARBL													
CALM												1.[illegible]	
	19.8	35.[illegible]	[illegible]7.7	4.3	.2							[illegible].2	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]3[illegible]

USAFETAC FORM [illegible] JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	CARSWELL AFB TX	72-82	AUG
	STATION NAME	YEARS	MONTH
ALL WEATHER			ALL
CLASS			HOURS L.S.T.

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.7	.9	.7	.							3.3	5.5
NNE	.6	.4	.6	.1								1.7	5.7
NE	.6	1.	.3	.1	.							2.3	4.5
ENE	.9	1.2	.4	.1								2.7	4.7
E	1.4	2.3	1.2	.1								4.9	5.1
ESE	1.4	2.	1.2	.1								4.	5.3
SE	1.7	3.4	3.1	.3	.							8.1	5.6
SSE	3.5	6.	5.1	1.4	.1							17.5	6.2
S	4.4	9.5	11.2	7.9	.3	.						34.3	7.1
SSW	1.5	1.9	2.1	1.5	.1							7.2	7.2
SW	.4	1.	.4	.2	.							2.2	5.6
WSW	.3	.5	.3	.1								1.2	5.6
W	.7	.3	.1	.								1.1	3.4
WNW	.8	.2	.1		.							1.1	3.4
NW	.6	.3	.1									1.0	3.3
NNW	.5	.7	.3	.								1.5	5.0
VARBL													
CALM												10.6	
	18.9	33.4	28.0	7.7	.4	.2						88.3	5.5

TOTAL NUMBER OF OBSERVATIONS 7435

USAFETAC FORM 0-1 JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...SAFETAC
...WEATHER SERVICE/MAC

2

SURFACE WINDS

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

... CARSWELL AFB TX 73-82 SEP
STATION STATION NAME YEARS MONTH

ALL WEATHER ...
CLASS 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	1.2	3.	3.1	.4	.2							.9	6.5
NNE	.4	.7	1.3									2.4	6.4
NE	.4	.2	.2	.2								1.0	6.5
ENE	.5	1.1	.4	.1								2.2	5.2
E	1.2	1.	.1									2.3	4.4
ESE	1.3	2.2	.6									4.5	4.
SE	2.2	3.2	.8	.1								6.3	4.4
SSE	4.3	4.5	3.4	1.4	.1							14.2	5.7
S	6.3	4.4	6.2	4.2	.2							21.2	7.
SSW	.3	.4	.1	.2								1.1	6.3
SW	.1	.2	.1									.4	4.5
WSW	.											.2	1.5
W	.1											1.1	2.2
WNW	.2	.4										2.7	2.4
NW	1.3	.3	.1									2.2	3.1
NNW	1.1	.2	.2									1.2	3.
VARBL													
CALM												24.7	
	25.2	25.3	18.1	6.6	.6							100.2	4.3

TOTAL NUMBER OF OBSERVATIONS 899

USAFETAC FORM JUL 64 ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

...SAL CLIMATOLOGY BRANCH
...FETAC
... WEATHER SERVICE/MAC

SURFACE WINDS

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

...9E CARSWELL AFB TX 77-82 ...
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

CONDITION

HOURS (L.S.T.)

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	1.7	4.5	2.8	1.6								1 .?	...5
NNE	1.0	.7	.4	.1								...4	4.3
NE	.7	1.?	.3	.1								...1	4.7
ENE	1.5	.?	.3									...4	3.9
E	1.2	1.3	.3									2.?	3.5
ESE	1.4	1.?	.6									3.0	3.6
SE	2.4	2.4	.6									5.?	4.1
SSE	2.6	5.3	2.3	.2								...?	5.1
S	5.7	9.3	6.8	2.7								10.1	6.5
SSW	.9	1.?	.2	.3								2.4	3.3
SW	.4	.2	.2									.?	4.4
WSW	.4	.1										.?	3.?
W	.2	.?										...1	2.5
WNW	3.4	1.1	.2									4.?	2.6
NW	1.1	.?										...2	3.1
NNW	.8	1.2	.2	.1								...3	4.7
VARBL													
CALM												20.4	
	25.7	27.3	15.6	5.1								...?	...?

TOTAL NUMBER OF OBSERVATIONS 8?9

USAFETAC FORM ...-64 ... PREVIOUS EDITIONS OF THIS FORM ARE ...

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

3595 (STATION) CARSWELL AFB TX (STATION NAME) 73-85 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

(CONDITION) (HOURS L.S.T.)

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	1.3	4.	5.1	1.8	.1							12.4	7.5
NNE	.9	1.4	1.	.3								3.7	6.2
NE	.9	.8	.9									2.6	5.2
ENE	1.7	.4	.2	.3								2.7	4.8
E	1.6	1.2	.6									3.5	4.
ESE	.6	1.	.3									2.	4.5
SE	2.1	2.4	1.1	.1								5.7	4.9
SSE	5.5	5.1	1.2	.9	.1							12.8	4.7
S	4.1	5.	5.1	2.8								17.0	5.5
SSW	.6	.8	1.	.2								.5	5.6
SW	.4	.5	.1									1.1	4.
WSW	.1	.1	.2									.3	4.7
W	1.6	.4	.1									2.1	3.
WNW	1.6	.6	.3									2.7	3.4
NW	1.3	1.1	.1	.1								2.7	3.8
NNW	1.0	1.7	.6									3.2	4.7
VARBL													
CALM												23.4	
	23.4	26.5	17.9	5.6	.2								4.2

TOTAL NUMBER OF OBSERVATIONS 898

USAFETAC FORM 0-1 (OL-A) 0-84 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] STATION | CARSWELL AFB TX STATION NAME | 73-85 YEARS | SEP MONTH

ALL WEATHER CLASS | [illegible] HOURS L.S.T.

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.3	4.7	2.9	.2							11.9	6.4
NNE	1.2	1.2	1.6	1.3	.1							5.5	7.7
NE	1.2	1.4	1.8									4.5	5.4
ENE	1.6	1.3	1.3	.3								4.2	5.6
E	2.7	2.1	.9	.2								5.9	4.4
ESE	1.4	1.6	.4									3.7	4.2
SE	2.4	2.6	1.7									6.7	4.5
SSE	2.5	3.1	2.1	1.3	.2							9.7	6.9
S	2.8	4.5	6.6	6.9	.6							21.4	8.9
SSW	.4	2.3	2.8	1.0								6.6	6.8
SW	.4	.7	.7	.4								2.2	6.7
WSW	.4	.9	.3									1.7	4.4
W	.5	.5	.3									1.7	4.6
WNW	.4	.2	.1									.8	3.9
NW	.8	.5	.8	.1								2.2	5.7
NNW	.4	.7	.7	.4								2.2	7.6
VARBL													
CALM												6.5	
	23.6	26.4	26.3	17.0	1.1							[illegible]	6.5

TOTAL NUMBER OF OBSERVATIONS 896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] CARSWELL AFB TX 77-82 [illegible]
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	2.3	4.3	[illegible]	.2	.1						[illegible]	[illegible]
NNE	1.4	1.[illegible]	1.7	1.[illegible]								[illegible]	[illegible]
NE	1.2	2.3	1.2	.4	.1							[illegible]	[illegible]
ENE	1.9	2.3	1.7	.7								[illegible]	[illegible]
E	1.[illegible]	3.6	1.8	.3								7.[illegible]	[illegible]
ESE	1.4	2.1	.7	.1								[illegible]	[illegible]
SE	1.[illegible]	3.2	1.6	.4								[illegible]	[illegible]
SSE	2.[illegible]	3.[illegible]	3.3	1.6	.4							[illegible]	7.[illegible]
S	1.3	4.3	6.8	6.2	1.[illegible]							[illegible]	[illegible]
SSW	.6	.[illegible]	2.3	.8	.1							[illegible]	[illegible]
SW	.4	.[illegible]	1.4	.2								[illegible]	[illegible]
WSW	.[illegible]	.3	.1	.1								.7	[illegible]
W	.3	.[illegible]	.4	.1								1.[illegible]	[illegible]
WNW	.[illegible]	.1	.2									[illegible]	[illegible]
NW	1.[illegible]	.[illegible]	.6	.1								[illegible]	[illegible]
NNW	.7	1.4	1.7	.3	.1							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	15.7	29.7	[illegible]	15.8	2.8	.1						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

...AL CLIMATOLOGY BRANCH
...AFETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

...95 CARSWELL AFB TX 73-82
STATION STATION NAME YEARS

...
MONTH

ALL WEATHER
CLASS

...-17...
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	1.7	2.7	5.1	3.1	.7	.1						13.2	6.5
NNE	.6	1.8	2.1	1.1								5.6	7.3
NE	1.3	2.3	2.2	.4								6.3	6.1
ENE	1.7	2.9	1.9	.2								6.7	6.0
E	2.3	3.2	2.7	.6								8.6	6.7
ESE	1.2	3.3	1.3	.4								6.2	5.8
SE	1.2	2.5	3.4	.6								7.7	6.7
SSE	1.6	3.3	4.4	1.3	.1	.1						11.3	7.3
S	1.6	3.7	7.3	5.7	1.1							19.3	9.1
SSW	.2	1.1	.8	.9								3.1	8.0
SW	.3	.5	.2	.1								1.2	5.2
WSW			.2									.2	7.5
W	.1	.2	.1									.4	4.5
WNW	.2	.1	.3									.7	5.7
NW	.5	.7	.4	.3								2.3	6.4
NNW	.7	.9	.9	1.0	.1							3.5	7.2
VARBL													
CALM												4.0	
	16.2	29.3	33.2	15.7	2.3	.2						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 920

USAFETAC FORM JUL 84 ...-... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SECTION OF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] CARSWELL AFB TX 73-8 [illegible]
STATION STATION NAME YEARS 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	1.2	3.	3.2	1.2	.4	.1						.[illegible]	7.[illegible]
NNE	.7	1.9	2.6	.4								.[illegible]	7.
NE	1.0	3.[illegible]	1.1									.[illegible]	5.1
ENE	2.0	1.9	.8									.[illegible]	4.1
E	3.5	6.4	1.9	.3								1 .2	4.[illegible]
ESE	2.9	4.	1.2	.1								.[illegible]	4.
SE	1.3	5.[illegible]	4.2	.6								11.1	6.[illegible]
SSE	3.1	6.	5.4	3.[illegible]								17.[illegible]	6.[illegible]
S	2.1	4.3	3.3	1.7	.2							11.7	6.3
SSW	.[illegible]	.[illegible]	.3	.1								.[illegible]	5.[illegible]
SW	.7	.1	.1									.4	4.[illegible]
WSW		.1	.1									.[illegible]	7.[illegible]
W	.3	.[illegible]	.1									.[illegible]	4.4
WNW	.[illegible]	.3										.[illegible]	2.[illegible]
NW	.7	.[illegible]		.1								.[illegible]	4.4
NNW	.3	.1	.3									.[illegible]	[illegible].6
VARBL													
CALM												7.7	
	[illegible].7	39.[illegible]	24.8	7.6	.7	.1						.[illegible]	[illegible].6

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

SE[illegible]AL CLIMATOLOGY BRANCH
[illegible] AFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] STATION | CARSWELL AFB TX STATION NAME | 73-8[illegible] YEARS | [illegible] MONTH

ALL WEATHER CLASS | [illegible] HOURS L.S.T.

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	3.1	2.2	1.0	.3							7.[illegible]	7.[illegible]
NNE	.4	2.1	2.2	.1								4.[illegible]	6.6
NE	1.1	1.3	.4	.2								.[illegible]	5.[illegible]
ENE	.2	1.3	.2									3.4	.1
E	2.4	1.9	.4		.1							4.[illegible]	4.[illegible]
ESE	3.9	3.3	1.8	.2								[illegible].[illegible]	4.[illegible]
SE	1.3	4.[illegible]	3.2	.9								[illegible].4	[illegible].[illegible]
SSE	4.1	4.[illegible]	4.3	2.[illegible]								[illegible].2	[illegible].[illegible]
S	3.[illegible]	4.6	3.8	3.6	.1							[illegible].6	7.1
SSW	.[illegible]	.[illegible]			.1							.[illegible]	[illegible].[illegible]
SW	.3	.2										.6	[illegible].[illegible]
WSW	.[illegible]	.1										.[illegible]	[illegible].7
W	.[illegible]	.[illegible]										.9	2.[illegible]
WNW	1.7	.8										[illegible].4	[illegible].[illegible]
NW	.6	.4										[illegible].2	[illegible].4
NNW	.4	.3	.1	.1								[illegible].4	4.[illegible]
VARBL													
CALM												[illegible].5	
	24.6	28.7	18.8	[illegible].2	.7							[illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

...AL CLIMATOLOGY BRANCH
...ETAC
... WEATHER SERVICE/MAC

2

SURFACE WINDS

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

... STATION ... STATION NAME ... 77-8... YEARS ... MONTH

ALL WEATHER
CLASS

ALL
HOURS L.S.T.

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	3.3	3.2	1.0	.2	.0						1.7	7.7
NNE	.2	1.3	1.6	.7	.0							4.5	7.1
NE	1.[illegible]	1.6	1.1	.2	.0							2.9	[illegible]
ENE	1.7	1.5	.6	.2								4.[illegible]	4.7
E	[illegible].1	2.5	1.1	.2	.0							5.[illegible]	4.7
ESE	[illegible].[illegible]	2.3	.2	.1								[illegible].[illegible]	4.[illegible]
SE	1.[illegible]	3.3	2.1	.3								7.4	5.7
SSE	3.[illegible]	4.6	3.3	1.6	.1	.0						12.7	6.7
S	[illegible].4	4.5	5.6	4.2	.5	[illegible]						15.4	7.9
SSW	.5	.6	.9	.7	.[illegible]							2.[illegible]	7.7
SW	.2	.4	.4	.1								1.[illegible]	5.7
WSW	.[illegible]	.2	.1	.[illegible]								.[illegible]	4.6
W	.2	.1	.1	.[illegible]								1.[illegible]	5.[illegible]
WNW	1.[illegible]	.5	.2									1.[illegible]	3.1
NW	.[illegible]	.2	.3	.1								.[illegible]	4.4
NNW	.2	1.[illegible]	.6	.3	.[illegible]							2.[illegible]	6.1
VARBL													
CALM												14.7	
	21.7	23.2	23.1	10.5	1.[illegible]	.1						[illegible].[illegible]	5.4

TOTAL NUMBER OF OBSERVATIONS ...71[illegible].1

USAFETAC FORM [illegible] [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

...AL CLIMATOLOGY BRANCH
...TAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

...99 STATION ...AKWELL AFB TX STATION NAME 73-82 YEARS ... MONTH

ALL WEATHER CLASS ... 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	.3	2.5	3.5	1.2	.6	.1						8.2	9.4
NNE	.3	.6	.5	.1								1.5	6.5
NE	.4	.4	.6									1.5	6.1
ENE	.3	.1	.1									1.0	4.5
E	.5	.4	.5									1.7	4.8
ESE	.6	1.2	.5	.2								2.5	5.2
SE	1.1	2.5	.9	.4								4.9	5.7
SSE	3.5	4.7	4.7	1.9	.4	.1						15.5	6.9
S	3.7	5.6	3.0	1.1	.5							13.7	7.0
SSW	.3	1.4	1.0	.4								3.1	6.0
SW	.1	.3	.8		.1							1.3	7.3
WSW	.5	.1										.5	2.5
W	1.0	.4	.2									1.5	5.1
WNW	2.7	.4	.2	.1								3.7	3.2
NW	1.3	1.4	.1	.3								3.1	4.5
NNW	.3	.5	.9	.3		.2						2.5	5.4
VARBL													
CALM												24.2	
	19.2	22.1	22.6	6.9	1.7	.5						1[illegible].1	5.[illegible]

TOTAL NUMBER OF OBSERVATIONS ...32

USAFETAC FORM JUL 64 ...-5 ...A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

...AL CLIMATOLOGY BRANCH
...AFETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

...P STATION: CARSWELL AFS TX STATION NAME — 73-8... YEARS — ... 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	1.2	2.[illegible]	1.9	2.8	.1	.2						[illegible]	[illegible]
NNE	.[illegible]	.4	.4	.6								1.5	[illegible]
NE	.[illegible]	.[illegible]	.4	.1								1.[illegible]	[illegible]
ENE	.4	.[illegible]	.5	.1								1.3	[illegible]
E	.[illegible]	.[illegible]										1.4	[illegible]
ESE	1.4	.[illegible]	.4	.1								[illegible].7	[illegible]
SE	.6	2.[illegible]	1.3									[illegible]	[illegible]
SSE	3.7	3.[illegible]	4.2	1.3		.1						1.[illegible]	[illegible]
S	4.4	6.[illegible]	7.1	2.9								[illegible].3	[illegible]
SSW	.[illegible]	1.1	1.1		.1							[illegible]	[illegible]
SW	.[illegible]	.[illegible]	.1									.8	[illegible]
WSW	.[illegible]	.1	.1	.1								.[illegible]	[illegible]
W	1.4	.	.1	.1								2.4	[illegible]
WNW	2.8	1.4	.2									4.4	[illegible]
NW	1.2	1.2	.4	.8								[illegible].5	[illegible]
NNW	.6	1.[illegible]	1.5	.5	.1							[illegible].3	[illegible]
VARBL													
CALM												[illegible]0.6	
	[illegible]3.9	23.5	[illegible]3.9	9.5	.3	.3						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]3[illegible]

USAFETAC FORM [illegible] JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

...AL CLIMATOLOGY BRANCH
...TAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

...9 CARSWELL AFB TX 73-8...
STATION STATION NAME YEARS

ALL WEATHER
CLASS

...-0...
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	1.2	2.5	1.7	2.3	.3	.1	.1					..	..
NNE	.3	.3	.4	.5								1.5	7.3
NE	.1	.3	.2									.6	4.3
ENE	.5	.2	.4	.2								.9	5.7
E	.4	.3	.1									.8	4..
ESE	.2	1.7	.5	.2								2.6	4.3
SE	.3	1.2	1.7	.8								3.7	5..
SSE	3.1	4.5	3.1	1.8	.1	.1						12.8	5.5
S	3.4	5.4	5.6	1.9	.2							16..	6.7
SSW	1.2	.4	1.2	.1								2.9	5.4
SW	.4	.3		.1								.9	4.1
WSW	.2	.2	.1									.5	4..
W	.5	.3	.1	.2								1.4	4.5
WNW	3.2	1.5										4.5	6.9
NW	1.2	1.4	1.1	.6	.2							4.3	7..
NNW	.6	1.4	1.6	1.1	.1							4.1	7.9
VARBL													
CALM												5..	
	.4	23.4	13.2	9.9	1..	.2	.1					..1	4.7

TOTAL NUMBER OF OBSERVATIONS 9...

USAFETAC FORM ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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

SURFACE WINDS

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

[illegible] CARDWELL AFB TX — 73-82 — OCT

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 0000-2300

CLASS — 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	1.3	1.3	3.7	4.2	.6	.4	.1					11.6	11.3
NNE	.8	.5	.4	.9		.1						2.7	7.8
NE	.8	1.2	1.7	.4								4.2	6.1
ENE	.6	.3	1.0	.1								2.0	6.1
E	1.4	1.2	1.0									3.6	4.0
ESE	1.6	1.1	.5									3.2	4.2
SE	1.8	2.5	2.4	.5								7.2	5.8
SSE	1.3	3.7	2.4	2.3	.7							10.1	7.1
S	1.4	4.5	7.3	8.8	1.6	.7						24.4	9.2
SSW	.4	1.0	2.7	2.6	.7							7.4	9.0
SW	.2	1.1	1.5	.3								3.1	7.6
WSW	.2	.5	.4	.4		.1						1.6	6.4
W	.4	.5	.9	.5								2.2	7.5
WNW	.3	.6	.3	.1	.2							1.5	7.0
NW	.5	.4	.4	.2								1.5	6.2
NNW	1.1	1.3	2.3	1.1	.2							5.9	7.5
VARBL													
CALM												7.3	
	13.9	22.4	28.8	22.2	3.4	.9	.1					100.2	7.6

TOTAL NUMBER OF OBSERVATIONS 729

USAFETAC FORM [illegible] [illegible] PREVIOUS EDITIONS OF THIS FORM ARE [illegible]

2

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

... CARSWELL AFB TX — 73-82 — OCT
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — ... - 1400
CLASS — 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	1.6	2.4	3.7	4.[illegible]	.[illegible]	.2						1.[illegible]	[illegible].[illegible]
NNE	.5	1.[illegible]	1.8	1.2	.4							[illegible].[illegible]	[illegible].3
NE	.8	1.9	1.6	.5	.1							4.[illegible]	6.3
ENE	1.4	1.[illegible]	.8									[illegible].1	4.5
E	1.6	1.1	.4									[illegible].1	4.1
ESE	.6	2.2	.2	.1								[illegible].1	4.[illegible]
SE	.9	1.[illegible]	2.3	.3	.2							[illegible].3	7.3
SSE	1.0	2.[illegible]	3.7	3.[illegible]	.5	.2						[illegible].7	8.9
S	1.9	3.6	6.1	9.8	3.3							[illegible].5	11.4
SSW	.5	1.5	1.6	2.[illegible]	.4	.1						[illegible].4	9.4
SW	.2	.[illegible]	1.5	.4								[illegible].[illegible]	7.4
WSW	.[illegible]	.6	1.5	.1	.1							[illegible].[illegible]	7.6
W	.3	.[illegible]	.8	.2	.1							2.2	7.1
WNW		.[illegible]	.2	.1								.[illegible]	6.[illegible]
NW	.4	.[illegible]	.9	.3	.1							2.4	9.[illegible]
NNW	.[illegible]	1.1	1.1	2.[illegible]								[illegible].[illegible]	3.7
VARBL													
CALM												4.5	
	12.3	23.3	28.1	24.2	6.[illegible]	.[illegible]						[illegible].[illegible]	[illegible].4

TOTAL NUMBER OF OBSERVATIONS [illegible]25

USAFETAC FORM [illegible] [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

...CLIMATOLOGY BRANCH
...SFETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

... STATION ... CARSWELL AFB TX STATION NAME ... 73-82 YEARS ... MONTH

ALL WEATHER CLASS ... HOURS

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	.1	2.	5.	4.	.	.	-	-	-	-	-	13.	7.
NNE	1.	1.	1.6	.6	.1	-	-	-	-	-	-	4.	7.
NE	1.7	1.	.9	.6	-	-	-	-	-	-	-	4.	5.
ENE	.8	1.8	.3	.1	-	-	-	-	-	-	-	3.	4.
E	1.1	1.	.4	.1	-	-	-	-	-	-	-	3.	4.
ESE	.7	1.	.5	.1	-	-	-	-	-	-	-	2.	4.
SE	1.	2.	3.	.4	.1	-	-	-	-	-	-	7.	6.
SSE	1.	3.1	5.8	4.4	1.	-	-	-	-	-	-	15.	8.
S	1.6	3.1	7.	9.1	1.3	.1	-	-	-	-	-	23.	10.1
SSW	.2	1.	1.	.8	.1	-	-	-	-	-	-	4.	7.
SW	.1	.2	.3	.2	-	-	-	-	-	-	-	1.	5.
WSW	.1	.3	.9	.3	-	-	-	-	-	-	-	1.	5.
W	.4	1.	.6	.2	.1	-	-	-	-	-	-	2.	6.
WNW	.1	.1	.3	-	-	-	-	-	-	-	-	.5	6.
NW	.6	.7	.6	.3	-	-	-	-	-	-	-	2.	5.
NNW	.5	.9	2.	1.1	-	-	-	-	-	-	-	4.	7.
VARBL	-	-	-	-	-	-	-	-	-	-	-	-	-
CALM	-	-	-	-	-	-	-	-	-	-	-	7.	
	13.5	25.	32.7	22.4	3.2	.2						100.	7.8

TOTAL NUMBER OF OBSERVATIONS 929

...FORM ... PREVIOUS EDITIONS OF THIS FORM ARE ...

2

...RAL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

...9... CARSWELL AFB TX 73-P...
STATION STATION NAME YEARS

... MONTH

ALL WEATHER
CLASS

... HOURS ...

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	1.5	3.4	3.7	1.7	.4	.1						10.8	7.7
NNE	.5	1.3	.8	.4								3.0	6.8
NE	.3	1.1	.4	.1								1.9	4.8
ENE	1.4	.3	.1									1.8	3.8
E	.3	1.2	.5									2.0	5.0
ESE	1.2	2.4	1.1	.2								4.9	6.9
SE	2.0	4.7	3.4	.8	.2							11.0	6.4
SSE	2.3	4.2	2.3	1.3	.2	.1						10.4	7.4
S	2.5	5.6	4.1	1.3								13.5	6.3
SSW	.7	1.1	.2	.2								2.2	4.2
SW	.4	.3	.1									1.1	3.9
WSW	.2	.2										.4	3.5
W	1.1	.5	.1	.1								1.8	3.2
WNW	1.4	.3										1.7	3.6
NW	.3	.3	.5	.2	.2							1.5	6.5
NNW	.5	.4	1.2	.3	.1							2.5	7.2
VARBL													
CALM												1.0	
	21.6	29.8	24.6	7.7	1.2	.2						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS ...4

USAFETAC FORM ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

2

...AL CLIMATOLOGY BRANCH
...FETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

... STATION ... CARSWELL AFB TX STATION NAME ... 73-8 YEARS ... MONTH

ALL WEATHER CLASS ... HOURS

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	1.4	1.7	4.2	1.6	.3	.1						9.7	5.6
NNE	.1	1.3	1.3									2.7	6.5
NE	.5	.6	.3									1.5	4.7
ENE	.6	.2										.8	2.4
E	1.4	1.2										2.5	3.5
ESE	1.1	2.1	1.1									4.2	5.2
SE	2.4	2.1	2.8	.5	.1							7.8	5.2
SSE	4.7	5.2	5.9	2.7	.4							18.9	6.7
S	3.1	7.1	4.5	2.7	.2							17.5	6.6
SSW	.4	1.2	1.2	.1								2.7	6.1
SW	.3	.1	.1									.5	4.2
WSW	.3	.1										.4	4.5
W	2.2	1.4	.3	.1								3.9	3.3
WNW	2.7	.5	.1	.3								3.7	3.6
NW	1.1	.5	.5	.2	.1							2.7	5.6
NNW	.3	.5	.2	.5	.1	.2						1.9	11.3
VARBL													
CALM												19.4	
	22.2	25.2	22.2	8.8	1.3	.3						100.2	5.1

TOTAL NUMBER OF OBSERVATIONS ... 235

USAFETAC FORM JUL 64 ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
... AFGTAC
A... WEATHER SERVICE/MAC

2

SURFACE WINDS

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

...F 96 (STATION) CARSWELL AFB TX (STATION NAME) 77-81 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.4	3.4	2.7	.5	.2	.2					12.4	7.8
NNE	.5	.9	.9	.6	.1	.0						2.9	7.1
NE	.7	1.2	.8	.2	.2							3.2	5.9
ENE	.6	.6	.4	.1								1.8	4.7
E	1.2	1.1	.4	.0								2.7	4.4
ESE	1.4	1.6	.6	.1								3.8	4.7
SE	1.6	2.5	2.3	.5	.1							6.8	6.3
SSE	2.6	4.1	4.5	2.5	.4	.1						14.2	7.4
S	2.7	5.2	6.3	5.1	.9	.0						20.3	8.4
SSW	.5	1.2	1.3	.8	.1	.0						3.9	7.9
SW	.3	.3	.6	.1	.0							1.4	5.9
WSW	.2	.3	.4	.1	.1	.0						1.1	6.4
W	1.0	.7	.4	.2	.1							2.5	5.2
WNW	1.7	.7	.2	.1	.1							2.9	4.6
NW	.9	.7	.6	.4	.1							2.8	5.2
NNW	.7	.3	1.4	.9	.1	.1						3.7	6.2
VARBL													
CALM												10.2	
	17.5	24.5	24.4	14.2	2.3	.4	.2					123.0	5.1

TOTAL NUMBER OF OBSERVATIONS 7425

USAFETAC FORM ... OCT 64 ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...AFETAC
AI... WEATHER SERVICE/MAC

2

SURFACE WINDS

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

...95 CARSWELL AFB TX 73-9... ...
STATION STATION NAME YEARS MONTH

ALL WEATHER ...2-...2...
CLASS 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	.2	2.0	2.9	5.4	1.2							1...	...2
NNE	.3	.4	.7	.4								1.3	7.6
NE	.4	.6	.2									.2	4.6
ENE	.2	.1	.1									.4	4.3
E	.3	.4	.1									1.1	3.4
ESE	1.7	.6	.2									.4	3.4
SE	.7	1.2	.9	.1								...3	...3
SSE	2.9	2.5	2.7	1.1	.2							7.4	5.4
S	5.2	5.2	6.7	4.8	.4	.3						...7	6.2
SSW	.6	1.1	1.7	.9								4.3	7.2
SW	.7	.3	.1	.1	.1							1.3	5.6
WSW		.4	.2	.1								.2	6.9
W	2.2	1.1	.3	.2	.1							4.3	4.3
WNW	2.2	1.4	.8	.1	.2							...1	5.1
NW	1.1	1.2	1.7	1.3		.2						5.9	7.2
NNW	.2	1.7	2.6	2.9	.2							6.7	6.3
VARBL													
CALM												19.2	
	17.8	22.3	21.8	15.3	2.3	.6						...2	5.2

TOTAL NUMBER OF OBSERVATIONS ...20...

USAFETAC ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

2

SURFACE WINDS

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

[illegible] CARSWELL AFB TX 73-82 [illegible]
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.3	5.9	4.7	.5							13.3	7.3
NNE	.2	.5	.6	.7								2.3	7.1
NE	.4	.7	.3									1.4	5.0
ENE	.7	.2	.3									1.2	4.3
E	.7	.3										1.1	4.0
ESE	.9	1.1	.3									2.3	4.2
SE	1.6	2.1	.9	.1	.1							4.7	5.1
SSE	2.0	3.6	2.4	.8	.2							9.1	6.3
S	3.5	4.2	5.7	3.3	.6							17.3	7.4
SSW	.7	1.3	1.4	.7								4.1	7.2
SW	.4	.6	.3	.1								1.4	6.2
WSW	.2	.2	.1									.5	4.7
W	1.2	1.1	.3	.1								2.8	4.4
WNW	3.7	2.2	.3	.1	.1							6.5	5.7
NW	1.3	1.1	2.0	.7	.1	.1						5.6	8.1
NNW	.4	1.3	1.7	2.0	.4	.1						6.2	1.3
VARBL													
CALM												7.6	
	1.7	23.5	24.5	13.3	2.3	.7						100.1	5.7

TOTAL NUMBER OF OBSERVATIONS 692

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

2

...AL CLIMATOLOGY BRANCH
...TAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

...GE ... CAFB, FLL AFB TX ... 73-8 ... ...
STATION ... STATION NAME ... YEARS ... MONTH

ALL WEATHER ... 6 ...
CLASS ... 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	1.6	2.3	4.1	3.7	1.4							13.1	7.6
NNE		.7	1.2	.7								2.6	7.0
NE	.6	.4	.5	.2								1.8	6.3
ENE	.5	.9										1.4	5.2
E	.5	.4										1.0	5.4
ESE	.2	1.3										1.6	9.7
SE	1.2	2.7	1.2		.2							5.2	6.4
SSE	1.2	3.7	3.6	.7	.2							9.1	6.2
S	2.9	4.3	3.6	1.2	.2							12.7	7.2
SSW	.6	2.2	.9	.4								4.1	5.7
SW	.9	.4	.1	.1								1.6	5.2
WSW	.4	.3	.1	.1								1.2	4.8
W	1.6	1.1	.3									3.0	5.4
WNW	2.8	1.3	.4									5.0	3.9
NW	1.6	1.6	.8	1.1		.1						5.3	6.8
NNW	.9	1.2	2.0	3.1	.7							7.9	10.4
VARBL													
CALM												1.5	
	17.9	25.3	18.5	12.8	2.7	.1						100.1	5.5

TOTAL NUMBER OF OBSERVATIONS 899

USAFETAC FORM ... PREVIOUS EDITIONS OF THIS FORM ARE ...

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION: CARSWELL AFB TX (STATION NAME) — YEARS — MONTH

ALL WEATHER (CLASS)

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	1.2	2.7	3.2	5.7	2.1	.2						14.1	14.8
NNE	.5	.9	1.6	.4	.2	.1						3.3	9.0
NE	.2	.3	.2	.3								1.0	9.4
ENE	.2	1.1	.2	.2								1.7	9.7
E	.2	.4	.1									.7	7.1
ESE	1.1	1.1	.4	.2								2.8	9.2
SE	.3	1.2	1.1	.6								3.2	9.2
SSE	1.2	2.2	3.1	1.3	.1							7.9	9.4
S	2.7	3.	5.5	7.6	1.3	.2						19.8	12.2
SSW	.6	1.2	1.3	1.2	.3							4.6	9.2
SW	.2	.4	1.2	.9	.2							2.9	10.4
WSW	.6	.9	.6	.4	.2							2.7	9.7
W	.7	.2	.6	.6		.1						2.2	7.1
WNW	.6	1.4	1.0			.1						3.2	8.2
NW	.5	.2	1.2	.8	.2	.2						3.1	9.8
NNW	1.2	1.	2.6	2.8	1.2	.3						9.1	10.7
VARBL													
CALM												11.2	
	.4	2.5	24.6	42.9	6.2	1.2						77.8	9.8

TOTAL NUMBER OF OBSERVATIONS 826

USAFETAC FORM 0-8 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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

SURFACE WINDS

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

[illegible] STATION CARSWELL AFB TX STATION NAME 73-82 YEARS [illegible] 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	1.[illegible]	3.3	3.3	6.5	1.6	.3						[illegible].9	[illegible].6
NNE	1.2	1.[illegible]	.8	1.6	.6							.8	9.5
NE	1.2	1.[illegible]	.6									[illegible].0	[illegible].[illegible]
ENE	.[illegible]	.7	.4	.3								[illegible].[illegible]	[illegible].[illegible]
E	.[illegible]	.9	.2									[illegible].[illegible]	[illegible].[illegible]
ESE	.[illegible]	.[illegible]	.7									[illegible].[illegible]	[illegible].[illegible]
SE	.9	1.[illegible]	2.1	.[illegible]	.1							[illegible].9	6.2
SSE	.9	2.4	4.6	[illegible].[illegible]	.7							[illegible].[illegible]	8.7
S	1.[illegible]	2.4	[illegible].8	[illegible].8	3.7	.3	.1					[illegible].2	[illegible].[illegible]
SSW	.3	.[illegible]	1.9	[illegible].3	1.[illegible]	.3						[illegible].7	[illegible].6
SW	.1	.[illegible]	1.6	1.[illegible]	.1							[illegible].3	[illegible].4
WSW	.1	.[illegible]	1.2	.9	.3							[illegible].2	[illegible].6
W	.1	.[illegible]	2.[illegible]	.9	.1	.1						[illegible].[illegible]	[illegible].[illegible]
WNW	.1	.4	.9	.7	.1							[illegible].2	[illegible].6
NW	.6	.4	1.1	.6	.1							[illegible].[illegible]	[illegible].[illegible]
NNW	.6	1.[illegible]	2.6	[illegible].2	.7							[illegible].4	[illegible].[illegible]
VARBL													
CALM												4.3	
	9.5	19.4	[illegible]7.7	29.0	9.0	1.0	.1					[illegible]1.[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]808

USAFETAC FORM [illegible] [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

2

SURFACE WINDS

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

...STATION CARSWELL AFB TX STATION NAME 73-82 YEARS NOV MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	3.4	5.1	1.3	1.4							12.	...2
NNE	1.7	1.2	2.9	1.7								6.5	7.7
NE	.7	.9	.4	.1								2.1	5.4
ENE	.6	.3	.1	.1								.2	4.2
E	.7	1.2	.3									2.2	4.5
ESE	.6	1.2	.3									2.1	4.3
SE	.7	1.7	2.2	1.1	.2							5.9	7.3
SSE	.7	2.2	4.2	3.8	.3							11.7	8.0
S	.6	2.9	6.8	8.7	1.9	.2						21.	11.1
SSW	.5	.7	1.9	1.3	.1	.1						4.3	7.8
SW	.2	.3	1.2	.4								2.1	7.2
WSW	.2	.3	.4	.2	.1							1.3	7.8
W	.6	.3	1.0	.4								2.3	7.4
WNW	.4	.2	.7	.6		.1						2.0	7.2
NW	.2	.5	1.2	1.8	.2	.2						4.2	11.7
NNW	.3	1.3	2.6	2.3	.7	.1						7.3	1.1
VARBL													
CALM												5.6	
	8.8	22.8	32.8	26.3	5.2	.3						12....	...8

TOTAL NUMBER OF OBSERVATIONS 899

USAFETAC FORM ... PREVIOUS EDITIONS OF THIS FORM ARE ...

2

...AL CLIMATOLOGY BRANCH
...SFLTAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

...599 STATION | CARSWELL AFB TX STATION NAME | 73-... YEARS | ... MONTH

ALL WEATHER CLASS | ... 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	1.9	4.3	3.6	4.3	.3	.4						14.4	8.6
NNE	.7	1.7	1.2	.7								4.2	7.3
NE	.7	1.1	.3	.1								.1	4.1
ENE	1.0	.7	.2									1.9	3.9
E	1.1	.4	.1									1.7	3.4
ESE	1.0	1.0	.2									3.0	4.2
SE	2.3	3.3	2.3	.7	.1							8.8	6.0
SSE	2.2	4.1	5.1	1.9								13.5	6.6
S	2.3	3.6	4.7	2.7	.8	.1						17.2	7.5
SSW	.6	1.2	.2	.1								2.1	4.3
SW	.5	.2	.2									1.4	4.4
WSW	.2	.1										.4	2.3
W	1.2	1.2	.1									2.5	3.8
WNW	1.3	1.2	.8	.2								3.3	5.3
NW	.9	.7	1.4	.7	.2							3.9	5.1
NNW	.8	1.2	1.1	1.1	.3							4.3	6.7
VARBL													
CALM												14.3	
#													
	17.6	29.7	21.7	12.5	2.2	.2						100.3	5.2

TOTAL NUMBER OF OBSERVATIONS 897

USAFETAC FORM ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72259 CAMPBELL AFB TX 73-82 MAY
STATION STATION NAME YEARS MONTH

ALL WEATHER 1200-1500
CLASS 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	.8	2.7	5.9	5.5	.9	.1						15.9	11.2
NNE	.4	.7	.6	.2								1.9	8.1
NE	.2	1.0	.1									1.4	4.2
ENE	.6	.1										.7	2.0
E	.4	.3										.8	3.7
ESE	1.7	1.2	.1	.1								3.1	4.0
SE	1.4	2.0	2.0	.7								6.2	5.4
SSE	1.3	2.2	3.2	1.6	.3							8.5	7.6
S	2.6	5.2	7.7	3.4	.9	.1						19.9	7.5
SSW	.6	1.3	1.1	.7	.1							3.7	7.4
SW	.4	.3	.2	.1								.9	5.5
WSW	.3	.1	.1									.6	7.2
W	.3	.3		.1	.1							.8	8.3
WNW	.6	1.4	.3	.1		.1						2.5	4.2
NW	1.8	2.1	.9	.3	.3	.1						5.5	6.2
NNW	.4	1.6	1.7	1.3	.3							5.3	7.1
VARBL													
CALM												2.6	
	16.6	24.4	41.1	14.1	2.9	.4						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 679

USAFETAC FORM 0-8M JUL 84 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

23047 (STATION) CARSWELL AFB TX (STATION NAME) 73-6 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	3.2	3.7	5.2	1.2	.1						14.5	6.4
NNE	.5	1.0	1.2	.7	.1	.0						3.5	5.1
NE	.6	.9	.3	.1								1.9	5.0
ENE	.6	.6	.2	.1								1.4	4.5
E	.5	.5	.1									1.5	5.0
ESE	1.1	1.1	.3	.0								2.5	4.2
SE	1.2	2.0	1.6	.4	.1							5.3	5.2
SSE	1.7	3.1	3.6	1.5	.3							10.1	7.4
S	1.3	4.2	5.5	5.2	1.3	.2	.0					17.7	9.1
SSW	.6	1.2	1.3	.9	.2	.1						4.2	8.4
SW	.4	.5	.6	.7	.1							2.3	7.3
WSW	.3	.4	.3	.2	.1							1.4	7.4
W	1.1	.5	.6	.3	.0	.0						2.6	5.7
WNW	1.7	1.4	.7	.2	.1	.0						4.0	5.1
NW	1.0	1.2	1.3	.9	.2	.0						4.5	7.9
NNW	.6	1.4	2.1	2.4	.5	.1						7.1	10.0
VARBL													
CALM												14.5	
	15.6	23.5	23.3	18.3	4.1	.6	.0					23.4	6.5

TOTAL NUMBER OF OBSERVATIONS 7,184

2

...AL CLIMATOLOGY BRANCH
...AFETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

...99 | LAR...ELL AFB TX | 7...-8 | DEC
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | ...00-...00
CLASS | 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	1.2	3.3	4.3	5.4	1.2	.1						16.7	12.4
NNE	.2	1.1	.6	.1								2.0	8.2
NE	.7	1.1	.3									2.1	4.3
ENE		.2	.2									.4	6.0
E	.6	.4										1.1	3.6
ESE	.5	.8		.1								1.5	4.6
SE	1.3	1.4	1.2									4.3	5.1
SSE	2.9	4.1	3.1	1.2								11.3	6.2
S	2.8	5.7	6.1	4.4	.3	.1						19.5	7.7
SSW	1.2	.5	1.5	.9								4.1	7.1
SW	.4	.2	.3	.3								1.2	7.2
WSW	.4	.4	.3	.1								1.2	5.2
W	.6	.7	.3	.3								2.3	5.6
WNW	1.5	.9	.2	.1								3.1	3.6
NW	1.8	2.3	.9	1.3								6.9	5.6
NNW	.3	1.6	2.5	1.8	.5	.3						7.1	11.2
VARBL													
CALM												15.7	
	16.5	26.5	22.1	16.7	2.2	.5						100.4	5.3

TOTAL NUMBER OF OBSERVATIONS ...29

USAFETAC FORM ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

...AL CLIMATOLOGY BRANCH
...ETAC
AI... WEATHER SERVICE/MAC

SURFACE WINDS

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

... 95 STATION | CARSWELL AFB TX STATION NAME | 72-6... YEARS | 2... HOURS

ALL WEATHER 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	1.7	4.1	4.1	5.1	1.3	.7						...6	7.5
NNE	.7	.5	.6	.4	.7							2.9	8.6
NE	.4	.9	.2									1.4	4.4
ENE	.3	.5	.2									.9	5.3
E	.2	.4	.2									.8	4.8
ESE	.2	.3	.3									1.0	4.5
SE	1.3	1.9	1.1	.2								5.1	4.8
SSE	1.9	3.7	2.5	1.1	.1							9.3	6.3
S	3.6	5.4	5.2	2.6	.7							17.6	6.9
SSW	.9	1.2	1.2	1.0	.1							4.5	5.1
SW	.4	.3	.8									1.5	5.9
WSW	.3	.3	.3									1.0	5.7
W	1.3	1.6	.6	.2								3.8	5.4
WNW	1.2	.6	.5									3.2	3.7
NW	1.2	1.7	1.0	1.6		.1						5.4	5.8
NNW	1.1	1.2	2.7	2.4	.5	.1						8.1	7.5
VARBL													
CALM												19.5	
	16.7	24.5	21.4	14.5	2.8	.5						1...2	5.2

TOTAL NUMBER OF OBSERVATIONS 929

...AL CLIMATOLOGY BRANCH
...TAC
A... WEATHER SERVICE/MAC

2

SURFACE WINDS

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

...-99 CARSWELL AFB TX 73-9...
STATION STATION NAME YEARS

MONTH

ALL WEATHER
CLASS

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	.9	3.3	4.6	4.4	1.2	.2						14.5	10.7
NNE	.6	.5	.2	.3	.2							1.8	9.4
NE	.5	.3	.1									.9	7.9
ENE	.6	.2	.1									.9	7.1
E	.9		.4									1.2	6.2
ESE	.3	.1	.3									.8	6.7
SE	1.1	1.1	.0	.3								2.5	5.2
SSE	1.9	3.4	3.0	1.6	.1							10.1	7.8
S	2.7	6.8	3.3	2.3	.5							15.6	8.7
SSW	.5	1.7	1.5	1.1	.2							5.1	7.2
SW	.3	.4	.5	.3								1.5	6.2
WSW	.5	.5	.2	.1								1.3	4.5
W	1.3	1.7	.5	.2	.1							3.7	5.4
WNW	2.4	.5	1.1	.6								4.7	5.4
NW	1.3	2.4	2.0	.5	.1							6.3	6.5
NNW	.5	1.4	1.7	2.2	.8	.2						6.1	7.7
VARBL													
CALM												17.3	
	17.3	25.9	20.5	15.3	3.2	.4						100.1	6.1

TOTAL NUMBER OF OBSERVATIONS ...

USAFETAC FORM ... OBSOLETE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

...STATION CARSWELL AFB TX STATION NAME 77-84 YEARS ...MONTH

ALL WEATHER CLASS ...HOURS

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	1.5	2.7	4.5	5.2	1.7	.1						16.	4.2
NNE	.6	.9	1.1	1.3								4.	7.5
NE	.8	.9	.4	.3	.1							2.	5.3
ENE	.5	1.2	.2		.1							1.	4.1
E	.3	.2	.2									1.7	4.
ESE	.8	.2	.2									1.2	3.
SE	.3	1.4	1.5	.4								3.7	7.
SSE	.9	2.3	3.	1.5	.2	.1						9.	5.
S	1.9	3.4	5.5	4.9	.9	.2						17.2	9.5
SSW	.4	1.2	1.7	1.8	1.2	.3						5.2	11.3
SW	.1	1.3	1.7	1.4	.2							4.7	9.3
WSW	.3	.2	1.2	.6								2.3	7.6
W	.8	.5	1.6	.5								3.4	7.2
WNW	.2	.1	1.6	1.2	.2							3.4	1 .2
NW	.4	1.4	1.4	1.5	.2	.2						5.2	9.5
NNW	.4	2.5	2.6	3.8	1.1	.1						10.5	10.4
VARBL													
CALM												5.9	
	11.3	27.5	33.8	25.7	5.7	1.1						15.2	9.5

TOTAL NUMBER OF OBSERVATIONS 43...

...ETAC ...

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION: CARSWELL AFB TX — STATION NAME — 73-82 YEARS — DEC MONTH

ALL WEATHER — CLASS — CONDITION — 1000-1400 HOURS L.S.T.

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	1.6	2.5	5.1	5.6	1.7	.1						16.7	10.4
NNE	.4	1.4	1.1	1.6	.2							4.8	8.6
NE	.5	.6	.4	.1								1.7	5.6
ENE	.2	.5	.1	.1	.3							1.2	9.3
E	.3	1.3	.1		.2							1.9	7.2
ESE	.2	.2	.5									.9	4.2
SE	.5	1.2	.6	.9								3.2	7.5
SSE	.8	1.9	2.3	1.2	.1	.1						6.6	9.1
S	1.0	1.3	4.7	7.3	2.2	1.2						17.4	12.3
SSW	.2	1.3	1.7	3.9	1.2	.2						8.5	11.9
SW	.2	1.3	1.1	1.2	.5	.1						4.4	10.8
WSW	.2	.6	1.9	.8	.1	.1						3.8	9.6
W	.2	.5	1.8	.8	.1							3.4	8.8
WNW	.1	.4	1.5	1.4	.9							4.3	11.7
NW	1.2	1.1	1.4	1.4	.3							5.5	8.3
NNW	.2	1.2	3.3	5.2	.5	.4						10.9	11.6
VARBL													
CALM												1.7	
	6.9	16.3	37.6	32.2	8.7	2.3						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 226

USAFETAC FORM 0-8 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

SURFACE WINDS

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

CARLSBAD NAS TX — 77-82 YEARS — MONTH

ALL WEATHER — 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	1.7	2.5	5.5	5.0	1.3	.1						.4	4.1
NNE	.5	1.2	1.2	1.1	.1							.4	3.4
NE	.3	.2	.3	.2	.1							.2	3.7
ENE	.2	1.0	.3	.1	.3							.2	3.8
E	.4	1.3	.1	.2								.3	3.2
ESE	.4	.2	.5	.1								.2	3.1
SE	1.2	2.0	1.5	.8								.5	3.2
SSE	.5	2.0	4.7	2.4	.3	.1						1.0	7.1
S	.7	3.2	4.4	6.7	1.3	.2						1.7	7.7
SSW		1.4	1.3	2.2	.3							.5	5.2
SW	.2	.4	1.7	1.2	.1							.4	7.3
WSW	.4	.2	.6	.4	.1							.3	7.6
W	.5	1.0	1.5	.5	.2	.1						.5	8.9
WNW	.1	.5	1.1	.8	.4							.2	10.0
NW	.2	1.2	1.4	1.8	.4							.5	9.2
NNW	1.2	.4	3.3	3.1	.5	.2						.8	10.1
VARBL													
CALM												.7	
	9.7	21.1	33.9	27.7	6.2	1.5							6.4

TOTAL NUMBER OF OBSERVATIONS 229

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

2

SURFACE WINDS

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

...STATION ...CAMPBELL AFB TX STATION NAME ...73-82 YEARS ...D... MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	3.1	5.6	4.1	1.1	.2						15.5	7.2
NNE	.4	1.1	1.2	.6	.2							3.5	9.1
NE	.4	.6	.2	.1								1.4	9.3
ENE	.3	.3	.4									1.0	8.5
E	.5	1.2	.3									2.0	7.4
ESE	1.1	1.4	.3	.1								2.9	7.4
SE	2.3	3.2	3.6	.5								9.6	9.3
SSE	1.6	3.1	4.9	2.1								11.7	7.8
S	2.5	6.4	5.2	3.1	.2							17.4	7.3
SSW	.5	2.1	.8	.2								3.6	5.7
SW	.7	.9	.3	.1								2.0	5.7
WSW	.4	1.1	.4									1.9	4.9
W	.9	1.3	.1									2.3	3.5
WNW	1.3	1.5	.4	.1	.1	.1						3.2	5.1
NW	1.2	2.6	1.4	.3								5.5	7.2
NNW	.5	.5	1.7	2.3	.6	.3	.1					9.3	11.5
VARBL													
CALM												7.5	
	15.9	31.1	26.9	13.5	2.3	.6	.1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 224

USAFETAC FORM ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

TL HAL CLIMATOLOGY BRANCH
USAFETAC
8. WEATHER SERVICE/MAC

SURFACE WINDS

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

12,595 (STATION) | LARS●ELL AFB TX (STATION NAME) | 73-3 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | 1300-2200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	2.2	4.2	5.4	.8	.3						14.2	12.3
NNE	.3	.8	1.4	.3	.3							3.1	9.7
NE	.6	.3	.5	.1								1.5	9.6
ENE		.1	.2									.3	7.5
E	.4	.4										.8	8.3
ESE	.6	1.2	.3	.2								2.4	5.4
SE	1.1	2.4	1.6	.1								5.2	5.4
SSE	1.3	3.2	4.3	1.4	.1							11.3	7.1
S	3.5	5.4	5.2	5.7	.2							20.2	7.2
SSW	.6	1.3	1.7	1.2								4.9	7.8
SW	.3	.3	.6	.1								1.4	6.5
WSW	.5	.8	.5									1.8	5.2
W	1.2	1.1	.1	.1								2.5	5.8
WNW	2.5	1.5	.4	.1								4.5	4.2
NW	1.3	1.5	1.4	.8								5.2	6.5
NNW	.6	.9	2.6	1.7	.3	.3						6.5	10.3
VARBL													
CALM												14.7	
	15.8	24.4	25.3	17.3	1.7	.6						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 925

USAFETAC FORM 0-8-4 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION: [illegible] CARSWELL AFB TX (STATION NAME) 73-82 (YEARS) DEC (MONTH)

CLASS: ALL WEATHER

HOURS (LST): ALL

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	1.2	3.[illegible]	4.7	5.4	1.3	.3						16.[illegible]	[illegible]
NNE	.[illegible]	.9	.9	.5	.1							[illegible].[illegible]	[illegible].[illegible]
NE	.5	.5	.3	.1	.[illegible]							[illegible].[illegible]	[illegible].5
ENE	.4	.4	.2	.[illegible]	.1							1.2	[illegible].[illegible]
E	.6	.7	.2	.[illegible]	.[illegible]							[illegible].[illegible]	4.[illegible]
ESE	.6	.7	.3	.1								[illegible].[illegible]	4.[illegible]
SE	1.1	1.[illegible]	1.5	.4								4.[illegible]	[illegible].[illegible]
SSE	1.5	3.[illegible]	[illegible].5	1.5	.1	.[illegible]						[illegible].7	7.4
S	2.3	4.[illegible]	5.0	4.6	.9	.2						17.[illegible]	8.7
SSW	.5	1.4	1.4	1.[illegible]	.4	.1						[illegible].[illegible]	[illegible].[illegible]
SW	.[illegible]	.6	.5	.7	.1	.[illegible]						[illegible].[illegible]	2.7
WSW	.[illegible]	.[illegible]	.7	.3	.[illegible]	.[illegible]						[illegible].1	6.[illegible]
W	.[illegible]	1.1	.[illegible]	.4	.1	.[illegible]						[illegible].2	[illegible].4
WNW	1.4	.[illegible]	.8	.[illegible]	.[illegible]	.[illegible]						[illegible].[illegible]	[illegible].7
NW	1.1	1.[illegible]	1.4	1.1	.1	.[illegible]						1.5	7.[illegible]
NNW	.[illegible]	1.[illegible]	2.[illegible]	[illegible].9	.6	.[illegible]	.[illegible]					[illegible].[illegible]	1.[illegible]
VARBL													
CALM												11.4	
#													
	19.[illegible]	23.[illegible]	[illegible].4	[illegible].3	4.1	.9	.[illegible]					1[illegible].[illegible]	7.4

TOTAL NUMBER OF OBSERVATIONS 7424

2

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

...95 | CARSWELL AFB TX | 73-84 | ALL
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | ALL
CLASS | 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	2.1	2.4	3.0	3.2	.8	.2	.0					[illegible]	[illegible]
NNE	.5	.6	1.1	.6	.1	.0						[illegible]	[illegible]
NE	.7	1.0	.6	.1	.0	.0						[illegible]	[illegible]
ENE	.6	.8	.4	.1	.0	.0						[illegible]	[illegible]
E	1.1	1.4	.7	.2	.0							[illegible]	[illegible]
ESE	.6	1.4	.9	.2	.0	.0						[illegible]	[illegible]
SE	1.2	2.5	2.5	.8	.1	.0	.0					[illegible]	[illegible]
SSE	2.3	4.2	4.9	2.5	.4	.1	.0					[illegible]	[illegible]
S	2.5	5.5	7.0	5.4	1.2	.2	.0	.0				[illegible]	[illegible]
SSW	.5	1.2	1.5	1.0	.2	.0						[illegible]	[illegible]
SW	.3	.6	.7	.4	.0	.0						[illegible]	[illegible]
WSW	.3	.4	.4	.2	.0	.0	.0					[illegible]	[illegible]
W	.7	.7	.5	.3	.1	.0	.0					[illegible]	[illegible]
WNW	1.0	.7	.4	.3	.1	.0	.0					[illegible]	[illegible]
NW	.7	.9	.7	.6	.2	.0	.0					[illegible]	[illegible]
NNW	.5	.9	1.4	1.5	.4	.2	.0					[illegible]	[illegible]
VARBL	.2			.0								[illegible]	[illegible]
CALM												[illegible]	
	19.1	25.7	30.9	16.9	3.5	.2	.1	.0				[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 67574

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

...AL CLIMATOLOGY BRANCH
...FLTAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

...SE (STATION) CARSWELL AFB TX (STATION NAME) 77-82 (YEARS) ALL (MONTH)

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

CIG ... TO 1400 FT w/ VSBY 1/2 MI OR MORE, (CONDITION)

AND/OR VSBY 1/2 TO 2-1/2 MI w/CIG 200 FT OR MORE

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	1.2	3.1	2.7	2.6	1.1	.2	.					11.0	7.2
NNE	.7	2.	2.3	.9	.1							6.	7.1
NE	.9	1.7	1.1	.4								4.	6.2
ENE	1.1	1.4	.7	.3	.1							3.6	6.7
E	1.3	1.6	1.3	.2								4.7	6.6
ESE	.9	2.	1.3	.5	.1							4.7	6.9
SE	.1	2.6	3.7	1.3	.1	.						9.7	7.1
SSE	1.7	3.4	4.9	2.4	.3	.2						12.6	8.4
S	1.9	3.	4.3	4.5	.6	.2	.2					13.6	8.2
SSW	.3	.	.3	.3	.1							4.4	6.2
SW	.4	.	.2	.1	.2	.2						.9	6.7
WSW	.1	.	.1	.1	.							.	6.7
W	.3	.	.2	.1	.1	.1						1.0	7.4
WNW	.3	.4	.5	.2	.1	.2	.2					1.8	7.7
NW	.5	.3	1.2	1.2	.2	.2						3.5	8.2
NNW	.3	1.	2.3	2.8	.7	.2	.					7.5	1.0
VARBL													
CALM												7.1	
	1.2	24.5	31.8	21.5	3.9	.8	.2					103.1	7.3

TOTAL NUMBER OF OBSERVATIONS 7224

USAFETAC FORM 0-8 (OL 04) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution of hours in which ceilings greater than 22,000 feet and as a separate class "unlimited" ceilings are reported in relation to visibilities equal to or greater than 10 miles. Data are derived from hourly observations and are presented as follows:

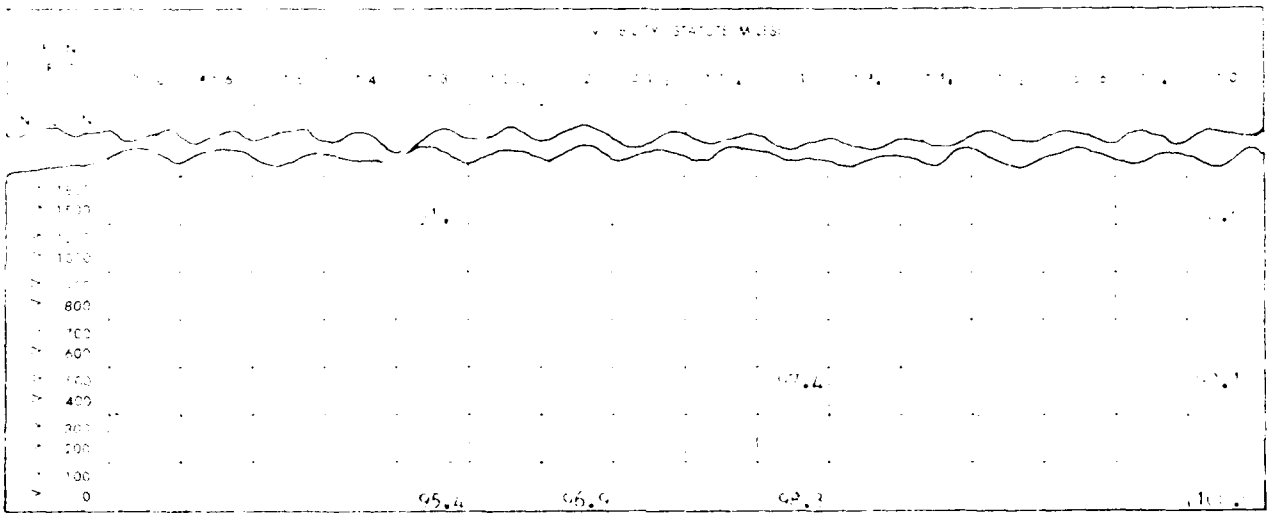
1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referencing to the 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 that 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. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 12,000 feet and higher prior to January 1948. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1948 will be modified to limit ceilings to 10,000 feet. Short period of record prior to 1948 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period prior to June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

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, unless the summary was for a period ending before January 1968.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION



EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0.
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of $\geq$ 1500 feet with $\geq$ 3 miles, subtracted from 97.4 read from the table at the intersection of $\geq$ 500 feet with $\geq$ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling $\geq$ 500 feet with visibility $\geq$ 1 mile, but < 3 miles; or ceiling $\geq$ 500 feet, but < 1500 feet with visibility $\geq$ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

2

CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY

54.9	54.6	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
57.4	57.3	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
57.4	57.3	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
57.4	57.3	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
58.3	57.7	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
58.3	58.3	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
59.8	59.8	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
59.8	59.9	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
61.6	61.9	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
62.1	62.3	62.7	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
63.5	63.6	63.4	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
64.9	64.8	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
66.2	66.3	66.9	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
66.4	67.0	67.5	67.6	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
68.3	68.2	68.7	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
69.9	70.2	70.8	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
73.7	74.5	75.0	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
74.2	75.2	75.9	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
74.8	74.2	75.1	75.6	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.3	76.0	76.0	76.0	76.0	76.0
76.6	76.9	77.5	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
76.8	78.2	79.4	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
82.2	82.2	81.5	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
82.3	82.2	83.7	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9
84.4	83.5	85.4	86.2	86.7	86.9	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
83.7	84.8	87.1	88.2	89.1	89.2	89.5	89.6	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
86.9	86.3	87.7	89.0	90.3	90.4	91.1	91.4	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
88.5	85.5	89.1	89.5	91.6	91.8	92.7	93.0	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
85.4	85.3	89.1	89.5	91.7	91.9	93.3	93.8	93.9	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
85.3	85.3	89.1	89.6	91.9	92.5	94.1	94.9	95.1	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.1
85.5	85.3	89.1	89.6	92.2	92.6	94.5	95.6	95.7	96.5	97.1	97.2	97.3	97.3	97.3	97.4	97.4	97.7
85.8	85.3	89.1	89.6	92.2	92.6	94.5	95.6	95.8	96.7	97.6	97.6	98.1	98.3	98.5	98.5	99.4	
85.8	85.3	89.1	89.6	92.2	92.6	94.5	95.6	95.8	96.8	97.7	97.7	98.2	98.4	98.5	98.7	100.0	

2

CEILING VERSUS VISIBILITY

2

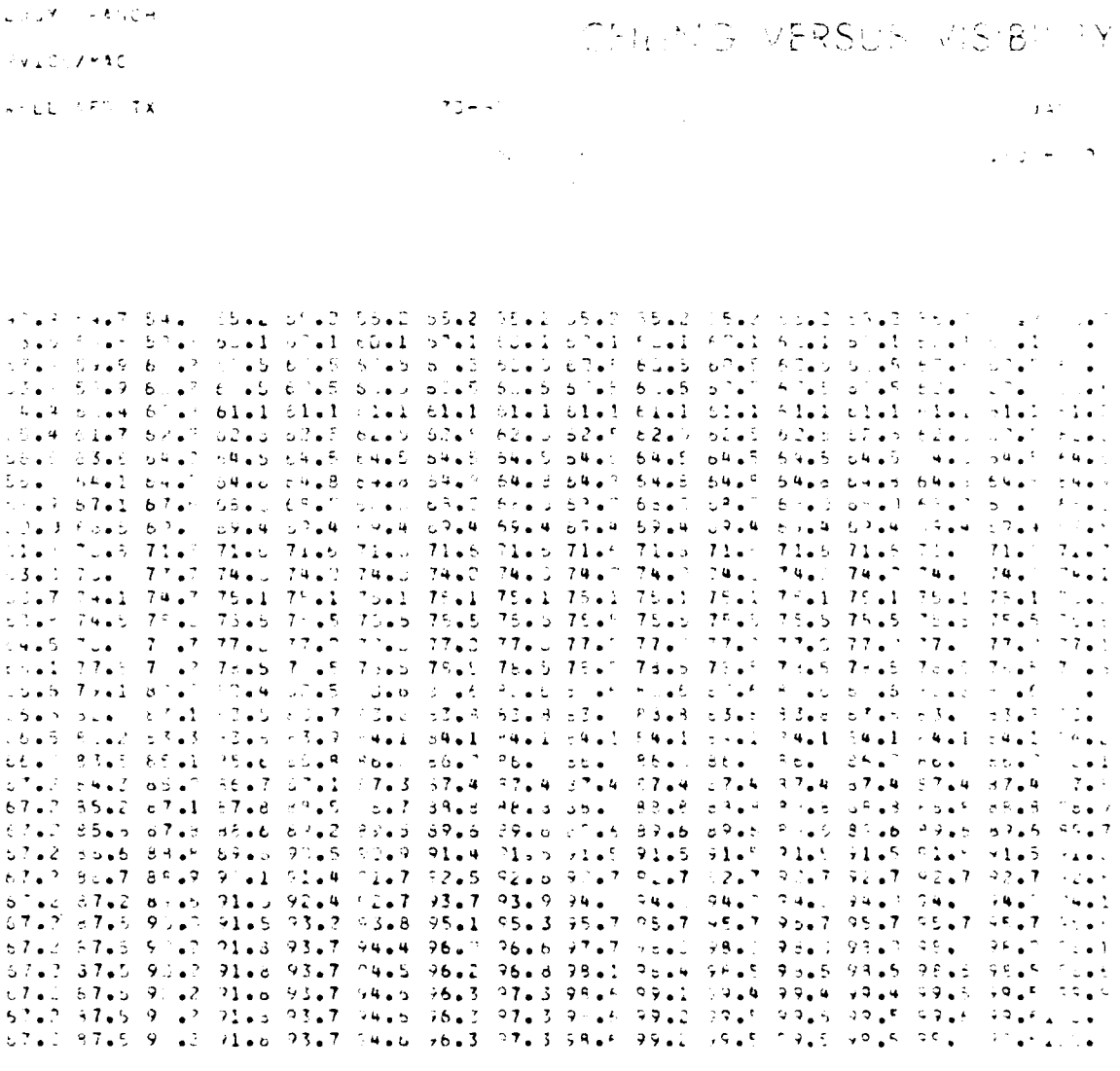
CEILING FRSUS VISIBILITY

2

CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY



2

[illegible]

CEILING VERSUS VISIBILITY

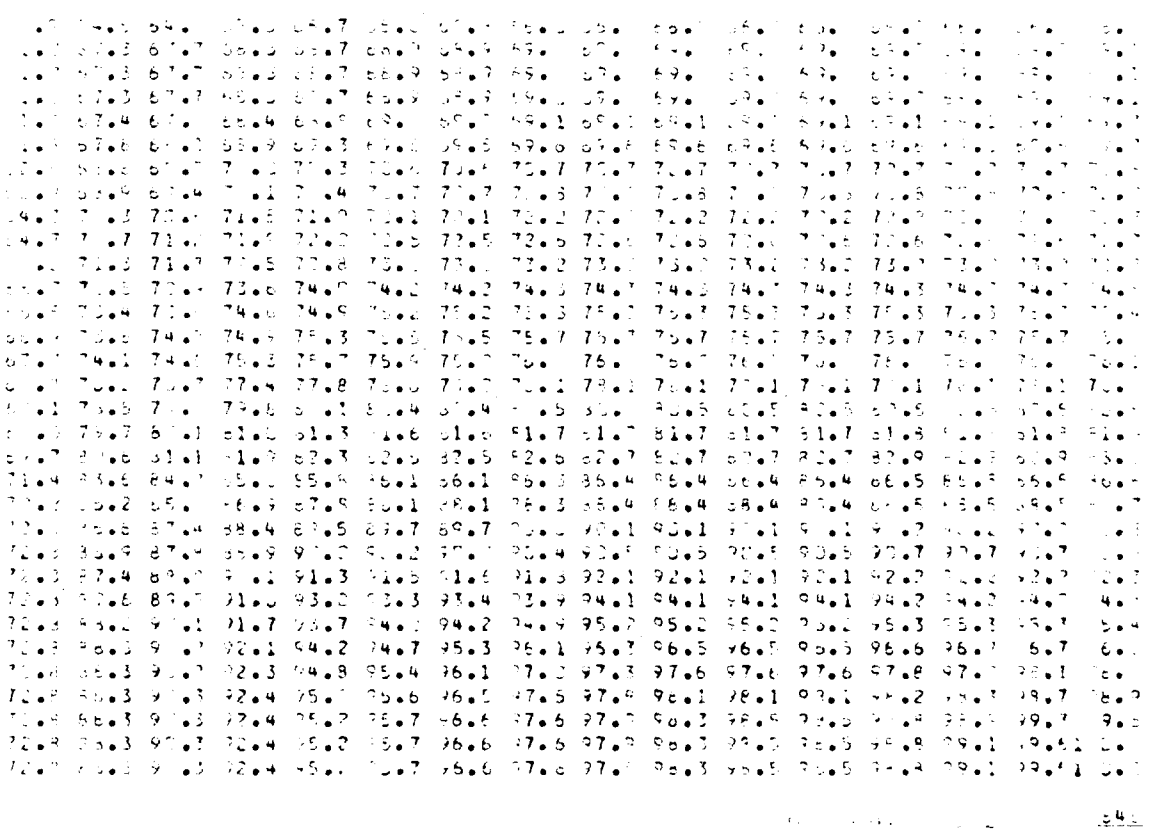
73-

[illegible]	[illegible]	[illegible]	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.7	61.5	61.5	61.5	61.5	[illegible]	61.5	[illegible]
[illegible]	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	[illegible]	61.8	[illegible]
[illegible]	[illegible]	[illegible]	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	[illegible]	61.9	[illegible]
[illegible]	[illegible]	[illegible]	62.2	62.2	62.2	62.2	62.2	[illegible]	62.2	62.2	62.2	62.2	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	[illegible]	[illegible]
[illegible]	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	[illegible]	63.8	[illegible]
[illegible]	63.8	[illegible]	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	[illegible]
[illegible]	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	[illegible]
[illegible]	[illegible]	[illegible]	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	[illegible]	[illegible]
63.5	[illegible]	[illegible]	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
64.5	72.2	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	[illegible]	[illegible]
65.1	72.8	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
66.3	74.7	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	[illegible]
67.[illegible]	76.5	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
[illegible]	78.9	79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	[illegible]
68.5	[illegible]	81.4	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	[illegible]
69.5	81.1	81.6	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	[illegible]
[illegible]	82.9	83.7	83.8	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3
[illegible]	84.4	85.5	85.7	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	[illegible]
[illegible]	85.3	86.6	86.8	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	[illegible]
[illegible]	85.7	87.2	87.5	87.8	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.4
[illegible]	86.6	88.5	88.8	89.1	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	[illegible]
70.3	87.2	89.7	90.1	[illegible]	91.3	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.9
70.5	87.7	90.5	91.1	91.9	92.4	92.8	[illegible]	[illegible]	93.1	93.1	93.1	93.1	93.1	93.1	93.2
70.5	87.7	91.1	91.6	92.9	93.4	94.0	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.9
70.6	87.7	91.3	92.4	[illegible]	94.5	95.2	96.1	96.5	96.8	96.9	96.9	96.9	96.9	96.9	[illegible]
70.6	87.7	91.3	92.4	94.4	95.1	95.8	97.2	97.5	97.8	[illegible]	[illegible]	98.1	98.1	98.1	98.4
70.6	87.7	91.3	92.4	94.5	95.2	95.9	97.4	97.7	98.3	98.4	98.4	98.8	98.8	98.9	99.2
70.6	87.7	91.3	92.4	94.5	95.2	95.9	97.4	97.7	98.3	98.4	98.5	98.9	99.1	99.1	99.6
70.6	87.7	91.7	92.4	94.5	95.2	95.9	97.4	97.7	98.3	98.4	98.5	[illegible]	99.1	99.4	[illegible]

2

CEILING VERSUS VISIBILITY

1.1	57.6	58.4	58.7	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
1.2	59.2	59.4	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
1.3	60.4	60.7	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
1.4	61.5	61.8	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
1.5	62.6	62.9	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
1.6	63.7	64.0	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
1.7	64.8	65.1	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
1.8	65.9	66.2	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
1.9	67.0	67.3	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
2.0	68.1	68.4	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
2.1	69.2	69.5	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
2.2	70.3	70.6	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
2.3	71.4	71.7	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
2.4	72.5	72.8	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
2.5	73.6	73.9	74.1	74.2	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
2.6	74.7	75.0	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
2.7	75.8	76.1	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
2.8	76.9	77.2	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
2.9	78.0	78.3	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
3.0	79.1	79.4	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
3.1	80.2	80.5	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
3.2	81.3	81.6	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
3.3	82.4	82.7	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
3.4	83.5	83.8	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
3.5	84.6	84.9	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
3.6	85.7	86.0	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
3.7	86.8	87.1	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
3.8	87.9	88.2	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
3.9	89.0	89.3	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
4.0	90.1	90.4	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8



2

CEILING VERSUS VISIBILITY

56.7	57.6	58.6	59.2	59.9	58.9	58.4	58.8	59.9	59.1	59.1	59.1	59.1	58.7		
61.4	61.1	62.1	62.4	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.7		
61.4	61.1	62.1	62.4	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.7		
61.4	61.1	62.1	62.4	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.7		
61.4	61.1	62.1	62.4	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.7		
61.1	61.1	62.1	63.1	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.4		
61.1	62.2	63.1	64.1	64.4	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.7		
61.1	62.2	63.1	64.1	64.4	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.7		
61.4	63.6	64.4	65.4	65.7	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	66.0		
61.7	64.1	64.7	65.7	66.2	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.5		
61.7	64.3	64.7	65.9	66.2	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.5		
61.8	66.3	66.9	67.9	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.5		
64.3	66.7	67.7	68.8	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.3		
65.6	67.7	68.8	69.7	69.9	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.3		
66.3	68.3	69.3	70.3	70.5	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.9		
66.5	70.4	71.4	72.4	72.7	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	73.0		
67.8	72.9	74.	75.1	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.7		
68.4	73.6	76.7	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.5		
69.4	77.2	79.3	79.5	79.8	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.1		
69.7	81.4	82.6	83.6	84.1	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.5		
69.9	84.3	85.6	86.7	87.3	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.8		
69.7	85.3	86.6	87.8	88.8	89.1	89.1	89.1	89.1	89.3	89.3	89.3	89.3	89.5		
68.7	85.9	87.3	88.5	89.6	89.9	89.9	89.9	89.9	89.9	90.2	90.2	90.2	90.3		
68.7	86.3	87.8	89.1	90.2	90.5	90.5	90.5	90.5	90.8	90.8	90.8	90.8	90.9		
68.9	86.4	88.	89.7	91.4	91.7	91.7	91.7	91.7	92.1	92.1	92.1	92.1	92.2		
68.9	86.6	88.4	90.2	92.1	92.5	92.7	93.3	93.3	93.3	93.7	93.7	93.7	93.8		
68.9	86.7	88.5	90.4	93.0	93.5	93.8	94.4	94.5	94.7	95.1	95.1	95.1	95.3		
68.9	86.9	89.	91.2	94.4	94.9	95.5	96.2	96.4	96.7	97.4	97.4	97.5	97.8		
68.9	86.9	89.1	91.5	94.8	95.3	95.9	96.7	96.9	97.2	97.9	97.9	98.0	98.1		
68.9	86.9	89.1	91.5	94.9	95.4	96.0	96.8	97.	97.4	98.2	98.3	98.7	98.7	98.9	
68.9	86.9	89.1	91.5	94.9	95.4	96.0	96.8	97.2	97.5	98.5	98.6	98.9	99.1	99.5	
68.9	86.9	89.1	91.5	94.9	95.4	96.0	96.8	97.2	97.5	98.5	98.6	98.9	99.3	99.5	

[illegible] METEOROLOGY BRANCH
[illegible]
2 [illegible] WEATHER SERVICE /MAC

CEILING VERSUS VISIBILITY

[illegible] CAPE HALL AFB TX [illegible]

37.1	47.3	47.1	48.4	49.0	50.1	50.4	51.0	50.5	50.6	50.6	51.0	51.6	51.6	[illegible]	[illegible]	[illegible]	[illegible]
41.3	53.3	55.4	55.2	56.4	56.6	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
41.5	53.7	56.1	56.4	57.0	57.2	57.4	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
41.5	53.8	56.1	56.5	57.1	57.3	57.6	57.7	57.7	57.8	57.9	57.9	57.8	57.8	57.8	57.8	57.8	57.8
41.6	54.6	56.7	57.1	57.7	57.9	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
41.6	54.8	57.1	57.4	58.1	58.3	58.5	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
42.1	55.7	59.1	59.6	60.2	60.4	60.6	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
42.9	57.1	59.7	59.8	60.4	60.6	60.9	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
44.2	58.6	60.9	61.3	62.2	62.4	62.6	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
44.7	59.3	61.8	62.3	63.1	63.5	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.	63.9	63.9	63.9
44.8	59.8	62.3	62.8	63.6	63.9	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
45.6	61.1	63.5	63.9	64.9	65.1	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
46.6	61.3	63.9	64.3	65.2	65.6	65.8	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.	66.1	66.1	66.1
46.7	62.8	65.0	65.5	66.4	66.8	67.0	67.1	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
46.9	63.5	66.	66.4	67.4	67.7	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
47.0	66.2	67.7	68.2	69.1	69.5	69.7	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
48.4	67.5	70.2	70.7	72.0	72.3	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
50.2	69.6	72.7	73.6	75.1	75.4	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.	76.0	76.0	76.0	76.0
50.1	70.0	73.1	74.0	75.5	75.9	76.2	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
51.2	72.1	75.5	76.6	78.7	79.0	79.2	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
51.4	73.8	77.4	79.4	81.1	81.4	81.8	81.9	81.9	82.0	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4
51.9	74.7	78.6	81.1	82.7	83.1	83.5	83.6	83.6	83.8	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.2
52.1	75.2	79.6	83.1	84.9	85.3	85.8	86.1	86.1	86.3	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6
52.2	75.7	80.1	83.9	86.2	86.9	87.6	87.8	87.9	88.3	88.5	88.5	88.9	88.9	88.9	88.9	88.9	88.9
52.2	75.8	80.6	84.6	87.8	88.5	89.4	89.6	90.1	90.3	90.5	90.5	90.7	90.8	90.9	90.9	90.9	90.9
52.2	75.9	80.7	84.8	88.7	89.6	90.6	91.5	91.6	92.0	92.2	92.2	92.6	92.6	92.6	92.6	92.6	92.6
52.2	75.9	80.9	85.0	89.4	91.4	91.8	92.9	93.1	93.5	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1
52.2	76.0	81.0	85.3	89.7	91.8	92.8	94.1	94.6	95.7	96.0	96.0	96.3	96.5	96.5	96.5	96.5	96.5
52.2	76.0	81.0	85.3	89.8	91.3	93.1	94.6	95.5	97.4	97.8	97.9	98.2	98.3	98.6	98.6	98.6	98.6
52.2	76.	81.	85.3	89.8	91.4	93.3	94.8	95.9	97.9	98.2	98.3	99.1	99.2	99.4	99.4	99.4	99.4
52.2	76.	81.	85.3	89.8	91.4	93.3	94.8	95.9	97.9	98.2	98.3	99.1	99.2	99.5	99.6	99.6	99.6
52.2	76.0	81.0	85.3	89.8	91.4	93.3	94.8	95.9	97.9	98.2	98.3	99.1	99.2	99.5	99.6	[illegible]	[illegible]

[illegible]

CEILING VERSUS VISIBILITY

43.1	53.3	57.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.	53.9
61.2	61.2	61.	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.	61.6
62.9	62.3	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.	62.9
63.2	63.2	63.7	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.	63.2
63.6	63.2	63.6	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.	63.8
64.2	64.3	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.	64.9
65.3	65.3	65.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.	66.4
66.2	66.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.	66.7
67.3	67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.	68.3
67.7	69.1	69.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.	68.7
68.7	68.1	69.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.	68.8
69.2	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.	69.7
69.3	69.4	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.	70.2
69.5	71.1	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.	71.9
69.5	71.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.	72.2
69.7	73.1	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.	73.9
69.8	74.9	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.	76.0
69.1	77.0	78.1	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.	78.4
70.7	77.3	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.	78.7
69.9	79.8	81.9	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.	82.4
70.3	81.7	83.1	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.	86.6
69.4	82.3	85.9	87.8	88.8	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.	89.1
69.5	83.5	86.8	89.0	90.5	90.7	90.7	90.8	90.8	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.	91.0
69.6	83.7	87.0	90.2	92.3	92.6	92.6	92.7	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.	93.0
69.6	84.9	87.6	90.6	93.3	93.6	93.6	93.7	93.9	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.	94.1
69.8	83.2	87.7	91.9	94.2	94.6	94.7	94.8	94.9	94.9	95.0	95.0	95.1	95.2	95.2	95.2	95.	95.2
69.5	83.1	89.7	91.5	95.6	96.1	96.7	97.0	97.1	97.3	97.5	97.5	97.5	97.6	97.6	97.6	97.	97.6
69.5	83.1	88.7	91.5	96.7	98.6	97.3	97.9	98.1	98.7	99.2	99.2	99.2	99.3	99.3	99.3	99.	99.3
69.5	83.1	88.2	91.5	96.1	96.7	97.4	98.0	98.5	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.	99.9
69.5	83.1	88.2	91.5	96.1	96.7	97.4	98.0	98.5	99.3	99.5	99.9	99.9	99.9	100.	100.	100.	100.
69.5	83.1	88.2	91.5	96.1	96.7	97.4	98.0	98.5	99.3	99.9	99.9	99.9	100.	100.	100.	100.	100.
69.5	83.1	88.2	91.5	96.1	96.7	97.4	98.0	98.5	99.3	99.9	99.9	99.9	100.	100.	100.	100.	100.

2

[illegible] CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

CARSWELL AFB TX 73-[illegible]

[illegible]	55.8	55.9	55.9	56.1	56.1	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4
[illegible]	64.9	65.	65.1	65.4	65.4	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6
[illegible]	65.2	65.4	65.5	65.7	65.7	65.8	65.8	65.9	65.9	66.	66.	66.	66.	66.	66.
[illegible]	65.6	65.7	65.8	66.1	66.1	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3
[illegible]	66.0	66.1	66.2	66.4	66.4	66.5	66.5	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7
[illegible]	68.0	68.1	68.2	68.4	68.4	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7
61.7	69.4	69.5	69.6	69.9	69.9	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1
61.9	69.6	69.7	69.9	70.1	70.1	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3
63.3	71.2	71.3	71.4	71.6	71.6	71.7	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9
63.3	71.2	71.3	71.4	71.6	71.6	71.7	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9
63.4	71.6	71.9	72.0	72.2	72.2	72.3	72.3	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5
63.4	72.0	72.2	72.3	72.7	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
63.6	72.6	72.9	72.9	73.3	73.3	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.
[illegible]	74.2	74.5	74.6	74.9	74.9	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.
65.7	75.1	75.3	75.4	75.8	75.8	75.9	75.9	75.9	75.9	76.0	76.0	76.	76.	76.	76.
67.1	77.2	77.4	77.5	77.9	77.9	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
67.8	78.7	79.	79.1	79.6	79.6	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9
[illegible]	80.4	80.7	80.9	81.3	81.3	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7
[illegible]	81.2	82.2	82.3	82.9	82.9	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2
70.1	83.2	84.5	85.5	86.2	86.2	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5
70.2	84.4	86.9	88.4	89.6	89.6	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2
70.2	84.6	87.8	90.1	91.8	91.8	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
70.2	84.9	88.4	90.9	92.7	92.7	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
70.2	85.0	88.5	91.6	94.1	94.1	94.7	94.9	94.9	95.0	95.2	95.2	95.2	95.2	95.2	95.2
70.2	85.1	88.9	92.2	94.8	94.8	95.6	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
70.2	85.3	89.2	92.6	95.4	95.6	96.7	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3
70.2	85.3	89.5	93.0	96.3	96.6	98.1	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
70.2	85.5	89.7	93.3	96.6	97.0	98.3	98.9	99.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9
70.2	85.6	89.7	93.3	96.6	97.0	98.3	98.9	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0
70.2	85.6	89.7	93.3	96.6	97.0	98.3	98.9	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0
70.2	85.6	89.7	93.3	96.6	97.0	98.3	98.9	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0
70.2	85.6	89.7	93.3	96.6	97.0	98.3	98.9	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0

2

CEILING VERSUS VISIBILITY

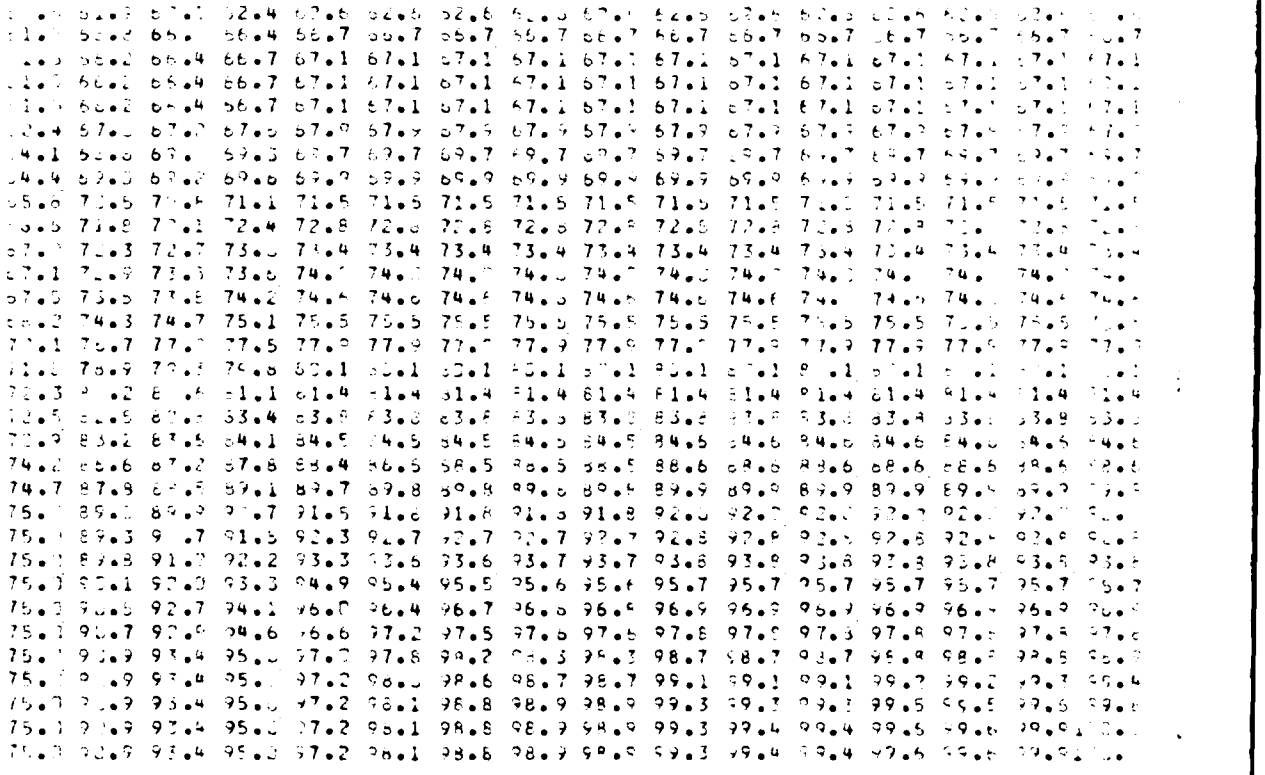
73-[illegible]

[illegible]	[illegible]	[illegible]	59.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	65.7	65.[illegible]	66.[illegible]	67.[illegible]	67.[illegible]	67.	67.[illegible]	67.1	67.1	67.1	67.1	67.1	67.1	67.[illegible]	[illegible]
[illegible]	65.[illegible]	66.[illegible]	66.9	67.1	67.1	67.1	67.1	67.3	67.3	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.	[illegible]
[illegible]	65.5	66.9	66.9	67.1	67.1	67.1	67.1	67.3	67.3	67.3	67.[illegible]	67.3	67.[illegible]	67.[illegible]	[illegible]
[illegible]	66.[illegible]	67.4	67.4	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
[illegible]	[illegible]	[illegible]	69.[illegible]	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	[illegible]
[illegible]	69.7	70.[illegible]	70.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.2	71.2	71.2	71.2	71.2	71.[illegible]	71.[illegible]	[illegible]
[illegible]	69.9	70.[illegible]	70.9	71.2	71.2	71.2	71.2	71.3	71.3	71.[illegible]	71.[illegible]	71.[illegible]	71.	71.[illegible]	[illegible]
[illegible]	71.3	72.7	72.5	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	[illegible]	72.7	[illegible]
[illegible]	71.9	72.9	72.9	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.[illegible]	73.[illegible]	[illegible]
[illegible]	72.[illegible]	73.[illegible]	73.6	73.9	73.9	73.9	73.9	74.[illegible]	74.[illegible]	74.	74.	74.	74.	74.	74.
[illegible]	72.[illegible]	73.9	73.9	74.1	74.1	74.1	74.1	74.2	74.2	74.[illegible]	74.2	74.2	74.[illegible]	74.[illegible]	74.[illegible]
[illegible]	73.5	74.[illegible]	74.[illegible]	74.8	74.8	74.9	74.[illegible]	74.9	74.9	74.9	74.[illegible]	74.[illegible]	74.[illegible]	74.	74.[illegible]
67.5	74.6	75.7	75.7	75.9	75.9	75.9	75.9	76.	76.	76.	76.	76.[illegible]	76.	76.[illegible]	76.
[illegible]	76.[illegible]	77.1	77.1	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.[illegible]
70.7	78.5	79.7	79.7	79.9	79.9	79.9	79.9	80.[illegible]	80.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
71.5	[illegible]	81.7	81.7	82.[illegible]	82.[illegible]	82.2	82.[illegible]	82.3	82.3	82.3	82.3	82.3	[illegible]	[illegible]	[illegible]
71.7	81.[illegible]	83.[illegible]	83.5	84.[illegible]	84.[illegible]	84.2	84.2	84.3	84.3	84.[illegible]	84.3	84.3	84.[illegible]	[illegible]	[illegible]
72.2	83.	84.6	84.6	85.2	85.2	85.3	85.3	85.[illegible]	85.5	85.[illegible]	85.5	85.5	85.[illegible]	85.[illegible]	[illegible]
73.[illegible]	85.6	87.5	88.1	88.8	88.9	89.[illegible]	89.[illegible]	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
73.[illegible]	87.2	89.5	90.7	91.4	91.5	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.[illegible]	91.[illegible]	91.[illegible]
73.6	87.8	90.8	92.2	93.1	93.4	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.[illegible]	[illegible]
73.6	88.1	91.3	92.7	93.6	93.9	94.3	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.[illegible]	94.[illegible]
73.6	88.2	91.6	93.4	94.8	95.[illegible]	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
73.6	88.4	92.3	94.4	96.5	96.7	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
73.6	88.7	92.9	95.3	97.4	97.6	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
73.6	88.7	92.9	95.4	97.5	97.8	98.5	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.[illegible]
73.6	88.7	92.9	95.4	97.6	97.9	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
73.6	88.7	92.[illegible]	95.4	97.6	97.9	98.7	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.[illegible]
73.6	88.7	92.[illegible]	95.4	97.6	97.9	98.7	99.4	99.5	99.6	99.8	99.8	99.8	99.[illegible]	99.[illegible]	99.[illegible]
73.6	88.7	92.9	95.4	97.6	97.9	98.7	99.4	99.5	99.6	99.9	99.8	99.8	99.9	100.0	100.0
73.6	88.7	92.9	95.4	97.6	97.9	98.7	99.4	99.5	99.6	99.[illegible]	99.[illegible]	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 548

2

CEILING VERSUS VISIBILITY



[illegible] AFB TX 73-[illegible]

CEILING VERSUS VISIBILITY

[illegible]	[illegible]	56.7	[illegible]	57.4	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	[illegible]
[illegible]	61.4	62.3	62.7	63.1	63.2	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	[illegible]
[illegible]	61.7	62.6	63.0	63.4	63.5	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	[illegible]
[illegible]	61.6	62.7	63.1	63.5	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	[illegible]
[illegible]	62.1	63.0	63.4	63.8	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	[illegible]
54.7	63.1	64.0	64.4	64.8	64.9	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	[illegible]
55.7	64.6	65.6	66.0	66.3	66.4	66.5	66.5	66.6	66.6	66.7	66.7	66.7	66.7	66.7	[illegible]
[illegible]	64.6	65.7	66.2	66.5	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	[illegible]
[illegible]	66.3	67.2	67.6	68.0	68.1	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	[illegible]
57.6	66.9	67.8	68.3	68.7	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	[illegible]
[illegible]	67.2	68.0	68.7	69.1	69.2	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	[illegible]
[illegible]	[illegible]	[illegible]	69.8	70.2	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6
58.9	68.9	69.9	70.4	70.8	70.9	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2
59.7	69.9	70.9	71.4	71.8	72.0	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
60.4	70.8	71.9	72.4	72.8	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	[illegible]	[illegible]
61.7	72.9	74.0	74.5	74.9	75.1	75.2	75.2	[illegible]	75.2	75.3	75.3	75.3	75.3	75.3	75.3
[illegible]	74.9	76.1	76.6	77.2	77.3	77.5	77.5	77.5	77.5	77.5	77.6	77.6	[illegible]	[illegible]	[illegible]
63.5	77.0	78.2	78.9	79.5	79.6	79.8	79.8	[illegible]	79.9	79.9	79.9	79.9	[illegible]	79.9	[illegible]
63.7	77.5	[illegible]	79.9	80.5	80.6	[illegible]	80.8	[illegible]	80.9	80.9	80.9	80.9	[illegible]	80.9	81.0
64.0	[illegible]	82.4	83.3	84.1	84.2	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	[illegible]
65.3	82.6	84.6	85.9	86.8	87.0	87.2	87.3	87.3	87.3	87.4	87.4	87.5	87.5	87.5	87.5
65.7	83.4	85.8	87.5	88.6	88.9	89.1	89.2	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4
65.9	83.8	86.5	88.4	89.7	89.9	90.2	90.3	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.6
65.5	84.1	87.0	89.2	90.9	91.2	91.6	91.7	91.8	91.9	92.0	92.0	92.0	92.1	92.1	92.1
65.6	84.3	87.5	89.9	92.2	92.6	93.0	93.3	[illegible]	93.5	93.6	93.6	93.6	93.6	93.7	93.7
65.8	84.6	87.9	90.0	93.1	93.6	94.1	94.6	94.7	94.8	94.9	94.9	95.0	[illegible]	[illegible]	95.1
65.6	84.7	88.1	90.6	93.9	94.4	95.3	95.6	[illegible]	96.2	96.4	96.4	96.5	[illegible]	96.5	[illegible]
65.6	84.8	88.3	91.2	94.6	95.2	96.2	96.9	[illegible]	97.6	97.9	97.9	[illegible]	[illegible]	98.1	98.1
65.8	84.8	88.4	91.3	94.7	95.4	96.5	97.3	97.6	98.2	98.5	98.5	98.7	98.7	98.9	[illegible]
65.8	84.8	88.4	91.3	94.8	95.5	96.6	97.4	97.9	98.5	98.9	98.9	99.2	[illegible]	99.4	99.5
65.8	84.8	88.4	91.3	94.8	95.5	96.6	97.4	[illegible]	98.5	98.9	[illegible]	99.2	99.4	99.7	[illegible]
65.8	84.8	88.4	91.3	94.8	95.5	96.6	97.4	97.8	98.5	98.9	99.0	99.2	99.4	99.7	100.0

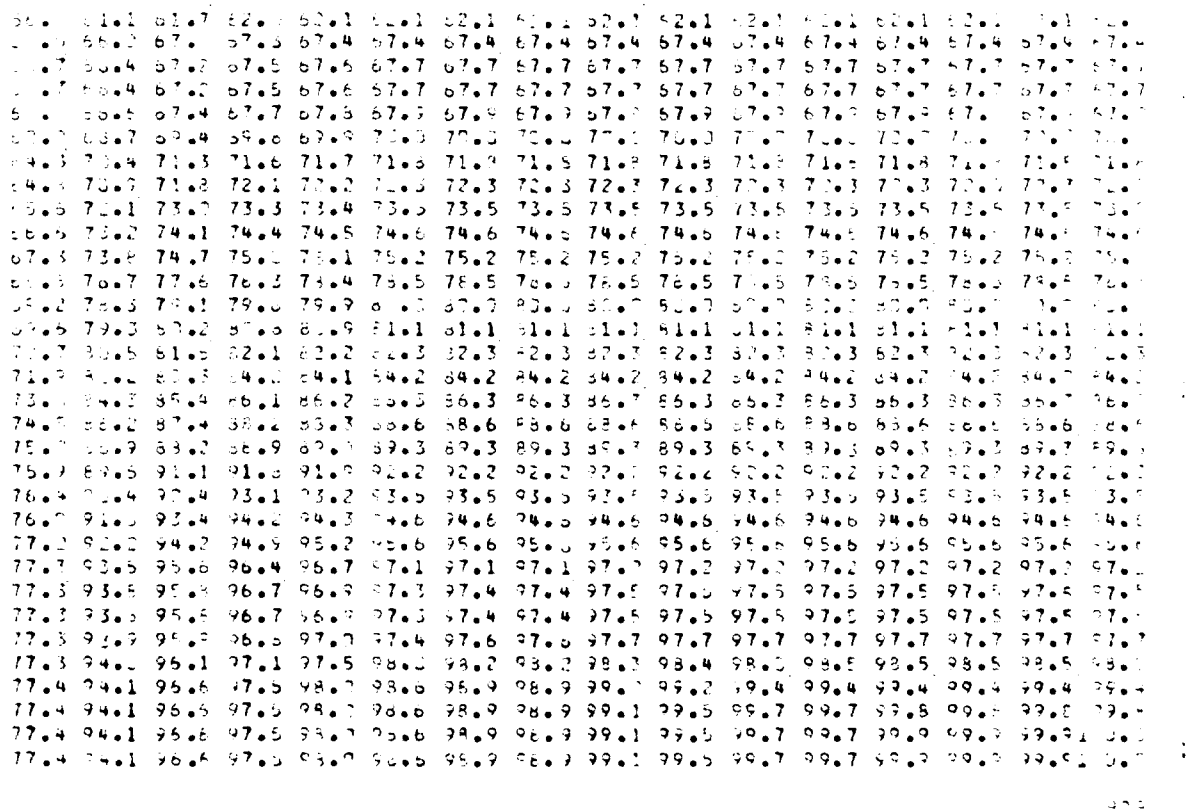
[illegible] 6766

2

CEILING VERSUS VISIBILITY

CARRELL AFB TX

73-87



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

[illegible] SAN ANGELO AFB TX 73-81

CEILING VERSUS VISIBILITY

[illegible]	51.4	51.1	51.5	51.6	51.5	51.6	51.5	51.5	51.5	51.4	51.6	51.5	51.5	[illegible]	[illegible]
[illegible]	56.9	57.5	58.[illegible]	58.3	58.3	58.3	58.3	58.3	58.3	58.[illegible]	58.3	58.[illegible]	58.3	58.[illegible]	[illegible]
[illegible]	57.2	57.8	58.3	58.6	58.6	58.6	58.6	58.6	58.5	58.6	58.6	58.6	58.6	58.6	[illegible]
[illegible]	57.2	57.8	58.3	58.6	58.6	58.6	58.6	58.6	58.5	58.6	58.6	58.6	58.6	58.6	[illegible]
[illegible]	57.6	58.3	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	[illegible]
[illegible]	59.2	59.9	60.3	61.6	61.6	60.6	60.6	60.6	60.6	62.6	62.6	60.6	60.6	60.6	[illegible]
[illegible]	61.9	62.7	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	[illegible]
[illegible]	62.2	62.9	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	[illegible]
[illegible]	63.7	64.4	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	[illegible]
[illegible]	65.1	65.5	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	[illegible]
[illegible]	65.3	66.[illegible]	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	[illegible]
[illegible]	67.7	68.[illegible]	69.[illegible]	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	[illegible]
[illegible]	68.6	69.3	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	[illegible]
[illegible]	69.2	70.1	70.6	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	[illegible]
[illegible]	70.5	71.4	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	[illegible]
[illegible]	71.6	72.4	74.[illegible]	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	[illegible]
[illegible]	72.5	73.[illegible]	77.[illegible]	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	[illegible]
[illegible]	73.4	74.[illegible]	77.6	80.3	81.9	82.9	82.9	82.9	82.9	83.9	83.9	83.9	83.9	83.9	[illegible]
[illegible]	79.9	81.1	81.8	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	[illegible]
[illegible]	84.1	85.1	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	[illegible]
[illegible]	85.1	87.4	88.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	[illegible]
[illegible]	87.7	91.[illegible]	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	[illegible]
[illegible]	88.2	91.[illegible]	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	[illegible]
[illegible]	88.7	91.[illegible]	92.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	[illegible]
[illegible]	89.1	92.7	93.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	[illegible]
[illegible]	89.6	92.4	94.5	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.	[illegible]
[illegible]	89.8	93.7	95.1	96.5	96.5	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.	[illegible]
[illegible]	90.1	94.1	95.8	97.6	97.8	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.	[illegible]
[illegible]	90.1	94.2	96.1	98.2	98.2	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.4	99.4	[illegible]
[illegible]	90.1	94.5	96.2	98.2	98.3	98.9	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
[illegible]	90.1	94.5	96.2	98.2	98.3	98.9	99.6	99.7	99.8	99.8	99.8	99.8	99.[illegible]	[illegible]	[illegible]
[illegible]	90.1	94.5	96.2	98.2	98.3	98.9	99.[illegible]	99.7	99.8	99.8	99.8	99.8	99.[illegible]	[illegible]	[illegible]

2

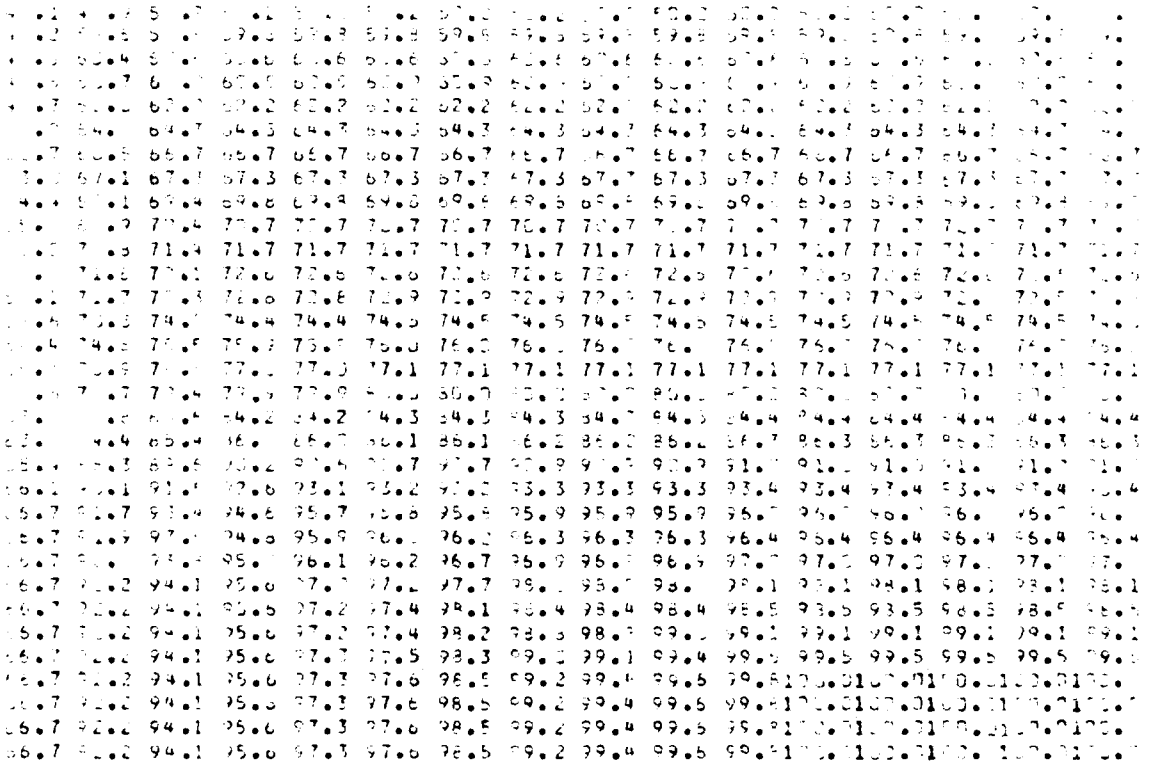
CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY



2

CEILING VERSUS VISIBILITY

4	51	51	52	52	52	52	52	52	52	52	52	52	52	52	52	52
54	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64
65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65
67	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66
68	67	67	67	67	68	68	68	68	68	68	68	68	68	68	68	68
69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69
71	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
71	72	73	72	73	73	73	73	73	73	73	73	73	73	73	73	73
73	74	74	74	74	74	74	75	75	75	75	75	75	75	75	75	75
73	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
73	75	75	75	75	75	75	76	76	76	76	76	76	76	76	76	76
74	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77
75	78	78	78	78	78	79	79	79	79	79	79	79	79	79	79	79
80	79	81	81	81	81	81	81	80	80	80	80	80	80	80	80	80
87	81	81	82	82	82	82	82	82	82	82	82	82	82	82	82	82
87	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
78	85	85	86	86	86	86	86	86	86	86	86	86	86	86	86	86
71	88	88	89	89	89	89	89	89	89	89	89	89	89	89	89	89
72	89	90	90	91	91	91	91	91	91	91	91	91	91	91	91	91
73	91	92	93	93	93	93	93	93	93	93	93	93	93	93	93	93
73	92	93	94	94	94	94	94	94	94	94	94	94	94	94	94	94
73	92	94	95	95	95	95	95	95	95	95	95	95	95	95	95	95
73	92	94	95	96	96	96	97	97	97	97	97	97	97	97	97	97
73	93	94	96	96	96	97	97	97	97	97	97	97	97	97	97	97
73	93	94	96	97	97	97	98	98	98	98	95	98	98	98	98	98
73	93	94	96	97	97	98	98	98	98	98	98	98	98	98	98	98
73	93	94	96	97	97	98	99	99	99	99	99	99	99	99	99	99
73	93	94	96	97	97	98	99	99	99	99	99	99	99	99	99	99
73	93	94	96	97	97	98	99	99	99	99	99	99	99	99	99	99
73	93	94	96	97	97	98	99	99	99	99	99	99	99	99	99	99
73	93	94	96	97	97	98	99	99	99	99	99	99	99	99	99	99

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CEILING VERSUS VISIBILITY

SHEPPARD AFB TX

73-87

47.6	53.6	54.1	54.5	54.7	54.7	55.3	55.5	55.8	55.6	55.6	56.6	55.6	55.[illegible]	55.[illegible]	[illegible]	
55.[illegible]	55.7	54.[illegible]	54.2	54.7	64.7	55.2	65.4	65.4	65.5	65.5	65.5	65.5	65.[illegible]	65.[illegible]	[illegible]	
55.3	54.3	64.7	64.9	65.3	65.3	65.8	66.1	66.1	66.2	66.2	66.2	66.2	66.3	66.2	66.3	[illegible]
57.1	55.3	65.3	65.5	65.9	65.9	66.5	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.[illegible]	66.[illegible]	[illegible]
55.7	65.9	67.[illegible]	67.5	67.9	67.9	68.4	68.6	68.6	68.4	68.6	68.3	68.8	68.8	68.[illegible]	[illegible]	[illegible]
5[illegible].3	65.1	6[illegible].4	6[illegible].6	67.1	69.1	69.6	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.[illegible]	69.[illegible]	69.9
52.6	71.8	72.1	72.3	72.7	72.7	73.3	73.5	73.6	73.6	73.4	73.6	73.4	73.[illegible]	73.[illegible]	73.[illegible]	[illegible]
53.[illegible]	72.4	72.7	73.[illegible]	73.4	73.4	73.9	74.1	74.1	74.2	74.2	74.2	74.2	74.[illegible]	74.[illegible]	74.[illegible]	[illegible]
54.8	74.7	75.[illegible]	75.2	75.6	75.6	76.2	76.4	76.4	76.5	76.5	76.6	76.5	76.6	76.6	76.6	[illegible]
5[illegible].6	7[illegible].6	75.1	76.3	76.7	76.7	77.3	77.5	77.5	77.6	77.6	77.6	77.6	77.[illegible]	77.[illegible]	77.[illegible]	[illegible]
56.1	76.3	76.6	76.6	77.[illegible]	77.3	77.8	78.[illegible]	78.[illegible]	78.1	78.1	78.1	78.1	78.[illegible]	7[illegible].[illegible]	[illegible]	
56.[illegible]	76.1	76.4	76.7	77.1	79.1	79.6	79.6	79.[illegible]	8[illegible].[illegible]	8[illegible].[illegible]	8[illegible].[illegible]	8[illegible].[illegible]	8[illegible].[illegible]	[illegible]	[illegible]	
57.8	79.5	79.8	8[illegible].1	8[illegible].6	8[illegible].6	81.1	81.4	81.4	81.5	81.5	81.5	81.5	81.[illegible]	81.[illegible]	[illegible]	
5[illegible].2	8[illegible].3	8[illegible].6	8[illegible].6	81.4	81.4	81.9	82.1	82.1	82.2	82.2	82.2	82.2	82.[illegible]	82.[illegible]	[illegible]	
58.4	81.6	81.9	82.1	82.7	82.7	83.2	83.4	83.4	83.5	83.5	83.5	83.5	83.[illegible]	83.[illegible]	[illegible]	
7[illegible].[illegible]	83.[illegible]	83.[illegible]	83.5	84.1	84.1	84.6	84.8	84.8	84.9	84.9	84.9	84.9	84.[illegible]	84.[illegible]	[illegible]	
71.[illegible]	85.2	85.4	85.8	86.3	86.3	86.9	87.1	87.1	87.2	87.2	87.2	87.2	87.[illegible]	87.[illegible]	[illegible]	
71.9	86.7	87.2	87.5	88.1	88.1	88.7	88.9	88.9	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	[illegible]		
72.2	87.5	88.1	88.5	89.1	89.1	89.7	89.9	89.9	90.[illegible]	90.[illegible]	90.[illegible]	90.[illegible]	[illegible]	[illegible]		
72.5	89.3	90.[illegible]	90.5	91.2	91.2	91.8	92.[illegible]	92.[illegible]	92.1	92.2	92.2	92.2	92.[illegible]	92.[illegible]	[illegible]	
72.6	9[illegible].[illegible]	9[illegible].9	91.[illegible]	92.5	92.5	93.1	93.3	93.3	93.4	93.5	93.5	93.5	93.[illegible]	93.5	93.[illegible]	
72.6	9[illegible].[illegible]	91.7	93.1	94.0	94.0	94.6	94.8	94.8	94.9	95.[illegible]	95.[illegible]	95.[illegible]	95.[illegible]	95.[illegible]	95.[illegible]	
73.[illegible]	91.1	92.6	93.9	94.8	94.8	95.5	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	
73.1	91.2	93.[illegible]	94.5	95.6	95.7	96.4	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	
73.1	91.3	93.2	94.7	95.9	96.[illegible]	96.8	97.[illegible]	97.[illegible]	97.1	97.2	97.2	97.2	97.2	97.2	97.2	
73.1	91.3	93.3	94.9	96.1	96.2	97.1	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	
73.1	91.4	93.6	95.4	96.7	96.8	97.6	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	
73.1	91.5	93.8	95.5	97.2	97.1	98.2	98.8	99.[illegible]	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
73.1	91.5	93.8	95.5	97.2	97.2	98.3	98.9	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	
73.1	91.5	93.8	95.5	97.[illegible]	97.2	98.3	98.9	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	
73.1	91.5	93.8	95.5	97.2	97.2	98.3	98.9	98.9	99.6	99.7	99.7	99.7	99.7	99.81	99.7	
73.1	91.5	93.8	95.5	97.2	97.2	98.3	98.9	98.9	99.6	99.7	99.7	99.7	99.7	99.81	99.7	

2

CEILING VERSUS VISIBILITY

LARSELL AFB TX

57.8	63.	63.4	63.6	64.0	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
64.5	71.4	71.4	71.6	71.5	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
64.5	70.5	71.0	71.2	71.6	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
64.5	70.5	70.9	71.2	71.6	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
64.8	70.9	71.4	71.6	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
65.0	71.9	72.2	72.6	73.0	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
65.2	74.5	74.9	75.1	75.6	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
67.7	75.1	75.5	75.7	76.1	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
70.4	77.1	77.5	77.7	78.1	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
71.4	78.3	78.5	78.7	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
71.6	78.3	78.7	78.9	79.3	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
73.2	80.5	80.9	81.2	81.7	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
74.1	82.2	82.7	82.9	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
74.4	83.4	83.9	84.1	84.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
75.2	84.4	84.8	85.0	85.6	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
76.1	86.1	86.5	86.9	87.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
76.6	87.4	87.8	88.3	88.8	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
77.3	88.6	89.1	89.6	90.1	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
77.3	89.1	89.7	90.1	90.6	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
78.1	91.7	92.2	92.7	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
78.3	92.0	92.6	93.0	93.5	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
78.3	92.9	93.4	94.3	94.8	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
78.4	93.3	94.0	94.9	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
78.5	94.1	94.7	96.2	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
78.5	94.5	95.2	96.7	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
78.5	94.6	95.4	97.0	97.6	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
78.5	94.8	95.6	97.2	98.0	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
78.5	94.8	95.6	97.2	98.3	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
78.5	94.8	95.6	97.2	98.3	98.4	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
78.5	94.8	95.6	97.2	98.3	98.7	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
78.5	94.8	95.6	97.2	98.3	98.7	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.71	[illegible]	[illegible]
78.5	94.8	95.6	97.2	98.3	98.7	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.71	[illegible]	[illegible]

929

2

CEILING VERSUS VISIBILITY

51.1	51.9	52.	52.7	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.
61.4	61.	61.7	61.9	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.
61.5	61.	61.6	61.5	61.8	61.8	62.	62.	62.	62.	62.	62.	62.	62.	62.	62.
62.0	62.	61.8	61.	61.8	62.	62.	62.2	62.2	62.	62.2	62.2	62.	62.2	62.2	62.
62.7	61.7	62.4	62.7	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.
64.1	63.3	64.1	64.3	64.5	64.6	64.7	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.
66.	66.1	66.9	67.2	67.4	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.
66.3	66.6	67.1	67.1	67.9	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.
67.8	68.4	69.2	69.6	69.8	69.9	70.	70.	70.	70.	70.	70.1	70.1	70.1	70.1	70.
68.4	69.4	70.	70.7	71.	71.0	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.
69.	70.1	71.	71.4	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.	71.
69.	70.	73.	73.5	73.8	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.
69.	70.2	74.1	74.7	75.	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.	75.
71.4	74.3	75.2	75.8	76.2	76.3	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.	76.	76.
72.4	75.6	76.5	77.1	77.5	77.6	77.7	77.8	77.8	77.8	77.9	77.9	77.9	77.	77.	77.
73.5	77.1	78.1	78.7	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.
74.6	79.6	80.4	81.3	81.7	81.8	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.
76.3	81.1	82.7	84.1	84.5	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.
76.7	83.1	84.8	85.1	85.6	85.7	85.9	86.	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.
77.5	84.4	86.4	88.7	89.4	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.
78.3	87.7	89.4	90.5	91.1	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.
78.9	89.0	90.9	92.3	93.1	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.
79.2	89.6	91.4	93.1	94.0	94.2	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.
79.4	90.0	92.3	94.0	95.0	95.3	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.
79.1	91.2	92.7	94.5	95.6	95.9	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.
80.1	90.3	92.8	94.7	95.9	96.2	96.7	96.8	96.9	97.	97.1	97.1	97.1	97.1	97.1	97.
80.1	90.4	93.1	95.0	96.4	96.8	97.4	97.6	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.
81.1	90.5	93.2	95.2	96.9	97.3	98.1	98.6	98.7	98.9	98.9	98.9	98.9	98.9	99.0	99.
80.2	91.5	93.3	95.3	97.0	97.5	98.3	98.9	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.
81.2	91.5	93.3	95.3	97.0	97.5	98.4	98.9	99.1	99.3	99.7	99.7	99.7	99.8	99.8	99.
80.2	91.5	93.3	95.3	97.1	97.5	98.4	99.0	99.1	99.5	99.7	99.7	99.8	99.9	99.9	99.
80.2	91.5	93.3	95.3	97.1	97.5	98.4	99.0	99.1	99.5	99.7	99.8	99.9	99.9	99.9	99.

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

CEILING VERSUS VISIBILITY

[illegible] LAUGHLIN AFB TX [illegible] 73-83 [illegible]

52.7	59.6	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.	60.	[illegible]
63.3	63.3	64.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	[illegible]
63.4	63.6	64.3	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	[illegible]
63.4	63.6	64.3	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	[illegible]
63.7	63.8	64.6	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	[illegible]
63.9	65.1	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	[illegible]
64.7	66.9	67.7	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	[illegible]
65.9	67.1	67.9	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.6	68.6	68.6	68.6	68.6	[illegible]
68.2	69.9	70.8	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	[illegible]
69.2	71.3	72.2	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	[illegible]
69.5	73.4	74.3	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	[illegible]
66.1	74.8	75.7	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	[illegible]
67.1	76.2	77.1	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	[illegible]
68.4	77.6	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	[illegible]
69.1	79.0	80.2	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	[illegible]
71.2	80.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	[illegible]
71.2	82.2	83.6	84.2	84.2	84.2	84.3	84.3	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	[illegible]
73.2	85.2	86.5	87.6	87.6	87.6	87.7	87.7	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	[illegible]
73.9	86.4	88.0	88.8	88.9	88.9	89.0	89.0	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	[illegible]
75.6	88.8	90.7	91.4	91.6	91.6	91.7	91.7	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	[illegible]
76.0	90.0	92.7	92.9	93.0	93.0	93.1	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	[illegible]
76.7	91.2	93.2	94.2	94.3	94.3	94.4	94.4	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	[illegible]
76.9	91.8	94.2	95.3	95.4	95.4	95.6	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	[illegible]
77.1	92.1	94.7	95.9	96.0	96.0	96.1	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	[illegible]
77.1	92.3	94.9	96.4	96.6	96.6	96.8	96.8	97.	97.0	97.1	97.1	97.1	97.1	97.1	97.1	[illegible]
77.1	92.9	95.6	97.2	97.3	97.3	97.6	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	[illegible]
77.2	93.0	95.8	97.4	97.7	97.8	98.0	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	[illegible]
77.3	93.1	95.9	97.6	98.2	98.3	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	[illegible]
77.3	93.1	96.	97.9	98.4	98.9	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	[illegible]
77.3	93.1	96.	97.9	98.4	98.9	99.1	99.4	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	[illegible]
77.3	93.1	96.0	97.9	98.4	98.9	99.1	99.4	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	[illegible]
77.3	93.1	96.0	97.9	98.4	98.9	99.1	99.4	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	[illegible]

[illegible]

CEILING VERSUS VISIBILITY

[illegible]	[illegible]	51.9	52.[illegible]	52.1	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	[illegible]	[illegible]
48.4	54.7	55.6	56.[illegible]	56.2	56.2	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
[illegible]	55.[illegible]	55.9	56.3	56.6	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	[illegible]
46.9	55.4	56.3	56.6	57.0	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	[illegible]
47.[illegible]	55.7	56.6	57.[illegible]	57.2	57.2	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	[illegible]
47.7	56.4	57.3	57.8	58.0	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	[illegible]
48.4	58.[illegible]	58.9	59.3	59.6	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	[illegible]
49.3	58.6	59.4	59.9	6[illegible].1	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	[illegible]
[illegible].7	60.6	61.9	62.4	62.7	62.7	63.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	[illegible]
62.3	62.6	63.9	64.4	64.7	64.7	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]	[illegible]
63.[illegible]	64.3	65.6	66.2	66.6	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	[illegible]
[illegible].2	67.7	68.9	69.6	69.9	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	[illegible]
66.[illegible]	66.9	7[illegible].2	71.2	71.3	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	[illegible]
67.1	70.4	71.9	72.6	72.9	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	[illegible]
68.2	71.6	73.1	73.9	74.2	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	[illegible]
68.6	72.4	73.[illegible]	74.7	75.0	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	[illegible]
[illegible].4	73.4	77.[illegible]	78.0	78.3	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
62.8	76.7	8[illegible].7	81.6	82.2	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
63.6	77.9	81.[illegible]	83.[illegible]	83.7	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
67.3	84.6	86.7	87.9	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
69.1	87.2	89.3	90.6	91.3	91.3	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
69.[illegible]	88.6	90.[illegible]	92.1	92.9	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
69.9	89.6	92.[illegible]	93.3	94.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
7[illegible].6	9[illegible].7	93.[illegible]	94.4	95.2	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
70.9	91.6	94.2	96.0	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	[illegible]
7[illegible].9	91.8	94.4	96.3	97.1	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	[illegible]
7[illegible].9	91.9	94.[illegible]	97.[illegible]	97.9	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	[illegible]
70.9	92.1	95.[illegible]	97.2	98.2	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	[illegible]
70.9	92.1	95.[illegible]	97.2	98.2	98.6	99.[illegible]	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	[illegible]
7[illegible].9	92.1	95.[illegible]	97.2	98.2	98.6	99.[illegible]	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	[illegible]
70.9	92.1	95.[illegible]	97.3	98.2	98.6	99.[illegible]	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	[illegible]
7[illegible].9	92.1	95.[illegible]	97.2	98.2	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	[illegible]	[illegible]

2

CEILING VERSUS VISIBILITY

31.	43.2	44.4	45.6	46.1	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.
32.2	45.3	47.6	48.6	49.1	49.3	49.4	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.
33.3	46.2	47.8	48.8	49.3	49.6	49.7	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.	49.
33.4	46.4	48.0	49.0	49.6	49.8	49.9	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.	50.
33.7	46.7	48.3	49.3	49.9	50.1	50.2	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.	50.
35.	47.9	50.3	51.3	52.3	52.6	52.7	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.	52.
37.1	51.3	54.2	55.2	55.9	56.1	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.	56.
37.3	51.9	54.9	55.8	56.4	56.7	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.	57.
38.9	54.9	57.8	58.8	59.4	59.7	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.	60.
39.9	56.7	59.8	60.8	61.2	61.4	61.6	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.	61.
40.4	57.6	60.4	61.9	62.6	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.	63.
41.0	58.0	63.1	64.6	65.3	65.6	65.8	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.	66.
42.2	60.9	63.9	65.4	66.2	66.4	66.7	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.	67.
42.8	61.7	64.8	66.4	67.2	67.4	67.7	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.	68.
43.2	62.4	65.8	67.4	68.2	68.4	68.8	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.	69.
43.7	64.0	67.6	69.2	70.0	70.2	70.6	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.	71.
44.1	65.6	69.2	70.9	71.8	72.0	72.3	72.7	72.9	72.8	72.8	72.8	72.8	72.8	72.8	72.	72.
44.9	68.4	72.3	74.4	75.3	75.6	75.9	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.	76.
45.6	69.7	73.6	76.0	77.0	77.2	77.6	77.9	78.1	78.0	78.0	78.0	78.0	78.0	78.0	78.	78.
46.4	75.6	80.3	82.6	83.8	84.0	84.4	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.	84.
49.2	78.6	83.9	86.4	88.0	88.4	88.9	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.	89.
49.6	79.6	85.1	87.8	89.3	89.8	90.4	90.9	91.2	91.0	91.0	91.1	91.0	91.0	91.0	91.	91.
49.8	81.2	86.8	88.6	91.1	91.7	91.3	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.	91.
49.8	81.9	86.9	89.8	91.4	92.0	92.8	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.	93.
49.9	81.6	88.2	91.3	93.1	93.7	94.7	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.	95.
49.9	82.3	89.2	92.7	94.6	95.1	96.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.	96.
49.9	82.3	89.3	93.0	95.0	95.6	97.1	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.	98.
49.9	82.3	89.3	93.2	95.4	96.0	97.7	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.	98.
49.9	82.3	89.4	93.3	95.9	96.4	98.2	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.	99.
49.9	82.3	89.4	93.3	95.9	96.4	98.2	99.0	99.2	99.4	99.6	99.6	99.7	99.7	99.9	100.	100.
49.9	82.3	89.4	93.3	95.9	96.4	98.2	99.0	99.2	99.4	99.6	99.6	99.7	99.7	99.9	100.	100.
49.9	82.3	89.4	93.3	95.9	96.4	98.2	99.0	99.2	99.4	99.6	99.6	99.7	99.7	99.9	100.	100.

532

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

[illegible] CARSWELL AFB TX 73-87

CEILING VERSUS VISIBILITY

[illegible]

[illegible]	45.3	45.	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	[illegible]
[illegible].3	51.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	[illegible]
[illegible].4	51.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	[illegible]	[illegible]
[illegible].4	51.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	[illegible]	[illegible]
[illegible].8	51.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	[illegible]	[illegible]
41.6	53.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	[illegible]	[illegible]
43.3	56.3	57.	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	[illegible]
43.7	56.6	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	[illegible]	[illegible]	[illegible]
44.4	60.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	[illegible]	[illegible]	[illegible]
45.9	61.2	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	[illegible]	[illegible]
46.6	62.[illegible]	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	[illegible]	[illegible]	[illegible]
47.3	64.3	65.7	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.[illegible]	[illegible]	[illegible]
47.6	64.7	66.[illegible]	66.1	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	[illegible]	[illegible]	[illegible]
48.1	65.6	67.[illegible]	67.1	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	[illegible]	[illegible]
48.4	67.2	68.7	69.[illegible]	69.0	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	[illegible]	[illegible]
48.9	68.9	70.4	70.6	70.8	70.8	70.9	71.0	71.0	71.1	71.2	71.2	71.2	71.2	[illegible]	[illegible]
49.9	71.6	73.1	73.2	73.4	73.4	73.6	73.7	73.7	73.8	73.9	73.9	73.9	73.9	[illegible]	[illegible]
51.2	75.1	76.[illegible]	77.2	77.4	77.6	77.7	77.8	77.8	77.9	78.0	78.0	78.0	78.0	[illegible]	[illegible]
52.3	77.6	79.3	79.7	79.9	80.0	80.1	80.2	80.2	80.3	80.4	80.4	80.4	80.4	[illegible]	[illegible]
53.3	84.4	87.3	88.[illegible]	88.7	88.8	88.9	89.[illegible]	89.[illegible]	89.1	89.2	89.2	89.2	89.2	[illegible]	[illegible]
53.6	86.6	90.3	91.1	91.9	92.0	92.2	92.3	92.3	92.4	92.6	92.6	92.6	92.6	[illegible]	[illegible]
54.1	87.9	91.6	92.9	93.7	93.9	94.1	94.2	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4
54.1	88.3	92.2	94.[illegible]	94.8	95.0	95.3	95.4	95.6	95.7	95.9	95.6	95.6	95.6	[illegible]	[illegible]
54.1	88.8	92.8	94.6	95.6	95.9	96.3	96.6	96.7	96.8	96.9	96.9	96.9	96.6	96.9	96.9
54.1	89.1	93.2	95.[illegible]	96.1	96.6	97.1	97.6	97.7	97.8	97.8	97.9	97.9	97.9	97.9	[illegible]
54.1	89.1	93.4	95.2	96.4	97.0	97.9	98.3	98.4	98.7	98.8	98.8	98.8	98.[illegible]	[illegible]	[illegible]
54.1	89.2	93.7	95.4	96.9	97.6	98.9	99.4	99.6	99.8	99.9	99.9	99.9	99.9	[illegible]	[illegible]
54.1	89.2	93.7	95.6	97.0	97.7	99.0	99.6	99.7	99.9	100.	100.	100.	100.	[illegible]	[illegible]
54.1	89.2	93.7	95.6	97.0	97.7	99.0	99.6	99.7	99.9	100.	100.	100.	100.	[illegible]	[illegible]
54.1	89.2	93.7	95.6	97.0	97.7	99.0	99.6	99.7	99.9	100.	100.	100.	100.	[illegible]	[illegible]
54.1	89.2	93.7	95.6	97.0	97.7	99.0	99.6	99.7	99.9	100.	100.	100.	100.	[illegible]	[illegible]
54.1	89.2	93.7	95.6	97.0	97.7	99.0	99.6	99.7	99.9	100.	100.	100.	100.	[illegible]	[illegible]

[illegible]

NAVAL CLIMATOLOGY BRANCH
NAVY
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] LARSELL AFB TX 73-80 [illegible]

[illegible] 1200-1400

45.7	48.3	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	[illegible]
48.2	56.[illegible]	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	[illegible]
48.6	56.6	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.
48.9	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
48.9	56.8	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.
[illegible].4	58.8	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.
62.1	61.6	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	[illegible]
62.1	61.8	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	[illegible]
63.3	64.4	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	[illegible]
63.7	65.6	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	[illegible]
64.7	66.9	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	[illegible]
66.[illegible]	68.3	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	[illegible]
66.2	69.[illegible]	69.5	69.9	69.9	69.9	69.9	69.9	70.0	70.[illegible]	70.[illegible]	70.0	70.0	70.0	70.0	70.[illegible]	[illegible]
67.2	71.2	71.[illegible]	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.[illegible]	72.3	[illegible]
69.3	75.6	76.3	76.9	76.9	76.9	76.9	76.9	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	[illegible]
82.[illegible]	81.5	82.3	82.9	82.9	82.9	82.9	83.0	83.[illegible]	83.0	83.[illegible]	83.[illegible]	83.[illegible]	83.[illegible]	83.[illegible]	83.[illegible]	[illegible]
82.5	84.3	85.4	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	[illegible]
84.1	87.4	88.5	89.2	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.
84.4	88.8	89.9	90.5	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	[illegible]
85.1	91.2	92.[illegible]	93.4	93.8	93.9	93.9	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.2	[illegible]
85.5	92.7	94.8	95.8	96.2	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	[illegible]
85.7	93.[illegible]	95.3	96.4	97.0	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	[illegible]
85.7	93.3	95.9	97.0	97.6	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.[illegible]	98.1	[illegible]
85.7	93.4	96.1	97.3	97.9	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	[illegible]
85.7	93.4	96.2	97.4	98.1	98.6	98.9	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	[illegible]
85.7	93.4	96.2	97.6	98.3	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.[illegible]	99.3	[illegible]
85.7	93.5	96.3	97.7	98.4	98.9	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	[illegible]
85.7	93.5	96.3	97.7	98.4	98.9	99.4	99.7	99.9	99.91	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
85.7	93.5	96.3	97.7	98.4	98.9	99.4	99.7	99.9	99.91	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
85.7	93.5	96.3	97.7	98.4	98.9	99.4	99.7	99.9	99.91	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
85.7	93.5	96.3	97.7	98.4	98.9	99.4	99.7	99.9	99.91	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
85.7	93.5	96.3	97.7	98.4	98.9	99.4	99.7	99.9	99.91	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 869

CEILING VERSUS VISIBILITY

...-54 CAMPBELL AFB TX 73-87

45.3	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.4	49.7	49.9	49.9	49.9	49.9	49.9		
58.1	59.1	59.	59.2	59.1	59.1	59.1	59.1	59.3	59.4	59.7	59.7	59.7	59.7	59.7		
58.4	59.3	59.7	59.3	59.4	59.4	59.4	59.4	59.7	59.8	60.0	60.0	60.0	60.0	60.0		
58.6	59.4	59.4	59.4	59.6	59.6	59.6	59.6	59.8	59.9	60.1	60.1	60.1	60.1	60.1		
58.1	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.5	60.7	60.9	60.9	60.9	60.9	60.9		
58.1	61.7	61.7	61.7	61.8	61.8	61.8	61.8	62.0	62.1	62.3	62.3	62.3	62.3	62.3		
57.2	64.4	64.4	64.4	64.6	64.7	64.7	64.7	64.9	65.0	65.2	65.2	65.2	65.2	65.2		
57.3	64.7	64.7	64.7	64.8	64.9	64.9	64.9	65.1	65.2	65.4	65.4	65.4	65.4	65.4		
57.8	66.9	66.9	66.9	69.2	69.3	69.3	69.3	69.6	69.7	69.9	69.9	69.9	69.9	69.9		
61.0	70.8	70.8	70.8	71.1	71.2	71.2	71.2	71.4	71.6	71.8	71.8	71.8	71.8	71.8		
62.1	72.7	72.7	72.7	73.0	73.1	73.1	73.1	73.3	73.4	73.7	73.7	73.7	73.7	73.7		
63.6	75.3	75.4	75.4	75.8	76.0	76.0	76.0	76.2	76.3	76.6	76.6	76.6	76.6	76.6		
64.7	76.7	76.8	76.8	77.1	77.3	77.3	77.3	77.6	77.7	77.9	77.9	77.9	77.9	77.9		
66.3	79.0	79.2	79.2	79.6	79.8	79.8	79.8	80.1	80.1	80.3	80.3	80.3	80.3	80.3		
67.8	82.2	82.4	82.7	83.0	83.2	83.2	83.2	83.4	83.6	83.8	83.8	83.8	83.8	83.8		
69.4	85.2	85.6	85.9	86.2	86.6	86.6	86.6	86.8	86.9	87.1	87.1	87.1	87.1	87.1		
71.2	87.6	88.3	88.7	89.0	89.3	89.3	89.3	89.6	89.7	89.9	89.9	89.9	89.9	89.9		
71.8	91.6	91.3	91.6	92.1	92.4	92.4	92.4	92.7	92.9	93.1	93.1	93.1	93.1	93.1		
71.8	91.3	91.4	92.2	92.6	92.9	92.9	92.9	93.1	93.3	93.6	93.6	93.6	93.6	93.6		
72.3	93.0	93.3	94.7	95.1	95.3	95.4	95.4	95.7	95.9	96.1	96.1	96.1	96.1	96.1		
72.6	93.9	94.7	95.6	95.9	96.2	96.4	96.4	96.7	96.9	97.1	97.1	97.1	97.1	97.1		
72.7	94.1	95.1	96.4	96.8	97.1	97.3	97.3	97.6	97.8	98.0	98.0	98.0	98.0	98.0		
72.7	94.4	95.7	97.1	97.4	97.8	98.0	98.0	98.2	98.4	98.7	98.7	98.7	98.7	98.7		
72.7	94.8	96.	97.4	97.8	98.1	98.3	98.3	98.6	98.9	99.1	99.1	99.1	99.1	99.1		
72.7	94.9	96.2	97.7	98.1	98.5	98.7	98.7	98.9	99.2	99.4	99.4	99.4	99.4	99.4		
72.7	94.9	96.2	97.7	98.1	98.4	98.8	98.8	99.1	99.3	99.6	99.6	99.6	99.6	99.6		
72.7	94.9	96.3	97.8	98.3	98.7	99.0	99.0	99.2	99.6	99.8	99.8	99.8	99.8	99.8		
72.7	94.9	96.3	97.8	98.4	98.9	99.2	99.2	99.4	99.8	100.	100.	100.	100.	100.		
72.7	94.9	96.3	97.8	98.4	98.9	99.2	99.2	99.4	99.8	100.	100.	100.	100.	100.		
72.7	94.9	96.3	97.8	98.4	98.9	99.2	99.2	99.4	99.8	100.	100.	100.	100.	100.		
72.7	94.9	96.3	97.8	98.4	98.9	99.2	99.2	99.4	99.8	100.	100.	100.	100.	100.		
72.7	94.9	96.3	97.8	98.4	98.9	99.2	99.2	99.4	99.8	100.	100.	100.	100.	100.		

CEILING VERSUS VISIBILITY

CARTWELL AFB TX

72-87

	57.1	57.2	57.3	57.4	57.5	57.6	57.8	57.8	57.8	57.7	58.1	58.1	58.1	58.1	58.1	
57.4	58.	58.1	58.2	58.3	58.4	58.5	58.6	58.6	58.6	58.	58.	58.	58.	58.	58.	
57.	58.3	58.4	58.5	58.6	58.7	58.9	58.	58.8	58.	58.8	58.8	58.8	58.8	58.8	58.	
57.9	58.3	58.4	58.5	58.6	58.7	58.9	58.	58.8	58.	58.8	58.8	58.8	58.8	58.8	58.	
	58.2	58.1	58.2	58.3	58.4	58.5	58.6	58.6	58.6	58.	57.	57.	57.	57.	57.	
58.5	58.	58.	58.2	58.3	58.4	58.5	58.6	58.6	58.6	58.	57.	57.	57.	57.	57.	
	71.0	71.	71.2	71.3	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.	71.	
71.3	73.4	73.	73.7	73.9	71.0	71.1	71.1	71.1	71.1	71.2	71.5	71.5	71.5	71.	71.	
73.3	74.2	74.4	74.5	74.6	74.7	74.9	74.9	74.9	75.	75.	75.3	75.3	75.3	75.	75.	
74.3	75.4	75.5	75.6	75.8	75.9	76.1	76.1	76.1	76.2	76.5	76.5	76.5	76.5	76.	76.	
75.3	76.9	77.1	77.2	77.3	77.4	77.5	77.5	77.5	77.5	77.9	78.	78.	78.	78.	78.	
76.1	78.9	79.1	79.3	79.4	79.5	79.6	79.	79.6	79.8	80.1	80.1	80.1	80.1	80.	80.	
67.	81.3	81.5	81.6	81.8	81.9	81.	81.1	81.1	81.1	81.2	81.5	81.5	81.5	81.	81.	
82.1	82.4	82.6	83.1	83.3	83.4	83.5	83.5	83.5	83.6	84.	84.1	84.1	84.	84.	84.	
83.3	83.9	84.1	84.3	84.8	84.9	85.1	85.1	85.1	85.2	85.5	85.6	85.6	85.	85.	85.	
71.7	88.3	88.5	87.1	87.3	87.2	87.3	87.5	87.6	87.7	88.1	88.	88.	88.	88.	88.	
71.6	88.4	89.2	89.5	89.8	89.9	90.1	90.1	90.1	90.2	90.5	90.5	90.5	90.5	90.	90.	
72.4	91.3	91.4	92.1	92.3	92.4	92.7	92.7	92.7	92.9	93.2	93.2	93.2	93.2	93.	93.	
72.8	91.2	92.3	92.7	92.9	93.	93.3	93.3	93.3	93.5	93.7	93.8	93.9	93.9	93.	93.	
73.2	93.1	94.3	95.1	95.3	95.4	95.8	95.8	95.8	96.	96.3	96.3	96.3	96.3	96.	96.	
73.7	93.7	95.2	95.9	96.3	96.4	96.8	96.8	96.8	97.	97.2	97.3	97.4	97.4	97.	97.	
73.1	94.1	95.4	96.0	97.1	97.2	97.6	97.6	97.6	97.8	98.1	98.1	98.2	98.2	98.	98.	
73.3	94.2	95.8	96.9	97.4	97.6	97.9	97.9	97.9	98.1	98.4	98.4	98.6	98.6	98.6	98.	
73.7	94.4	96.1	97.2	97.8	98.1	98.3	98.4	98.4	98.7	99.0	99.0	99.1	99.1	99.1	99.1	
73.3	94.5	96.2	97.3	97.9	98.1	98.4	98.6	98.5	98.9	99.2	99.2	99.3	99.	99.7	99.	
73.3	94.7	96.3	97.4	98.1	98.3	98.7	98.8	98.8	99.1	99.4	99.4	99.6	99.6	99.6	99.	
73.3	94.7	96.3	97.4	98.2	98.6	98.9	99.0	99.0	99.3	99.7	99.7	99.8	99.8	99.8	99.	
73.3	94.7	96.4	97.6	98.3	98.7	99.0	99.1	99.1	99.6	99.9	99.9	100.	100.	100.	100.	
73.3	94.7	96.4	97.6	98.3	98.7	99.	99.1	99.1	99.6	99.9	99.9	100.	100.	100.	100.	
73.3	94.7	96.4	97.6	98.3	98.7	99.	99.1	99.1	99.6	99.9	99.9	100.	100.	100.	100.	
73.3	94.7	96.4	97.6	98.3	98.7	99.	99.1	99.1	99.6	99.9	99.9	100.	100.	100.	100.	
73.3	94.7	96.4	97.6	98.3	98.7	99.	99.1	99.1	99.6	99.9	99.9	100.	100.	100.	100.	

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CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY

LAUGHLIN AFB TX

73-87

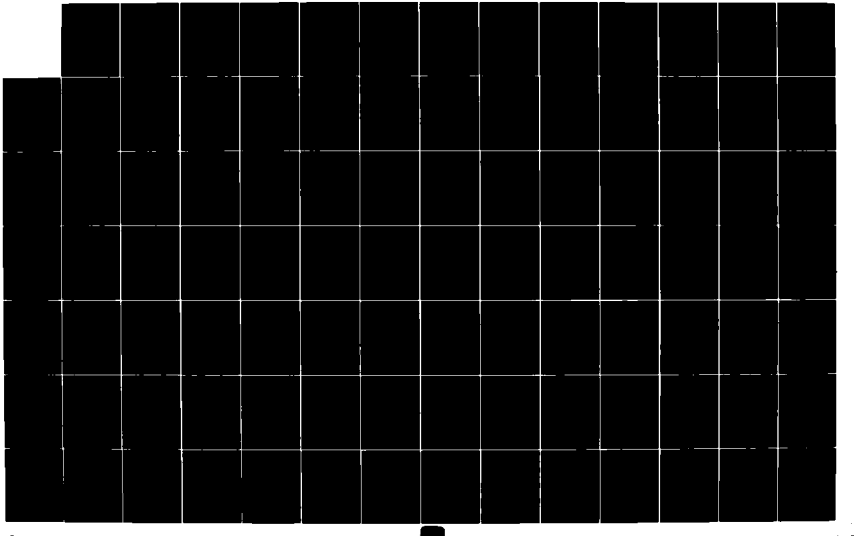
ALL

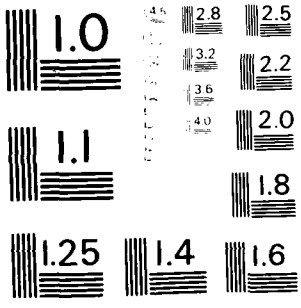
44.0	51.6	57.0	62.7	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
46.7	57.6	58.4	58.7	58.9	58.9	59.0	59.0	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2
47.4	57.9	58.7	59.0	59.2	59.2	59.3	59.3	59.3	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5
49.5	58.1	58.8	59.1	59.3	59.3	59.4	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6
49.8	58.4	59.1	59.5	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9
50.3	59.0	60.2	61.1	61.3	61.3	61.4	61.4	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6
52.4	62.3	63.1	63.4	63.5	63.7	63.7	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9
62.7	63.7	63.9	63.9	64.0	64.0	64.1	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
64.5	65.4	66.7	67.1	67.3	67.5	67.4	67.4	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6
65.6	67.3	68.2	68.6	68.8	68.9	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
66.7	68.9	69.7	70.2	70.4	70.5	70.6	70.6	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8
67.1	72.1	72.7	72.5	72.8	72.8	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
68.6	74.1	73.	73.5	73.8	73.9	74.0	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
69.7	73.8	74.3	75.4	75.7	75.7	75.8	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
69.7	75.6	76.7	77.4	77.7	77.8	77.9	78.0	78.	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
69.8	78.0	79.3	79.9	80.2	80.3	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
72.9	80.2	81.7	82.3	82.6	82.7	82.9	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
74.4	83.2	84.9	85.6	85.9	86.0	86.2	86.3	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
74.5	84.3	85.9	86.7	87.1	87.2	87.4	87.4	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
76.4	87.6	89.	90.6	91.3	91.4	91.6	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
76.6	89.5	91.7	92.6	93.4	93.6	93.7	93.9	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
77.2	90.2	92.6	93.9	94.6	94.8	95.1	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
77.4	90.8	93.3	94.7	95.4	95.6	95.9	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
77.5	91.2	93.6	95.4	96.1	96.4	96.7	96.8	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
77.5	91.6	94.4	96.3	96.8	97.1	97.5	97.6	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
77.6	91.8	94.7	96.4	97.3	97.6	98.1	98.3	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
77.6	91.9	94.9	96.7	97.7	98.1	98.6	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
77.6	92.0	95.1	96.9	97.9	98.3	98.9	99.2	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
77.6	92.0	95.1	96.9	98.0	98.4	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
77.6	92.1	95.2	96.9	98.0	98.4	99.1	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
77.6	92.1	95.2	96.9	98.0	98.4	99.1	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
77.6	92.1	95.2	96.9	98.0	98.4	99.1	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9

AD-A131 193 CARSWELL AFB TEXAS REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATION..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAY 83

UNCLASSIFIED USAFETAC/DS-83/020 SBI-AD-E850 398 F/G 4/2 NL

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963

2

CEILING VERSUS VISIBILITY

MAY

2

CEILING VERSUS VISIBILITY

SAN ANGELO AFB TX

73-05

4.0	52.0	52.0	52.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
4.1	54.7	57.7	57.7	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
4.2	57.2	57.2	57.3	57.5	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
4.3	57.3	57.3	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
4.3	57.1	57.4	58.4	58.7	58.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
4.7	58.6	58.1	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
5.0	62.3	62.4	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
5.4	62.4	62.4	63.6	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
5.4	67.3	67.5	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
5.4	67.6	67.6	68.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
5.8	68.2	68.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
6.4	69.5	7 .5	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
6.4	7 .8	71.8	72.5	72.9	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
6.5	72.2	72.2	73.9	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
6.7	74.6	75.5	76.5	76.9	77.2	77.2	77.2	77.	77.2	77.2	77.	77.2	77.	77.2	77.	77.
6.5	77.2	77.5	78.8	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
6.8	79.5	8 .5	81.3	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
6.9	83.2	84.2	85.3	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
7.0	83.7	84.2	85.2	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
8.3	86.7	89.4	89.6	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
8.4	86.7	91.2	92.3	92.7	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
8.5	91.2	93.2	94.6	95.1	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
8.6	92.4	94.6	96.2	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
8.7	92.9	95.1	96.5	96.9	97.	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
8.7	93.4	95.7	97.1	97.6	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
8.7	93.5	96.1	97.6	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
8.7	93.6	96.2	98.2	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
8.7	93.9	96.6	98.4	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
8.7	93.9	96.7	98.5	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
8.7	93.9	96.7	98.5	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
8.7	93.9	96.7	98.5	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
8.7	93.9	96.7	98.5	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

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CEILING VERSUS VISIBILITY

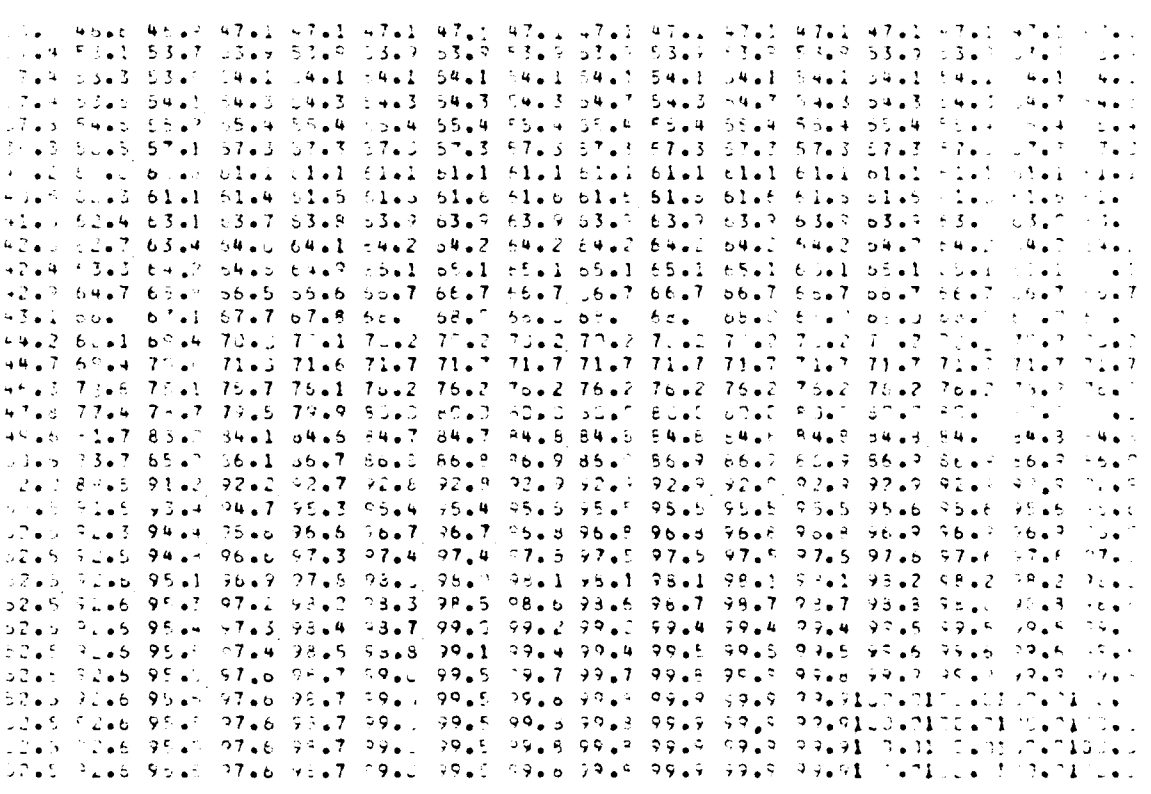
SHEPPARD AFB TX

73-

MAY

45.3	45.4	41.[illegible]	42.9	43.8	44.[illegible]	44.5	44.[illegible]	44.[illegible]	44.5	44.5	44.[illegible]	44.[illegible]	44.[illegible]	[illegible]	[illegible]	[illegible]
47.4	48.[illegible]	49.6	51.8	51.8	52.2	52.5	52.[illegible]	52.5	52.6	52.[illegible]	52.[illegible]	52.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
47.6	48.3	50.7	51.2	52.3	52.6	53.[illegible]	53.[illegible]	53.[illegible]	53.[illegible]	53.[illegible]	53.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
47.7	48.6	50.[illegible]	51.4	52.5	52.8	53.2	53.2	53.2	53.2	53.[illegible]	53.[illegible]	53.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
47.3	47.3	51.[illegible]	52.2	53.2	53.5	54.[illegible]	54.[illegible]	54.[illegible]	54.[illegible]	54.[illegible]	54.[illegible]	54.[illegible]	54.[illegible]	[illegible]	[illegible]	[illegible]
47.7	48.7	52.6	53.6	54.9	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	[illegible]	[illegible]	[illegible]
51.7	52.9	56.[illegible]	58.1	59.2	59.6	60.[illegible]	60.[illegible]	60.[illegible]	60.2	60.[illegible]	60.[illegible]	60.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
51.3	53.2	57.1	58.4	59.6	59.9	60.[illegible]	60.3	60.[illegible]	60.3	60.[illegible]	60.[illegible]	60.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
52.1	56.2	60.2	61.[illegible]	63.2	63.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	[illegible]	[illegible]	[illegible]
53.7	56.[illegible]	61.[illegible]	62.[illegible]	63.8	64.2	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	[illegible]	[illegible]	[illegible]
53.1	57.1	61.1	62.[illegible]	64.1	64.5	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	[illegible]	[illegible]	[illegible]
53.2	57.5	61.[illegible]	63.[illegible]	64.8	65.[illegible]	65.[illegible]	65.[illegible]	65.8	65.9	65.[illegible]	65.[illegible]	65.8	65.8	65.[illegible]	65.[illegible]	[illegible]
53.2	57.4	62.7	64.6	65.9	66.3	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	[illegible]
53.7	59.5	63.[illegible]	65.[illegible]	67.2	67.6	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	[illegible]
54.5	60.6	63.2	67.2	68.6	69.[illegible]	69.8	69.8	69.[illegible]	69.[illegible]	69.[illegible]	69.8	69.8	69.8	69.[illegible]	69.[illegible]	[illegible]
55.4	62.7	67.3	69.5	70.9	71.3	72.2	72.3	72.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]	[illegible]
56.3	63.5	70.[illegible]	73.[illegible]	74.5	74.9	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.[illegible]	75.[illegible]	[illegible]
57.2	64.9	74.[illegible]	77.4	79.1	79.6	80.5	80.5	80.[illegible]	80.5	80.5	80.5	80.6	80.6	[illegible]	[illegible]	[illegible]
57.6	7[illegible].4	75.5	79.1	[illegible].[illegible]	[illegible].5	82.3	82.3	82.[illegible]	82.[illegible]	82.[illegible]	82.3	82.4	82.4	[illegible]	[illegible]	[illegible]
58.7	74.4	81.[illegible]	84.1	[illegible].1	[illegible].[illegible]	87.6	87.[illegible]	87.[illegible]	87.6	87.6	87.6	87.7	87.7	87.7	87.7	[illegible]
59.[illegible]	76.3	83.4	87.[illegible]	89.9	[illegible].[illegible]	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	[illegible]	[illegible]	[illegible]
62.[illegible]	77.7	85.[illegible]	89.2	92.[illegible]	92.[illegible]	93.9	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.1	94.1	94.1	94.2	[illegible]
62.1	78.4	85.[illegible]	90.1	93.[illegible]	93.7	94.7	94.[illegible]	94.[illegible]	94.6	94.6	94.8	94.9	94.9	94.[illegible]	[illegible]	[illegible]
62.1	78.9	86.5	91.[illegible]	94.2	94.[illegible]	95.9	96.[illegible]	96.[illegible]	96.[illegible]	96.[illegible]	96.[illegible]	96.[illegible]	96.1	96.1	[illegible]	[illegible]
62.[illegible]	79.4	86.[illegible]	91.8	95.2	95.9	97.1	97.2	97.[illegible]	97.2	97.2	97.2	97.3	97.[illegible]	97.[illegible]	97.[illegible]	[illegible]
62.3	79.8	87.3	92.3	95.9	96.9	98.3	98.4	98.4	98.4	98.4	98.4	98.[illegible]	98.[illegible]	98.[illegible]	[illegible]	[illegible]
62.3	79.8	87.[illegible]	92.[illegible]	96.7	97.6	99.1	99.[illegible]	99.[illegible]	99.2	99.2	99.2	99.4	99.4	[illegible]	[illegible]	[illegible]
[illegible].3	[illegible].[illegible]	87.7	93.[illegible]	97.[illegible]	98.[illegible]	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	[illegible]	[illegible]
63.3	80.[illegible]	87.7	93.[illegible]	97.[illegible]	98.[illegible]	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.[illegible]	[illegible]
63.3	80.[illegible]	87.7	93.[illegible]	97.[illegible]	98.[illegible]	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	[illegible]	[illegible]
63.3	80.[illegible]	87.7	93.[illegible]	97.[illegible]	98.[illegible]	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	[illegible]	[illegible]

CEILING VERSUS VISIBILITY



2

CEILING VERSUS VISIBILITY

CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY

65.7	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
69.2	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
84.9	85.0	85.7	85.7	85.7	85.7	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
87.7	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
90.2	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
91.1	92.0	92.4	92.4	92.7	92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0
92.4	93.0	93.5	93.5	93.9	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3
92.7	93.6	94.2	94.5	94.6	94.7	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3
94.1	94.2	94.7	95.3	95.4	95.5	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.1
94.5	96.0	96.7	97.2	97.3	97.4	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0
94.7	96.7	97.4	98.0	98.1	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
94.9	96.9	97.8	98.4	98.5	98.6	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
95.2	97.1	98.1	98.6	98.7	98.8	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
95.5	97.4	98.4	98.9	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
95.5	97.4	98.4	98.9	99.1	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
95.5	97.4	98.4	99.0	99.2	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.91	100.	
95.5	97.4	98.4	99.0	99.2	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.91	100.	
95.5	97.4	98.4	99.0	99.2	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.91	100.	
95.5	97.4	98.4	99.0	99.2	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.91	100.	
95.5	97.4	98.4	99.0	99.2	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.91	100.	
95.5	97.4	98.4	99.0	99.2	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.91	100.	

2

CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY

CARSWELL AFB TX — 73-8?

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.1	55.1	[illegible]	55.1	55.1	55.1	55.1	[illegible]	[illegible]	[illegible]
[illegible]	61.1	[illegible]	62.1	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	61.3	6?.1	62.4	62.5	62.5	62.6	62.7	62.7	62.7	[illegible]	62.7	62.7	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	62.5	62.7	62.7	62.?	62.8	62.8	62.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	62.3	63.?	63.3	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	[illegible]	[illegible]	[illegible]
[illegible]	63.9	64.7	65.0	65.2	65.2	65.3	65.3	65.3	65.3	65.?	65.3	65.?	[illegible]	[illegible]	[illegible]
[illegible]	67.6	[illegible]	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	[illegible]	[illegible]	[illegible]
65.?	67.9	68.7	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	[illegible]
66.	71.6	71.?	72.1	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	[illegible]	[illegible]	[illegible]
66.?	71.2	72.?	72.5	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	[illegible]	[illegible]	[illegible]
[illegible]	72.1	72.?	73.5	73.7	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.?	73.?	[illegible]
[illegible]	73.7	74.6	75.1	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	[illegible]
[illegible]	74.9	76.	76.5	76.8	76.9	77.?	77.0	77.?	77.?	77.?	77.?	77.?	77.?	77.?	77.
[illegible]	77.4	78.5	79.1	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	7?.7
[illegible]	79.6	80.?	81.4	81.8	81.9	82.?	82.?	82.?	82.?	82.	82.?	82.?	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	84.	84.6	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	[illegible]
[illegible]	84.6	85.1	86.6	87.3	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	[illegible]
64.?	87.1	8?.?	89.6	90.1	90.3	9?.4	90.5	90.5	90.5	90.6	90.6	90.6	[illegible]	[illegible]	[illegible]
65.1	87.8	89.?	9?.4	91.?	91.1	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	[illegible]
65.?	9?.2	92.3	93.3	93.9	94.?	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
66.3	91.4	93.7	94.6	95.6	95.8	96.?	96.?	96.?	96.1	96.1	96.1	96.1	96.1	96.1	96.?
66.7	92.3	94.7	96.0	96.8	97.0	97.3	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.?
66.?	92.7	95.3	96.7	97.4	97.6	97.9	97.9	97.?	98.?	98.	98.?	98.1	98.1	98.1	98.1
67.	93.1	95.7	97.1	98.0	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7
67.?	93.3	95.?	97.4	98.4	98.5	98.9	98.9	99.?	99.0	99.1	99.1	99.1	99.1	99.1	99.1
67.1	93.3	96.	97.6	98.6	98.9	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.?
67.1	93.4	96.?	97.8	98.9	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.
67.1	93.4	96.3	97.9	99.0	99.3	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	[illegible]
67.1	93.4	96.3	97.9	99.0	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	[illegible]
67.1	93.4	96.3	97.9	99.0	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	[illegible]
67.1	93.4	96.3	97.9	99.0	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	[illegible]

2

CEILING VERSUS VISIBILITY

CARSWELL AFB TX

6 .6	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	77.4	7 .4	
73.9	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	4.4		
74.	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	1.6		
74.	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	1.6		
74.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0			
75.3	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2			
77.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3			
77.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4			
78.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.	87.			
79.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8			
81.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7			
81.2	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7			
81.9	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7			
82.4	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0			
83.1	93.3	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6			
83.6	94.0	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3			
84.	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.			
84.8	95.7	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	
84.9	95.7	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	
85.4	96.7	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	
86.1	97.3	97.4	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	
86.7	97.9	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	
86.8	98.1	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	
87.1	98.8	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	
87.2	99.0	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	
87.3	99.1	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	
87.3	99.1	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
87.3	99.1	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
87.3	99.1	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
87.3	99.1	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
87.3	99.1	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	

[illegible] METEOROLOGY BRANCH

2 [illegible] WEATHER SERVICE/MAC

[illegible] LAREDO AFB TX 73-80 [illegible]

CEILING VERSUS VISIBILITY

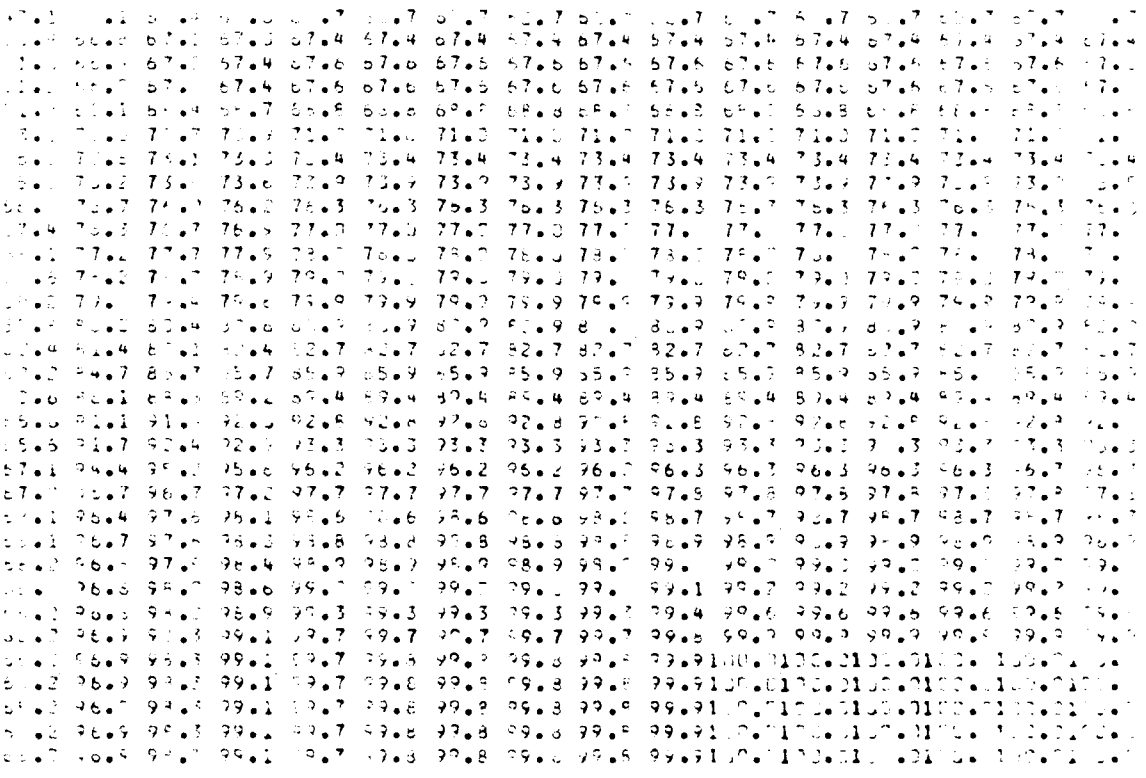
[illegible]	64.	64.9	64.6	65.	65.	65.	65.	65.	65.1	65.1	65.1	65.1	65.1	65.	[illegible]
[illegible]	72.4	73.2	73.3	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	[illegible]
[illegible]	72.6	73.3	73.4	73.7	73.7	73.7	73.7	73.7	73.6	73.6	73.6	73.8	73.	73.	[illegible]
[illegible]	72.6	73.3	73.4	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.	73.	[illegible]
[illegible]	72.9	73.7	73.8	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	[illegible]
75.3	76.1	76.9	76.0	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	[illegible]
77.4	77.9	78.7	78.8	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	[illegible]
78.1	78.4	79.2	79.3	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	[illegible]
78.3	79.9	80.7	80.8	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	[illegible]
78.3	80.7	81.4	81.6	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	[illegible]
78.7	81.7	82.6	82.7	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.	83.0	83.	83.	[illegible]
78.1	84.1	85.	85.2	85.4	85.4	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	[illegible]
[illegible]	85.	85.9	86.1	86.3	86.3	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	[illegible]
79.3	85.4	86.3	86.6	86.8	86.8	86.9	86.9	86.9	87.	87.	87.	87.	87.	87.	[illegible]
79.3	86.2	87.1	87.3	87.6	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	[illegible]
79.2	87.8	88.7	88.9	89.2	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	[illegible]
79.8	89.	89.9	90.2	90.6	90.7	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	[illegible]
79.4	90.3	91.1	91.6	91.9	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	[illegible]
79.9	90.6	91.7	92.1	92.4	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	[illegible]
74.6	92.4	94.3	94.6	94.9	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	[illegible]
70.4	93.5	95.4	96.0	96.3	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	[illegible]
75.9	94.6	96.3	96.9	97.2	97.3	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	[illegible]
76.2	95.3	97.1	97.7	98.0	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	[illegible]
76.3	95.6	97.3	97.9	98.2	98.3	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	[illegible]
76.3	95.7	97.6	98.1	98.4	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	[illegible]
76.5	96.1	98.0	98.6	98.9	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	[illegible]
76.6	96.2	98.2	98.8	99.1	99.2	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	[illegible]
76.6	96.2	98.2	98.9	99.2	99.3	99.7	99.8	99.9	100.	100.	100.	100.	100.	100.	[illegible]
76.6	96.2	98.2	98.9	99.2	99.3	99.7	99.8	99.9	100.	100.	100.	100.	100.	100.	[illegible]
76.6	96.2	98.2	98.9	99.2	99.3	99.7	99.8	99.9	100.	100.	100.	100.	100.	100.	[illegible]
76.6	96.2	98.2	98.9	99.2	99.3	99.7	99.8	99.9	100.	100.	100.	100.	100.	100.	[illegible]
76.6	96.2	98.2	98.9	99.2	99.3	99.7	99.8	99.9	100.	100.	100.	100.	100.	100.	[illegible]

[illegible]

2

CEILING VERSUS VISIBILITY

CEILING VERSUS VISIBILITY

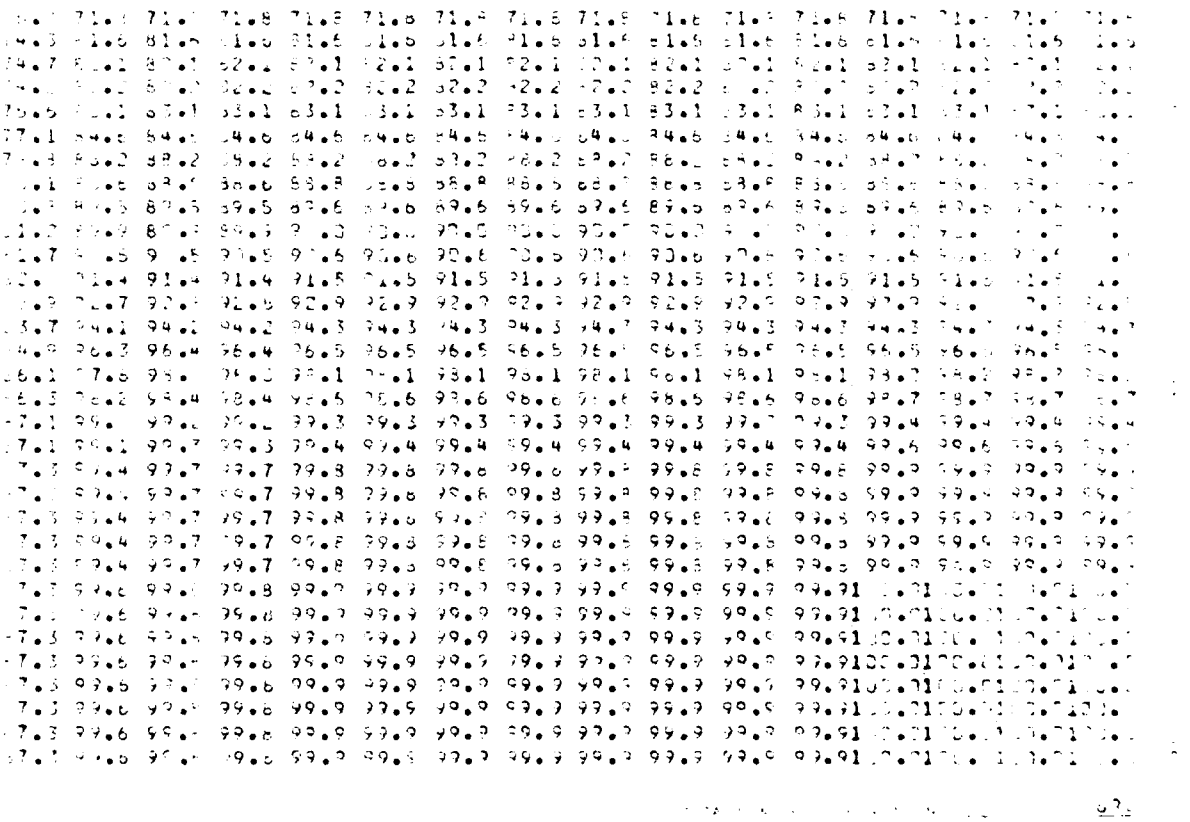


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CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY

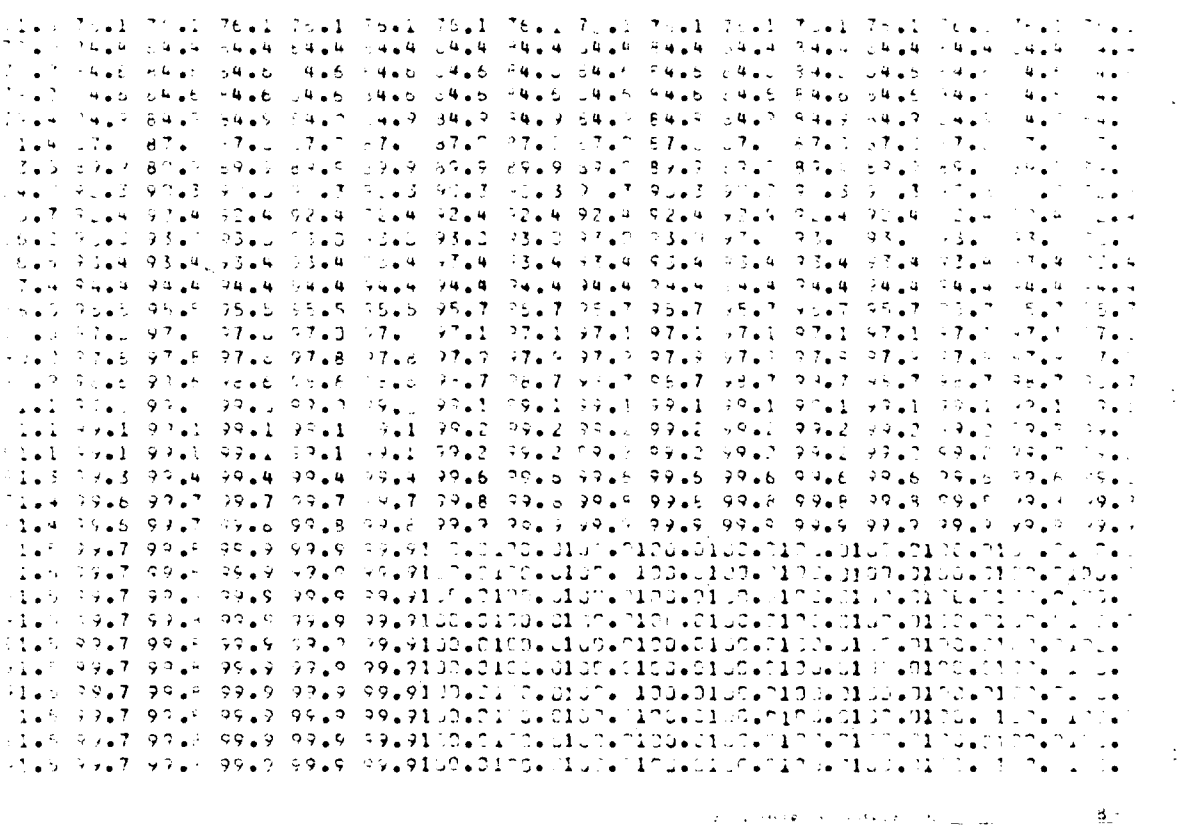


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CEILING VERSUS VISIBILITY

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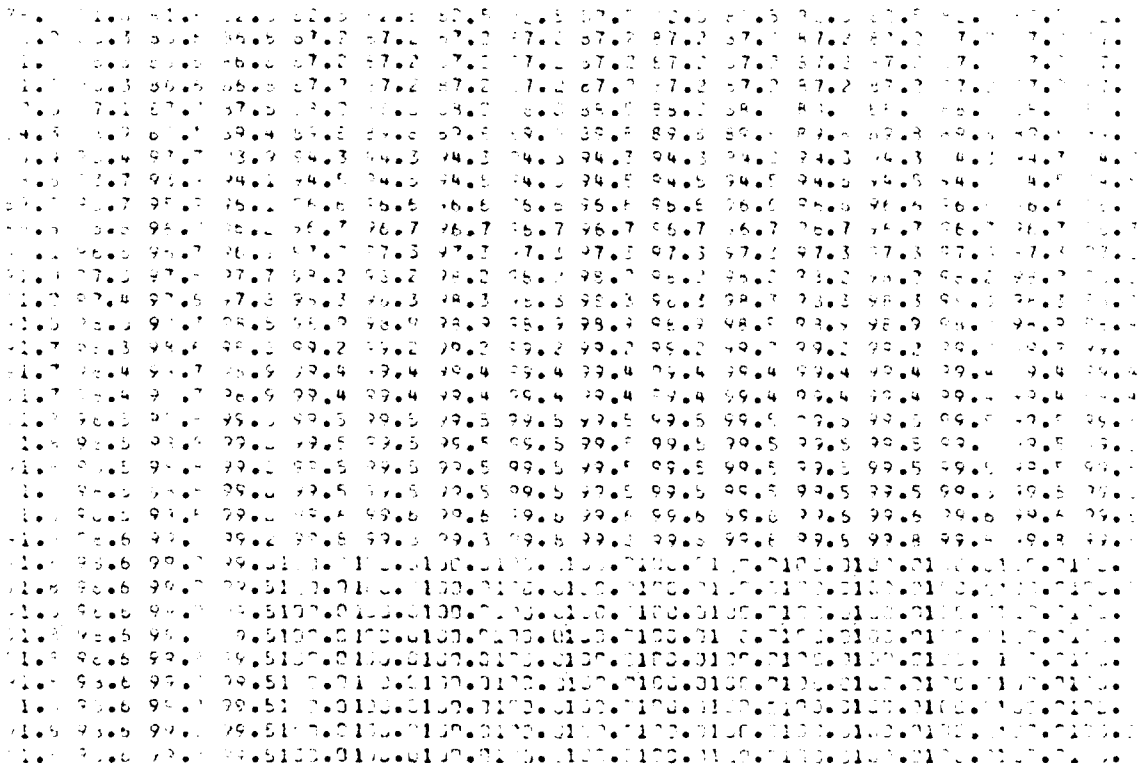


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CEILING VERSUS VISIBILITY

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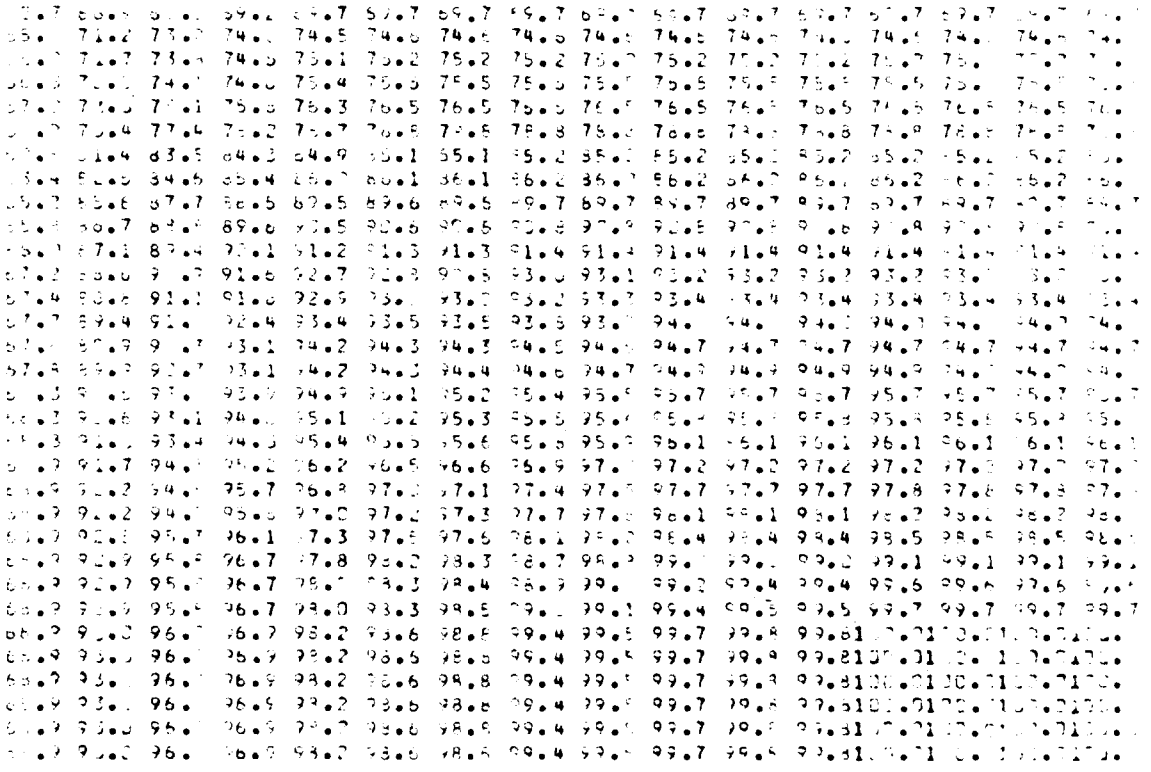


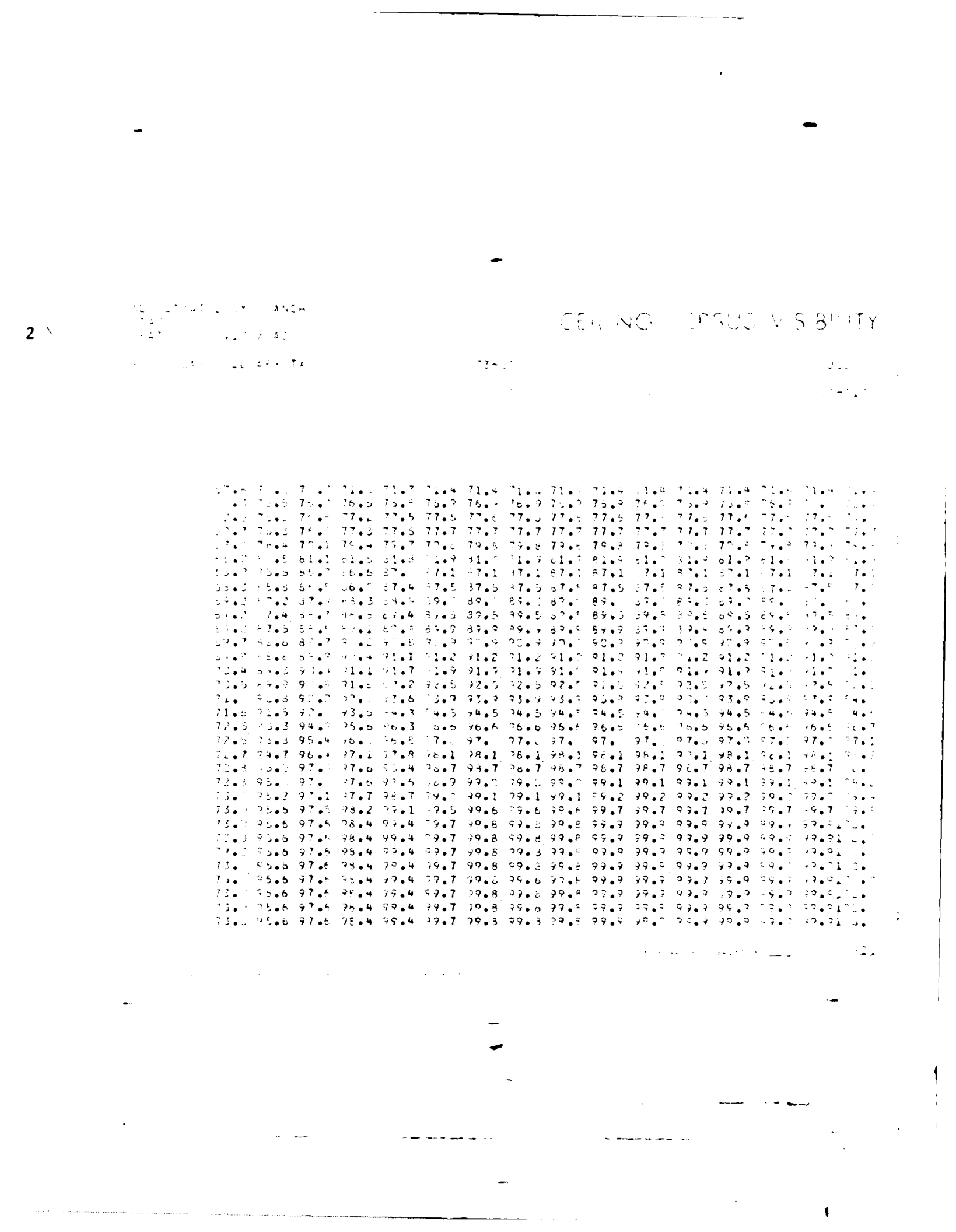
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CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY





...CLIMATOLOGY BRANCH
...TAC
2 ...WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

... CARSWELL AFB TX 73-80 Jul

(1) 0-24

...9	69.5	69.7	7...0	70.9	70.0	70.1	70.2	70.3	70.3	70.3	70.4	70.5	70.5	70.6	70.	70.6
74.1	76.2	76.5	76.6	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
74.5	77.0	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.
74.5	77.1	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
75.5	78.4	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
77.1	81.2	81.4	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	.
71.1	85.4	85.6	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
71.1	85.4	85.6	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
71.4	86.5	86.7	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
71.7	86.9	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
71.8	87.1	87.3	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
72.8	88.6	88.9	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
73.1	88.9	89.2	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
74.1	90.6	91.0	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
75.6	92.6	92.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
77.2	95.1	95.4	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
77.3	96.1	96.6	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
77.6	96.8	97.2	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
77.6	96.8	97.2	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
78.2	97.3	97.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
78.3	97.3	97.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
78.3	97.3	97.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
78.3	97.3	97.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
78.3	97.3	97.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
78.3	97.3	97.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
74.8	97.4	97.8	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.91	00.0	00.0	00.0	00.0
78.4	97.4	97.8	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.91	00.0	00.0	00.0	00.0
78.4	97.4	97.8	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.91	00.0	00.0	00.0	00.0
78.4	97.4	97.8	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.91	00.0	00.0	00.0	00.0
78.4	97.4	97.8	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.91	00.0	00.0	00.0	00.0
78.4	97.4	97.8	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.91	00.0	00.0	00.0	00.0
78.4	97.4	97.8	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.91	00.0	00.0	00.0	00.0

CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY

CARSWELL AFB TX

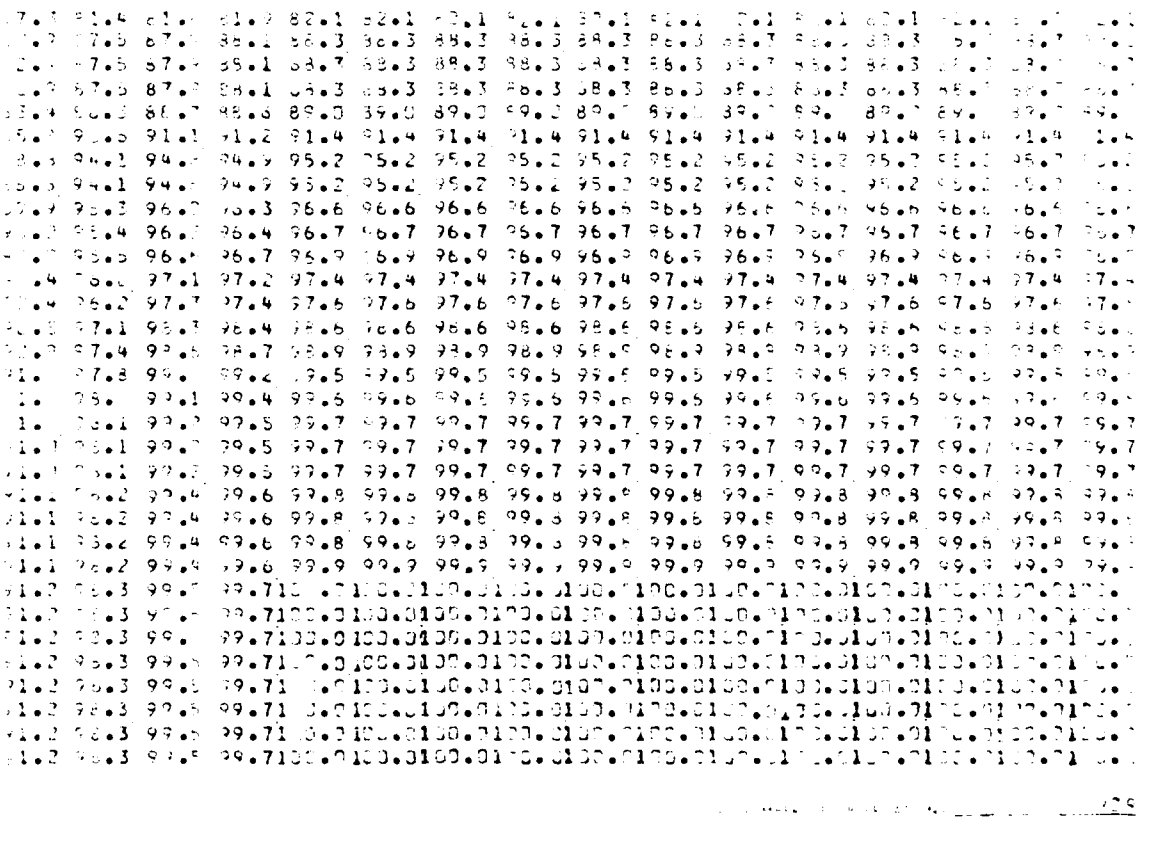
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84.2	84.6	84.4	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	
84.2	84.6	84.4	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	
84.2	84.6	84.5	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	
86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	
89.1	89.4	89.7	89.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	
92.7	92.7	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	
93.1	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
94.1	94.2	94.7	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	
94.3	94.2	95.2	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	
94.4	94.6	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	
95.1	96.3	96.1	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
95.3	96.4	96.2	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	
95.6	96.9	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
95.9	96.7	97.5	98.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
96.2	97.3	98.7	98.7	99.0	99.0	99.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
96.4	97.6	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
96.5	97.7	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
96.5	97.7	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
96.5	97.7	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
96.5	97.7	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
96.5	97.7	98.8	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
96.5	97.7	98.8	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
96.5	97.7	98.9	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
96.5	97.7	98.9	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
96.5	97.8	99.1	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
96.5	97.8	99.1	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
96.5	97.8	99.1	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
96.5	97.8	99.1	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
96.5	97.8	99.1	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
96.5	97.8	99.1	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	

2

CEILING [illegible]DSUS VISIBILITY

[illegible] AFB TX

[illegible]



CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY

2

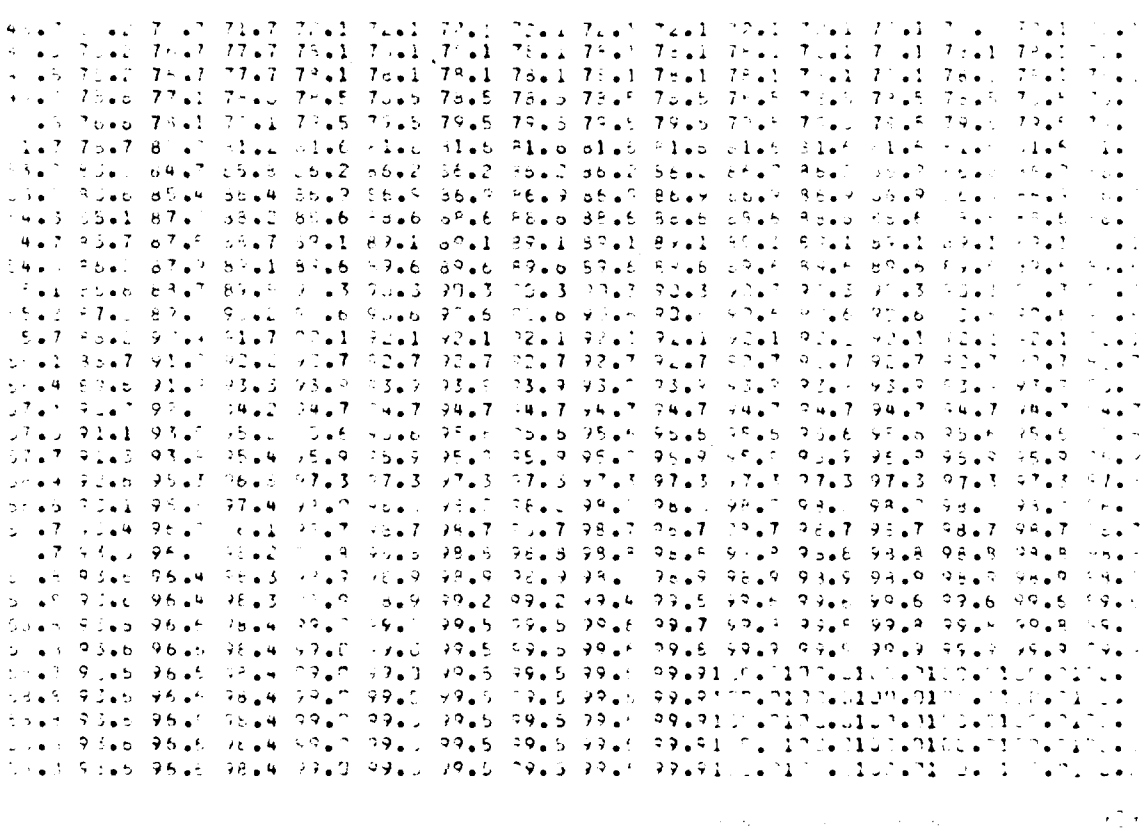
CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY



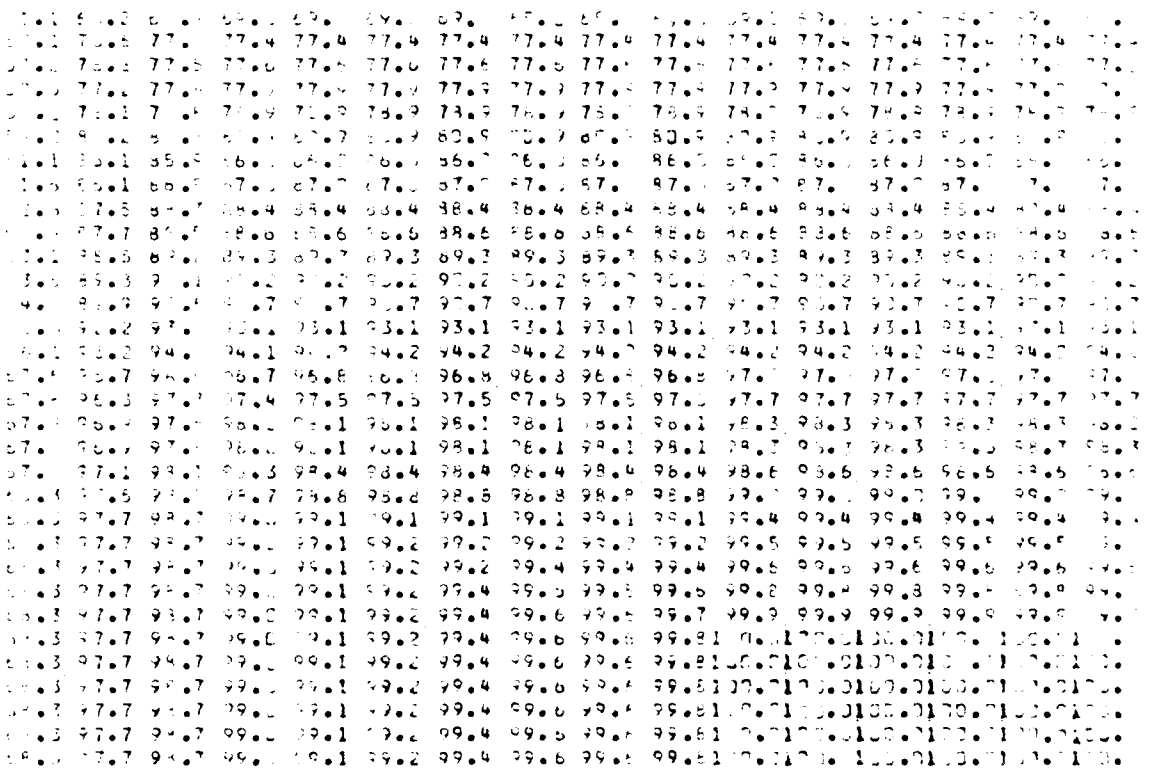
CLIMATOLOGY BRANCH

2

CEILING VERSUS VISIBILITY

[illegible] FLD AFB TX

75-85



2

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

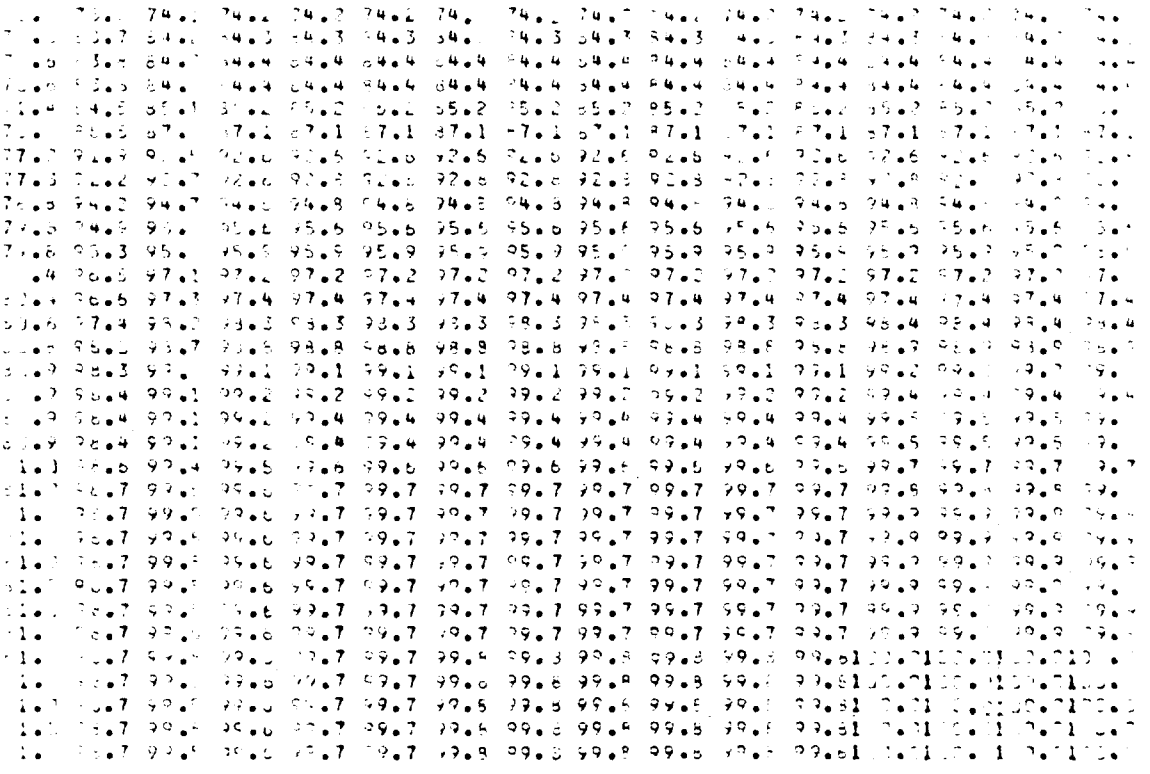
CARSWELL AFB TX — 73-82

CEILING VERSUS VISIBILITY

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	[illegible]
67.8	[illegible]	[illegible]	82.6	[illegible]	[illegible]	82.6	82.6	82.9	82.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	84.9	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	[illegible]
[illegible]	86.7	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	[illegible]	[illegible]	[illegible]	[illegible]
72.5	89.5	[illegible]	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	[illegible]	[illegible]	[illegible]
74.[illegible]	91.4	92.[illegible]	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	[illegible]	[illegible]	[illegible]
74.2	91.8	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	[illegible]	[illegible]
74.7	92.7	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	[illegible]
75.3	[illegible]	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	[illegible]
75.4	93.9	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	[illegible]
76.2	94.9	95.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
76.6	96.1	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	[illegible]
76.[illegible]	96.9	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
77.[illegible]	97.5	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
77.2	97.7	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
77.2	97.7	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
77.4	98.1	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
77.4	98.1	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
77.4	98.1	99.[illegible]	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
77.4	98.1	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
77.4	98.1	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
77.4	98.1	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
77.4	98.1	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
77.4	98.1	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.[illegible]
77.4	98.1	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9	100.0
77.4	98.1	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.[illegible]	99.9	100.0
77.4	98.1	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.[illegible]	99.9	100.0
77.4	98.1	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.[illegible]	99.9	100.0
77.4	[illegible]	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.[illegible]	99.9	1[illegible]

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CEILING VERSUS VISIBILITY



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CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY

34.7	54.7	57.4	59.7	60.4	61.0	61.3	61.6	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	
36.7	56.6	61.4	63.6	64.4	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	
36.7	56.6	61.6	63.6	64.4	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	
36.7	56.6	61.6	63.6	64.4	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	
37.1	56.9	62.2	64.3	65.0	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	
38.1	60.6	64.7	66.4	67.1	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	
40.2	64.9	69.2	71.4	72.4	72.9	72.9	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	
40.3	64.7	69.2	71.4	72.4	72.9	72.9	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	
41.3	66.6	71.4	73.7	74.8	75.4	75.4	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	
41.6	67.1	72.2	74.5	75.8	76.4	76.4	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	
41.8	67.7	72.6	75.1	76.4	76.9	76.9	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
42.2	68.3	73.2	75.6	76.9	77.5	77.5	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	
42.4	68.8	73.7	76.2	77.5	78.1	78.1	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	
42.6	69.7	74.7	77.2	78.6	79.2	79.2	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	
43.7	70.8	76.1	78.6	80.1	80.6	80.6	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	
44.3	71.7	77.0	79.5	81.0	81.5	81.5	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	
45.2	73.2	78.5	81.2	82.6	83.2	83.2	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	
45.4	73.8	79.2	81.8	83.3	84.0	84.0	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	
45.7	74.3	79.7	82.5	84.0	84.6	84.6	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	
46.3	75.4	81.0	84.5	86.1	86.7	86.7	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	
47.4	77.7	83.9	86.6	88.2	88.9	89.1	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	
47.9	79.3	85.1	88.4	90.0	90.6	91.0	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	
48.1	80.1	86.1	89.3	91.0	91.5	91.9	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	
48.3	80.8	86.9	90.2	91.8	92.4	92.8	93.0	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
48.4	81.7	88.1	91.0	93.5	94.3	94.7	94.9	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	
48.4	82.4	88.8	92.3	94.3	95.2	95.7	96.0	96.1	96.5	96.5	96.5	96.7	96.7	96.7	96.7	
48.5	82.7	89.0	93.0	95.7	96.7	97.7	98.0	98.1	98.7	98.7	98.7	98.8	98.8	98.8	98.8	
48.5	83.0	89.4	94.0	96.2	97.3	98.6	98.9	99.1	99.7	99.7	99.7	99.8	99.8	99.8	99.8	
48.6	83.0	89.5	94.0	96.2	97.3	98.6	98.9	99.1	99.7	99.7	99.7	99.8	99.8	99.8	99.8	
48.6	83.0	89.5	94.0	96.2	97.3	98.6	98.9	99.1	99.7	99.7	99.7	99.8	99.8	99.8	99.8	
48.6	83.1	89.6	94.1	96.3	97.4	98.7	99.0	99.2	99.8	99.8	99.8	99.8	99.9	99.9	99.9	

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

[illegible] SHEPPARD AFB TX

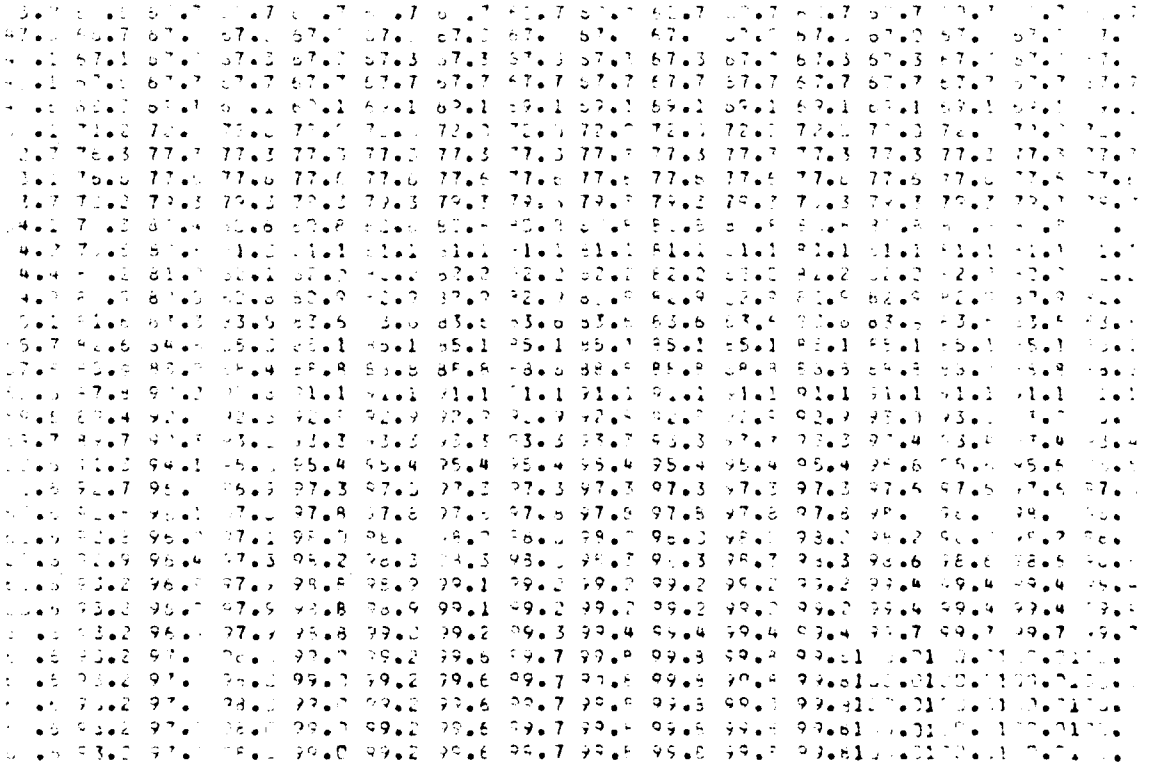
CEILING VERSUS VISIBILITY

73-[illegible]

63.4	56.[illegible]	58.7	59.4	59.7	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	[illegible]	.
59.[illegible]	59.4	62.[illegible]	62.7	63.0	63.1	63.1	63.1	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.3	[illegible]
60.1	59.5	62.1	62.6	63.3	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.	[illegible]	[illegible]
61.1	59.9	62.6	63.3	63.7	63.8	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	[illegible]
59.4	[illegible]	63.4	64.1	64.7	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	[illegible]
57.6	62.6	66.9	66.7	67.3	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	[illegible]
40.1	67.8	71.7	72.[illegible]	72.8	72.9	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	[illegible]
40.1	67.8	71.7	72.[illegible]	72.8	72.9	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	[illegible]
41.1	69.8	73.9	75.1	75.8	75.9	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	[illegible]
41.1	70.2	74.3	75.6	76.7	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	[illegible]
41.1	70.2	74.4	75.6	76.9	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	[illegible]
41.1	70.6	74.9	76.4	77.4	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	[illegible]
41.4	71.2	75.4	76.9	78.0	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	[illegible]
42.2	72.7	76.9	78.5	79.6	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	[illegible]
42.5	73.6	78.1	79.6	80.7	80.8	80.8	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	[illegible]
43.3	75.7	80.3	81.6	83.0	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	[illegible]
44.1	77.5	82.2	83.9	85.0	85.2	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	[illegible]
44.9	78.7	83.4	85.1	86.3	86.5	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	[illegible]
45.2	79.2	84.[illegible]	85.6	86.9	87.1	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	[illegible]
46.3	81.5	86.2	88.1	89.3	89.5	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	[illegible]
47.2	83.6	88.4	90.4	91.8	92.[illegible]	92.4	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	[illegible]
48.0	84.7	89.6	91.9	93.7	94.0	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	[illegible]
48.3	85.2	90.[illegible]	92.3	94.1	94.4	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	[illegible]
48.3	85.9	91.1	93.4	95.5	95.9	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	[illegible]
48.3	86.2	91.6	94.1	96.7	97.[illegible]	98.1	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	[illegible]
48.3	86.2	91.8	94.2	96.9	97.3	98.4	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	[illegible]
48.3	86.2	91.8	94.2	97.0	97.4	98.6	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	[illegible]
48.3	86.2	91.8	94.3	97.2	97.7	98.8	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	[illegible]
48.3	86.2	91.[illegible]	94.4	97.3	97.8	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
48.3	86.2	91.[illegible]	94.4	97.3	97.8	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
48.3	86.2	91.[illegible]	94.4	97.3	97.8	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
48.3	86.2	91.[illegible]	94.4	97.3	97.8	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]

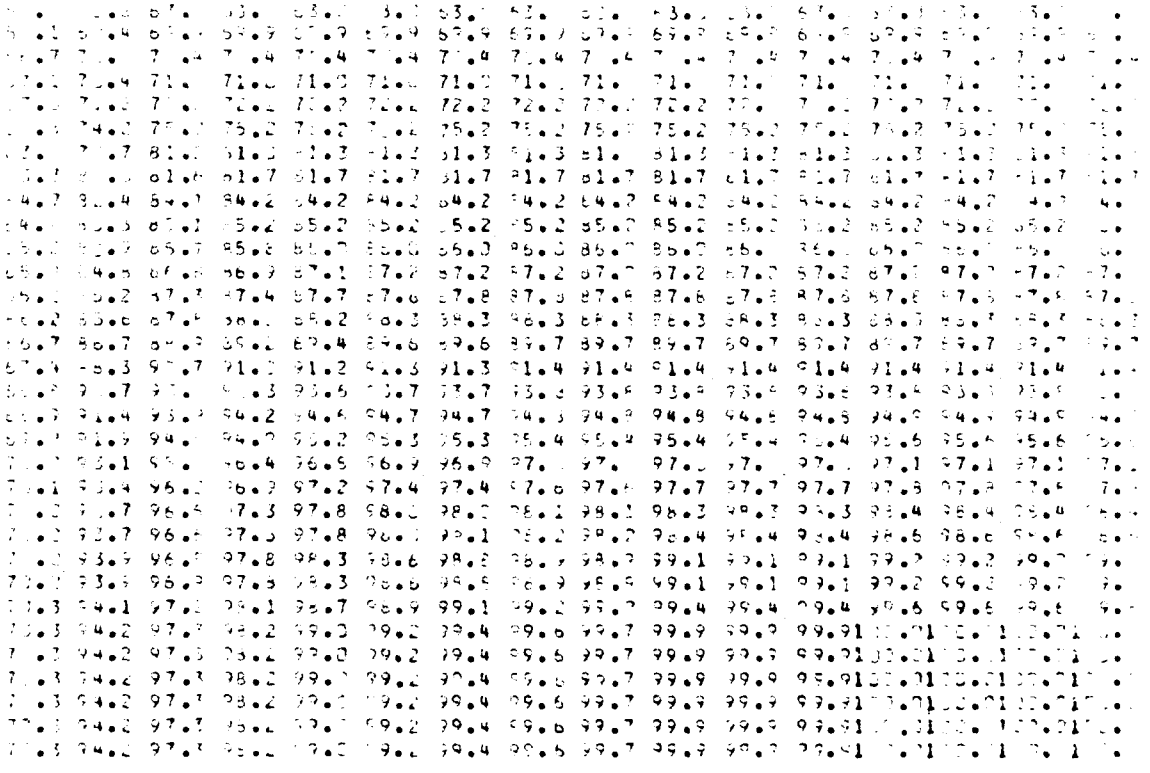
[illegible]

CEILING VERSUS VISIBILITY



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CEILING VERSUS VISIBILITY



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CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY

		71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	
	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	
	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	
	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	
	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	
74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	
77.3	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	
78.3	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	
7 .2	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.8	8 .8	8 .8	8 .8	8 .8	
78.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	
81.1	82.4	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	
81.1	84.2	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	
81.1	84.6	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	
81.	85.6	85.7	85.9	85.9	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	
82.2	86.3	86.3	86.3	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	
82.7	87.5	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	
85.5	89.2	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	
85.3	91.2	91.7	91.7	91.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	
86.5	92.3	93.	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	
87.4	93.7	94.2	94.3	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	
88.3	94.9	95.6	95.8	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	
88.7	95.6	96.7	97.1	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
88.7	95.6	96.7	97.3	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
88.7	95.7	96.9	97.8	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
88.9	95.9	97.1	98.1	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
88.9	95.9	97.1	98.3	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
88.9	96.0	97.2	98.4	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
89.1	96.2	97.4	98.6	99.1	99.1	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	
89.1	96.2	97.4	98.6	99.1	99.1	99.4	99.7	99.7	99.91	0.1	0.1	0.1	0.1	0.1	
89.1	96.2	97.4	98.6	99.1	99.1	99.4	99.7	99.7	99.91	0.1	0.1	0.1	0.1	0.1	
89.1	96.2	97.4	98.6	99.1	99.1	99.4	99.7	99.7	99.91	0.1	0.1	0.1	0.1	0.1	
89.1	96.2	97.4	98.6	99.1	99.1	99.4	99.7	99.7	99.91	0.1	0.1	0.1	0.1	0.1	

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CEILING VERSUS VISIBILITY

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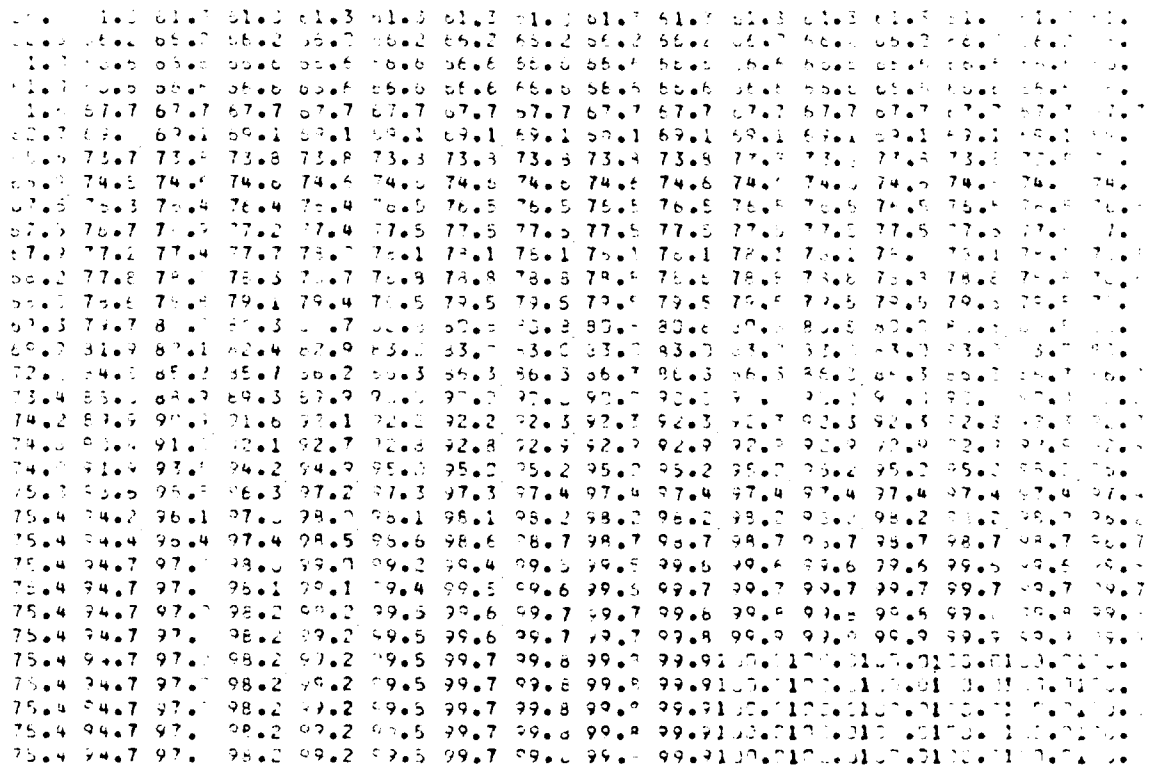
CARSWELL AFB TX

73-87

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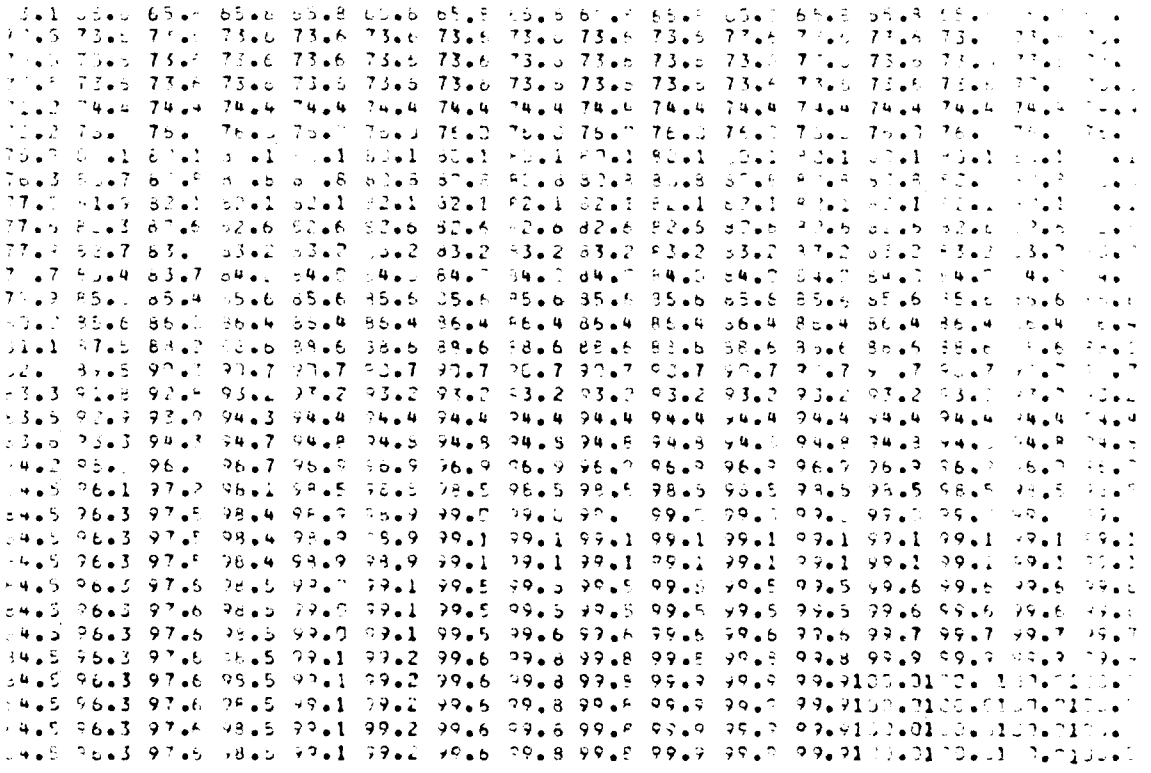
CEILING VERSUS VISIBILITY

CEILING VERSUS VISIBILITY



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CEILING VERSUS VISIBILITY



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CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY

CAPE GIRARDEAU AFB MO 73-81

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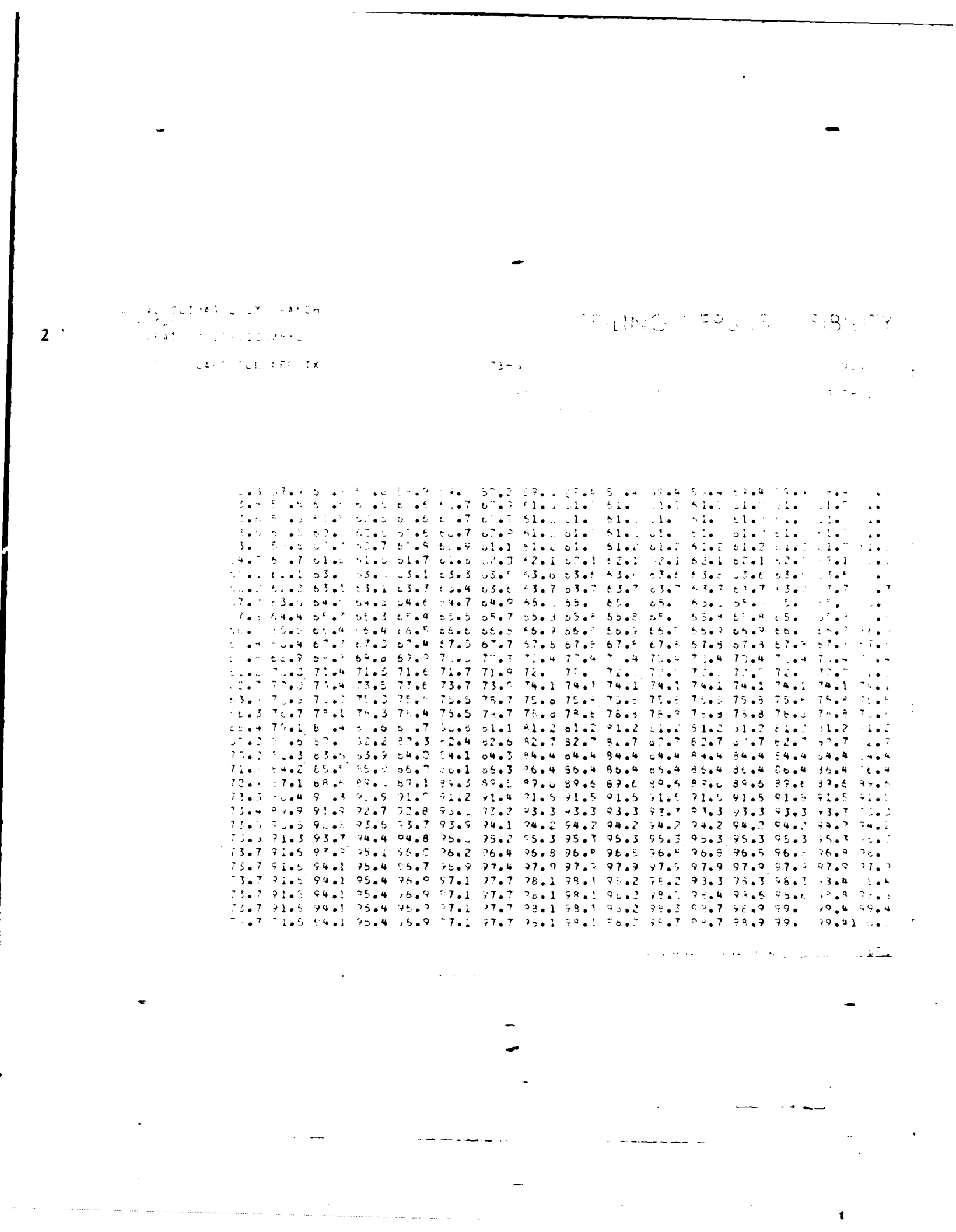
... CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

... CARSWELL AFB TX 73-8[illegible] ALL

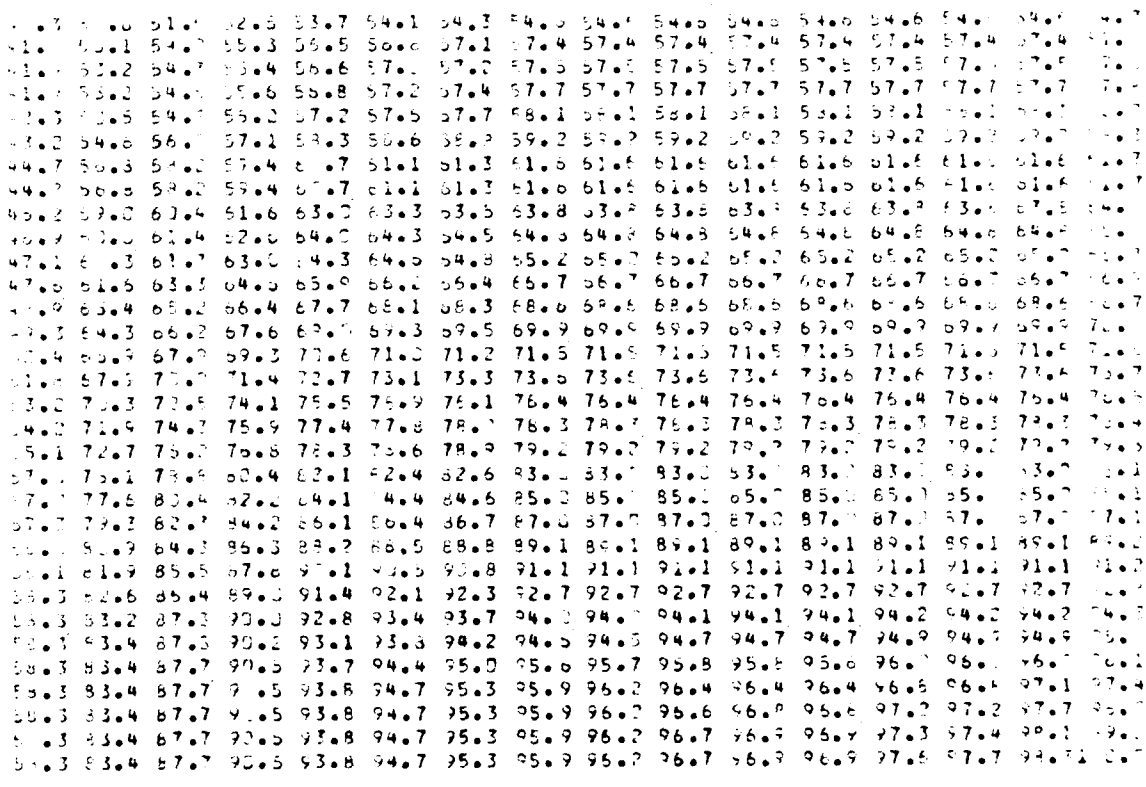
[illegible]	[illegible]	65.3	[illegible]	69.5	[illegible]	69.5	[illegible]	[illegible]	65.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	69.5	69.6	69.6	69.6	[illegible]	69.7	69.7	69.7	69.7	69.7	69.7	[illegible]	[illegible]
63.4	[illegible]	[illegible]	69.6	69.7	69.7	69.8	69.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
63.5	[illegible]	[illegible]	69.7	69.8	69.8	69.8	69.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
63.7	69.3	[illegible]	[illegible]	70.2	70.2	70.2	70.2	[illegible]	70.2	[illegible]	70.2	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	70.8	71.3	71.5	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	[illegible]
67.9	74.4	[illegible]	75.2	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	[illegible]	[illegible]
[illegible]	[illegible]	75.7	75.9	[illegible]	[illegible]	[illegible]	[illegible]	76.1	76.1	76.1	76.1	76.1	76.1	76.1	[illegible]
[illegible]	77.6	[illegible]	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	[illegible]	[illegible]
[illegible]	78.4	79.1	[illegible]	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	[illegible]	[illegible]
71.5	79.2	[illegible]	[illegible]	80.3	80.4	80.4	80.4	80.4	80.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
72.5	[illegible]	81.4	81.7	81.9	82.0	[illegible]	82.0	[illegible]	82.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
73.2	81.5	[illegible]	82.6	82.8	82.8	[illegible]	[illegible]	[illegible]	82.9	[illegible]	[illegible]	82.9	[illegible]	[illegible]	[illegible]
73.5	82.2	83.1	83.4	83.7	83.7	83.7	83.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	84.2	84.6	84.8	84.9	84.9	84.9	[illegible]	84.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
74.7	84.9	[illegible]	85.5	85.7	85.8	85.8	85.8	[illegible]	85.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
75.7	[illegible]	88.2	88.8	89.1	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	[illegible]	[illegible]	[illegible]
76.7	88.6	[illegible]	[illegible]	91.2	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	[illegible]	[illegible]
77.1	89.4	[illegible]	91.4	91.9	[illegible]	91.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	92.1
77.9	[illegible]	92.7	93.4	93.8	93.9	93.9	[illegible]	94.1	94.1	94.1	94.1	94.1	94.1	[illegible]	[illegible]
[illegible]	92.2	[illegible]	94.8	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	95.7	96.4	96.6	96.7	96.8	[illegible]	96.9	[illegible]	96.9	96.9	96.9	[illegible]	[illegible]
[illegible]	93.2	[illegible]	96.2	96.9	97.1	97.3	97.4	[illegible]	97.5	97.5	97.5	97.5	[illegible]	97.5	[illegible]
[illegible]	93.4	[illegible]	96.7	97.5	97.7	97.9	98.0	98.1	98.2	[illegible]	98.2	[illegible]	98.2	[illegible]	[illegible]
[illegible]	93.7	[illegible]	97.1	[illegible]	98.2	98.4	98.6	98.7	98.7	98.7	[illegible]	98.7	98.7	[illegible]	[illegible]
[illegible]	93.8	[illegible]	97.2	98.1	98.3	98.6	98.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	93.8	96.1	97.3	98.3	98.5	98.9	99.1	[illegible]	99.2	99.2	99.2	99.3	99.3	99.3	[illegible]
[illegible]	93.9	96.1	97.4	98.5	98.7	99.1	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7
[illegible]	93.9	96.1	97.4	98.5	98.7	99.2	99.4	[illegible]	99.6	99.7	99.7	99.7	99.7	[illegible]	[illegible]
[illegible]	93.9	96.1	97.4	98.5	98.7	99.2	99.4	[illegible]	99.7	99.7	99.7	99.8	[illegible]	[illegible]	[illegible]
[illegible]	93.9	96.1	97.4	98.5	98.7	99.2	99.4	99.5	99.7	99.7	99.7	99.8	[illegible]	[illegible]	[illegible]
[illegible]	93.9	96.1	97.4	98.5	98.7	99.2	99.4	[illegible]	99.7	99.7	99.7	99.8	[illegible]	[illegible]	[illegible]

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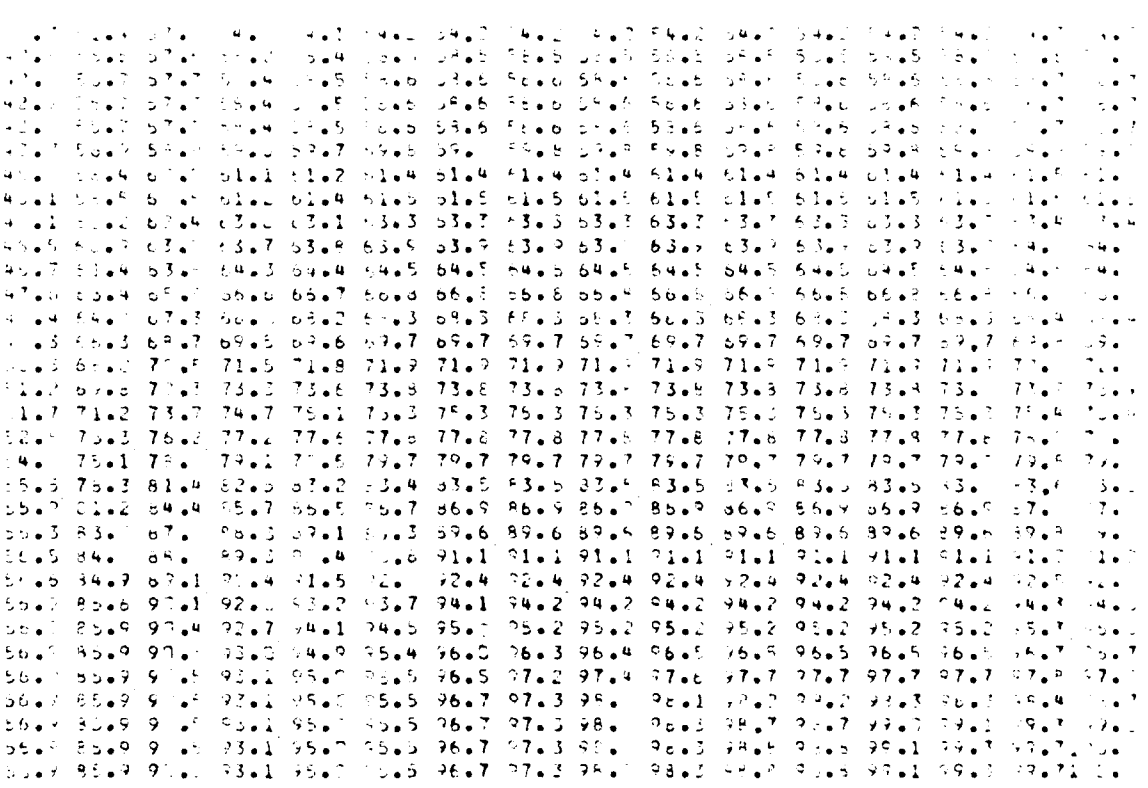


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CEILING VERSUS VISIBILITY



c79



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[illegible] BRANCH
[illegible] WELL AFB TX

CEILING VERSUS VISIBILITY

[illegible]	[illegible]	59.1	[illegible]	55.2	55.2	55.2	55.2	[illegible]	55.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	60.8	60.8	60.8	60.8	60.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
52.4	60.7	[illegible]	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	[illegible]	[illegible]
52.4	60.7	[illegible]	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	[illegible]	[illegible]	[illegible]
[illegible]	62.5	[illegible]	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	66.1	66.1	66.1	66.2	66.2	[illegible]	66.2	[illegible]	[illegible]	66.2	[illegible]	[illegible]	[illegible]
[illegible]	66.7	[illegible]	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
[illegible]	[illegible]	67.7	68.2	68.2	68.2	68.3	68.3	68.3	68.3	[illegible]	68.3	68.3	[illegible]	[illegible]	[illegible]
[illegible]	68.2	[illegible]	68.7	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	[illegible]	68.9	[illegible]
[illegible]	69.4	[illegible]	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	[illegible]	70.2	[illegible]
[illegible]	70.5	[illegible]	[illegible]	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
[illegible]	72.7	73.1	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	[illegible]
[illegible]	74.4	74.7	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
[illegible]	[illegible]	[illegible]	[illegible]	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	81.5	81.9	81.9	82.0	82.0	[illegible]	[illegible]	[illegible]	82.0	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	83.9	84.4	[illegible]	85.2	85.2	85.3	85.3	[illegible]	85.3	85.3	85.3	85.3	[illegible]	[illegible]	[illegible]
[illegible]	84.2	[illegible]	85.3	85.5	85.7	85.8	85.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	86.9	[illegible]	88.4	88.9	[illegible]	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	[illegible]
88.3	[illegible]	[illegible]	90.5	91.0	91.1	91.2	91.2	[illegible]	91.3	[illegible]	91.3	91.3	[illegible]	91.3	[illegible]
89.9	90.2	[illegible]	92.3	92.8	93.0	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
[illegible]	90.3	[illegible]	92.9	93.5	93.8	94.1	94.1	94.1	94.2	[illegible]	94.2	94.2	94.2	94.2	[illegible]
[illegible]	91.1	[illegible]	94.3	95.4	96.1	96.9	96.9	[illegible]	97.0	97.0	97.0	97.0	[illegible]	[illegible]	[illegible]
89.2	91.4	[illegible]	[illegible]	96.2	96.9	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
89.2	91.4	[illegible]	95.0	96.4	97.1	[illegible]	[illegible]	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
[illegible]	91.4	[illegible]	95.2	96.7	97.6	98.4	98.4	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9
89.2	91.4	[illegible]	95.2	96.7	97.7	98.6	98.8	[illegible]	99.5	99.6	99.6	99.6	99.6	99.7	99.7
89.2	91.4	[illegible]	95.2	96.7	97.7	98.6	98.8	99.6	99.8	99.8	99.8	99.8	99.8	99.9	[illegible]
89.2	91.4	[illegible]	95.2	96.7	97.7	98.6	98.8	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0
[illegible]	91.4	[illegible]	95.2	96.7	97.7	98.6	98.8	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0
[illegible]	91.4	[illegible]	95.2	96.7	97.7	98.6	98.8	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] CARSWELL AFB TX 73-[illegible] NOV

[illegible] [illegible]-1700

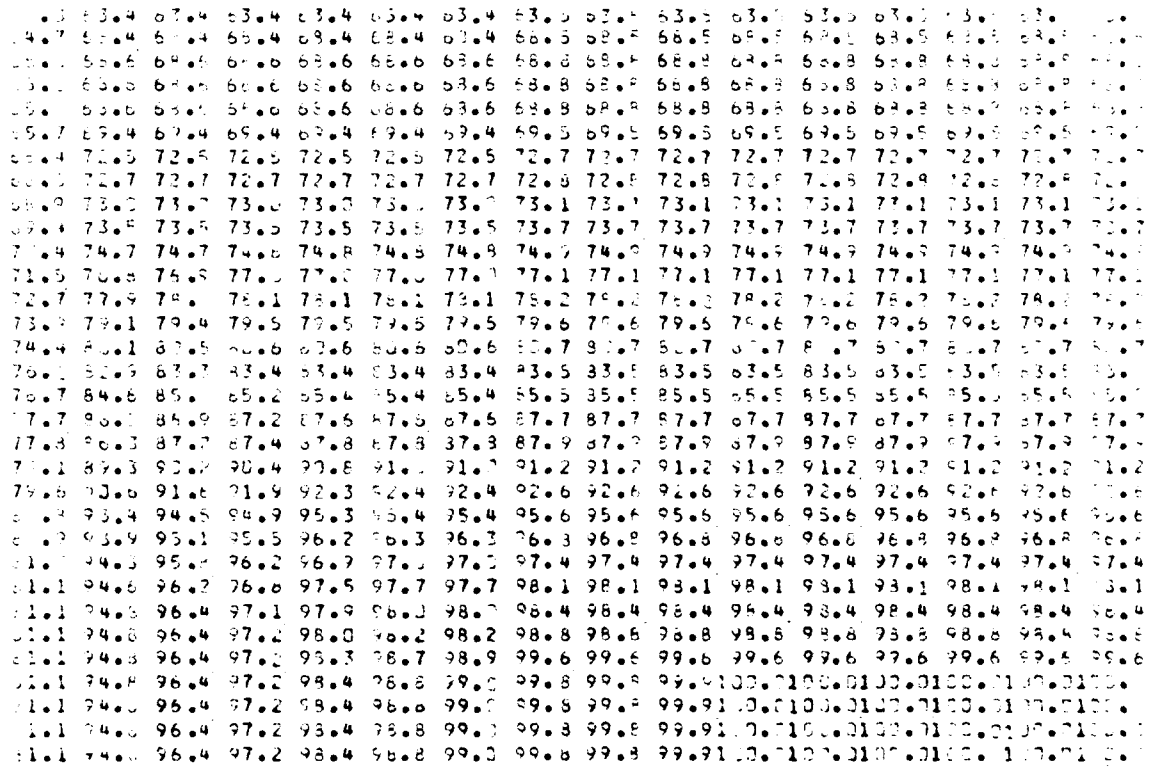
[illegible]	53.6	[illegible]	58.6	53.8	58.6	58.3	58.3	53.8	[illegible]	58.8	53.6	53.8	58.[illegible]	58.9	[illegible]
60.4	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.7	65.3	65.3	65.3	65.3	65.[illegible]
63.9	63.9	66.0	66.0	66.0	66.0	66.0	66.0	66.[illegible]	66.0	66.	66.0	66.0	66.	66.0	66.
63.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.[illegible]	66.	66.0	66.0	66.	66.0	66.
61.6	65.7	66.6	66.8	66.9	66.6	66.8	66.8	66.9	66.8	66.9	66.3	66.5	66.[illegible]	66.9	66.[illegible]
62.6	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.5	68.5	68.6	68.5	68.6	68.6	68.6	68.5
64.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
64.8	70.8	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
66.5	72.6	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.[illegible]
67.0	73.2	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.[illegible]	73.8	[illegible]
67.5	73.9	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.[illegible]
68.3	75.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
69.1	77.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.[illegible]
70.7	79.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
71.3	80.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.[illegible]
73.1	83.1	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
73.9	85.2	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
74.8	86.9	88.1	88.3	88.6	88.6	88.6	88.6	88.6	88.5	88.6	88.6	88.6	88.5	88.5	88.6
75.2	87.3	88.5	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
75.8	89.9	91.1	91.3	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.[illegible]	91.8	91.8
76.3	91.0	92.4	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.[illegible]
76.6	91.6	93.4	94.0	94.9	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.[illegible]
76.6	91.9	93.8	94.7	95.9	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.[illegible]
76.6	92.2	94.5	95.5	97.[illegible]	97.3	97.8	98.[illegible]	98.	98.[illegible]	98.[illegible]	98.0	98.0	98.[illegible]	98.[illegible]	98.
76.6	92.5	94.9	95.9	97.4	97.9	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
76.6	92.5	94.9	96.2	98.1	98.6	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
76.6	92.5	94.9	96.2	98.1	98.6	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.[illegible]
76.6	92.5	94.9	96.2	98.1	98.6	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
76.6	92.5	94.9	96.2	98.1	98.6	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.[illegible]
76.6	92.5	94.9	96.2	98.1	98.6	99.2	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.[illegible]
76.6	92.5	94.9	96.2	98.1	98.6	99.2	99.7	99.8	99.9	100.0	100.[illegible]	100.0	100.[illegible]	100.0	100.[illegible]
76.6	92.5	94.9	96.2	98.1	98.6	99.2	99.7	99.8	99.9	100.0	100.0	100.0	100.[illegible]	100.[illegible]	100.[illegible]

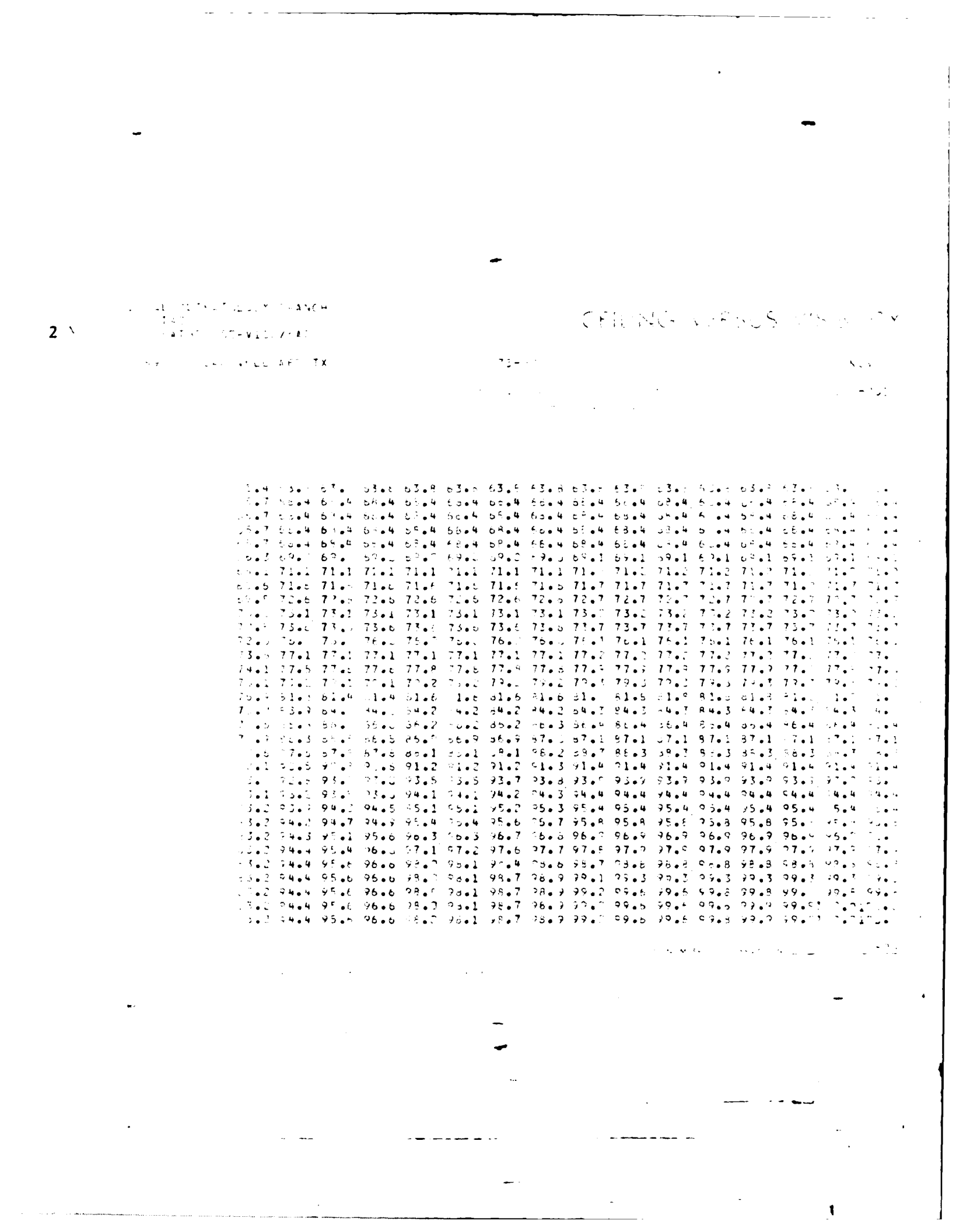
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CEILING VERSUS VISIBILITY

LACKLAND AFB TX

73-82





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CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY

64.0	64.1	64.4	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
67.0	67.3	67.6	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
67.0	67.6	67.8	68.1	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
67.0	67.9	68.1	68.5	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
68.0	68.7	69.0	69.2	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
70.0	70.2	70.4	70.7	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
70.0	70.7	70.9	71.3	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
71.0	71.0	71.4	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
73.0	73.0	73.3	73.6	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
73.0	73.3	73.7	74.1	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
73.0	74.0	74.4	74.7	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
73.0	73.7	74.1	74.4	74.6	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
76.0	76.0	77.1	77.4	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
74.0	77.5	77.8	78.0	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
78.0	78.0	79.0	79.0	79.1	80.0	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
80.0	80.4	81.0	81.4	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
80.0	81.0	81.8	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
80.0	80.0	83.0	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
80.0	83.1	83.6	84.1	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
85.0	85.3	85.7	86.2	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
86.3	86.9	87.3	87.8	88.1	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
88.0	88.2	88.7	89.3	89.6	89.6	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
90.1	90.3	90.7	89.7	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
90.7	90.7	91.4	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
92.0	91.4	91.4	92.5	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
93.0	93.9	91.9	93.0	93.5	93.8	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
93.0	91.0	92.5	94.0	94.5	95.0	95.2	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
93.0	91.0	92.0	94.3	95.0	95.6	95.9	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
93.0	91.1	92.9	94.5	95.8	96.4	97.1	98.0	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
93.0	91.1	92.9	94.5	96.0	96.7	97.6	98.6	98.7	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
93.0	91.1	92.9	94.5	96.0	96.7	97.7	98.7	99.0	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.4	99.7	99.7	99.7
93.0	91.1	92.9	94.5	96.0	96.7	97.7	98.7	99.0	98.9	99.1	99.1	99.2	99.2	99.2	99.4	99.7	99.7	99.7	99.7

2

CEILING VERSUS VISIBILITY

[illegible] AFB TX

[illegible]

2

CEILING VERSUS VISIBILITY

2

[illegible] CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible] WEATH[illegible] SERVICE/MAC

[illegible] CARSWELL AFB TX 73-[illegible]

CEILING VERSUS VISIBILITY

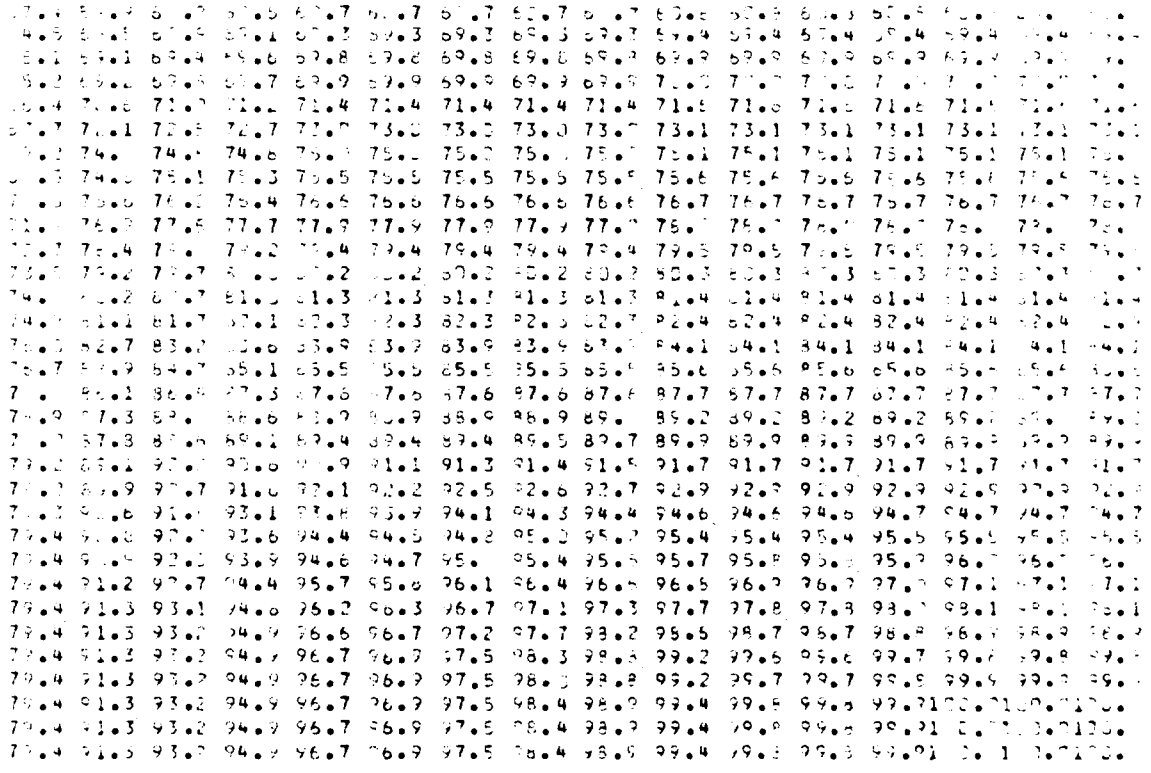
4[illegible]	54.6	55.3	55.7	55.7	55.8	55.9	55.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]	55.8	[illegible]	[illegible]	[illegible]
[illegible]	61.1	61.[illegible]	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.[illegible]	62.5	62.[illegible]	62.[illegible]	[illegible]
[illegible].1	62.[illegible]	62.[illegible]	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	[illegible].4	[illegible]
[illegible]	62.3	63.[illegible]	63.4	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	[illegible]
[illegible]	63.4	64.2	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.[illegible]	64.8	[illegible]
[illegible]	64.3	65.1	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	[illegible]
[illegible]	66.5	66.[illegible]	66.5	66.9	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]
[illegible]	66.5	66.7	66.8	66.9	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	[illegible]
[illegible].5	66.5	67.2	67.7	67.8	68.[illegible]	68.[illegible]	68.[illegible]	68.[illegible]	68.[illegible]	68.[illegible]	[illegible]	68.[illegible]	[illegible]	[illegible]	[illegible]
[illegible].1	67.4	68.4	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	[illegible]	[illegible]	[illegible]
[illegible]	68.[illegible]	69.5	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.[illegible]	70.2	[illegible]
57.6	71.6	71.9	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.[illegible]	72.6	[illegible]
[illegible]	71.6	72.9	73.4	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	[illegible]
[illegible].1	72.5	73.9	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.[illegible]	74.5	74.[illegible]
59.7	73.2	74.[illegible]	75.3	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
[illegible]	74.5	75.[illegible]	75.6	75.9	76.9	77.0	77.0	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]
61.1	75.7	77.1	77.7	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
62.5	77.7	79.1	80.0	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.[illegible]	80.5	[illegible]
[illegible]	78.4	79.8	[illegible].6	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.[illegible]	81.2	81.2	81.2	[illegible]
64.[illegible]	8[illegible].9	82.4	83.2	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.[illegible]	83.9	[illegible]
64.1	83.2	85.3	86.6	87.2	87.3	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	[illegible]7.7
64.3	[illegible]5.2	87.[illegible]	89.4	90.2	90.3	90.5	90.8	90.8	90.8	9[illegible].9	9[illegible].8	9[illegible].8	9[illegible]	90.8	[illegible]
64.6	[illegible]	88.7	9[illegible].5	91.5	91.6	91.[illegible]	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	[illegible]
64.6	86.5	89.4	91.4	92.7	92.8	93.2	93.7	93.7	93.7	93.[illegible]	93.8	93.8	[illegible]	[illegible]3.9	93.[illegible]
[illegible]4.6	[illegible]7.0	9[illegible]	92.3	93.9	94.1	94.5	95.1	95.1	95.1	95.2	95.2	95.2	[illegible]	[illegible]5.2	[illegible]
[illegible]4.6	87.3	90.[illegible]	92.9	94.5	94.8	95.4	96.[illegible]	96.[illegible]	96.[illegible]	96.1	96.1	96.1	96.1	96.1	[illegible]
[illegible]4.6	87.3	91.[illegible]	93.4	95.2	95.6	96.2	97.2	97.[illegible]	97.2	97.3	97.3	97.3	97.3	97.3	97.[illegible]
64.6	87.3	91.1	93.4	95.3	95.7	96.9	97.8	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.[illegible]
[illegible]4.6	87.3	91.1	93.4	95.3	95.7	97.3	98.4	98.4	98.7	99.1	99.1	99.4	99.[illegible]	99.5	99.5
[illegible]4.6	87.3	91.1	93.4	95.3	95.7	97.3	98.4	98.4	98.7	99.2	99.2	99.7	99.7	99.8	1[illegible]
[illegible]4.6	[illegible]7.3	91.1	93.4	95.3	95.7	97.3	98.4	98.4	98.7	99.2	99.2	99.7	99.7	99.8	1[illegible]
[illegible]4.6	[illegible]7.3	91.1	93.4	95.3	95.7	97.3	98.4	98.4	98.7	99.2	99.2	99.7	99.7	99.8	1[illegible]

2

CEILING VERSUS VISIBILITY

2

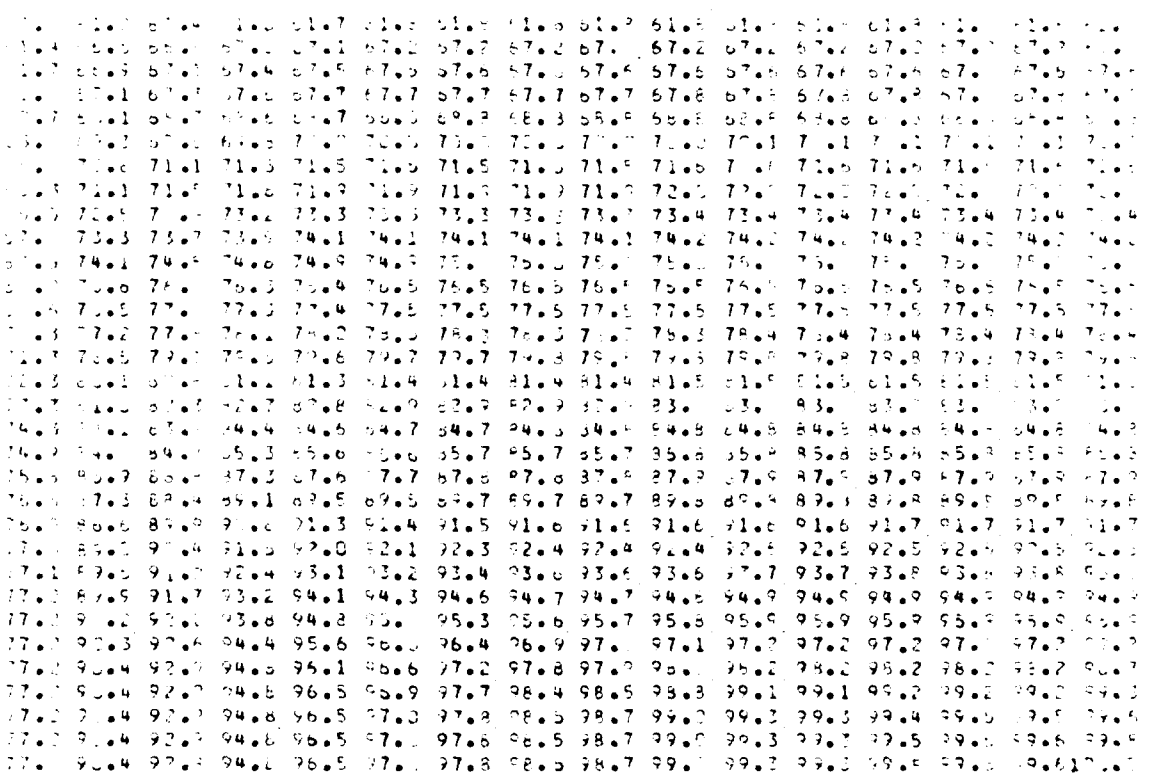
CEILING VERSUS VISIBILITY



2

CEILING VERSUS VISIBILITY

CEILING VERSUS VISIBILITY



2

CEILING VERSUS VISIBILITY

CARSWELL AFB TX

ALL

ALL

53.1	6 .7	61.7	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
57.6	66.6	67.4	67.7	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
58.0	67.0	67.7	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
58.1	67.1	67.8	68.1	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
58.1	67.8	69.5	69.8	69.8	69.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
69.8	69.4	70.1	70.4	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
72.0	72.4	73.2	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9
72.2	72.7	73.5	73.8	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
73.6	74.7	75.5	75.9	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
74.1	75.5	76.3	76.7	76.9	77.0	77.1	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
74.8	76.2	77.1	77.5	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
75.5	77.7	78.7	79.2	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
76.1	78.6	79.6	80.0	80.3	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
76.5	79.7	81.7	81.2	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
76.5	81.1	82.1	82.5	82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
76.6	82.7	83.9	84.4	84.7	84.8	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
76.9	84.4	85.8	86.2	86.5	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
77.3	86.1	87.4	88.0	88.5	88.5	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
77.6	86.7	88.1	88.7	89.1	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5
77.6	86.8	90.2	91.0	91.4	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
77.7	89.8	91.5	92.4	92.9	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
77.8	90.7	92.6	93.6	94.2	94.3	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
77.8	91.1	93.1	94.2	94.9	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
77.8	91.5	93.6	94.6	95.6	95.8	96.0	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
77.8	91.8	94.0	95.3	96.3	96.5	96.8	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
77.8	92.0	94.3	95.6	96.7	97.0	97.3	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
77.8	92.0	94.4	95.9	97.1	97.4	97.9	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
77.8	92.1	94.5	96.1	97.4	97.8	98.3	98.6	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
77.8	92.1	94.6	96.1	97.5	97.9	98.5	98.8	99.0	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
77.8	92.1	94.6	96.1	97.5	97.9	98.5	98.9	99.1	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7
77.8	92.1	94.6	96.1	97.5	97.9	98.5	98.9	99.1	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8
77.8	92.1	94.6	96.1	97.5	97.9	98.5	98.9	99.1	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8

77775

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

SKY COVER

[illegible] CARSWELL AFB TX 73-95 [illegible]
STATION STATION NAME PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NUMBER OF OBSERVATIONS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	[illegible]	30.9			14.2						4.5	27.4	5.1	1
	[illegible]	33.4			15.6						7.4	43.6	5.4	1
	[illegible]	21.6			22.4						11.1	39.2	6.1	1
	[illegible]	14.1			23.5						9.1	41.3	6.6	929
	[illegible]	17.5			24.2						15.7	39.5	6.4	1
	[illegible]	17.7			24.5						11.2	36.6	6.4	93
	[illegible]	21.6			23.2						14.4	36.5	6.3	93
	[illegible]	32.6			[illegible]						10.2	36.2	5.2	93
TOTALS		24.3			22.2						14.2	33.4	6.2	7433

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETTS
A ...EATHER SERVICE/MAC

SKY COVER

...TION | LAF ...ELL AFB TX | 23-8... | ...FL
STATION | STATION NAME | PERIOD | YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN NUMBER OF SKY COVER	...
		0	1	2	3	4	5	6	7	8	9	10		
FE	...-...	...6			...3						...3	...9	...5	...
	...-08	36.3			17.9						...4	24.5	...7	...4
	...-...	...8			...3						...9	...8	...9	...
	...-11	17.4			...9						...4	...7	...3	...
	12-14	16.9			25.9						...3	26.4	...2	...
	...-17	15.8			...4						22.9	21.5	...1	...
	18-2	19.7			...9						...1	...1	...7	...
	21-23	36.1			...9						11.6	...4	...7	...
TOTALS		...6			24.8						...5	23.1	...6	...

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SKY COVER

72... CARSWELL AFB TX 73-82 ...
STATION STATION NAME PERIOD ...

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN	TOTAL
		0	1	2	3	4	5	6	7	8	9	10		
...	...-...	33.3			...7						14.2	27....	...7	...
	03-05	21.5			17.3						14.2	34....	5.7	83
	...-...	16.5			...9						23....	38.9	...7	...
	...-11	13.5			...2						23....	30....	5.9	...
	12-14	13.6			27.7						24....	34....	5.5	79
	15-17	14.4			...7						27....	3...5	.2	...
	18-20	17.6			29.1						23.6	29.6	...7	714
	21-23	31.6			24.2						17.4	25....	4.9	...
TOTALS		21....			24....						22.1	32....	6....	7414

USAFETAC FORM JUL 64 0-P-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...TAC
...EATHER SERVICE/MAC

SKY COVER

...SCS | CAMPBELL AFB TX | 73-8... | ...
STATION | STATION NAME | PERIOD | YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AP...	...-02	32.1			21.8						...7.1	29.1	.1	6...
	03-.5	2...9			1...4						17.6	35.1	...1	...7
	06-08	44.1			24.7						25....	5...1	...7	6...9
	...11	15....			19.7						...4	37....	...7	...
	12-14	44.7			23.7						31....	37.4	...5	6...
	15-17	15.6			25.7						24.4	29.2	5.3	6...
	18-20	17.8			6						...3	...3	5....	6...
	21-23	29.7			...4						1...7	...6...	...1	6...
TOTALS		...1.2			23.7						...4.1	...1.1	...7	...167

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]LTAC
[illegible]EATHER SERVICE/MAC

SKY COVER

[illegible]95 LAREDELL AFB TX [illegible] [illegible]
STATION STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN [illegible]	[illegible]
		0	1	2	3	4	5	6	7	8	9	10		
MAY	[illegible]-02	33.1			[illegible].5						1[illegible].3	[illegible].1	.1	[illegible]
	[illegible]-05	[illegible].6			[illegible].2						1[illegible].3	[illegible].1	5.7	[illegible]
	[illegible]-08	17.1			[illegible].3						[illegible].3	[illegible].1	[illegible].4	[illegible]
	[illegible]-11	12.0			[illegible].3						[illegible]2.	[illegible].1	[illegible].4	[illegible]
	12-14	12.2			[illegible].5						[illegible].7	[illegible].7	[illegible].3	[illegible]
	[illegible]-17	11.7			37.4						[illegible].8	[illegible]	[illegible].3	[illegible]
	[illegible]-20	14.3			[illegible].4						[illegible]4.	[illegible].3	[illegible].6	[illegible]
	21-23	29.4			[illegible].4						[illegible].2	[illegible].	[illegible].3	[illegible]
TOTALS		[illegible].5			[illegible].1						[illegible].7	[illegible].7	[illegible].3	74331

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SKY COVER

...549 | ...ARSWELL AFB TX | 73-9...

STATION | STATION NAME | PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OBS
		0	1	2	3	4	5	6	7	8	9	10		
...T	...-...	42.7			24.7						14.7	17.8	3.9	
	...-...	31.3			27.7						23.1	13.2	4.7	
	...-11	13.7			33.4						31.7	21.2	6.7	
	...-11	13.3			30.1						33.2	23.3	6.9	
	12-14	11.1			4...1						32.9	22.1	6.9	
	15-17	12.7			33.1						27.5	7.3	4.3	
	18-20	19.7			43.1						25.4	9.7	4.4	
	21-23	30.5			32.4						17.7	13.2	5.9	
TOTALS		22.7			37.5						23.7	14.5	4.9	7193

...GAL CLIMATOLOGY BRANCH
...AFETAC
...WEATHER SERVICE/MAC

SKY COVER

...23 ... CARSWELL AFB TX 23-82
STATION STATION NAME PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS	TOTAL NUMBER
		0	1	2	3	4	5	6	7	8	9	10		
JUL	...-...	47.5			...5						14.5	...5	...1	
	...-...	42.1			31.5						14....	11....	...4	
	...-...	23.3			41.5						27.1	11.	4....	
	...-...	27.4			43.2						25.6	3.7	4....	
	15-14	7.2			55.8						31.2	5....	...1	
	15-17	6.2			56.5						28.1	9.1	...1	
	18-2	12.9			53.7						24....	9....	4.7	
	21-23	31.9			57.3						10.6	8.3	...4	
TOTALS		24.4			43.5						22.1	...4	4....	......

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

SKY COVER

...95 CARSWELL AFB TX 7...-...2 A...
STATION STATION NAME PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS SKY COVER	TOTAL NO. OBS
		0	1	2	3	4	5	6	7	8	9	10		
...	...-02	4...1			31.6						11.5	1...4	5.1	...
	03-05	42.7			31....						14.2	11.2	5.4	...
	06-08	21.1			43.4						24.5	11.0	4.6	...
	09-11	17.5			45.0						14....	23.7	5.7	...
	12-14	6.0			34.2						19.7	1...0	5.2	...
	15-17	5.2			36.1						28.0	5.5	5.1	...
	18-20	13.6			33.6						24.5	9.3	4.7	...
	21-23	41.7			35.3						15....	7....	4.3	...
TOTALS		24.5			43.0						11.2	1...4	4.3	7431

USAFETAC FORM JUL 66 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

[illegible] CARSWELL AFB TX 73-82 [illegible]
STATION STATION NAME PERIOD YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NUMBER OF OBSERVATIONS
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	[illegible]	4[illegible].7			[illegible].						12.5	[illegible].6	[illegible].2	[illegible]
	[illegible]-05	3[illegible].5			2[illegible].3						11.5	[illegible].5	[illegible].	[illegible]
	[illegible]-[illegible]	1[illegible].7			[illegible].4						[illegible].1	[illegible].2	[illegible].7	[illegible]
	[illegible]-11	17.2			36.						[illegible].9	[illegible].[illegible]	[illegible].5	[illegible]
	12-14	10.3			45.9						[illegible].1	19.5	[illegible].[illegible]	[illegible]
	15-17	11.6			44.7						27.9	[illegible].3	[illegible].4	[illegible]
	18-20	[illegible].3			41.9						23.4	14.4	[illegible].2	[illegible]
	21-23	37.1			3[illegible].7						14.3	[illegible].	[illegible].[illegible]	[illegible]
TOTALS		[illegible].			36.[illegible]						[illegible].1	[illegible].[illegible]	[illegible].[illegible]	7187

CL[illegible]AL CLIMATOLOGY BRANCH
[illegible]FETAC
A[illegible] WEATHER SERVICE/MAC

SKY COVER

[illegible]-[illegible] | CANNELL AFB TX | [illegible]-[illegible] | [illegible]
STATION | STATION NAME | PERIOD | WBAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	[illegible]-00	43.[illegible]			24.4						14.1	17.7	[illegible]	[illegible]
	[illegible]-05	[illegible]			22.6						15.6	21.1	4.2	[illegible]
	6-[illegible]	42.7			[illegible].4						14.3	22.6	[illegible].4	[illegible]
	[illegible]-11	21.9			[illegible].7						12.5	24.7	[illegible].4	[illegible]
	12-14	22.2			33.3						13.6	21.1	[illegible].2	[illegible]
	15-17	21.7			[illegible].1						[illegible].6	16.6	[illegible]	[illegible]
	[illegible]-[illegible]	32.3			32.5						[illegible].7	16.5	4.3	[illegible]
	[illegible]-23	42.4			[illegible].0						13.6	15.[illegible]	3.7	[illegible]
TOTALS		31.			27.8						17.8	19.[illegible]	4.[illegible]	[illegible]424

...AL CLIMATOLOGY BRANCH
...SFLTAC
A... WEATHER SERVICE/MAC

SKY COVER

...599 CARSWELL AFB TX 73-82 ...
STATION STATION NAME PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
NOV	0-02	37.6			21.7						14.5	27.7	4.1	...
	03-05	37.7			19.4						12.8	31.5	4.3	697
	06-08	25.4			24.6						16.9	33.2	5.5	697
	09-11	23.2			26.1						18.8	32.	5.7	697
	12-14	21.6			25.6						23.6	28.3	5.7	696
	15-17	13.2			33.9						22.8	25.7	5.6	696
	18-20	29.3			29.1						16.6	25.1	4.9	697
	21-23	41.9			20.2						13.5	25.3	4.4	696
TOTALS		29.4			24.7						17.5	28.4	5.2	7183

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

SKY COVER

...395 CARSWELL AFB TX 73-5... ...S
STATION STATION NAME PERIOD YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NUMBER OF OBSERVATIONS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	3-02	41.6			22.4						11.6	25.4	4.8	2[illegible]
	05-08	41.3			21.9						7.9	28.2	4.8	252
	09-08	27.9			27.8						13.1	27.1	5.1	229
	9-11	21.7			26.5						12.9	29.9	5.7	233
	12-14	21.1			27.7						14.5	25.7	5.6	229
	15-17	17.			34.1						14.6	24.2	5.7	224
	18-20	25.6			33.5						17.1	23.4	5.3	225
	21-23	37.5			23.1						13.6	25.6	4.5	225
TOTALS		29.			27.1						17.8	25.2	5.3	7415

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL HAL CLIMATOLOGY BRANCH
USAFETAC
AI WEATHER SE VICE/MAC

SKY COVER

[illegible] CARSWELL AFB TX 73-82 ALL

STATION STATION NAME PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NUMBER OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	24.3			[illegible].2						14.9	38.6	.5	7433
FEB		25.6			24.5						16.5	33.1	[illegible].5	6754
MAR		21.3			24.3						2.1	32.4	4.	7414
APR		21.2			23.7						24.1	31.1	5.[illegible]	7167
MAY		16.5			37.1						24.7	26.7	5.[illegible]	7433
JUN		22.5			37.5						25.5	14.5	4.[illegible]	7197
JUL		24.4			43.5						22.1	9.5	4.3	7[illegible]2
AUG		24.5			43.9						21.2	10.4	4.3	7432
SEP		24.2			36.8						2 .1	19.	4.[illegible]	7187
OCT		31.[illegible]			27.3						19.8	19.5	4.6	7424
NOV		29.4			24.7						17.5	28.4	5.2	7183
DEC		29.[illegible]			27.[illegible]						17.8	26.2	5.3	7415
TOTALS		24.6			30.7						2 .5	24.2	5.2	87[illegible]5

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidities. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency by class of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and the number of observations in three separate tables as follows:

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

   NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: The following symbols are used in the extreme data blocks:

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

These [illegible] and standard deviations [illegible] for [illegible] the month.

Continued on Reverse

E

3. 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 annual, all hours and 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 with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

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 dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point 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.

NOTE: Wet-bulb temperature usually was not reported prior to 1948. Relative humidity usually was not reported prior to 1948, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. 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% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

...L CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC
...LARK-ELL AFB TX

STATION NAME

48-52

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN A
[illegible]						.2		.1					.
[illegible]						.8	2.6	3.4	.3	.1			.3
[illegible]					.2	5.7	25.0	25.7	3.5				.3
95			.4	.6	3.6	37.1	63.5	58.1	23.4	1.1			1.3
[illegible]			1.2	3.1	17.4	65.8	87..	84.6	46.3	7.8		.2	20.7
90	.3	2.1	5.5	15.2	46.3	87.5	95.6	96.7	69.2	20.7	3.2	.6	37..
85	1.3	5.1	14.4	37.3	71.7	95.3	99.3	99.1	84.9	48.4	10.4	2.5	47.7
80	6.9	13.2	29.2	58.9	87.6	98.8	100.0	99.9	94..	67.1	24.3	6.8	57..
75	18.3	25.7	45.5	77..	95.4	99.8		100.0	98.3	83.4	41.3	18..	66.3
70	26.5	37.6	62.9	89.8	98.5	100.0			99.3	91.3	59.3	32.7	74.7
65	40.5	52.1	76.7	95.8	99.3				99.8	96..	72.1	49.1	81..
60	53.1	65.7	86.1	99.1	99.9				100.0	98.6	82.7	63.7	87..
55	65.9	77.4	92.7	99.8	100.0					99.7	91.1	77.8	92.
50	75.2	86.8	96.1	99.9						100.0	96.3	87.1	95..
45	82.3	92.9	98.9	100.0							98.9	94.6	97.3
40	87.1	97.1	99.8								99.7	98.2	98.7
35	91.1	99.5	100.0								100.0	99.3	99.6
30	96.9	99.9										99.8	99.9
25	99.7	100.0										100.0	100.0
20	100.0												100.0
MEAN	54.6	59.7	67.3	75.8	82.9	91.1	95.6	95.3	87.9	75.1	65.9	58.5	76.1
S.D.	14.5312	12.7491	11.625	8.553	7.238	6.085	5.512	5.669	8.004	9.3121	11.2211	11.451	17.116
TOTAL OBS	1054	960	1054	1020	1054	1020	1054	1053	1020	1054	1019	1054	12418

USAFETAC FORM 0-2155 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
[illegible]899 DYESS AFB TX 45-52

STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS

MINIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN A
80							.4						.
75							.4						.
70						1.3	10.5	12.3	1.1				.2
65				.4	1.7	31.5	67.0	55.2	16.4	.7			19.8
60			.2	2.8	19.7	71.8	95.7	90.9	49.3	7.5	.5		31.4
55			2.4	15.1	51.4	92.6	99.2	99.[illegible]	73.3	27.9	3.3	.4	47.2
50	1.5	1.1	8.7	36.5	77.5	98.3	100.0	100.0	89.6	41.9	6.6	2.4	62.4
45	4.3	5.1	20.0	57.4	90.7	100.0			97.3	62.1	15.4	5.5	75.2
40	10.3	14.3	36.3	77.8	98.3				99.6	81.3	33.7	11.[illegible]	85.7
35	17.2	26.8	56.4	90.2	99.8				100.0	94.5	54.4	22.[illegible]	91.9
30	31.4	40.1	75.[illegible]	97.4	100.0					98.8	73.5	42.4	96.5
25	46.3	66.9	89.0	99.5						99.8	86.9	65.4	99.2
20	58.4	73.9	91.5	99.8						100.0	92.0	73.9	99.8
15	71.1	84.7	96.2	100.0							96.5	84.3	99.9
10	84.1	94.6	99.1								99.1	94.2	99.8
5	92.1	96.1	99.8								99.8	98.7	99.[illegible]
1	96.9	99.4	100.0								100.0	99.6	99.7
0	99.3	99.8										100.0	99.9
-5	99.9	100.0											100.0
-10	100.0												100.0
MEAN	34.7	38.8	46.1	55.8	63.9	71.7	75.7	74.8	68.3	57.2	45.3	38.3	55.7
S.D.	10.68	9.45	9.50	8.17	6.32	4.73	3.50	3.96	5.47	8.38	9.52	9.18	16.34
TOTAL OBS	1.54	96	1054	1020	1054	1020	1054	1054	1020	1054	1019	1054	12915

USAFETAC FORM 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC
...95 CARSWELL AFB TX 47-52
STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN A
[illegible]						.2	.5	.2					.[illegible]
[illegible]						3.7	16.7	19.9	1.7				[illegible]
65					1.7	31.4	66.3	57.[illegible]	19.4	.3			14.[illegible]
[illegible]			.6	1.8	16.3	69.[illegible]	91.9	90.1	47.1	5.4			37.[illegible]
70		.1	2.7	13.2	49.1	91.[illegible]	99.[illegible]	98.8	72.2	22.5	2.1	.3	77.[illegible]
75	.[illegible]	1.2	9.7	35.7	76.1	97.9	100.0	99.9	9[illegible]	43.5	5.7	1.5	47.[illegible]
80	4.5	5.2	23.3	61.[illegible]	91.2	99.5		100.0	96.5	68.1	20.[illegible]	5.1	58.7
[illegible]	18.9	18.[illegible]	43.4	79.6	97.6	100.0			99.4	84.3	37.2	11.9	69.[illegible]
[illegible]	30.7	32.[illegible]	61.8	91.6	99.5				99.9	94.[illegible]	57.7	27.5	73.9
[illegible]	38.2	51.[illegible]	77.[illegible]	98.6	100.0				100.0	98.6	74.6	45.	81.9
40	52.8	63.2	89.[illegible]	99.8						99.7	88.3	67.2	85.6
45	68.7	84.1	95.5	99.9						100.0	95.6	83.5	94.[illegible]
50	81.[illegible]	91.8	98.1	100.0							98.6	93.2	98.9
55	89.3	97.4	99.7								99.9	98.1	99.7
60	95.4	99.5	100.0								100.0	99.2	99.[illegible]
2	98.5	99.9										100.0	99.9
15	99.7	100.0											100.[illegible]
10	100.0												100.[illegible]
MEAN	44.9	49.5	56.9	66.0	73.6	81.7	85.8	85.3	75.3	67.9	54.1	48.6	66.4
S.D.	11.538	10.283	9.799	7.538	6.199	5.048	4.276	4.441	6.691	8.376	9.554	9.444	16.358
TOTAL OBS	1054	960	1054	1020	1054	1020	1054	1053	1020	1054	1019	1054	12416

USAFETAC [illegible] 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

[illegible] CARSWELL AFB TX 49-82
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49	79	73	77	89	97	96	1[illegible]	103	98	86	96	77	1[illegible]
50	84	84	88	94	95	94	96	100	94	92	87	85	[illegible]
51	85	84	89	94	99	98	1[illegible]7	11[illegible]	[illegible]7	105	86	8[illegible]	11[illegible]
52	89	90	92	98	96	[illegible]03	105	1[illegible]6	1[illegible]6	95	87	[illegible]	[illegible]
53	84	81	81	89	97	100	103	1[illegible]0	100	94	76	74	1[illegible]
54	74	86	93	91	95	1[illegible]1	109	105	103	96	81	83	[illegible]
55	74	74	93	96	96	96	1[illegible]4	105	96	91	89	8[illegible]	[illegible]
56	79	88	95	87	96	102	108	106	100	96	81	79	1[illegible]
57	79	86	78	93	94	1[illegible]1	106	[illegible]05	99	[illegible]2	79	7[illegible]	1[illegible]6
58	67	75	71	92	1[illegible]0	99	[illegible]02	104	98	94	81	8[illegible]	1[illegible]4
59	77	87	89	91	97	102	97	103	99	89	80	75	1[illegible]
60	77	86	86	96	95	1[illegible]4	104	10[illegible]	96	91	86	7[illegible]	1[illegible]4
61	75	81	84	88	92	96	93	1[illegible]0	99	87	82	75	1[illegible]
62	74	85	84	95	95	95	102	103	95	92	84	73	1[illegible]
63	77	88	87	99	95	99	104	102	[illegible]01	94	87	7[illegible]	1[illegible]4
64	77	71	78	89	92	94	1[illegible]6	[illegible]07	98	88	9[illegible]	[illegible]4	10[illegible]
65	74	74	75	96	90	95	100	100	102	92	87	77	[illegible]
66	71	73	86	90	99	96	102*	105	95	94*	86	8[illegible]	* 10[illegible]
67	80	78	95	90	100	100	107	104	92	90	81	76	10[illegible]
68	79	71	81	88	92	97	98	103	99	92	82	73	1[illegible]
69	80	84	86	84	94	104	103	106	94	93	86	74	1[illegible]
70	84	81	85	86	89	100	104	105	97	87	82	82	10[illegible]
71	78	82	93	89	91	99	102	95	96	88	81	78	10[illegible]
72	79	83	87	96	91	[illegible]07	99	102	97	93	76	74	1[illegible]
73	74	79	79	83	96	90	98	10[illegible]	95	87	84	[illegible]	10[illegible]
74	78	80	90	88	96	95	106	100	91	83	90	76	1[illegible]
75	82	77	84	90	9[illegible]	94	93	97	99	95	88	[illegible]	99
76	78	85	85	84	89	97	97	10[illegible]	96	90	79	7[illegible]	10[illegible]
77	78	82	84	96	92	99	107	103	105	99	84	87	1[illegible]
78	81	75	83	89	98	[illegible]01	106	103	99	93	87	8[illegible]	1[illegible]
MEAN													
S D													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM [illegible] 0-88-5 (OLA)

DL PAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATION

722595 CARSWELL AFB TX 49-82
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN MONTHS
7	5	82	92	95	86	100	100	94	95	96	79	86	1
8	78	85	85	94	95	110	105	105	101	96	86	91	11
8	77	81	85	90	91	95	101	101	92	91	85	90	101
8	79	84	87	94	94	95	100	104	101	93	86	92	1
MEAN	77.9	80.8	85.3	89.4	84.3	99.1	102.4	102.8	98.4	92.1	83.2	7	1
S D	4.051	5.260	5.927	3.915	3.351	3.931	3.862	3.382	3.953	4.303	3.054	5.296	
TOTAL OBS	1 54	96	1 54	1 20	1054	102	1054	1 53	1 22	1054	1 19	1054	124

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OL-A)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DATA OBSERVATIONS

[illegible] CARSWELL AFB TX 48-52
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]	[illegible]	12	32	42	59	66	71	69	54	4[illegible]	33	[illegible]	
[illegible]	-7	21	22	30	57	64	66	62	51	5[illegible]	16	11	-1
[illegible]	13	5	35	40	52	62	7[illegible]	7[illegible]	56	4[illegible]	21	19	[illegible]
[illegible]	-2	31	32	37	49	60	63	7[illegible]	52	3[illegible]	3[illegible]	[illegible]	[illegible]
53	[illegible]	26	34	36	51	67	64	66	61	44	35	[illegible]	[illegible]
[illegible]	-6	31	29	37	42	58	73	72	57	41	35	8[illegible]	[illegible]
55	[illegible]	31	24	40	60	57	71	60	65	41	23	[illegible]	[illegible]
56	-[illegible]	22	29	41	58	62	73	64	59	47	26	[illegible]	-1
57	19	36	29	31	48	65	75	65	56	34	33	[illegible]	[illegible]
58	-[illegible]	19	35	44	51	65	69	67	57	47	26	[illegible]	[illegible]
59	9	16	32	41	59	66	71	66	59	41	21	34	[illegible]
[illegible]	-2[illegible]	18	20	40	40	60	7[illegible]	66	52	46	32	[illegible]	[illegible]
[illegible]	12	29	37	36	51	61	65	61	54	45	36	19	1[illegible]
62	-[illegible]	19	17	37	47	63	66	64	61	48	36	[illegible]	
63	9	23	31	47	51	60	71	7[illegible]	52	5[illegible]	31	15	[illegible]
64	-[illegible]	25	30	36	53	56	63	7[illegible]	57	42	27	15	-1
65	2[illegible]	19	2[illegible]	44	5[illegible]	65	68	66	[illegible]2	41	36	[illegible]	[illegible]
66	-[illegible]	24	32	41	51	63	71*	64	56	4[illegible]*	33	[illegible]	[illegible]
67	[illegible]	23	27	46	49	64	65	6[illegible]	48	39	3[illegible]	[illegible]	[illegible]
68	-[illegible]	26	26	36	51	63	66	6[illegible]	54	4[illegible]	35	[illegible]	[illegible]
69	19	29	23	43	48	5[illegible]	7[illegible]	70	61	4[illegible]	29	[illegible]2	[illegible]
70	-[illegible]	23	34	37	47	56	61	67	52	37	24	24	[illegible]
71	17	15	24	34	46	60	62	65	46	48	36	3[illegible]	[illegible]
72	-[illegible]	19	31	39	54	58	61	67	5[illegible]	44	3[illegible]	[illegible]	[illegible]
73	7	22	37	33	47	62	75	68	57	39	36	[illegible]	[illegible]
74	-[illegible]	25	27	3[illegible]	51	58	7[illegible]	67	[illegible]2	44	27	[illegible]2	[illegible]
75	[illegible]	21	29	32	52	57	69	7[illegible]	5[illegible]	45	27	[illegible]	[illegible]
76	-[illegible]	24	34	4[illegible]	52	6[illegible]	69	69	5[illegible]	3[illegible]	17	[illegible]	[illegible]
77	[illegible]	26	35	4[illegible]	5[illegible]	67	7[illegible]	72	62	[illegible]	3[illegible]	[illegible]	[illegible]
78	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-
S D	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OBS	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM AUG 84 0-88-5 (OLA)

...GLOBAL CLIMATOLOGY BRANCH
...ETAC
...AIR WEATHER SERVICE/MAC

2

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

...95 (STATION) LAREDO AFB TX (STATION NAME) 47-82 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MONTH
7-	1-	17	32	42	48	58	71	6-	5-	4-	2-	17	-5
8	2-	19	17	39	52	7-	7-	72	5-	13	3-	1-	1-
9-	2-	14	3-	43	48	6-	72	65	49	3-	37	2-	1-
8-	1-	17	32	4-	5-	57	7-	74	5-	4-	3-	1-	-3
MEAN	15.1	22.1	30.9	39.9	5-.8	64.9	6-.1	67.4	55.-	41.9	3-.7	21.7	14.-
S D	6.493	6.238	5.477	4.147	4.279	3.949	3.841	3.33-	4.5F	4.285	5-.15	5.225	4.95
TOTAL OBS	1054	960	1054	1020	1054	1020	1.54	1.53	1.2-	1 54	1.19	1 54	1.416

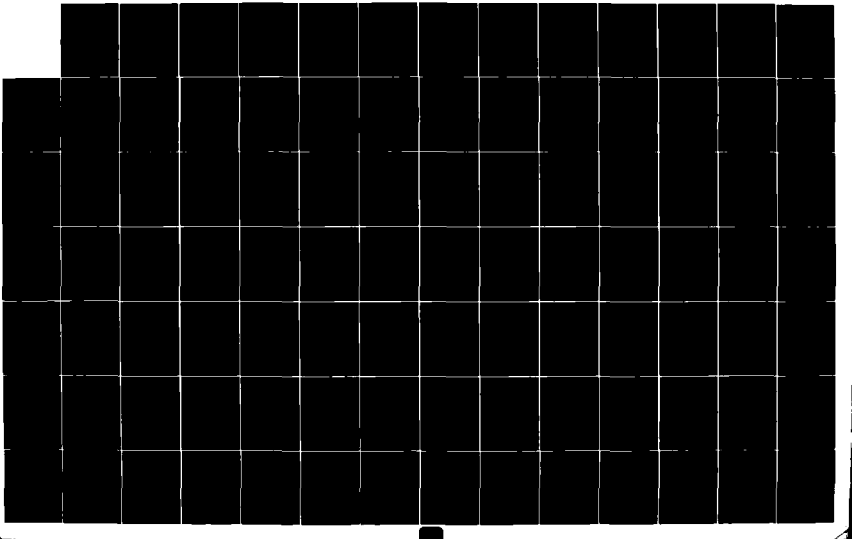
NOTES * (BASED ON LESS THAN FULL MONTHS)

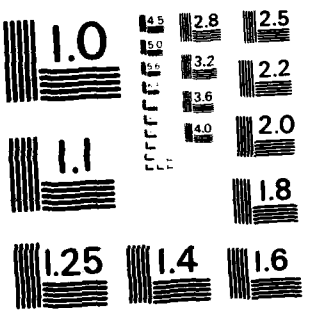
(AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM AM 88 0-88-5 (OLA)

AD-A131 193 CARSWELL AFB TEXAS REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATION..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAY 83 4/5

UNCLASSIFIED USAFETAC/DS-83/020 SBI-AD-E850 398 F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

2

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 +31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb / 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 FORM NO. 0-26-5 (OL-A)

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

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	Σ X	Σ X²	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												

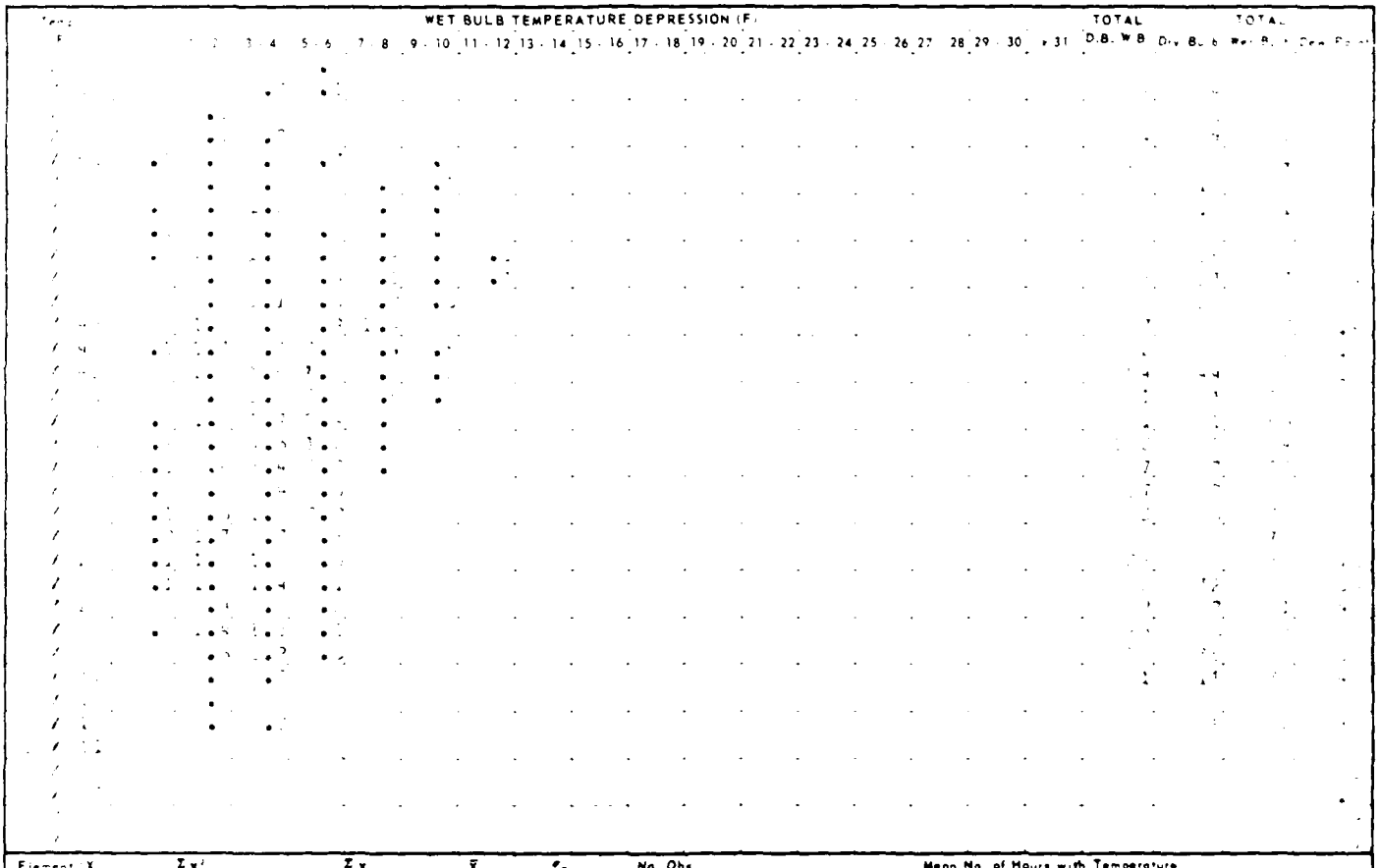
USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS



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 PREVIOUS EDITIONS ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

STATION NAME YEARS MONTH

HOURS

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

	Σ_X^2	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
Dry Bulb												
Wet Bulb												
Dew Point												

2

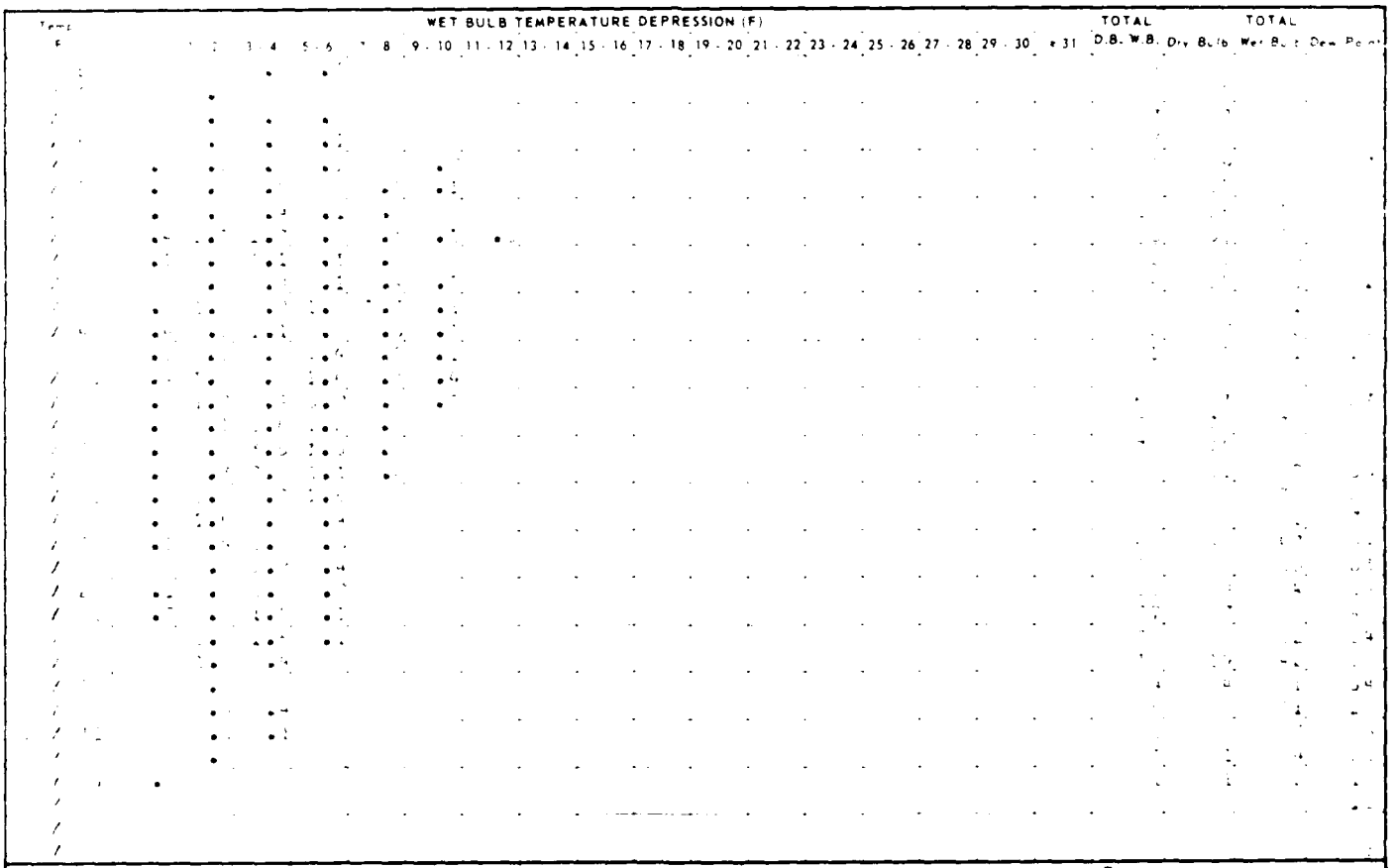
PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

HOURS



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

USAFETAC Form 0-26-5

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOUR

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

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)

2

PSYCHROMETRIC SUMMARY

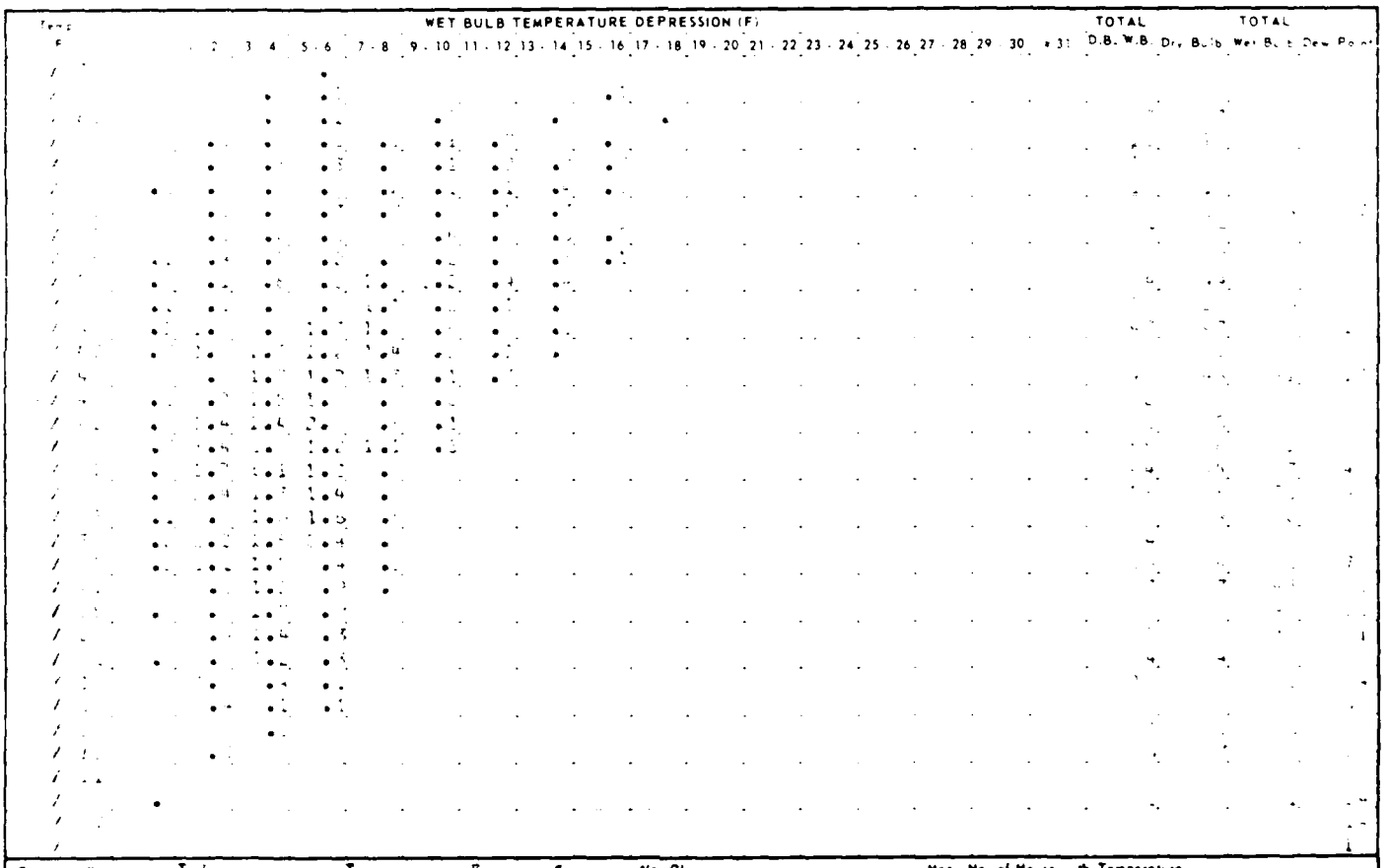
STATION

STATION NAME

YEARS

MONTH

HOURS



Element X	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 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 AUG 64

1

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

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
120																																				
115																																				
110																																				
105																																				
100																																				
95																																				
90																																				
85																																				
80																																				
75																																				
70																																				
65																																				
60																																				
55																																				
50																																				
45																																				
40																																				
35																																				
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5																																				
0																																				
-5																																				
-10																																				
-15																																				
-20																																				
-25																																				
-30																																				

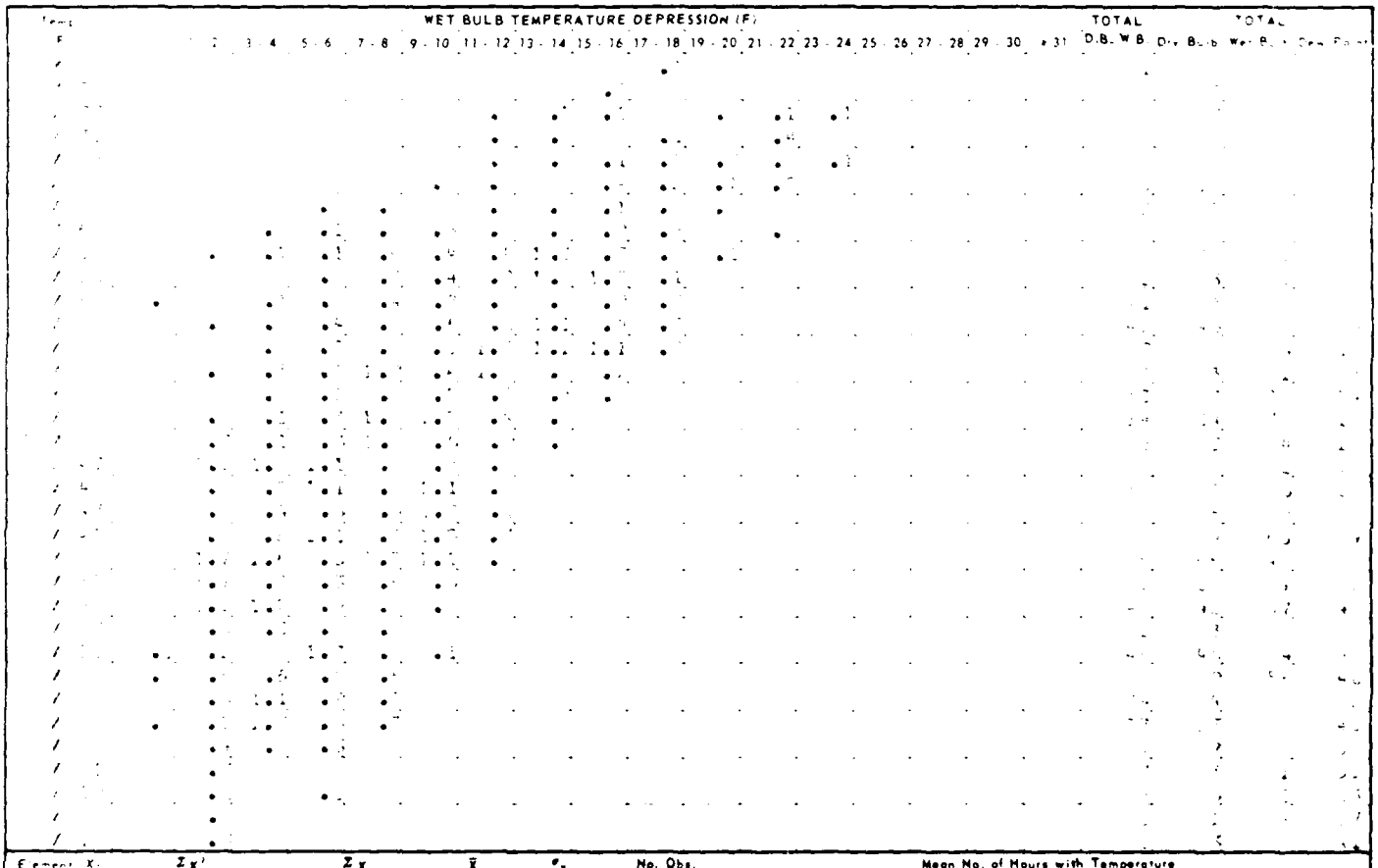
Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

2

PSYCHROMETRIC SUMMARY

STATION NAME YEARS



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

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

2

PSYCHROMETRIC SUMMARY

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

2

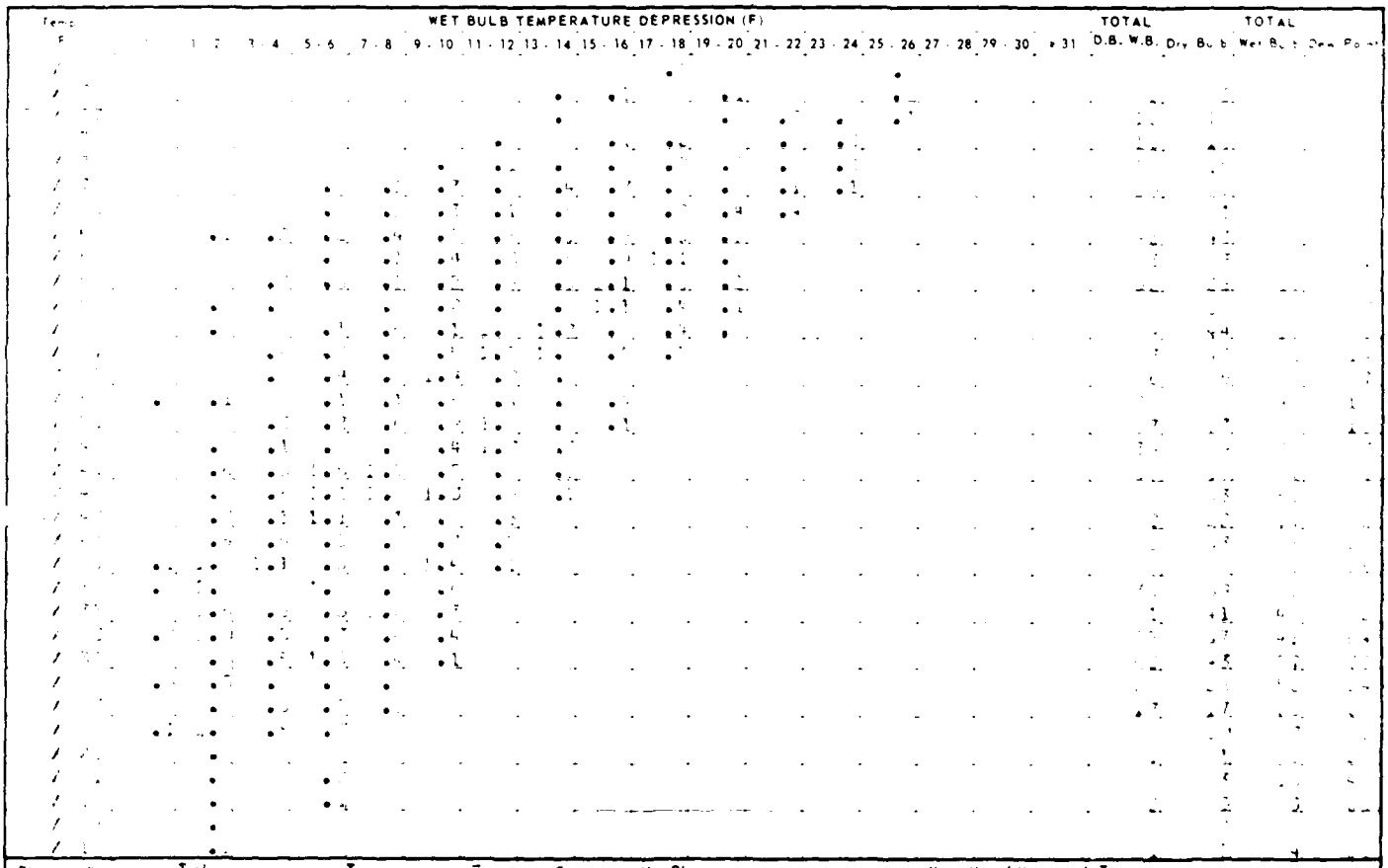
PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

HOURS



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

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

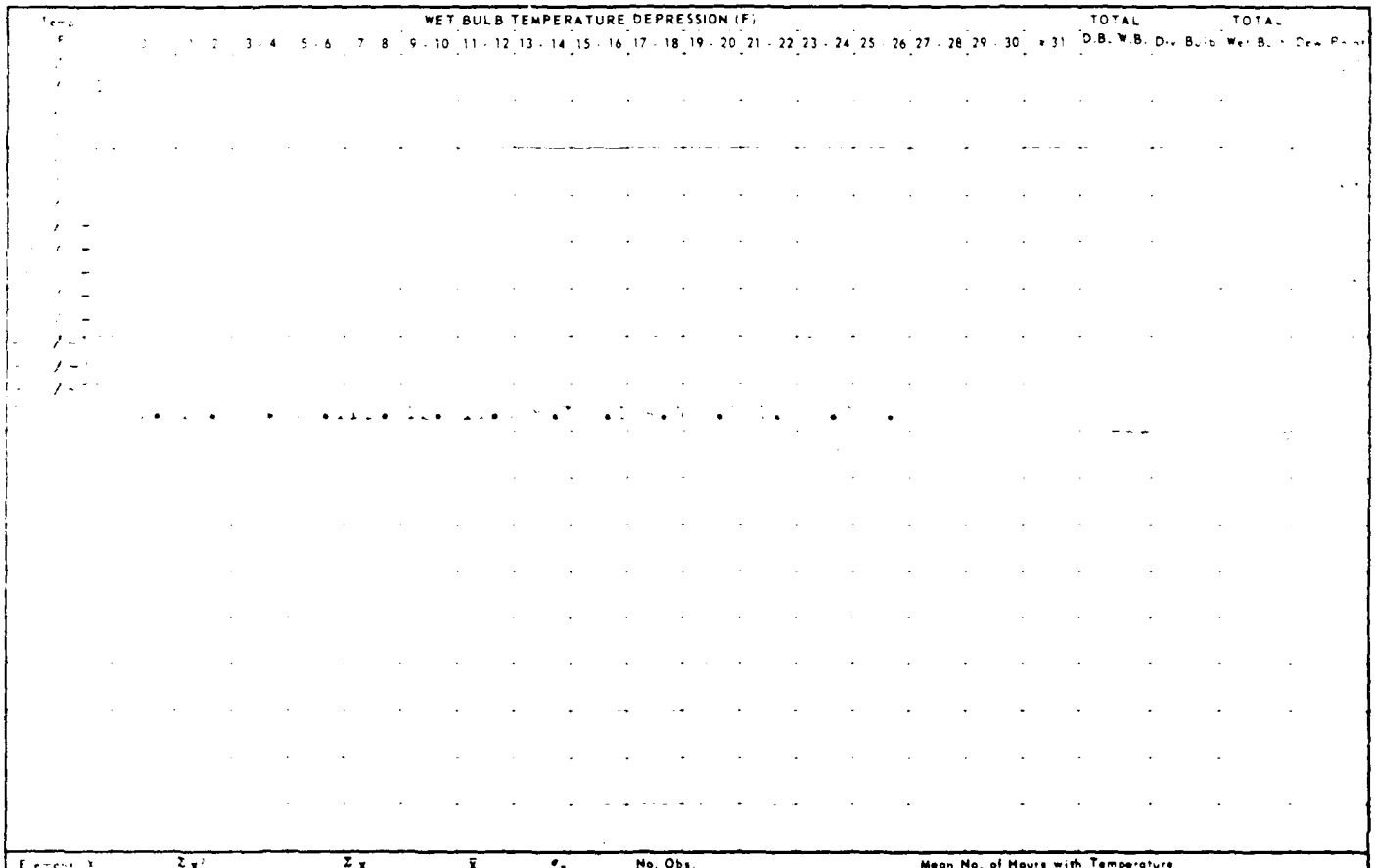
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PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH



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
Relative Humidity												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26 (OL 6A)

2

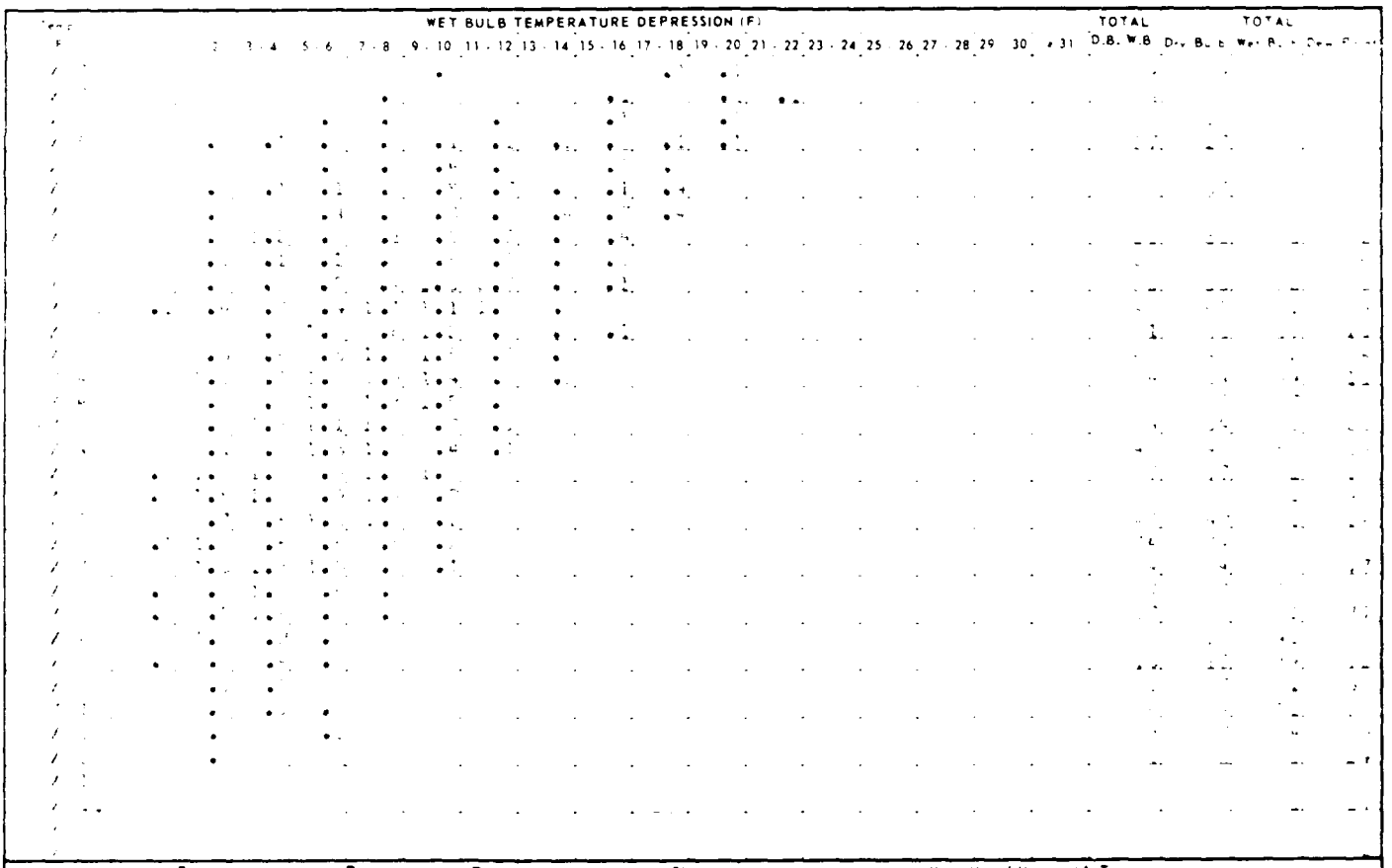
PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

HOURS



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

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

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

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

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

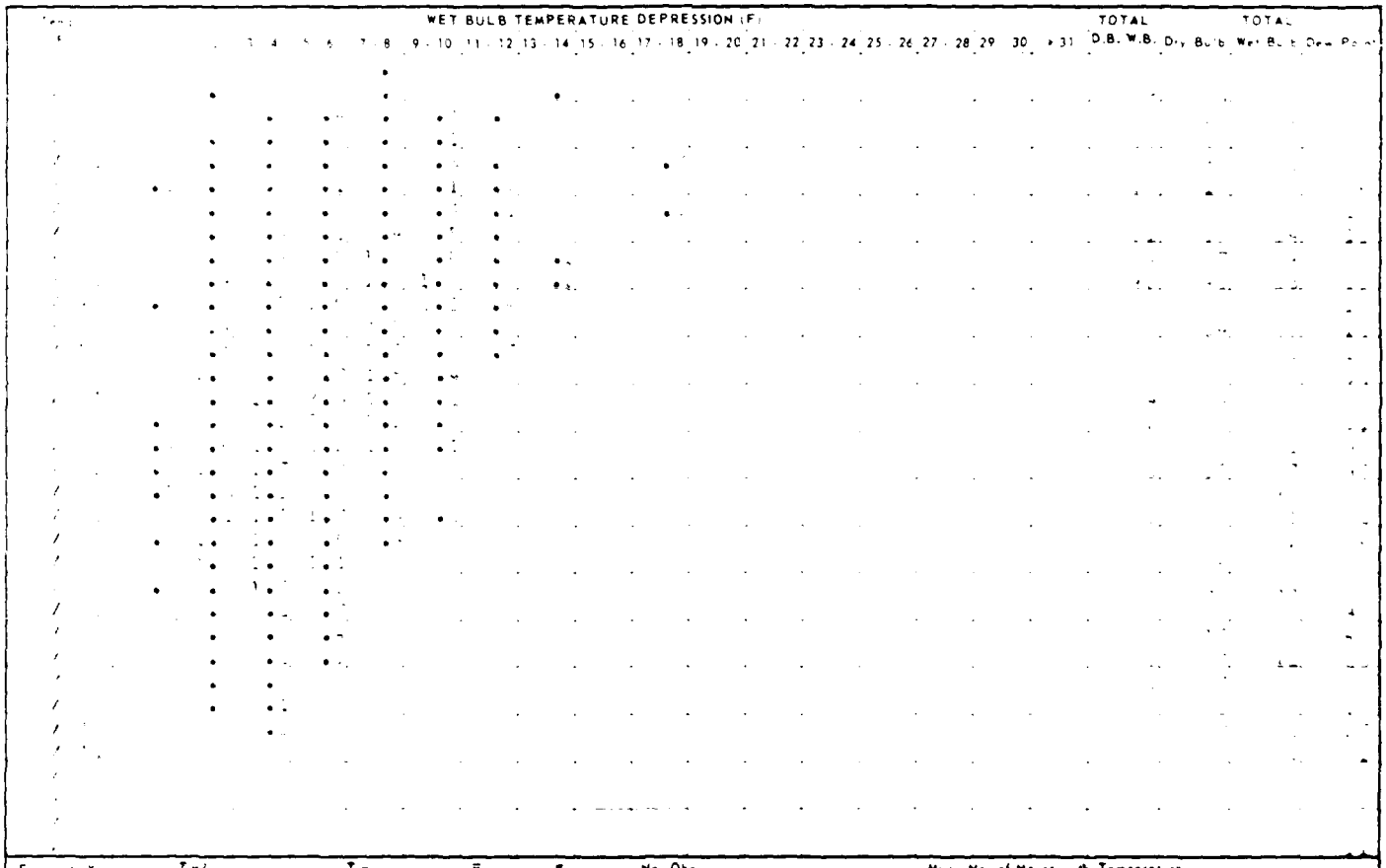
AFETAC FORM 0-265 (OL-A) PREVIOUS EDITION OF THIS FORM IS OBSOLETE

2

PSYCHROMETRIC SUMMARY

STATION NAME YEARS MONTH

HOURS



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
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

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]																					

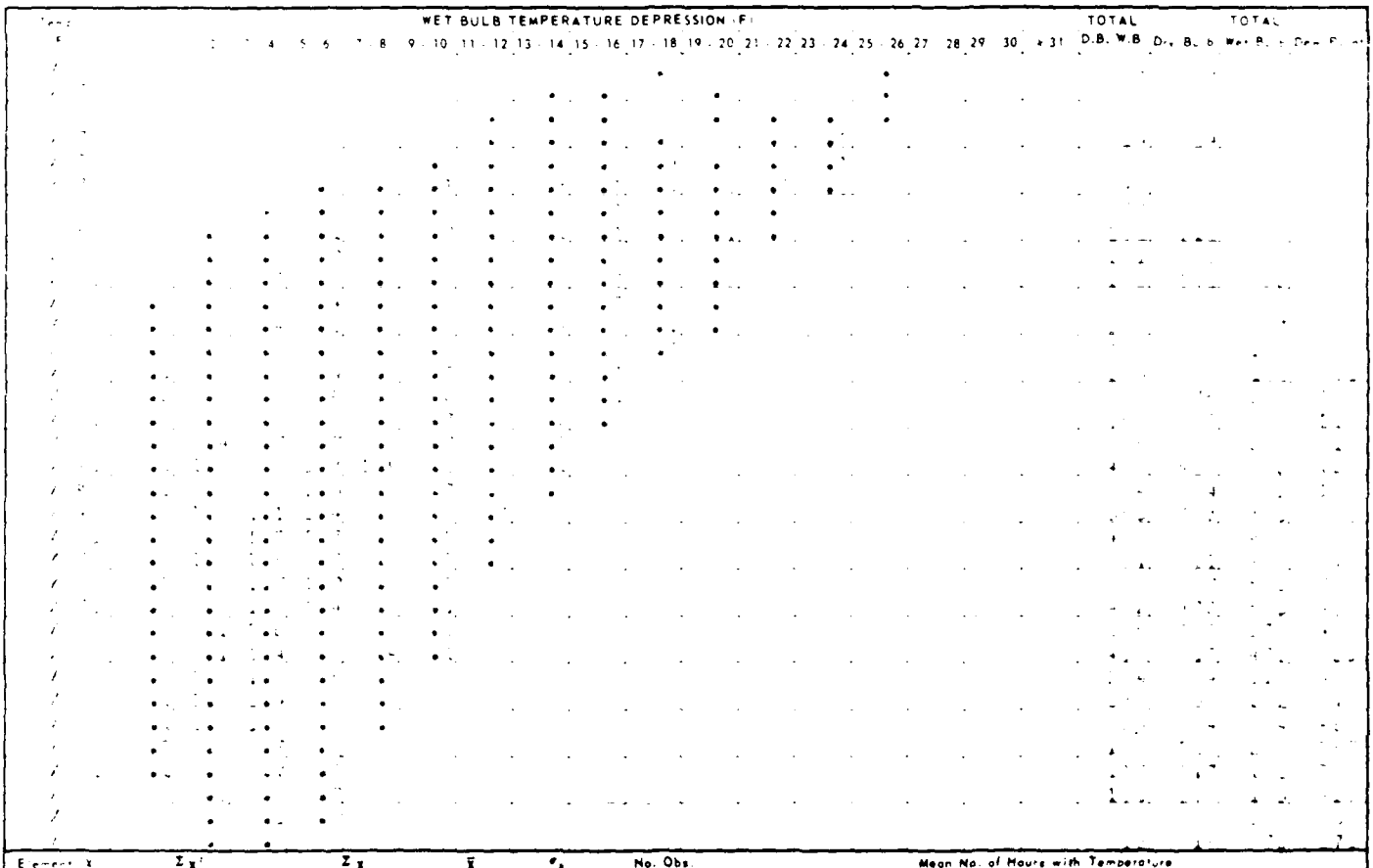
Element (x)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					
Wet Bulb	[illegible]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

USAFETAC FORM 0-26-5 (OL A)

2

PSYCHROMETRIC SUMMARY

STATION NAME YEARS MONTH HOURS



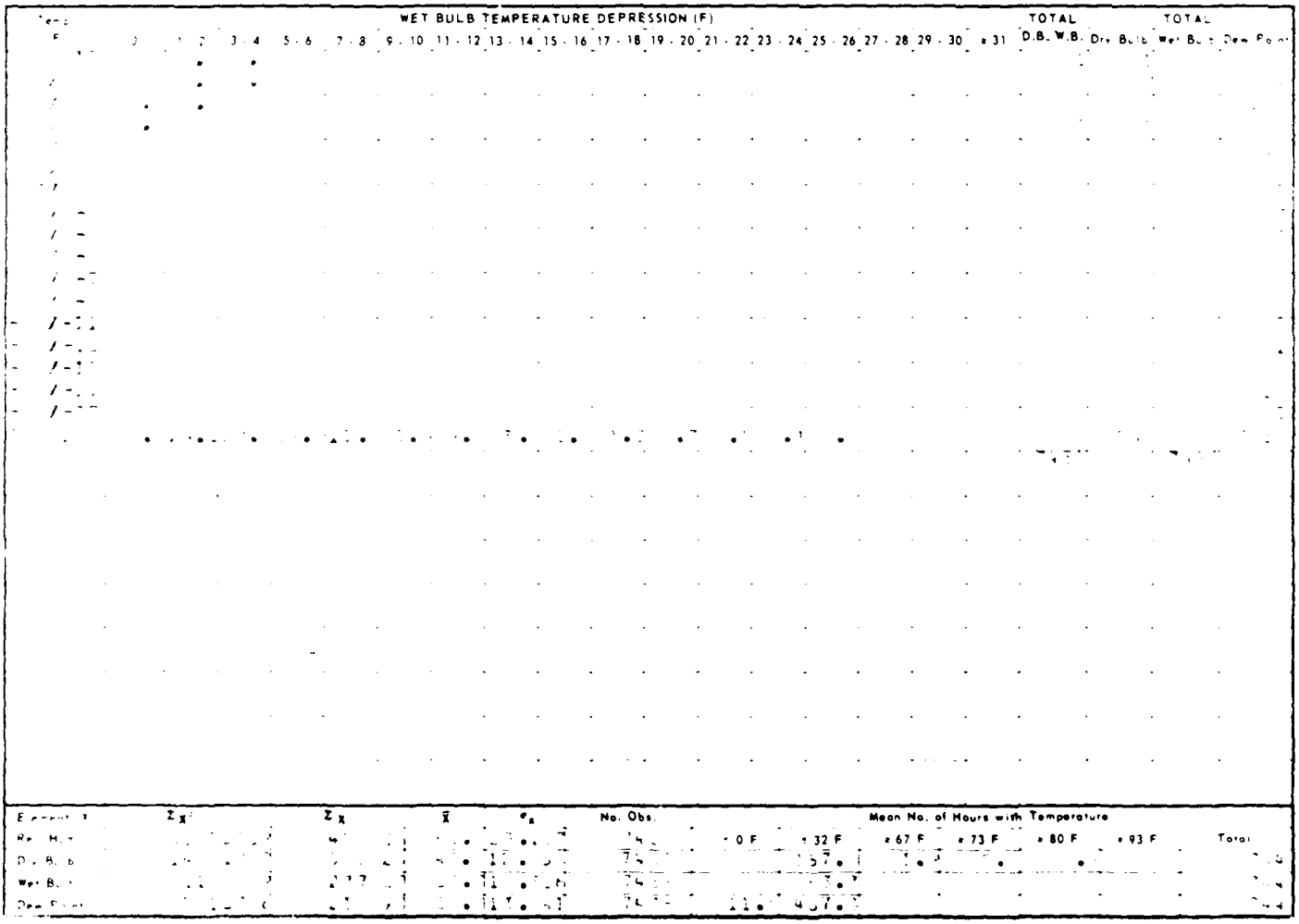
Element X	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH



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.												
Dry Bulb												
Wet Bulb												
Dew Point												

U.S. AFETAC Form 0-865 (OL-A) 80-6

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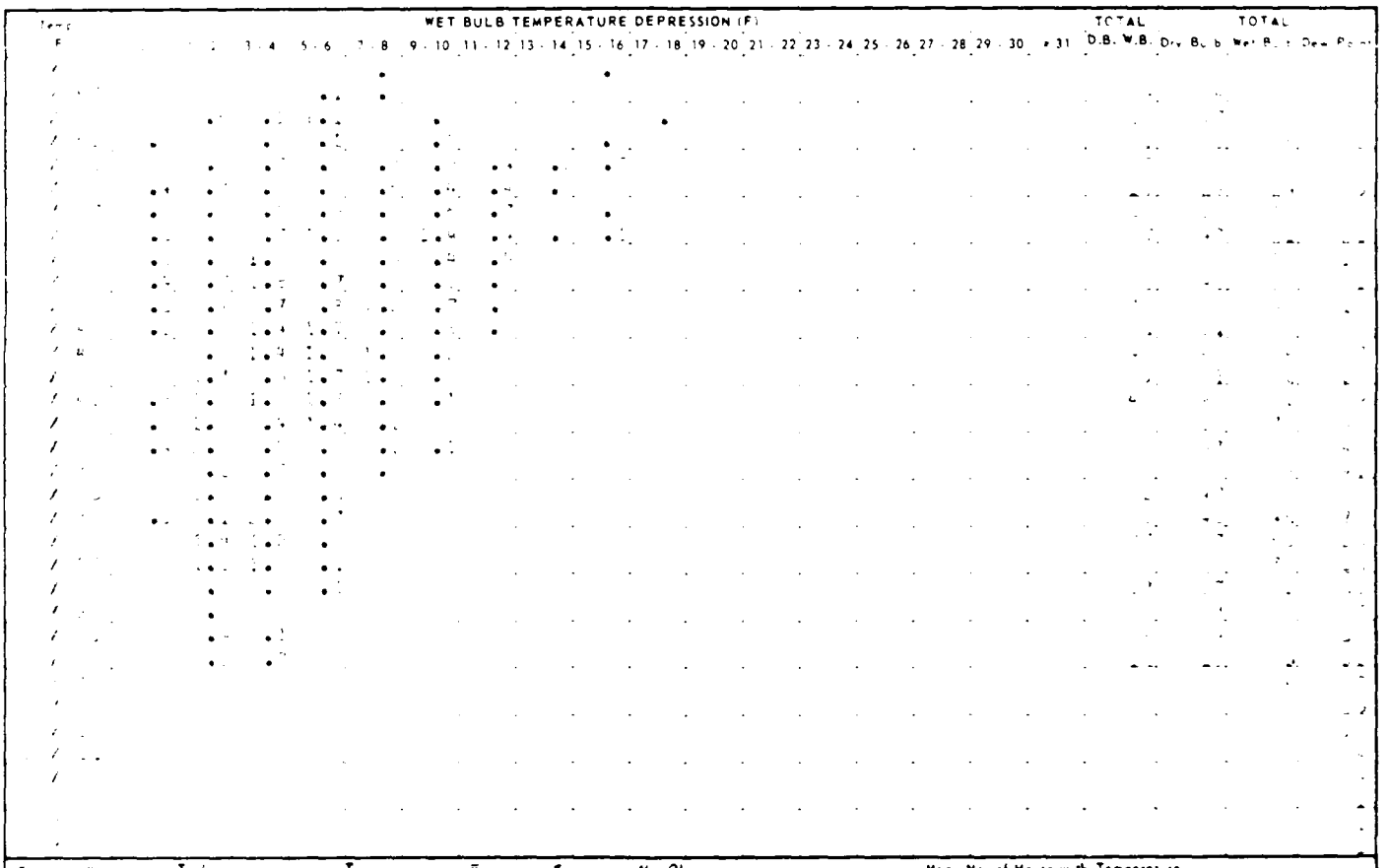
PSYCHROMETRIC SUMMARY

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
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH HOURS

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

2

PSYCHROMETRIC SUMMARY

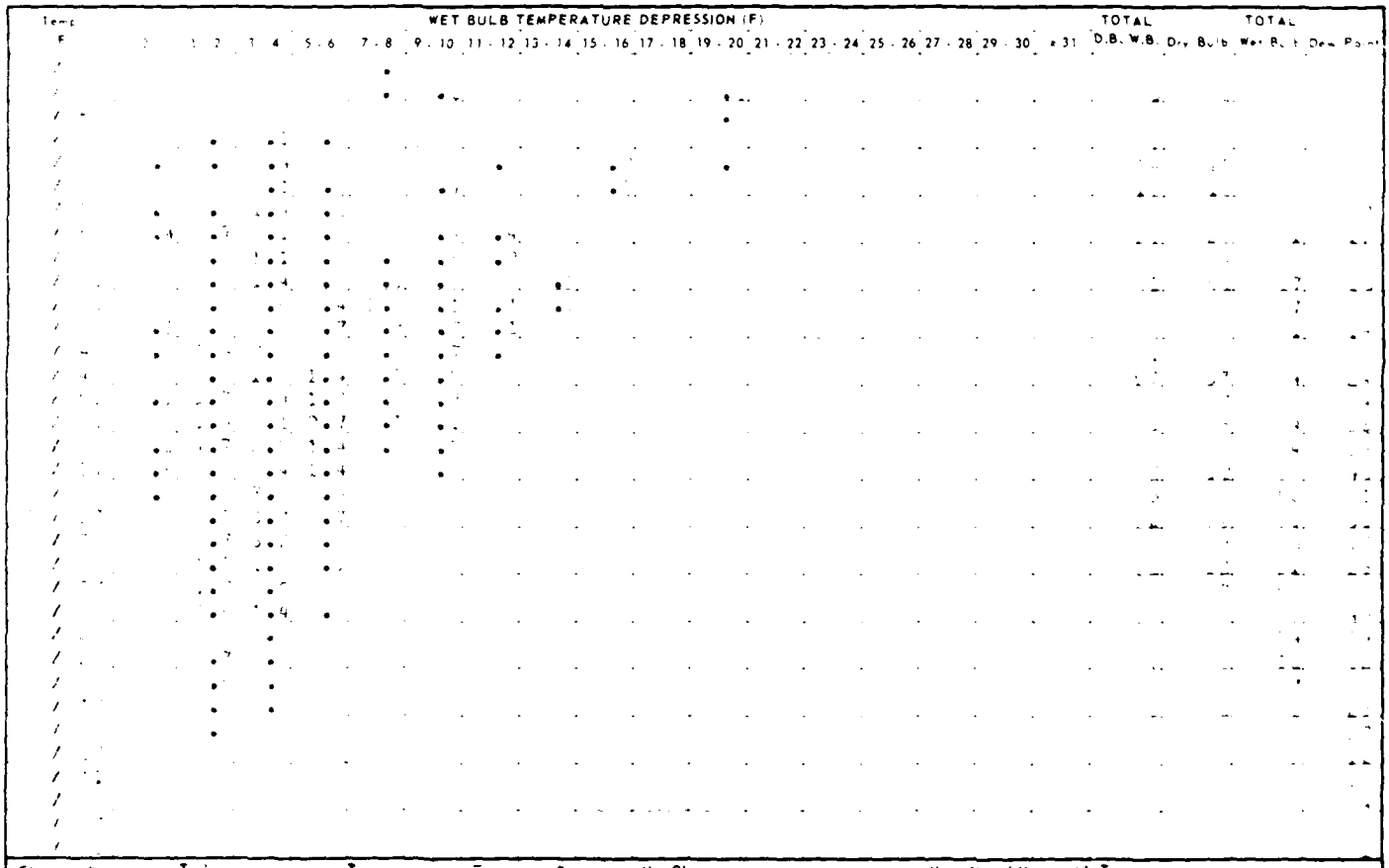
STATION

STATION NAME

YEARS

MONTH

HOURS



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

2

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

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

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

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L.S.T.)

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 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.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

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

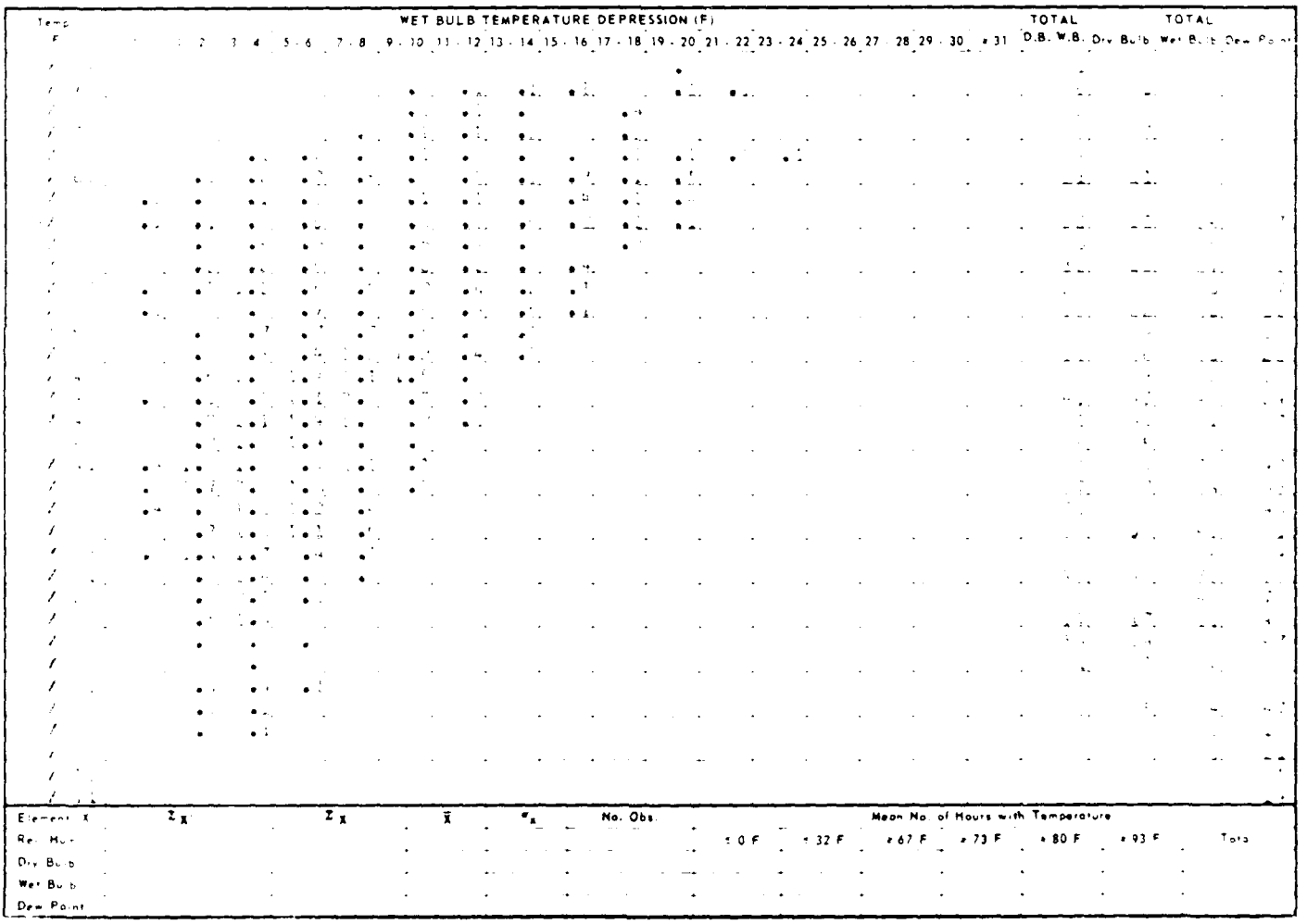
USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE AND WILL NOT BE USED

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS



Element X	ΣX	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)

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

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

U.S. AFETAC

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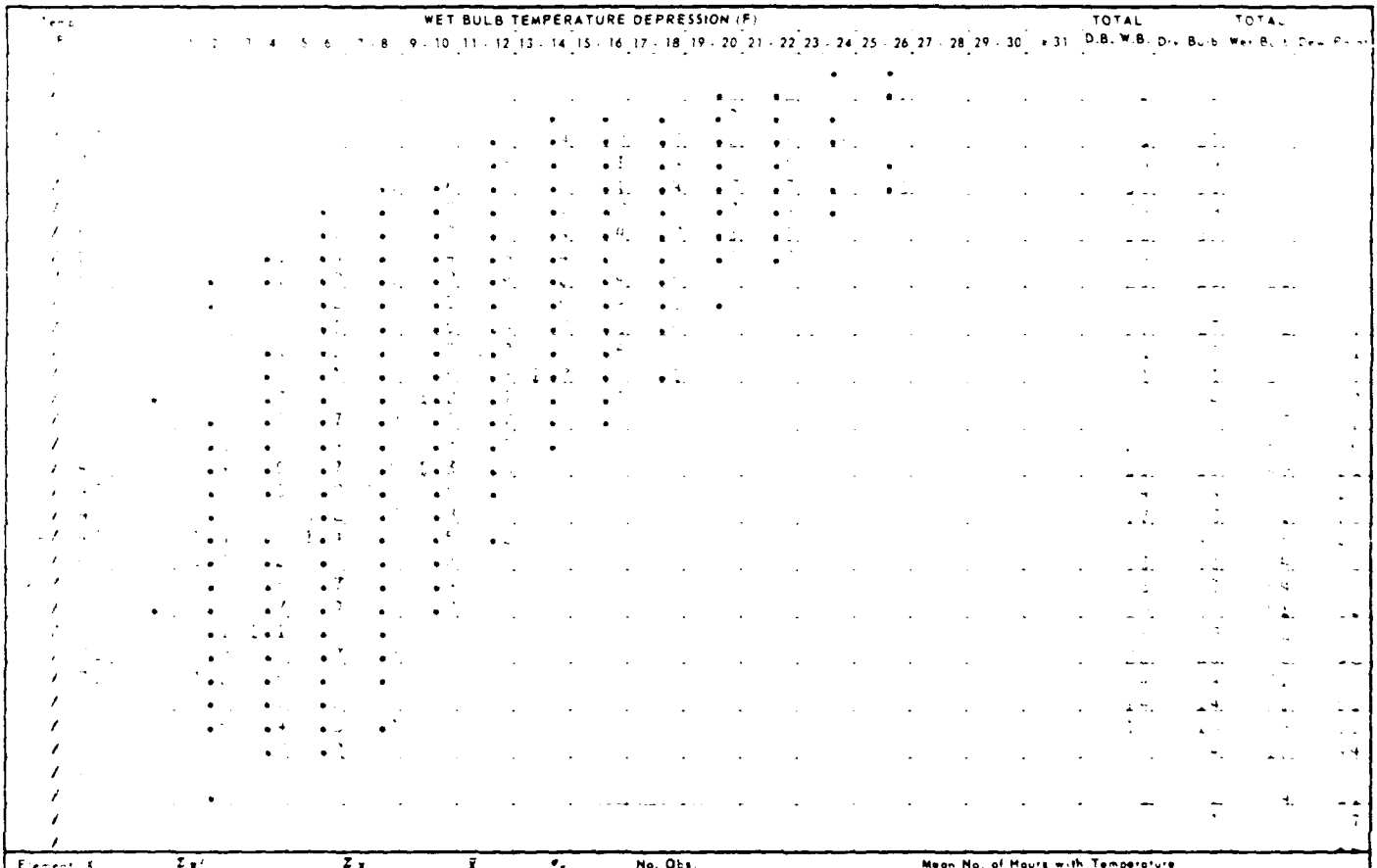
PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

HOURS



Element X	Σ_X'	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 91 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

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	TOTAL Dew Point

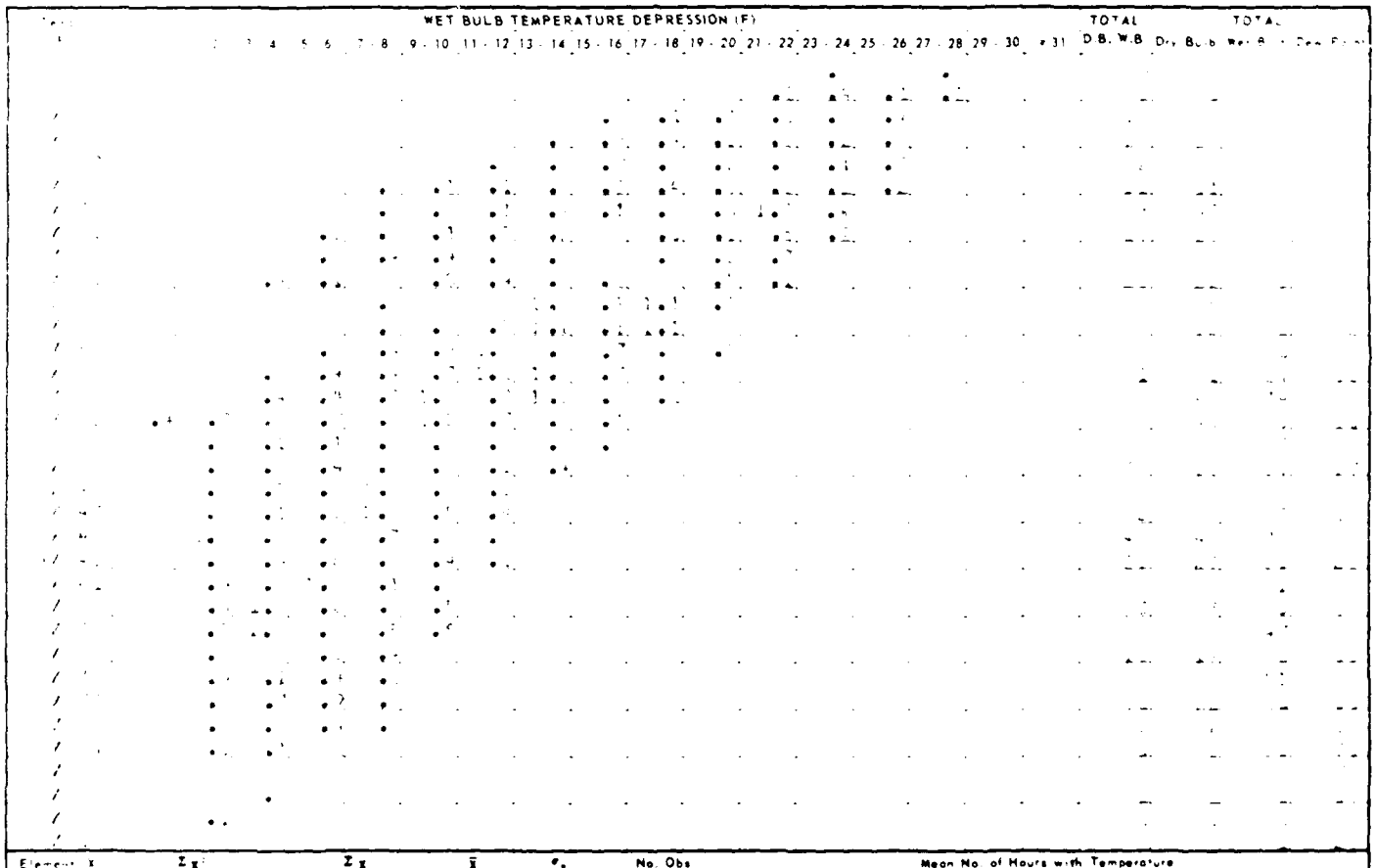
Element	Σ_X^2	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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PSYCHROMETRIC SUMMARY

STATION NAME YEARS MONTH HOURS



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

USAFETAC Form No. 0-26-5 (OL-A) Previous editions of this form are obsolete.

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS

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

U.S. AFETAC FORM 0-265 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

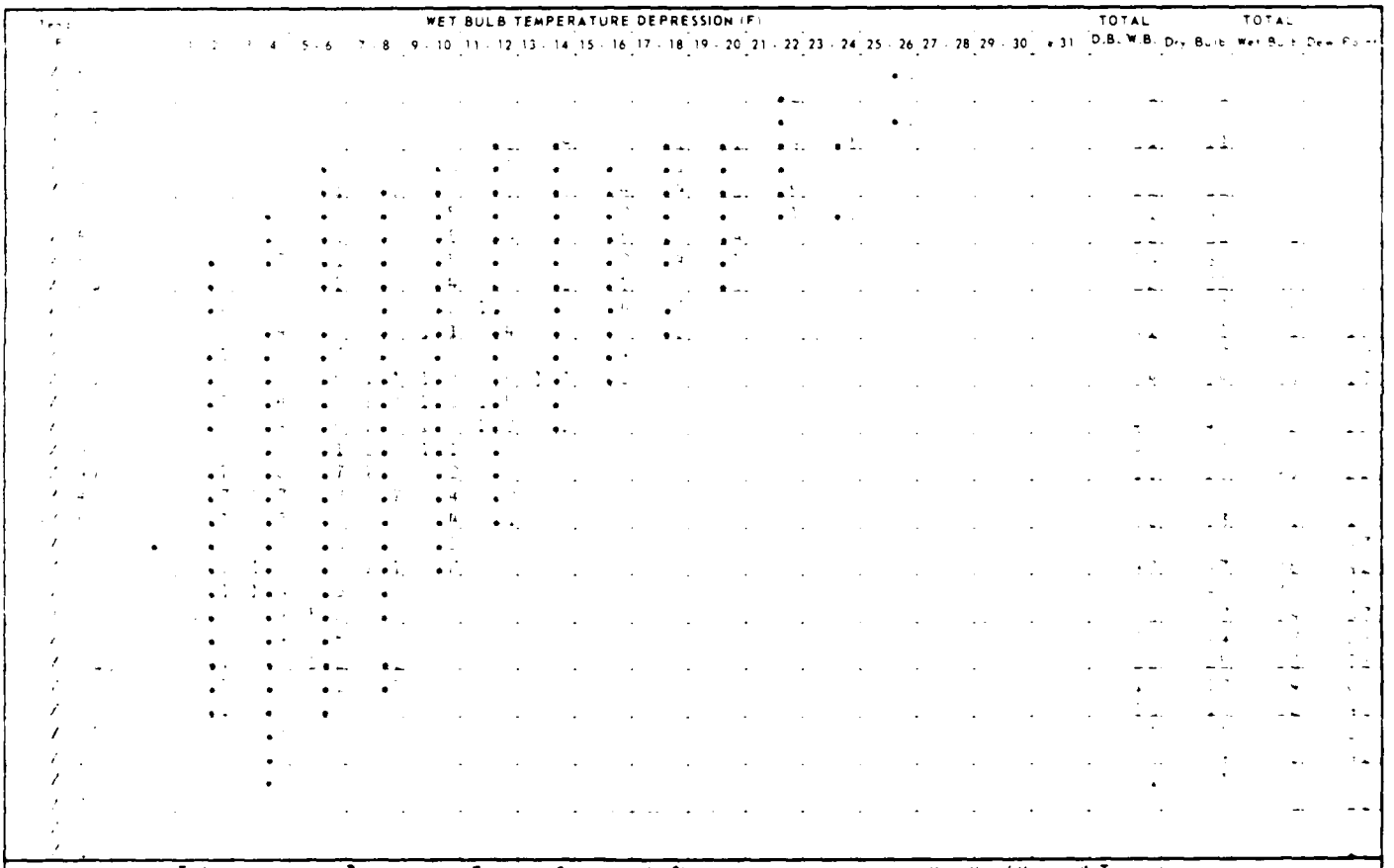
PSYCHROMETRIC SUMMARY

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
Relative Humidity												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 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_X	Σ_X^2	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

AFETAC FORM 0-265 PREVIOUS EDITION OBSOLETE

2

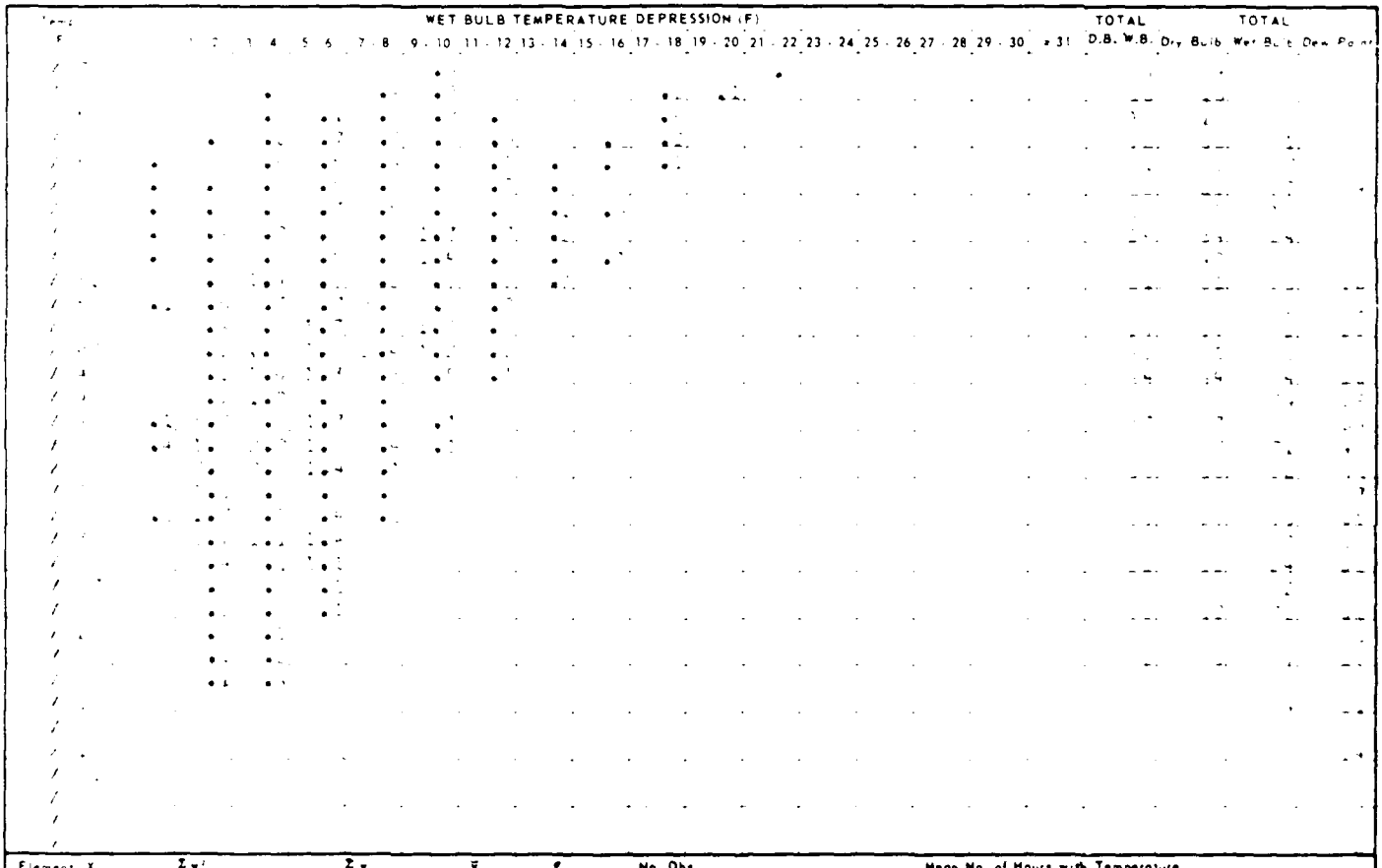
PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

HOURS



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

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

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

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

AFETAC FORM 0-265 (OL-A) PREVIOUS EDITIONS OBSOLETE

2

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

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.	TOTAL W.B.	TOTAL Dew Point

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

USAFETAC

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

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

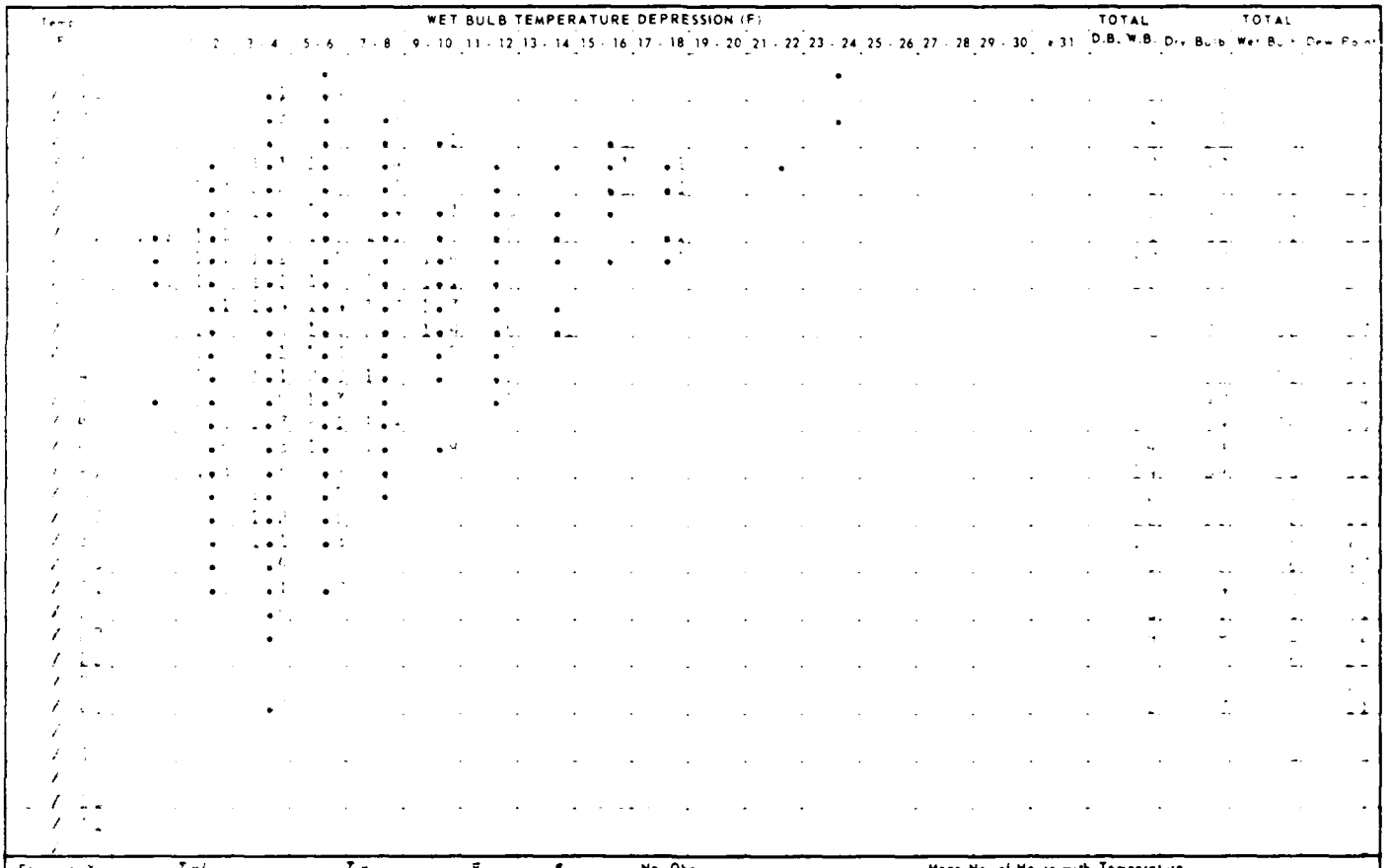
Element	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Wet Bulb	[illegible]	[illegible]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

2

PSYCHROMETRIC SUMMARY

STATION NAME YEARS MONTH

HOURS



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 FORM 0-26-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE AND WILL NOT BE USED

2

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	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												

AFETAC FORM 0-265 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

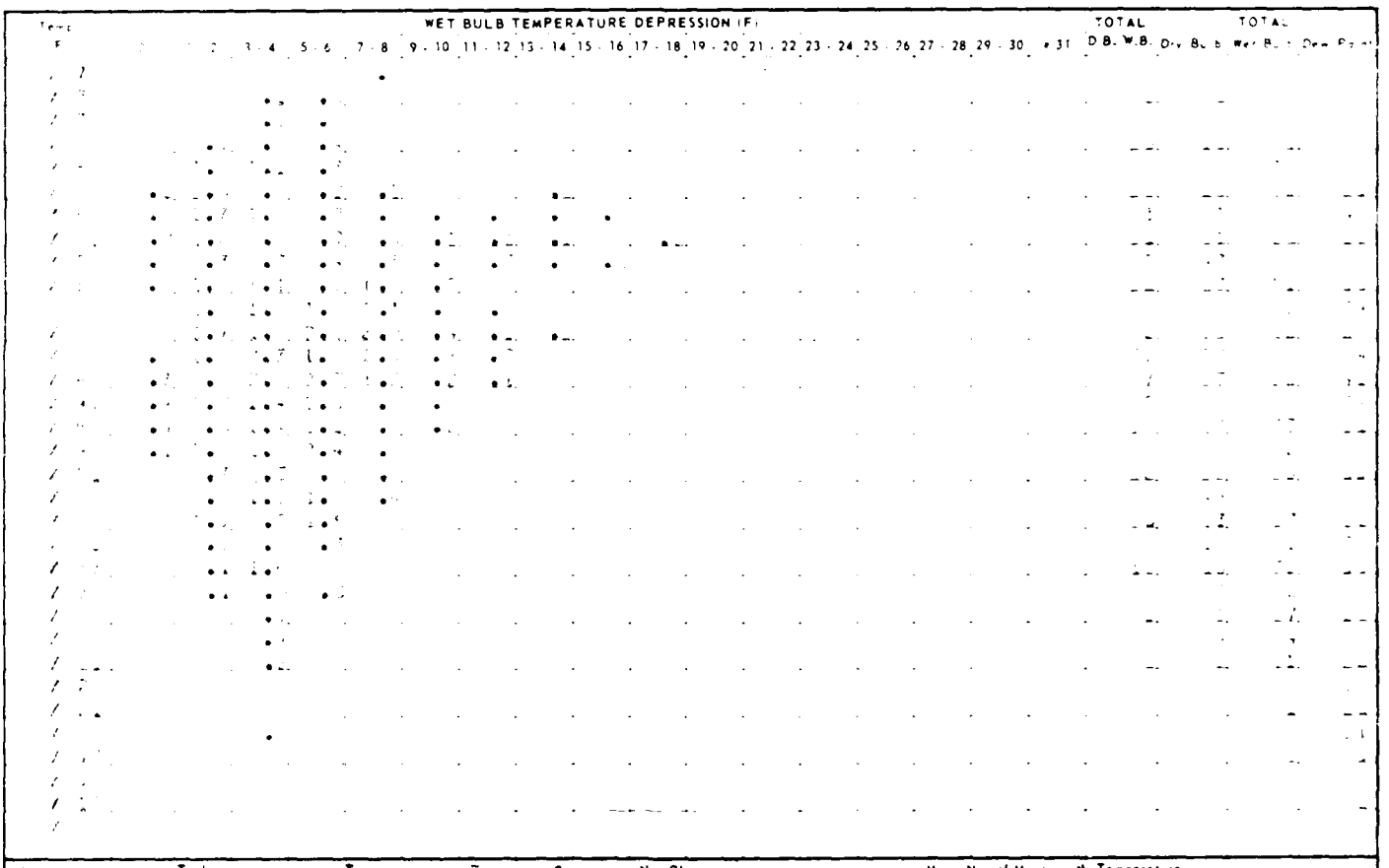
STATION

STATION NAME

YEARS

MONTH

HOURS



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

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

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

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

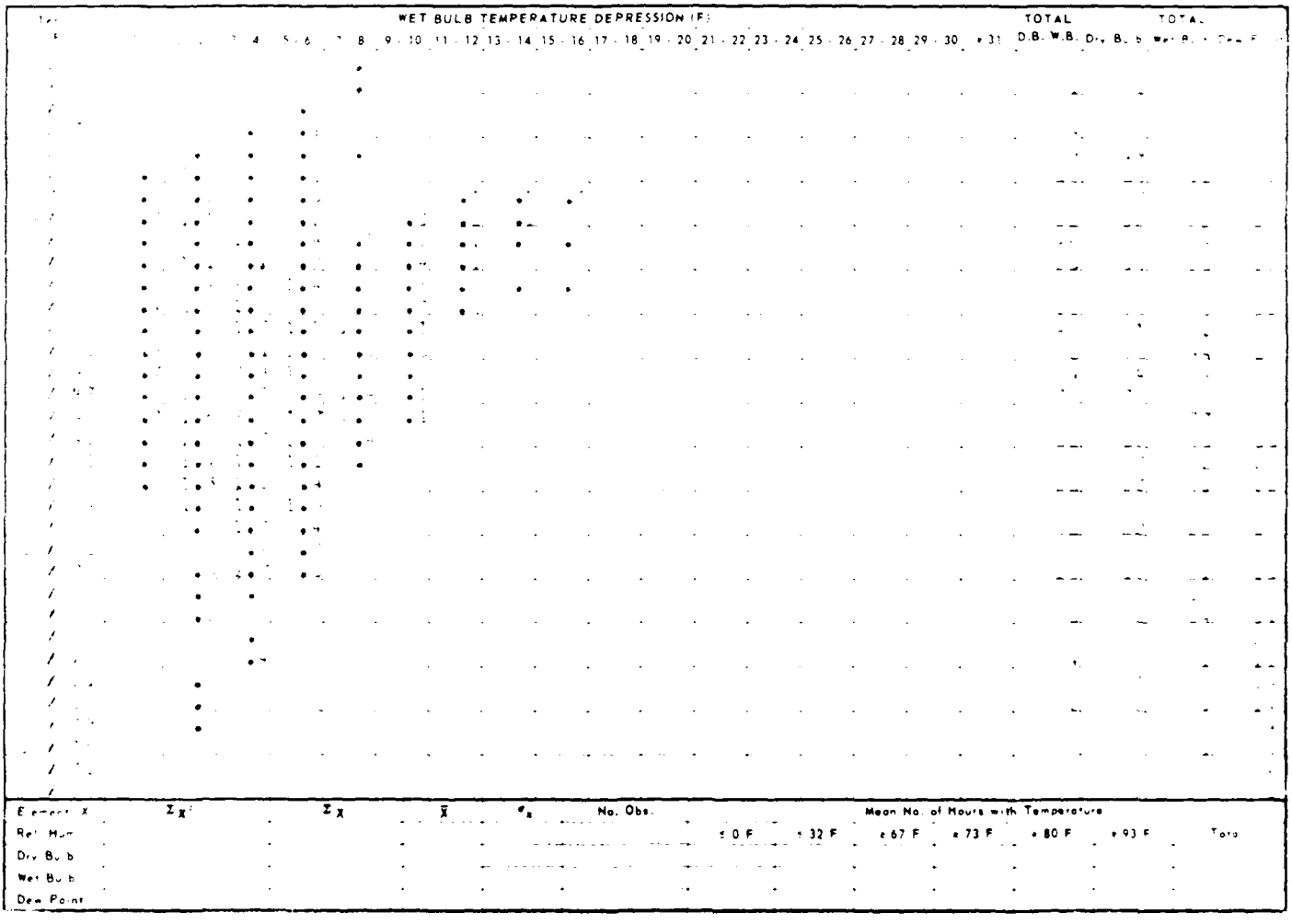
Element	ΣX	ΣX^2	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Tota
Dry Bulb												
Wet Bulb												
Dew Point												

2

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS



USAFETAC

2

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

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

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.			7	1								
Dry Bulb				1								
Wet Bulb			4									
Dew Point			4	1								

U AFETAC FORM 0-26-5 (OL-A)

2

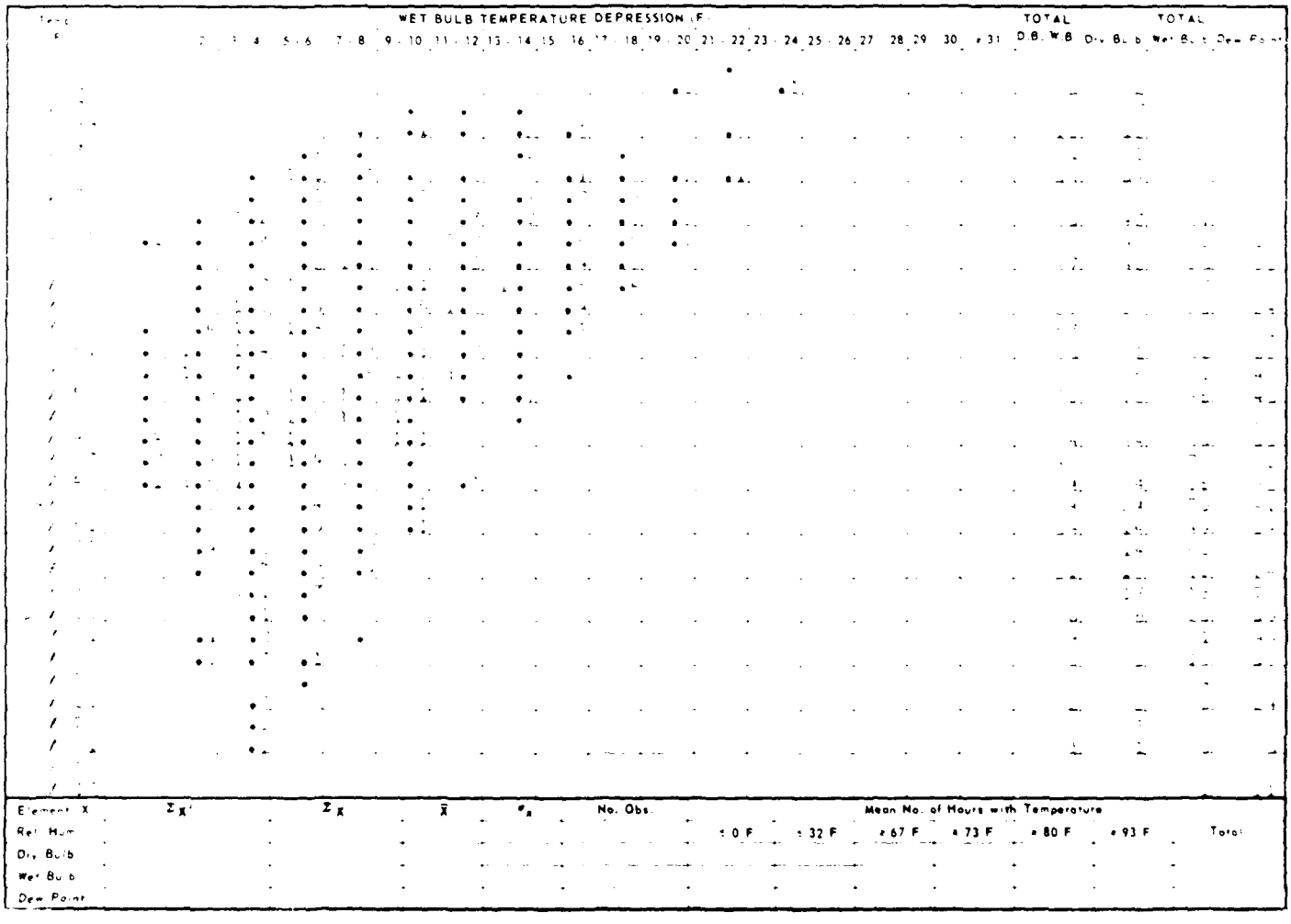
PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

HOURS



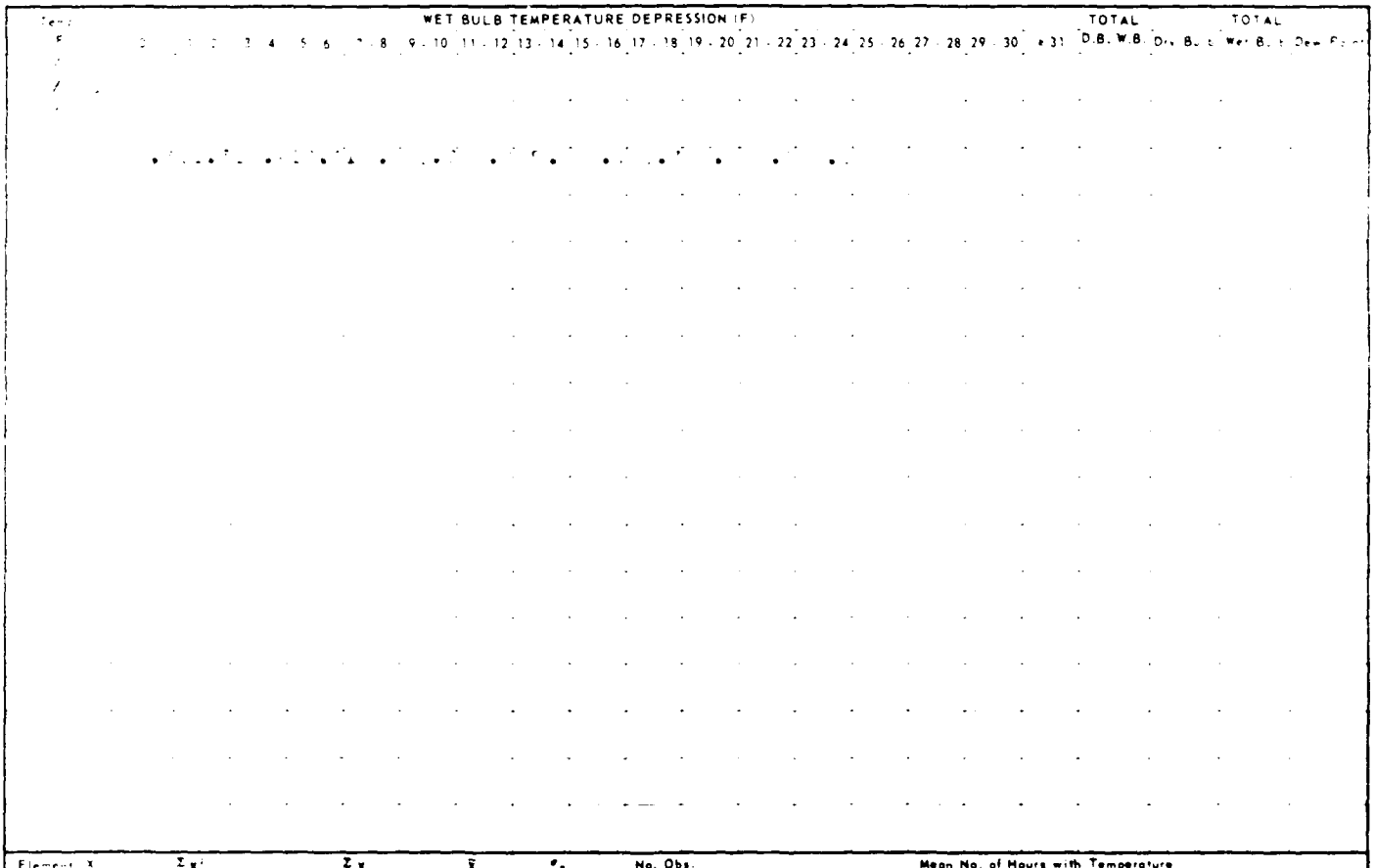
Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC Form 0-26-5 (Old A)

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH



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 EDITION OF THIS FORM IS OBSOLETE

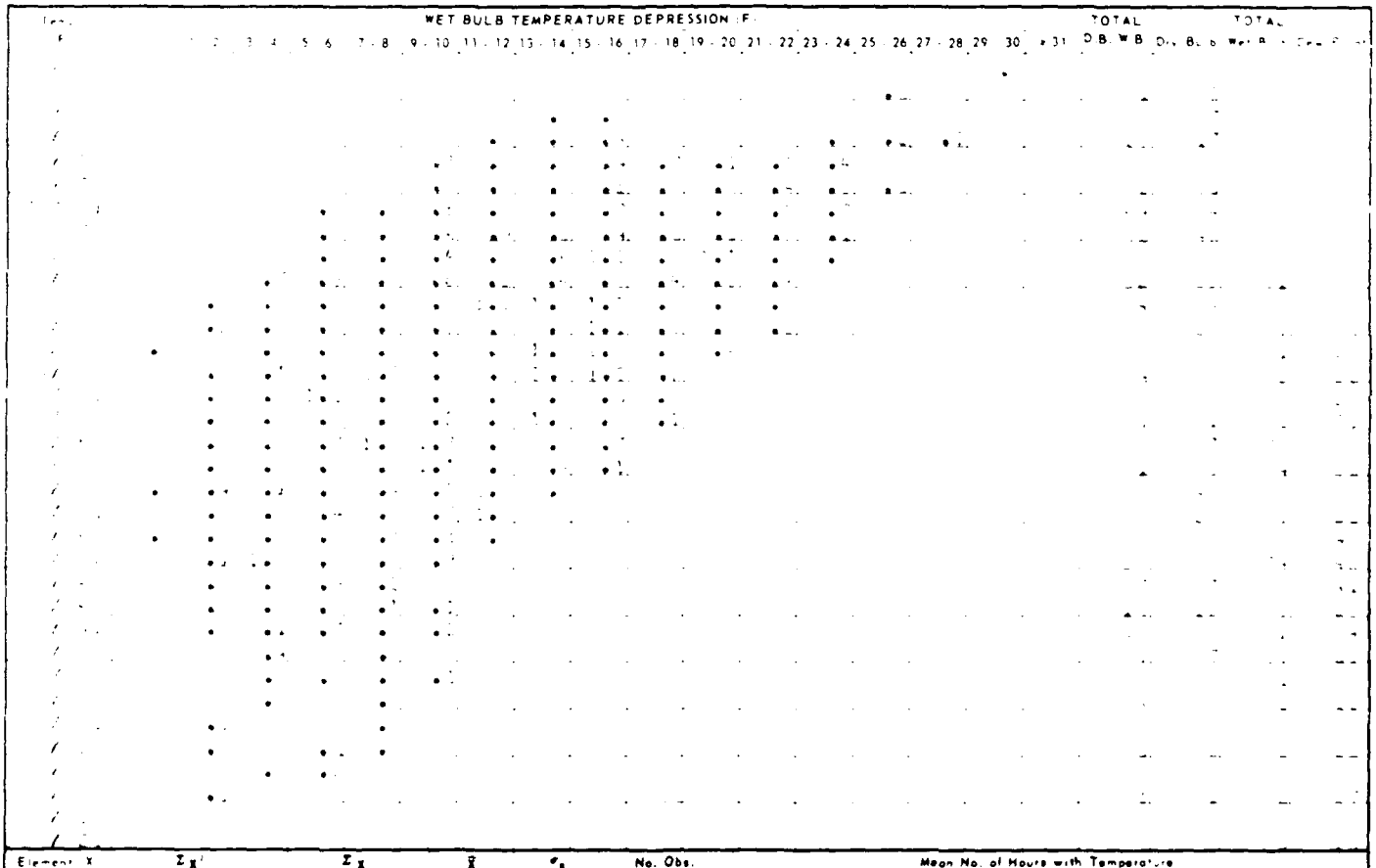
2

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

HOURS



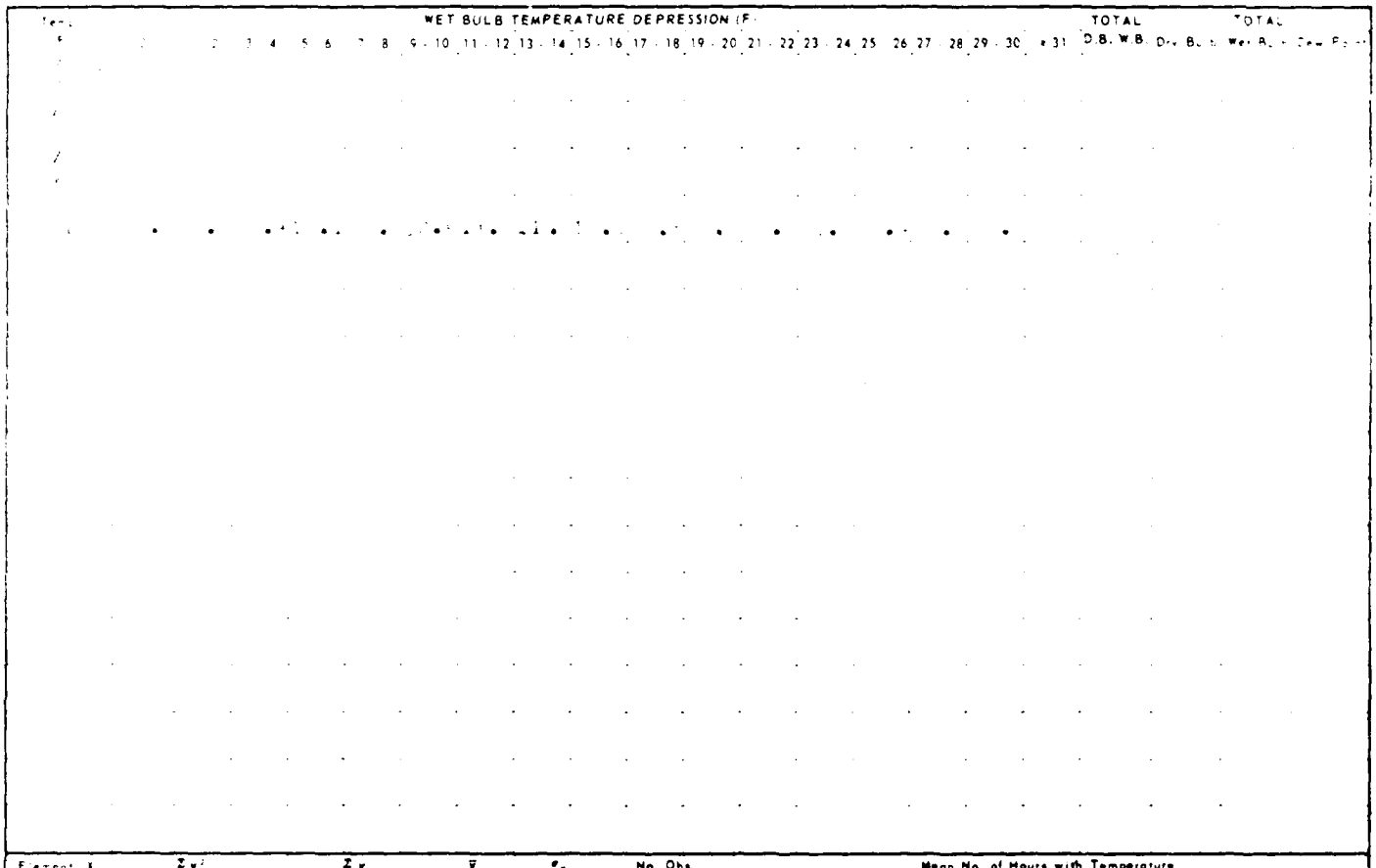
Element X	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26 5

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH



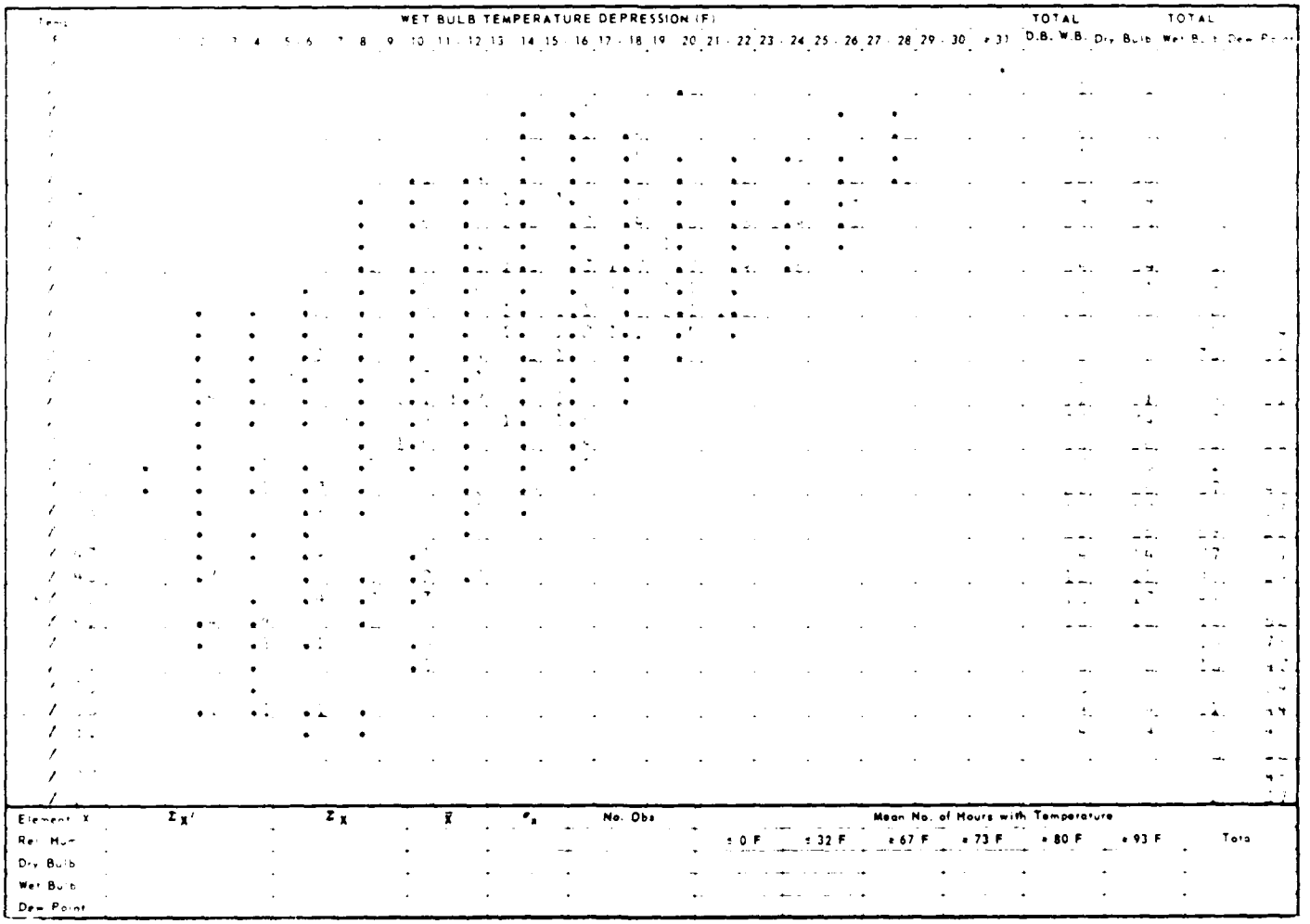
Element X	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

AFETAC FORM 0-265 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

STATION NAME YEARS MONTH



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

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

2

PSYCHROMETRIC SUMMARY

STATION NAME YEARS MONTH

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

Element X	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 FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

STATION NAME | YEARS | MONTH

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 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.
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

USAFETAC FORM 0-26-5 JUL 64

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOUR

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

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
Dry Bulb												
Wet Bulb												
Dew Point												

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

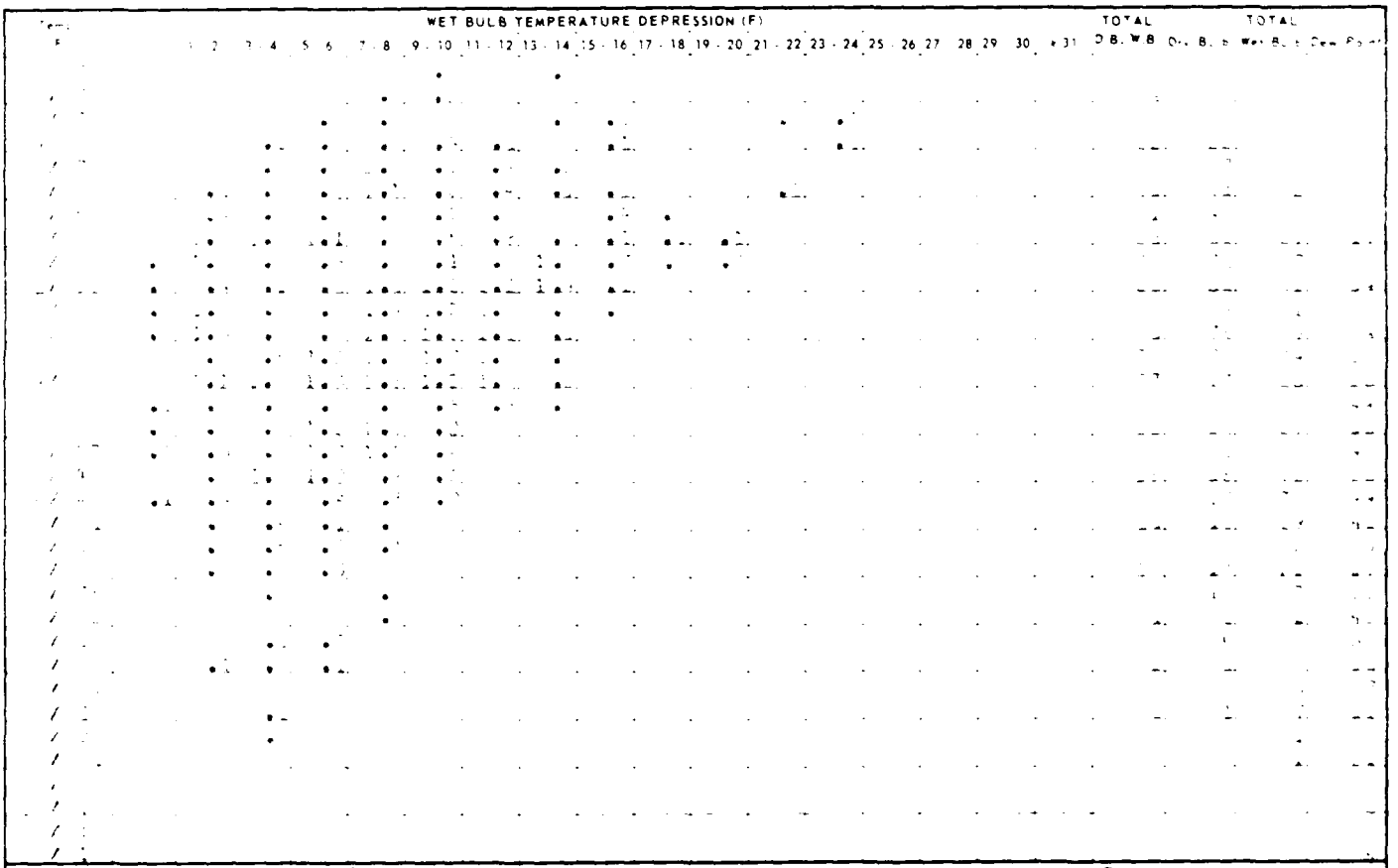
2

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

HOURS



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 FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 84

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

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

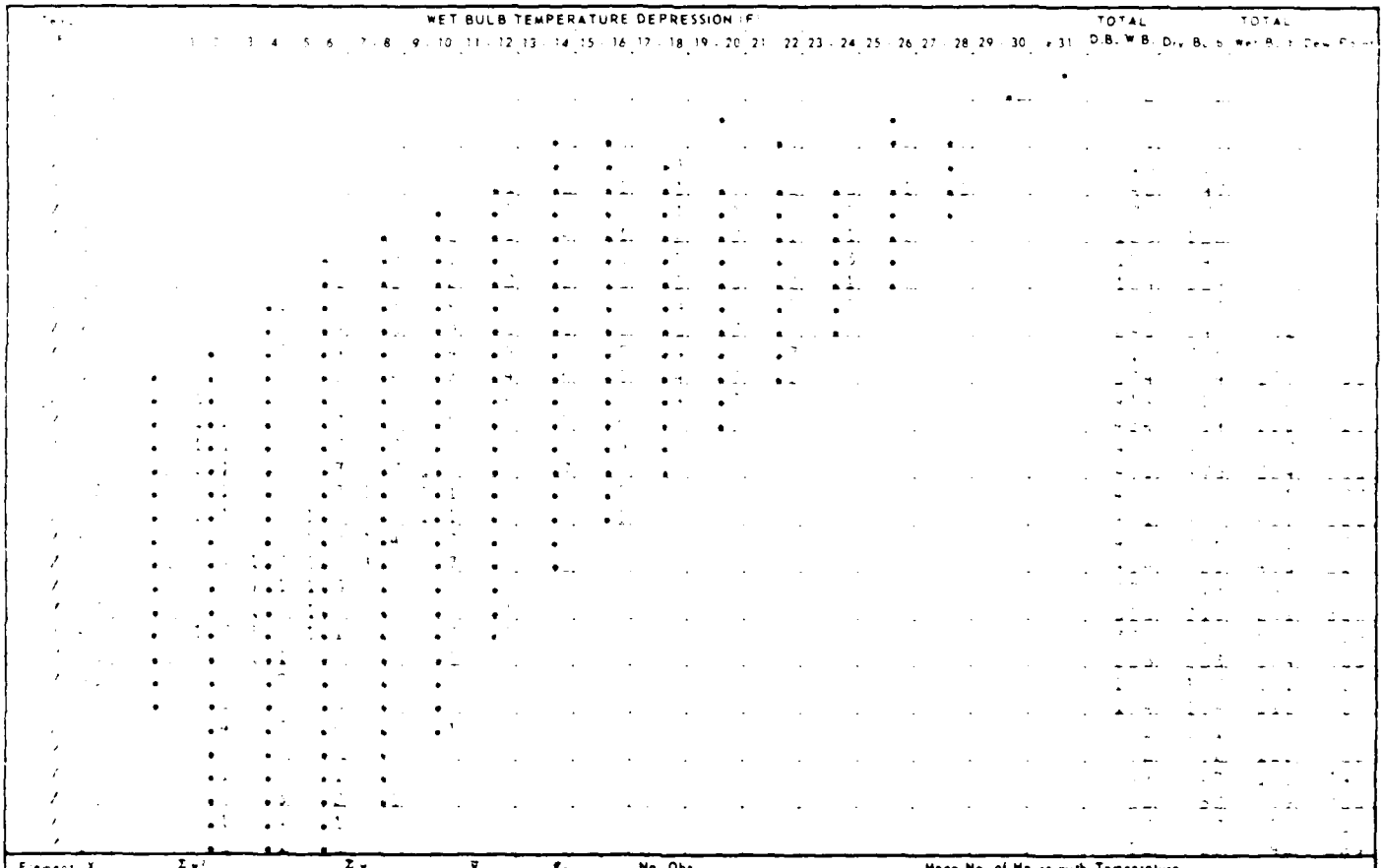
2

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

HOURS



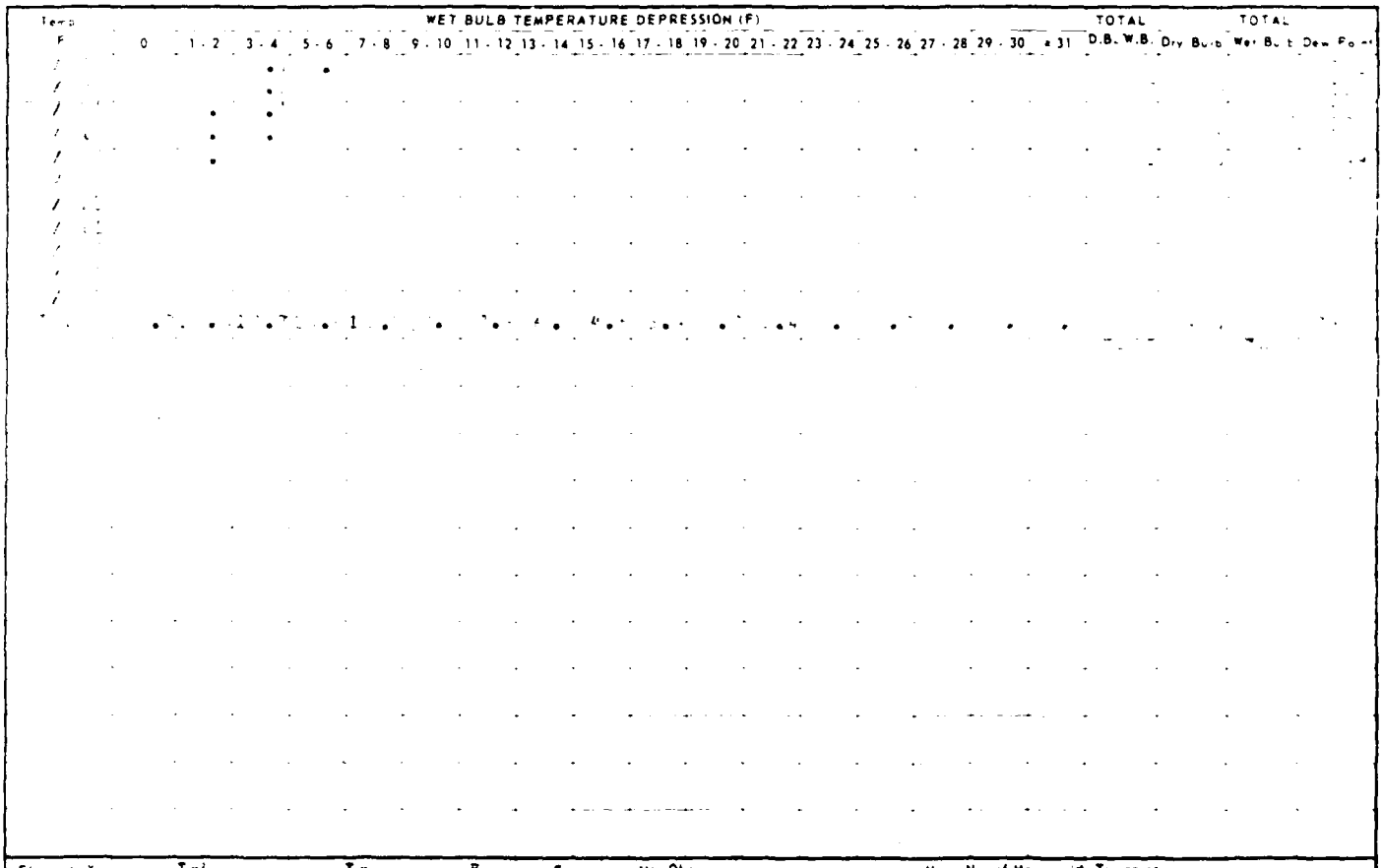
Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

2

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____



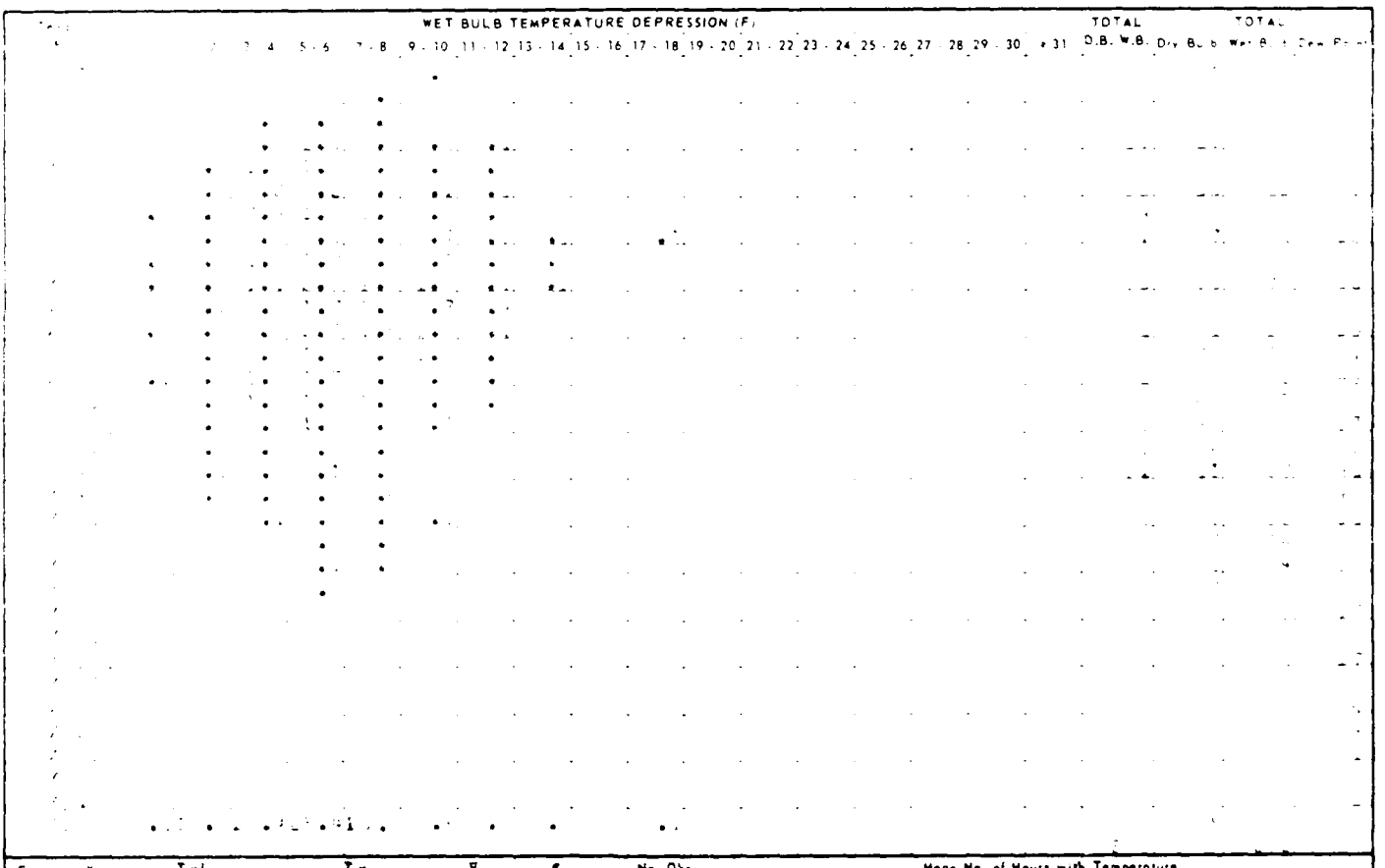
Element X	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.					74							
Dry Bulb					74							
Wet Bulb					74							
Dew Point					74							

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

2

PSYCHROMETRIC SUMMARY

STATION NAME YEARS



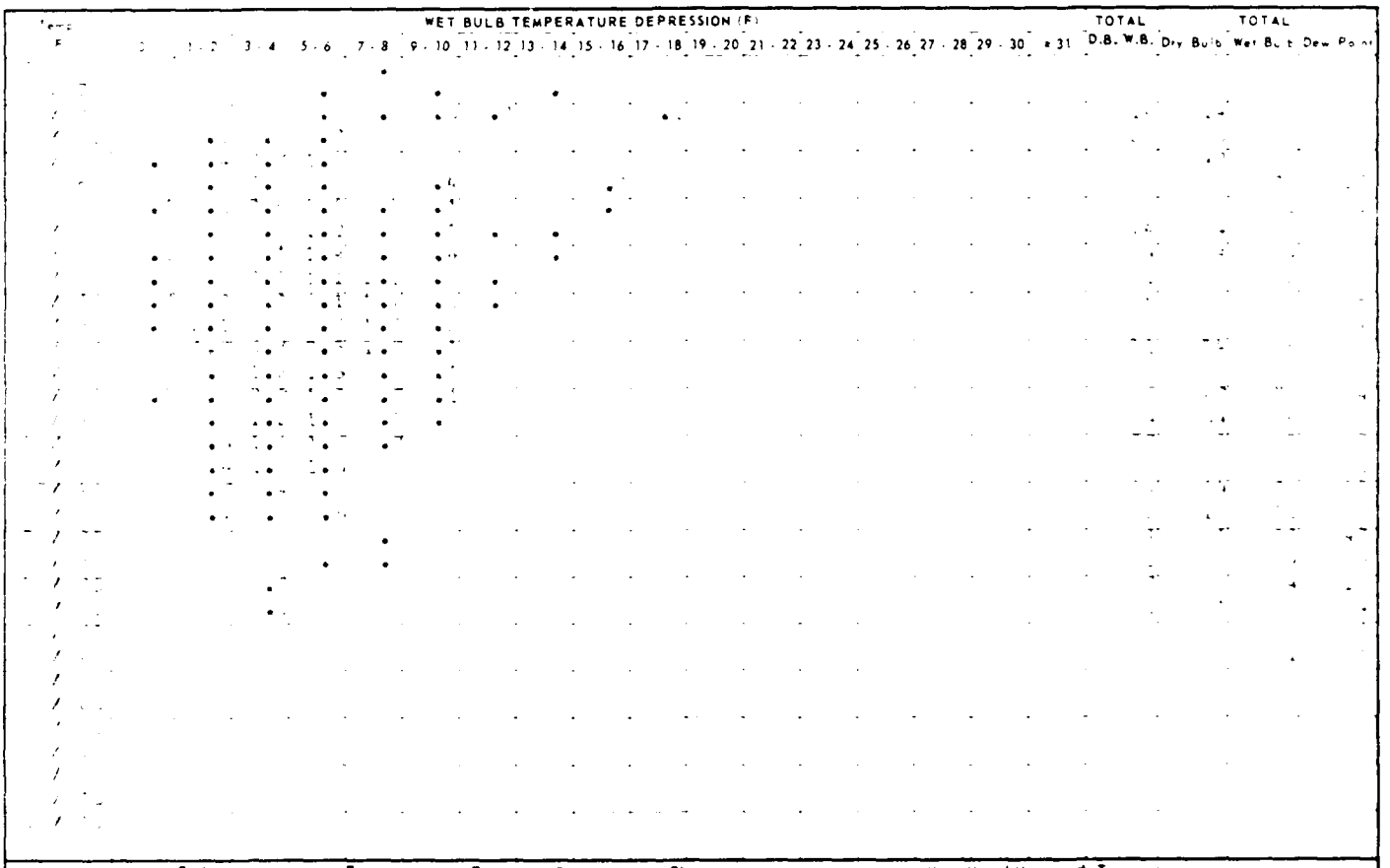
Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH



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

2

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

HOURS

°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				

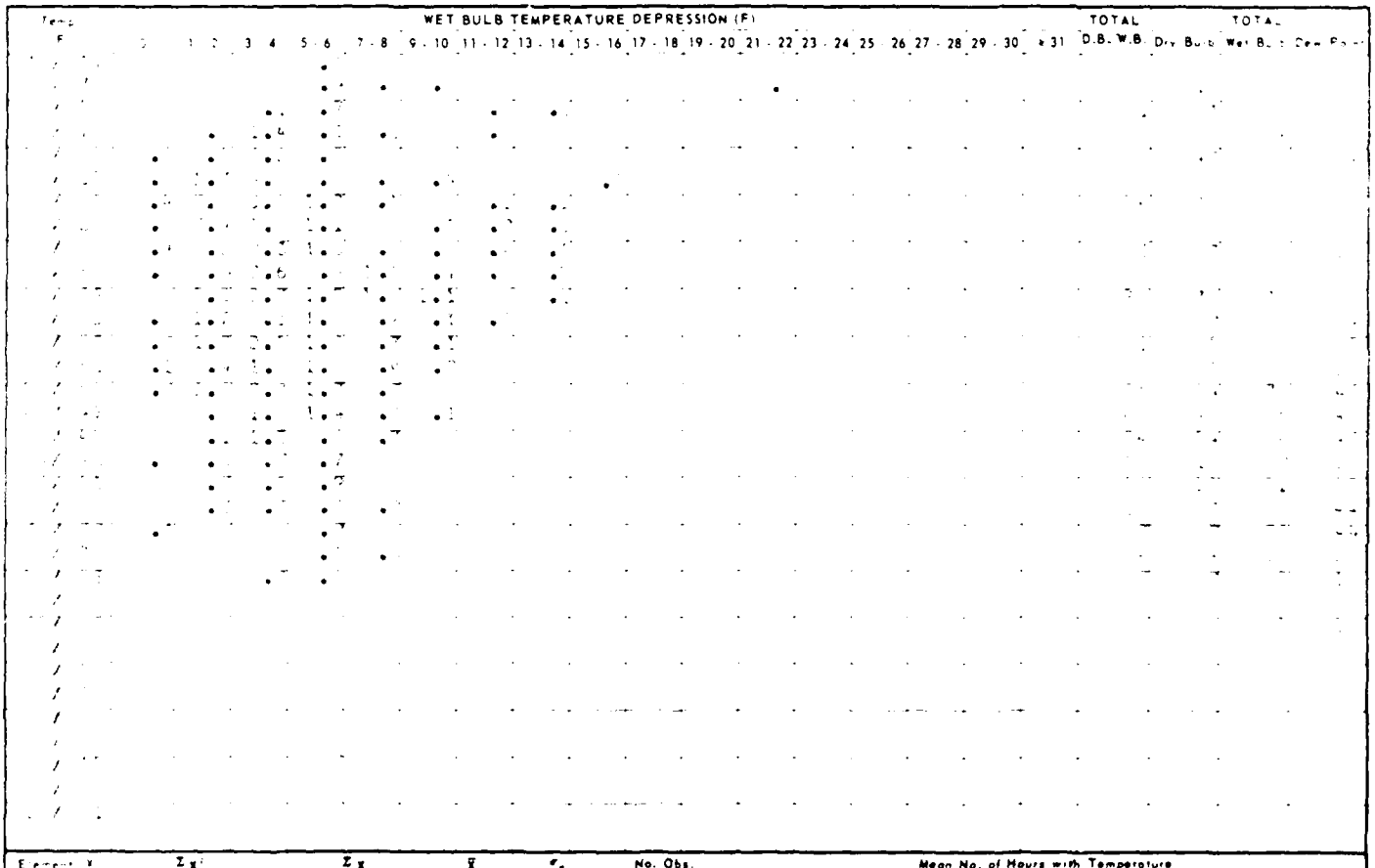
Element X	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH



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
Dry Bulb												
Wet Bulb												
Dew Point												

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

2

PSYCHROMETRIC SUMMARY

STATION NAME YEARS

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.	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												

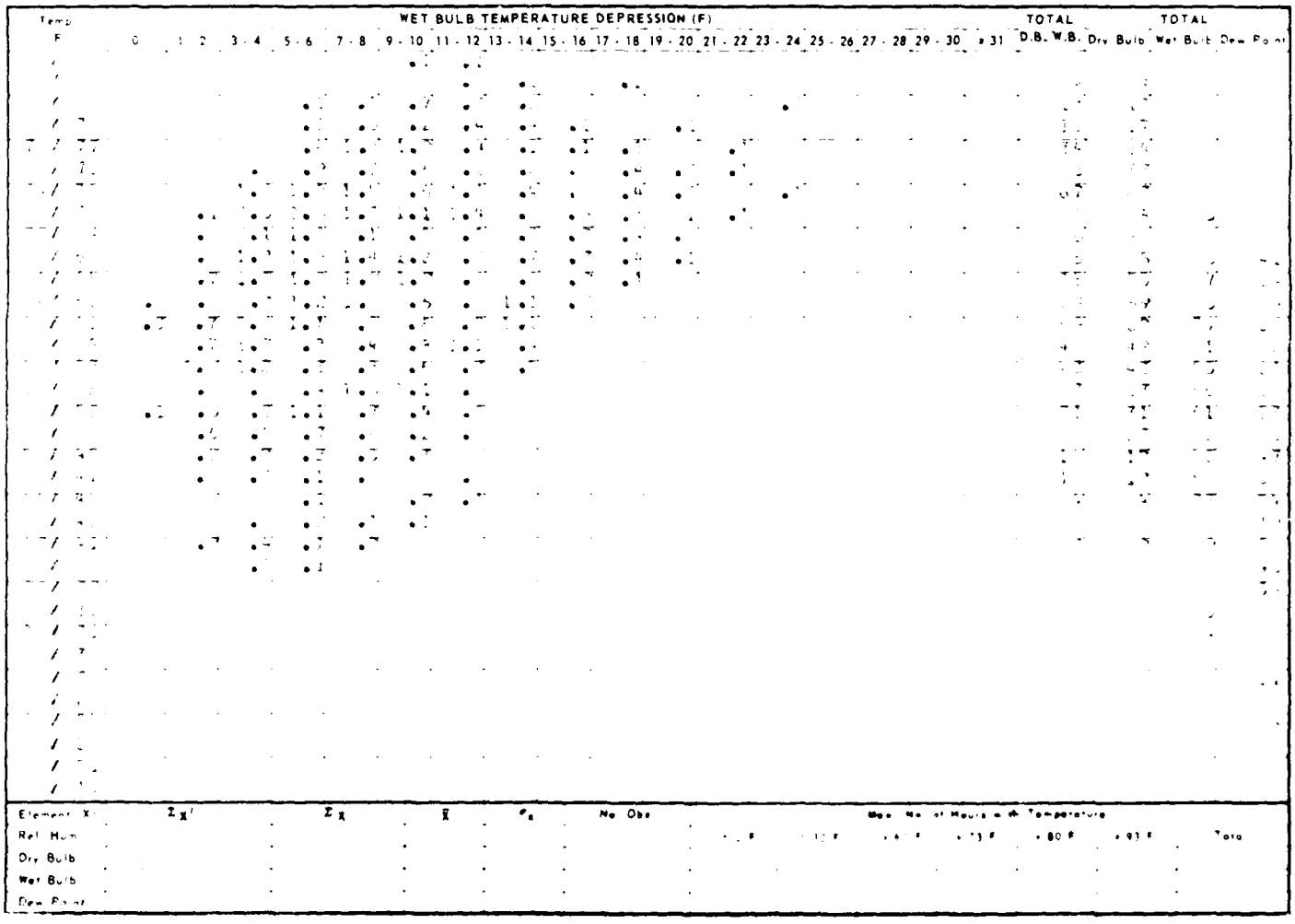
USAFETAC

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS



Element X	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No Obs	Max No of Hours in Temperature						
Rel Hum												Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

2

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

HOURS

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

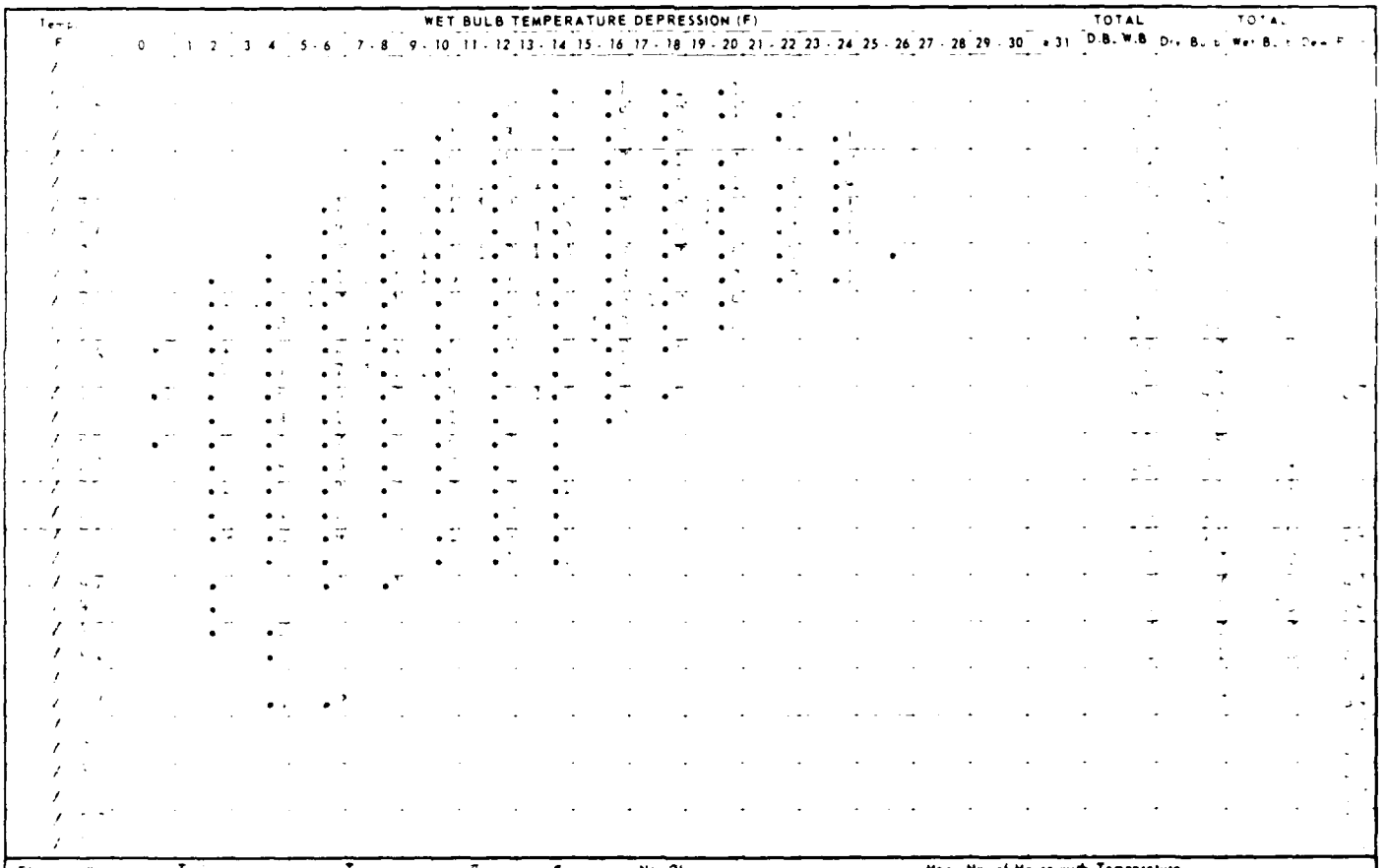
Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (Old A)
JUL 64
USAFETAC

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH



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

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

2

PSYCHROMETRIC SUMMARY

STATION NAME YEARS

HOURS

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

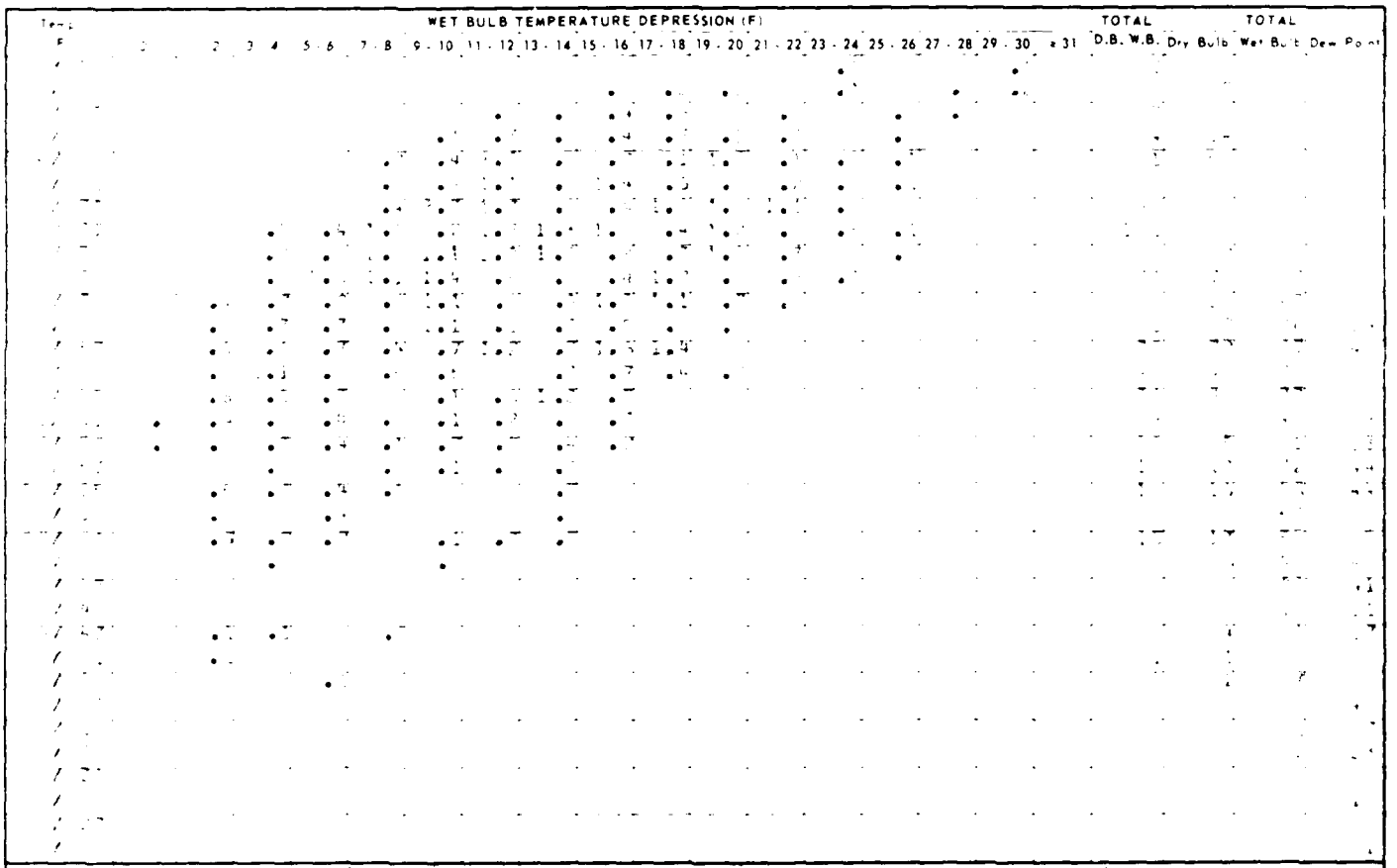
Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26 5 (...) PREVIOUS EDITIONS ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH



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
Relative Humidity												
Dry Bulb												
Wet Bulb												
Dew Point												

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

2

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

HOURS

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

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												

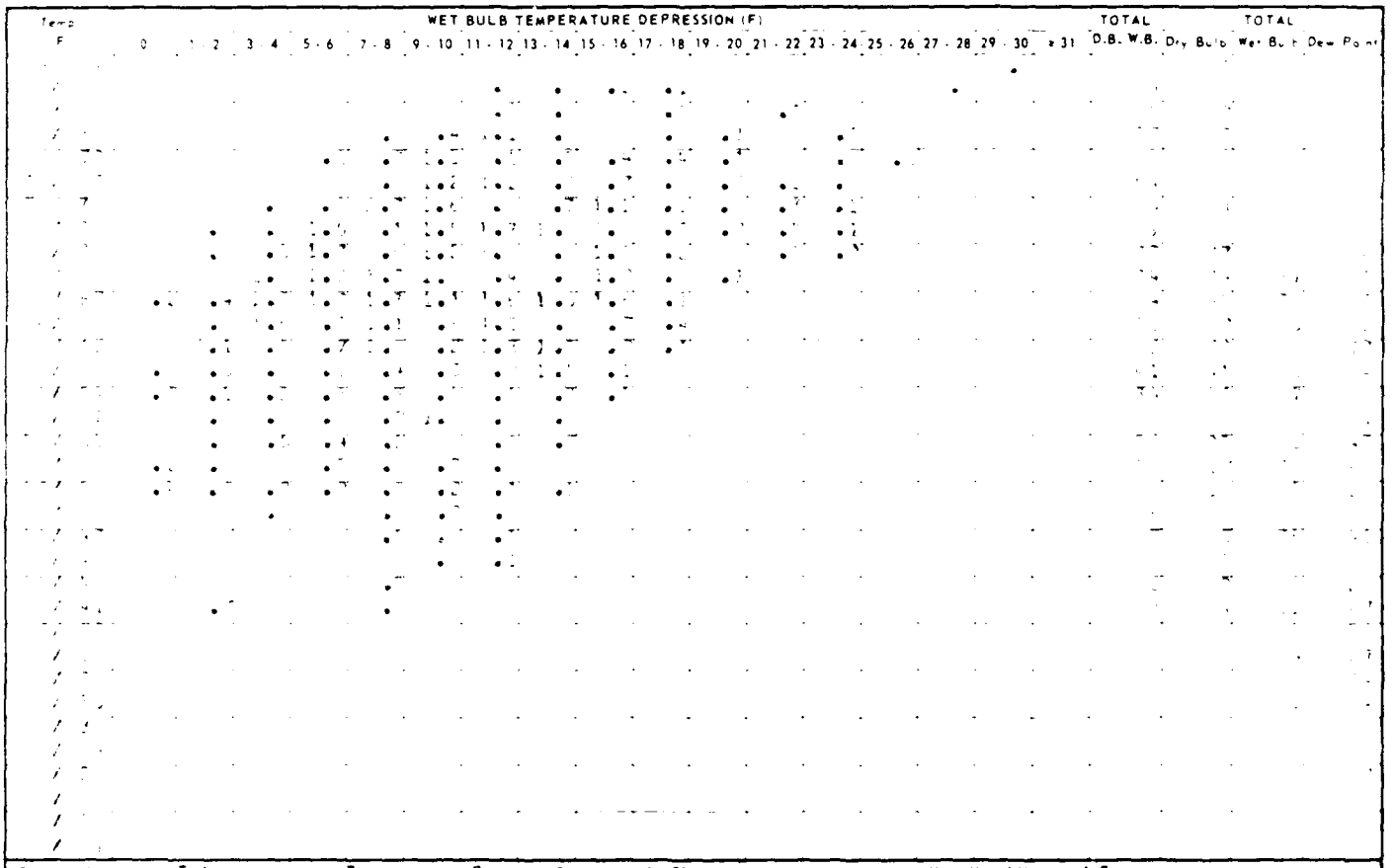
USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

2

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
Relative Humidity												
Dry Bulb												
Wet Bulb												
Dew Point												

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

2

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

MONTH

HOURS

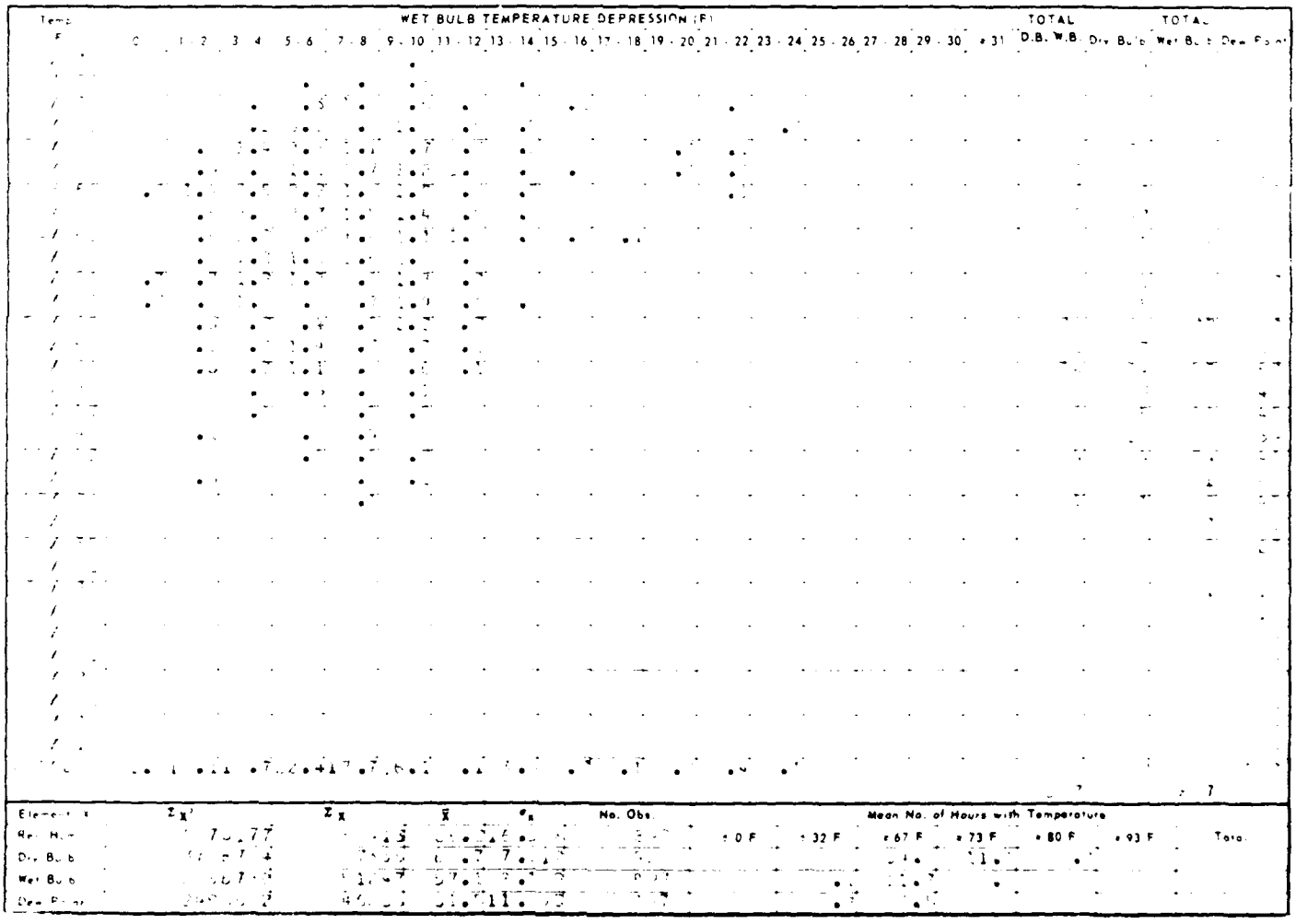
Temp F	WET BULB TEMPERATURE DEPRESSION (F)																													TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥ 31					

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

2.

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH



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

2

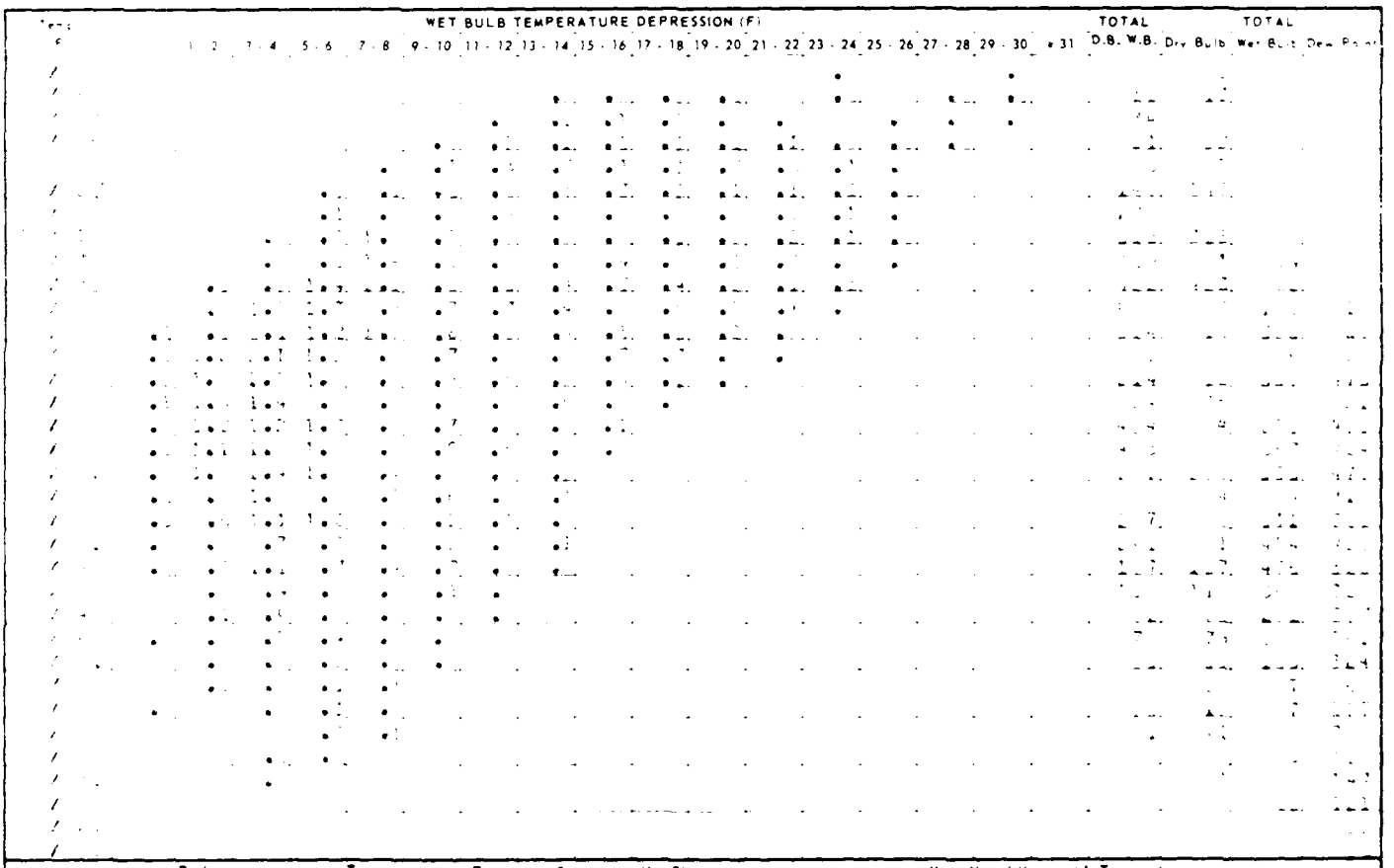
PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

HOURS



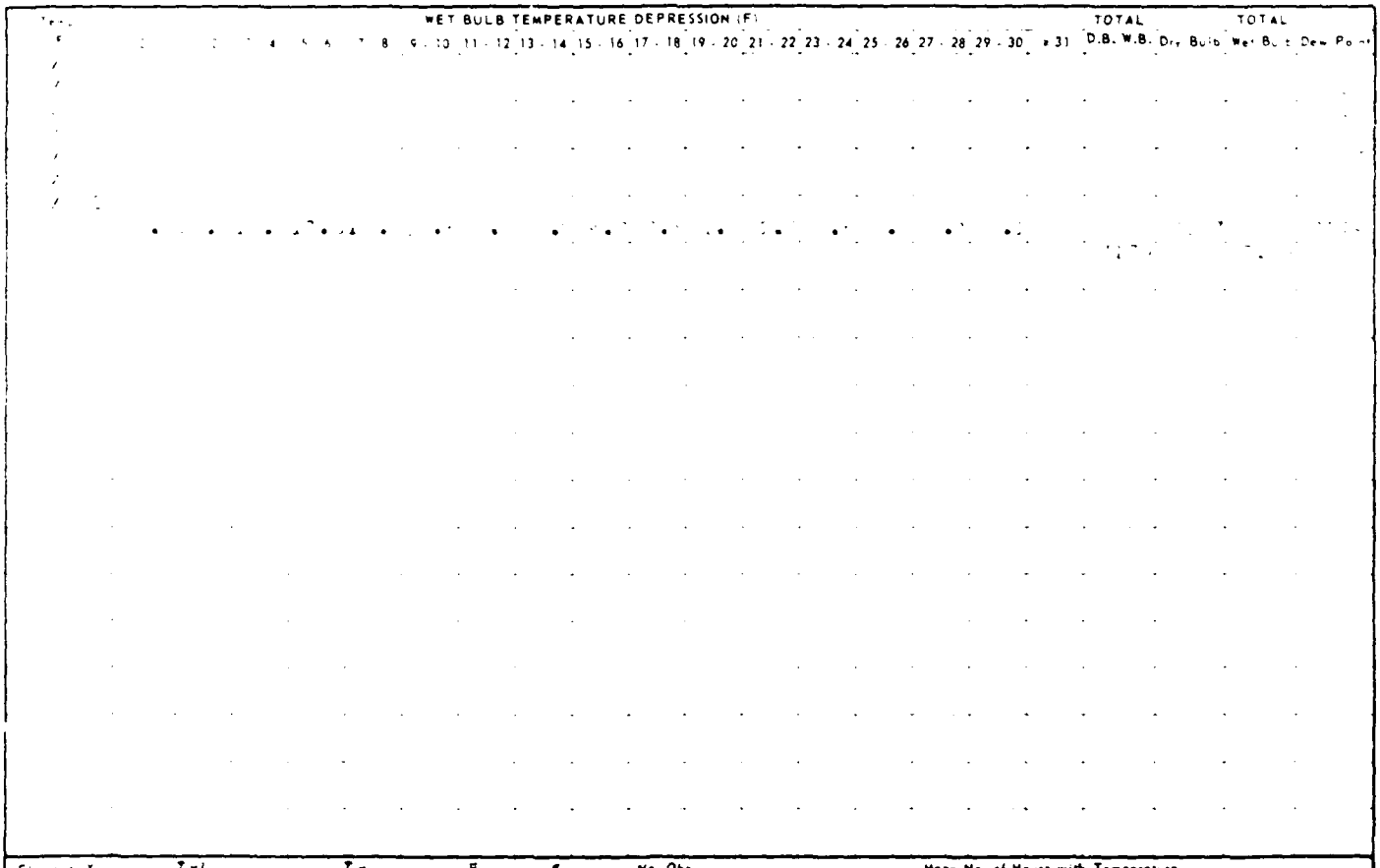
Element X	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH



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												

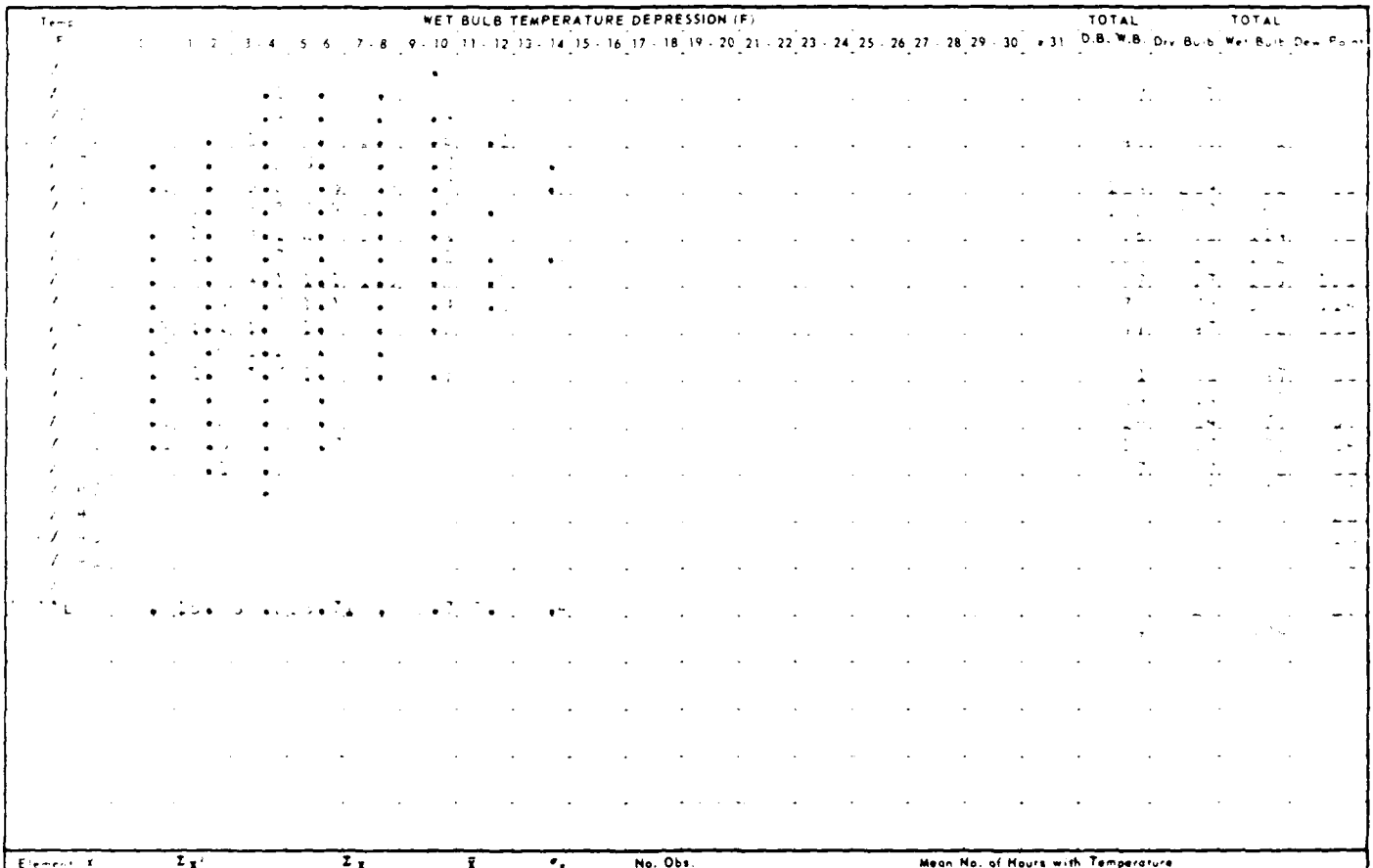
USAFETAC FORM 0-26-5 (OL-A)

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS



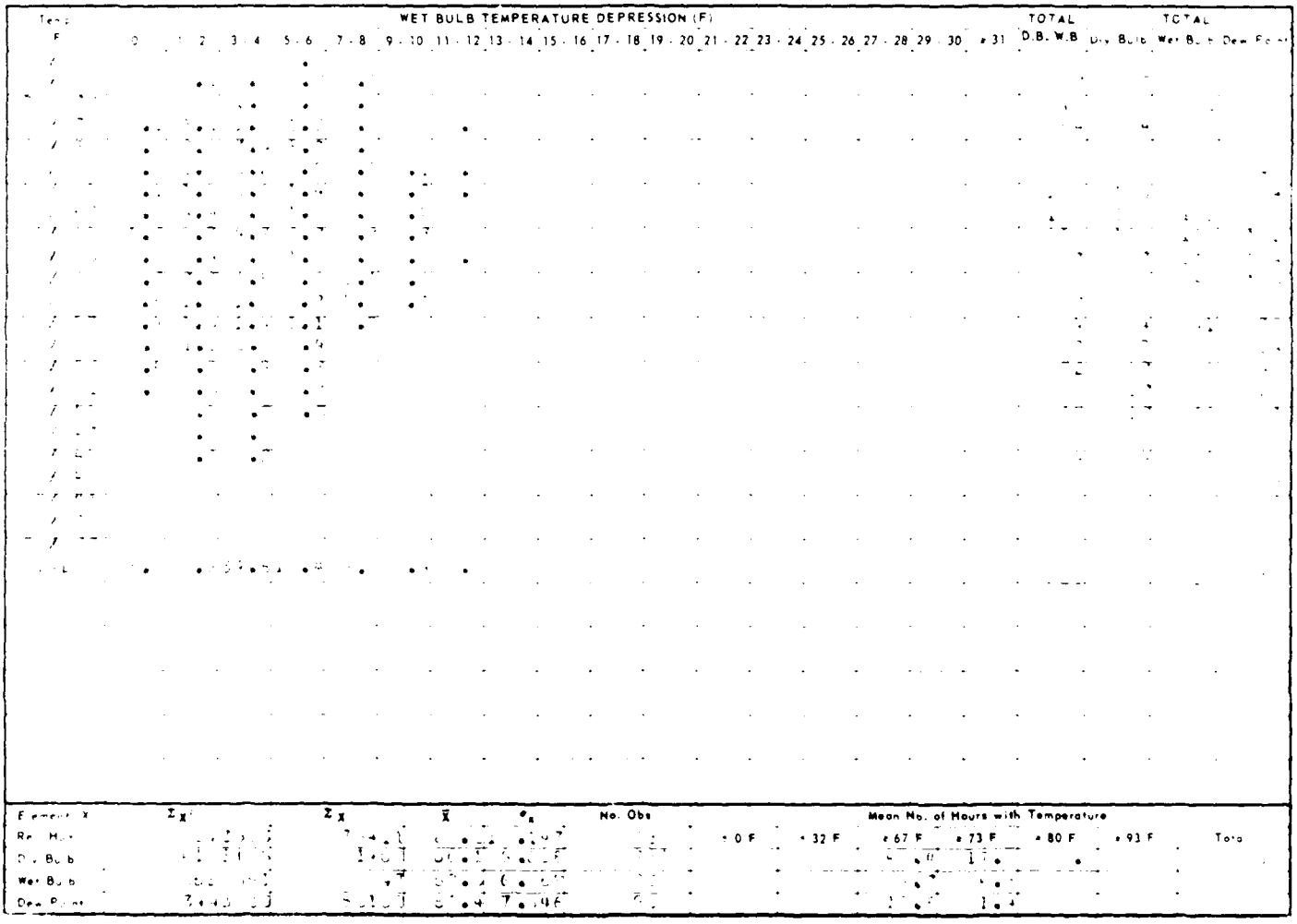
Element x	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Relative Humidity												
Dry Bulb												
Wet Bulb												
Dew Point												

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

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH



Element X	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 91 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26.5 (OL-A)

2

PSYCHROMETRIC SUMMARY

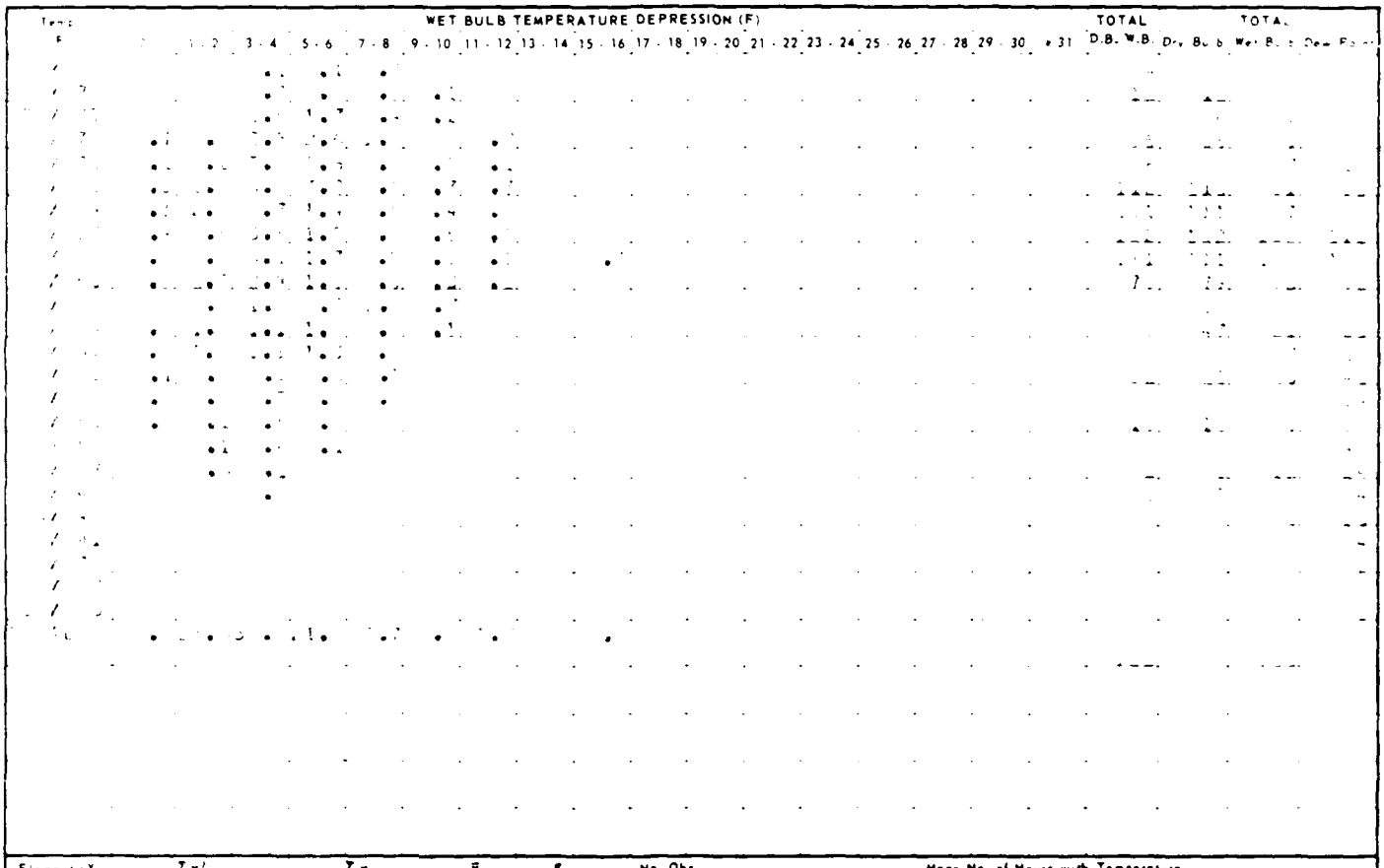
STATION

STATION NAME TX

YEARS

MONTH

HOURS



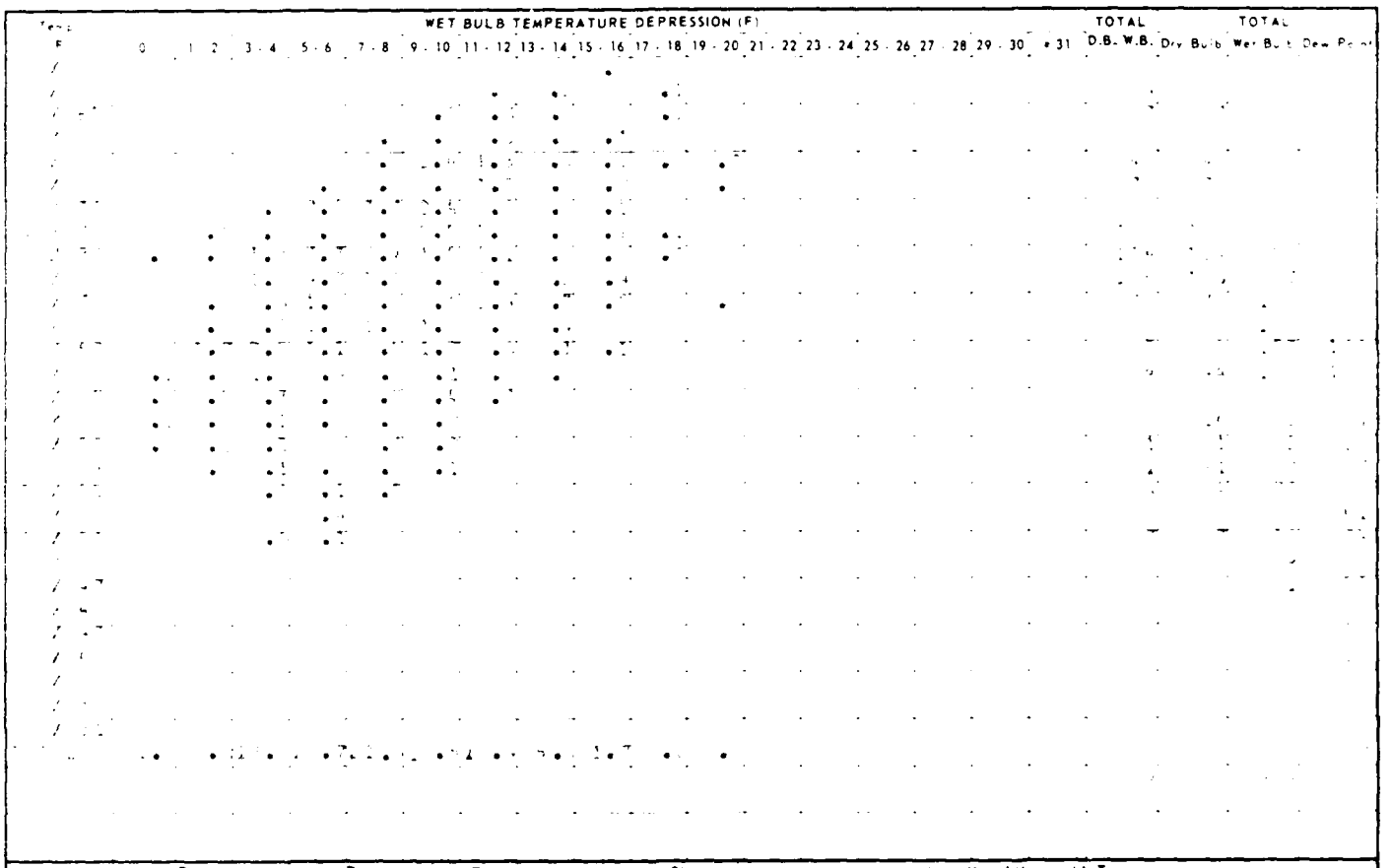
Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≤67 F	≤73 F	≥80 F	≥93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

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

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH



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												

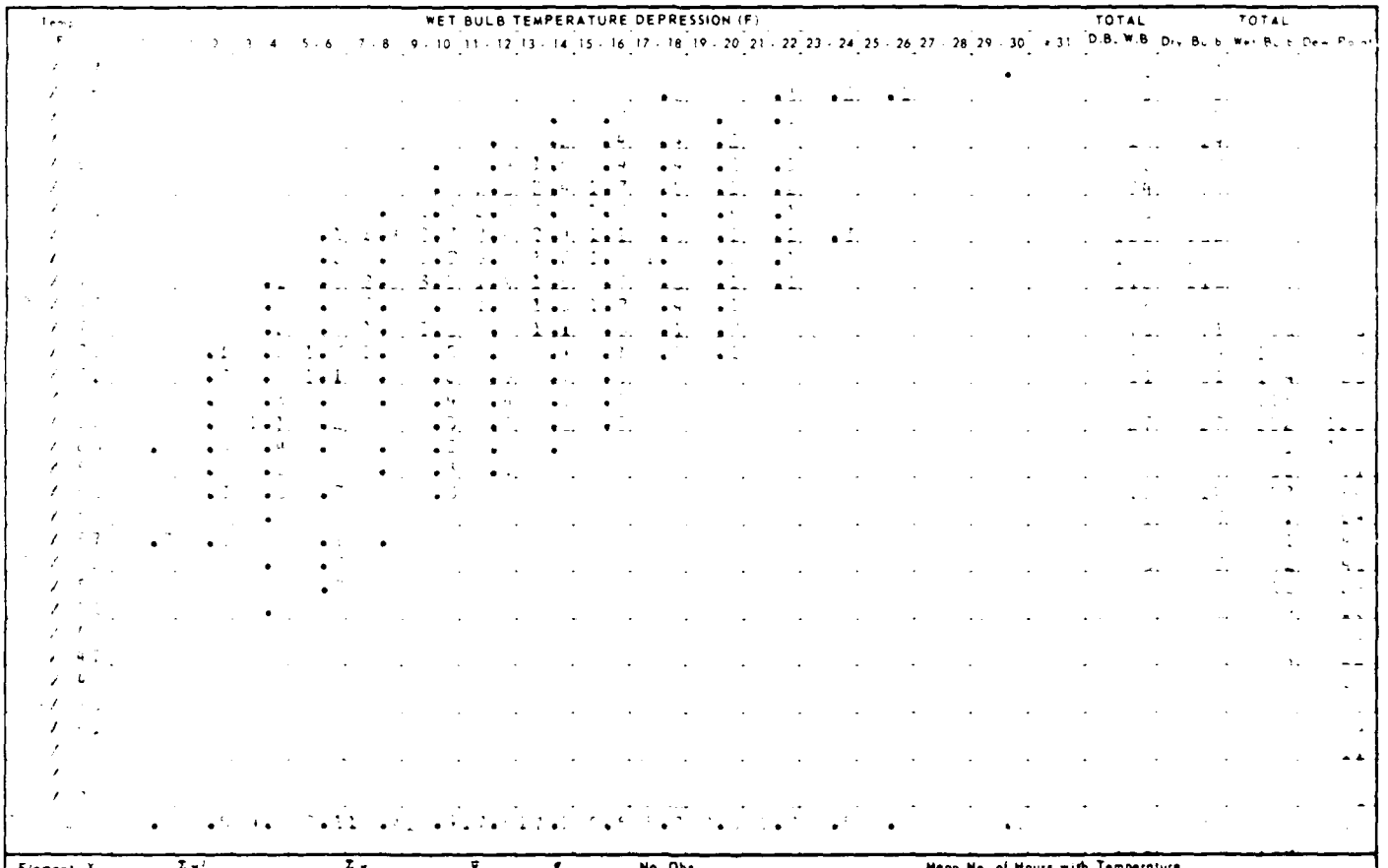
USAFETAC FORM 0-26-5 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

STATION NAME YEARS MONTH

HOURS



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 Form 0-26 S (O.L. A) Previous editions of this form are obsolete.

2

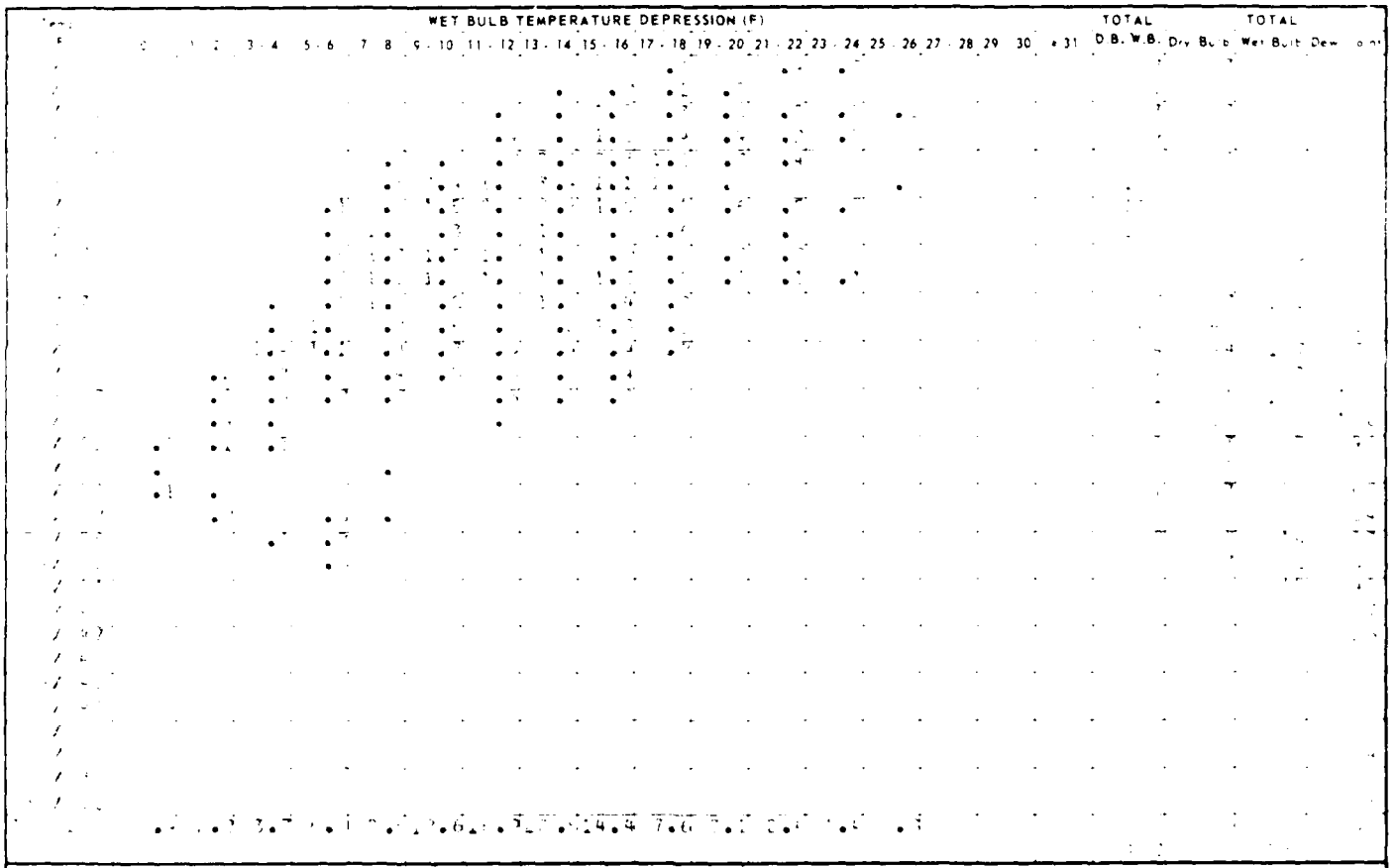
PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

MONTH



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 FORM 0-26-5 (OL-A)

2

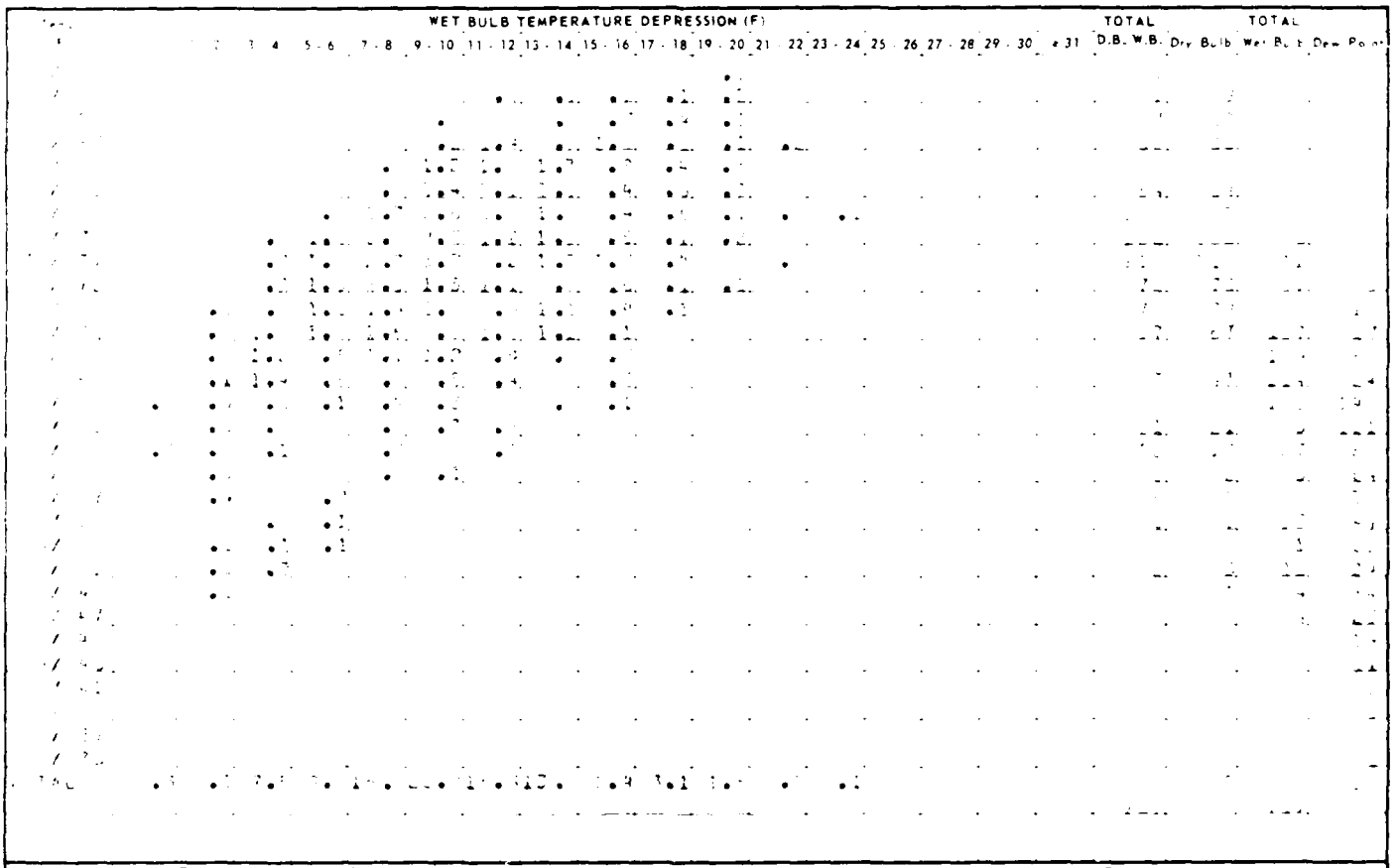
PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)



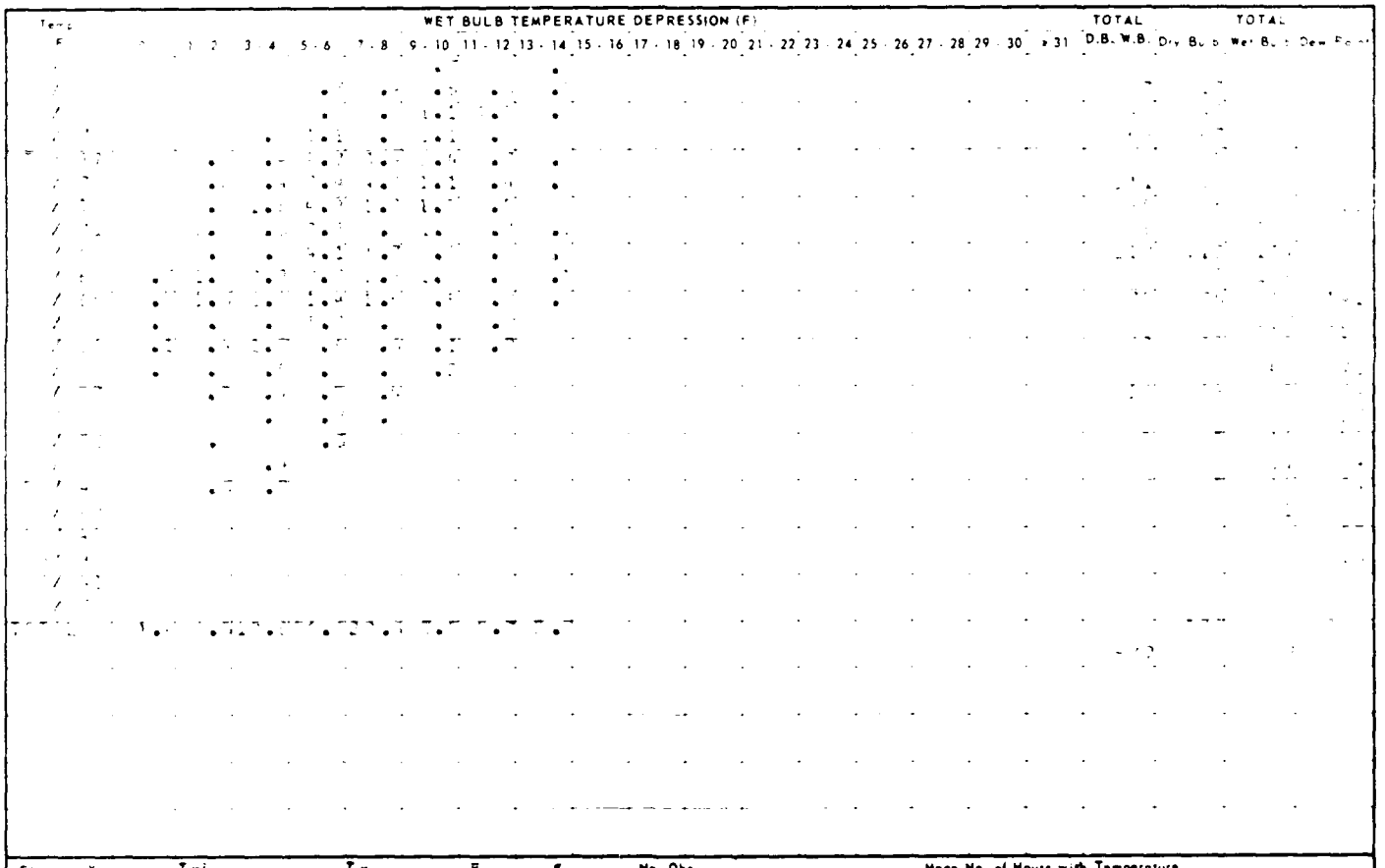
Element X	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH



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												

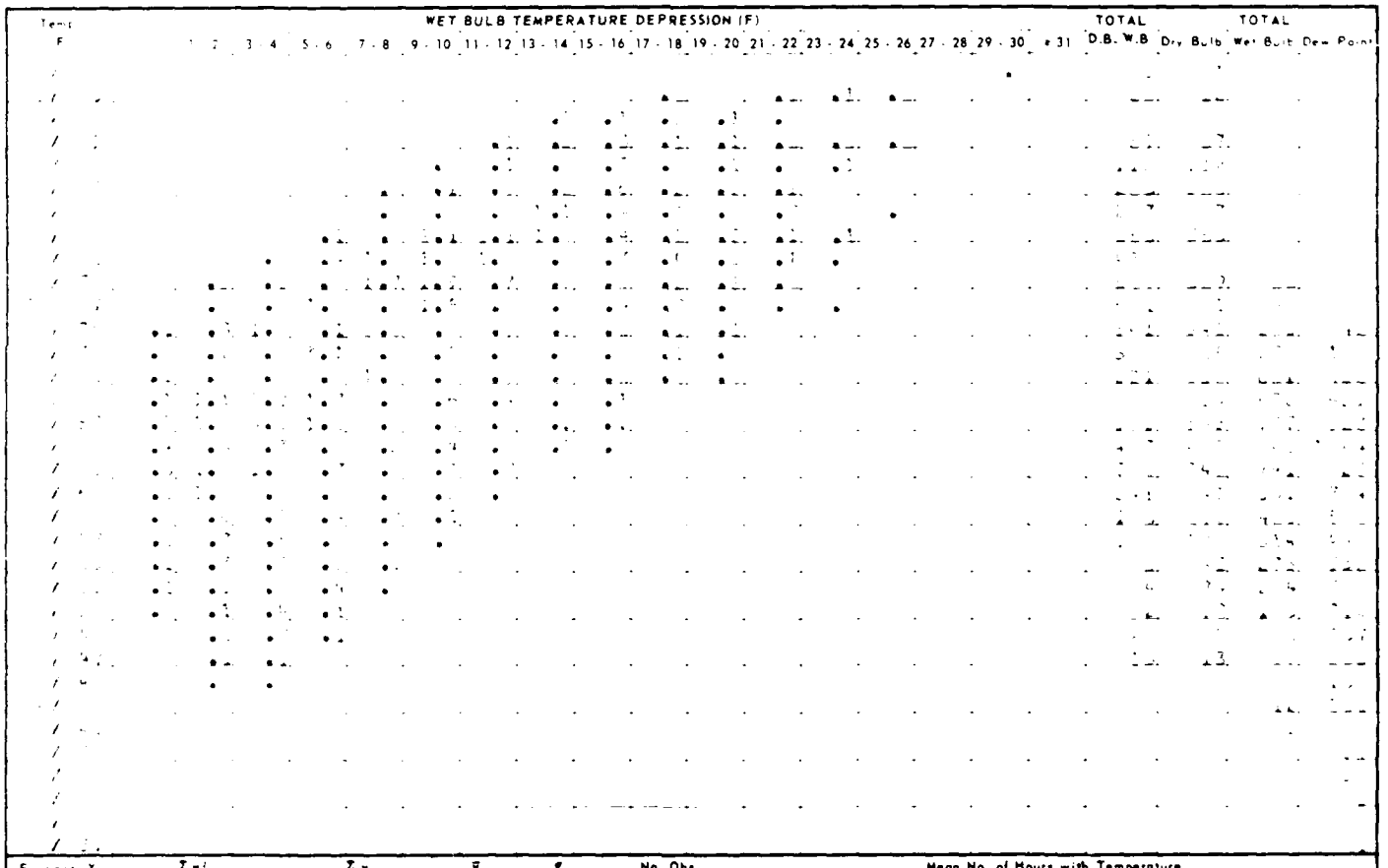
USAFETAC FORM 0-26-5 (OL-A) JUL 64

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS 1 5 *



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

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE & WILL NOT BE USED

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH HOURS

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

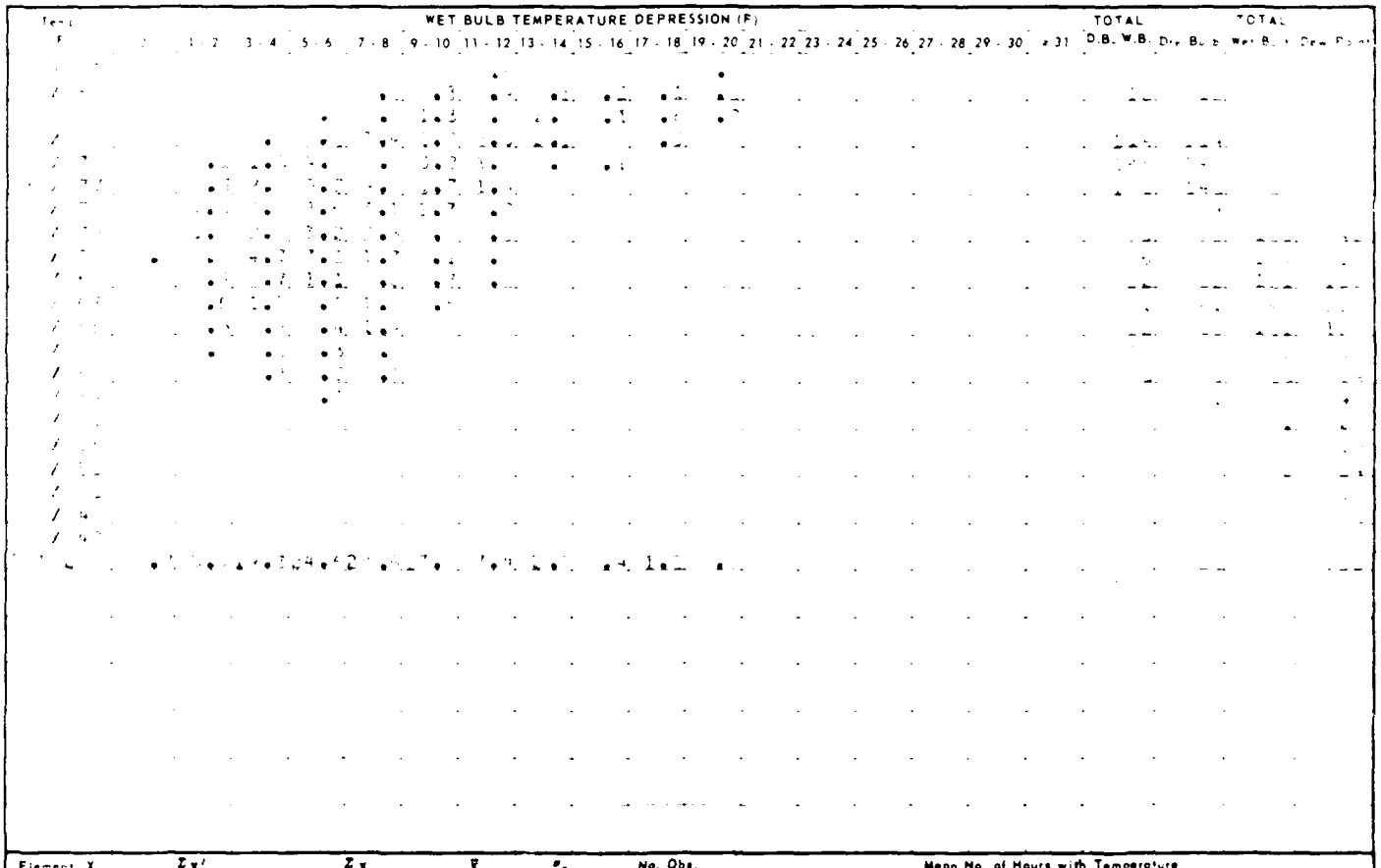
USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

STATION NAME YEARS MONTH

HOURS



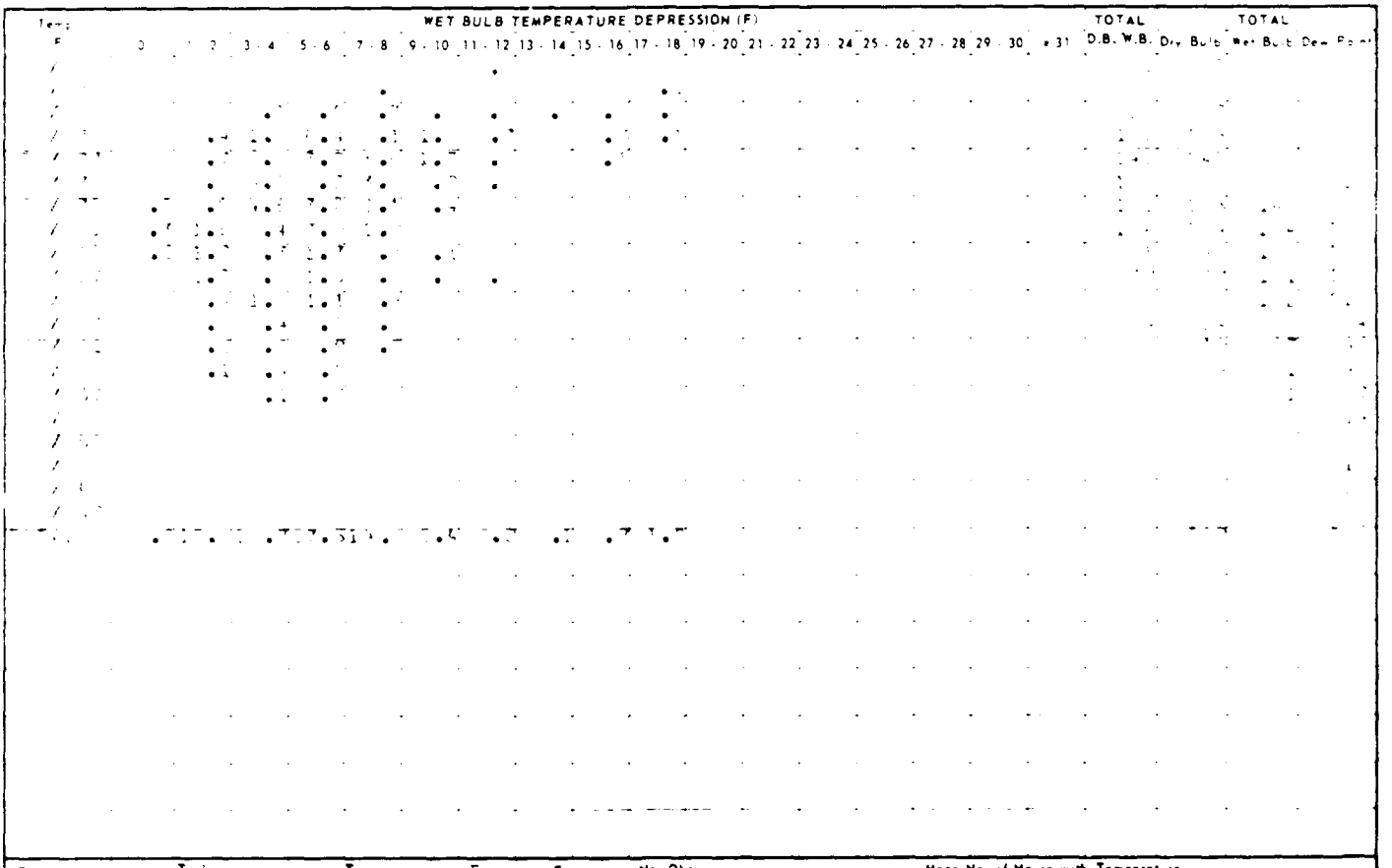
Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH



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 FORM 0-26-5 (OL-A)

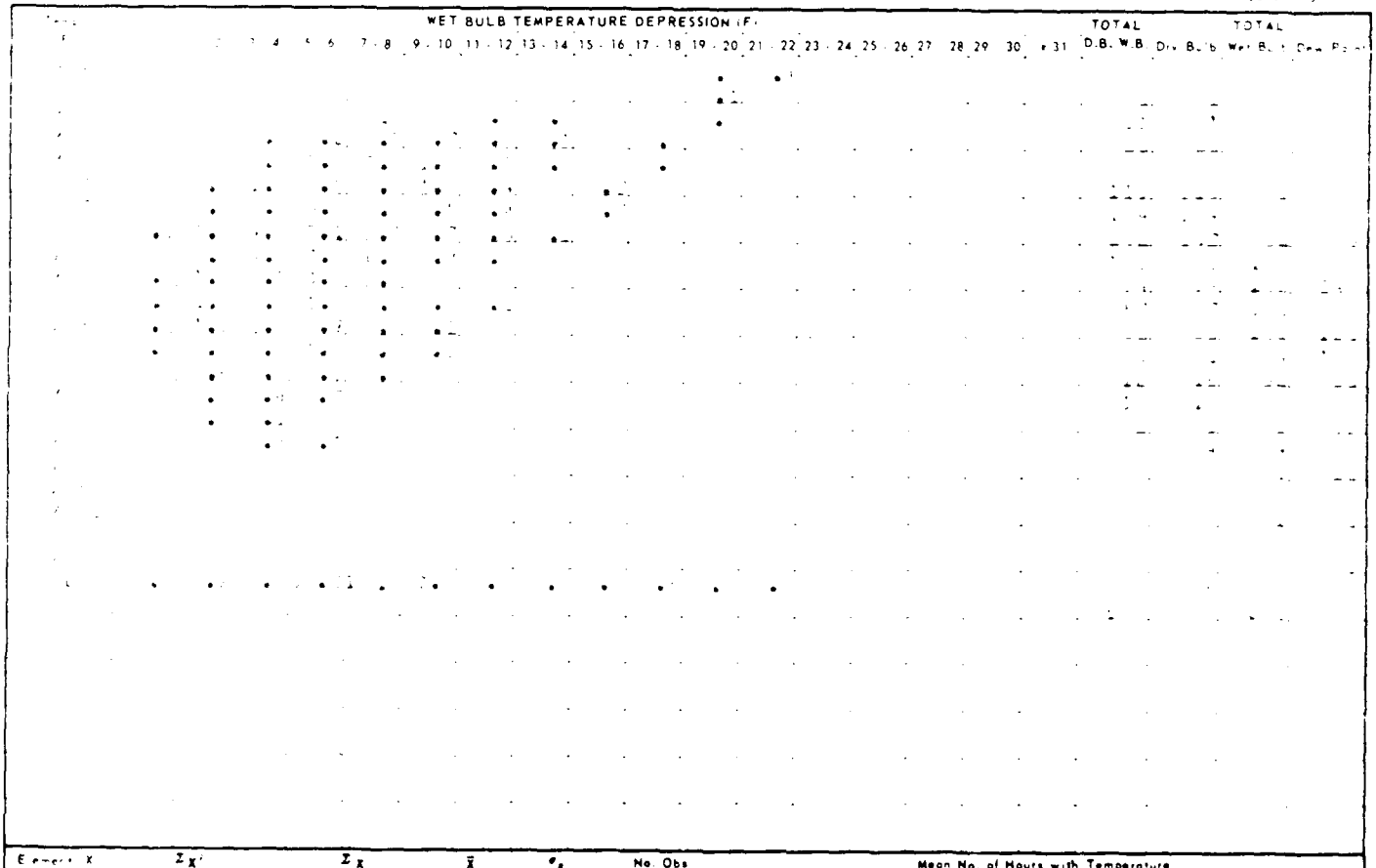
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PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

HOURS



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

USAFETAC FORM 0-26-5 (L, A)

2

PSYCHROMETRIC SUMMARY

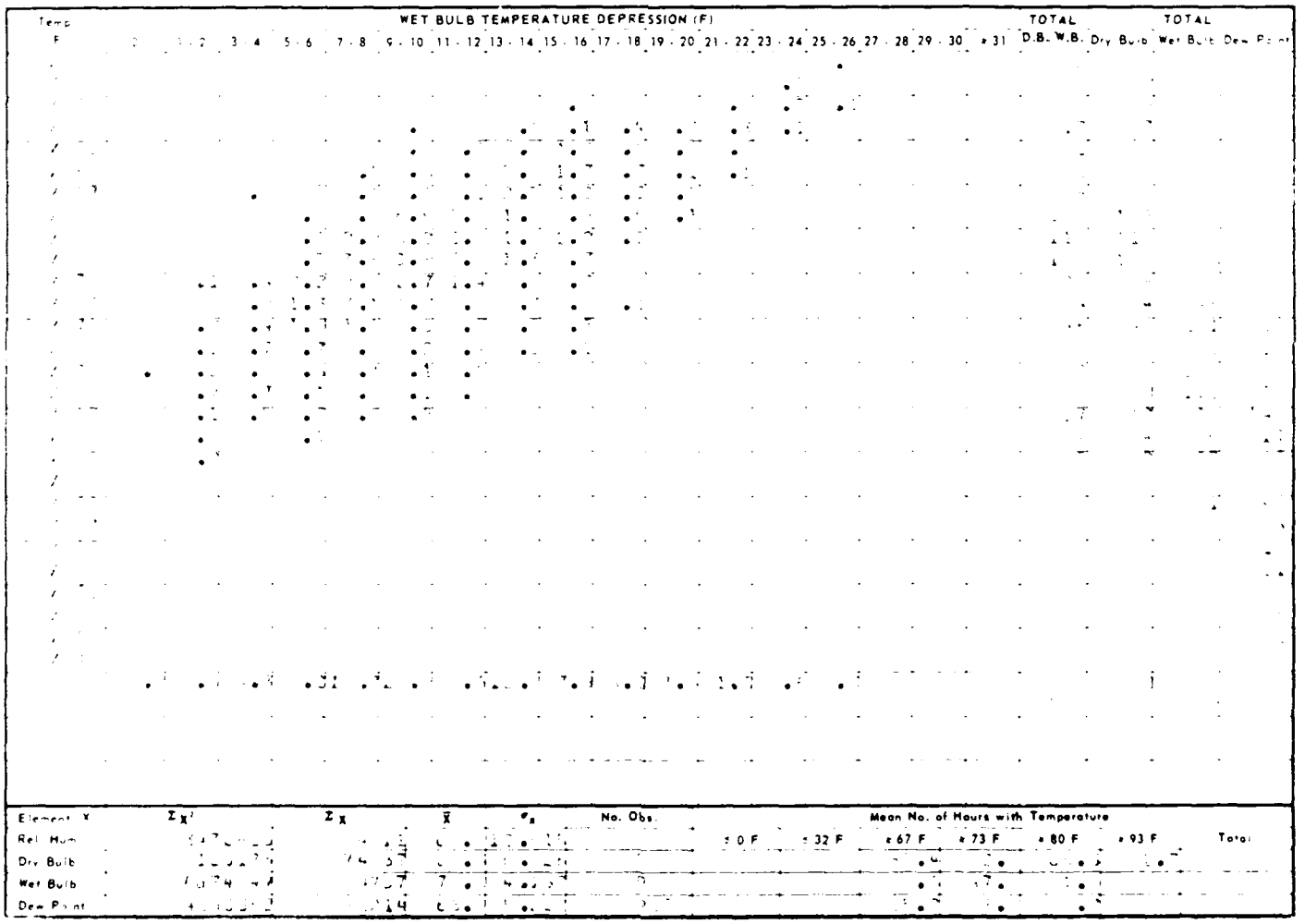
STATION

STATION NAME

YEARS

MONTH

HOURS



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 FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 68

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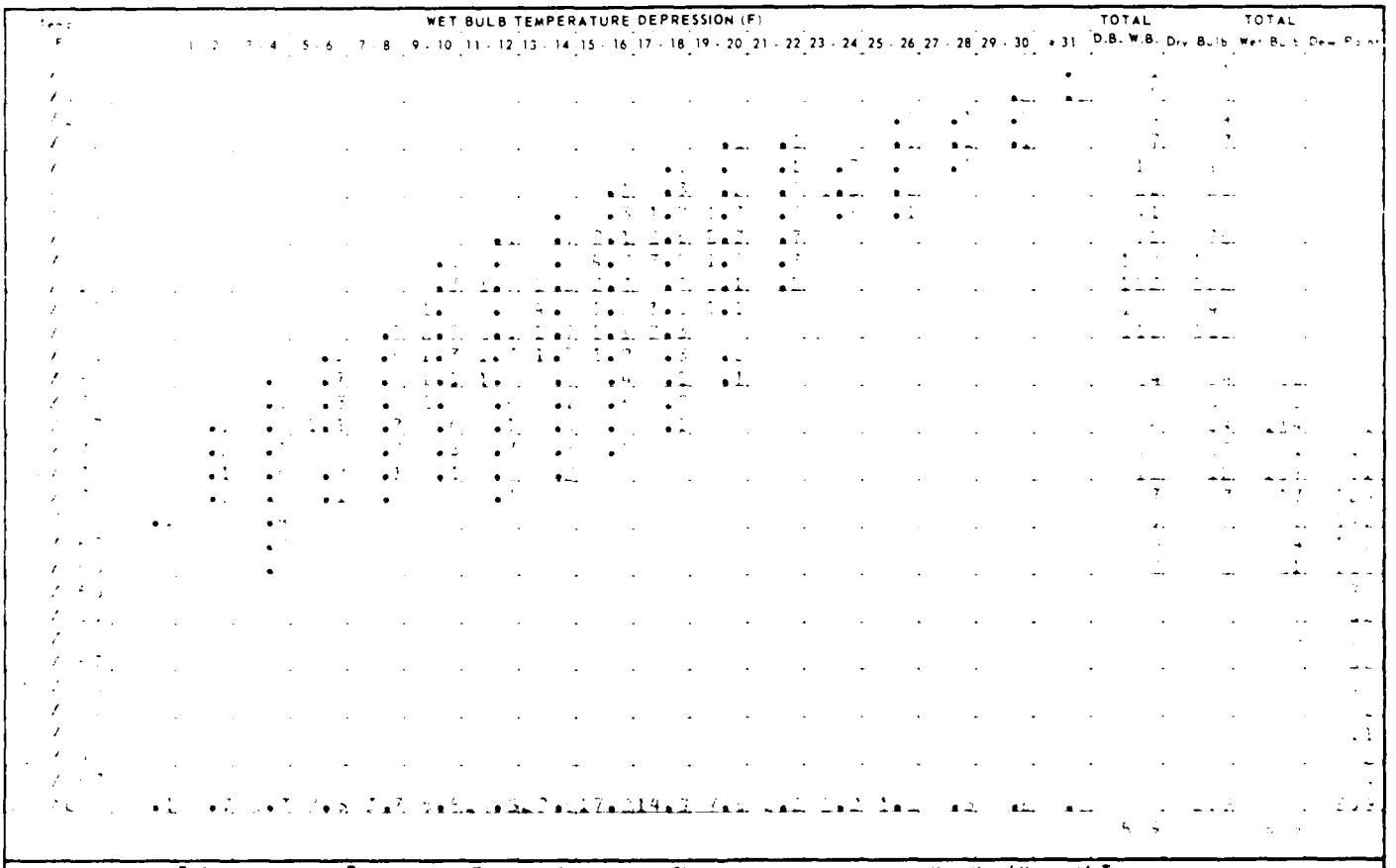
PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

HOURS



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

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

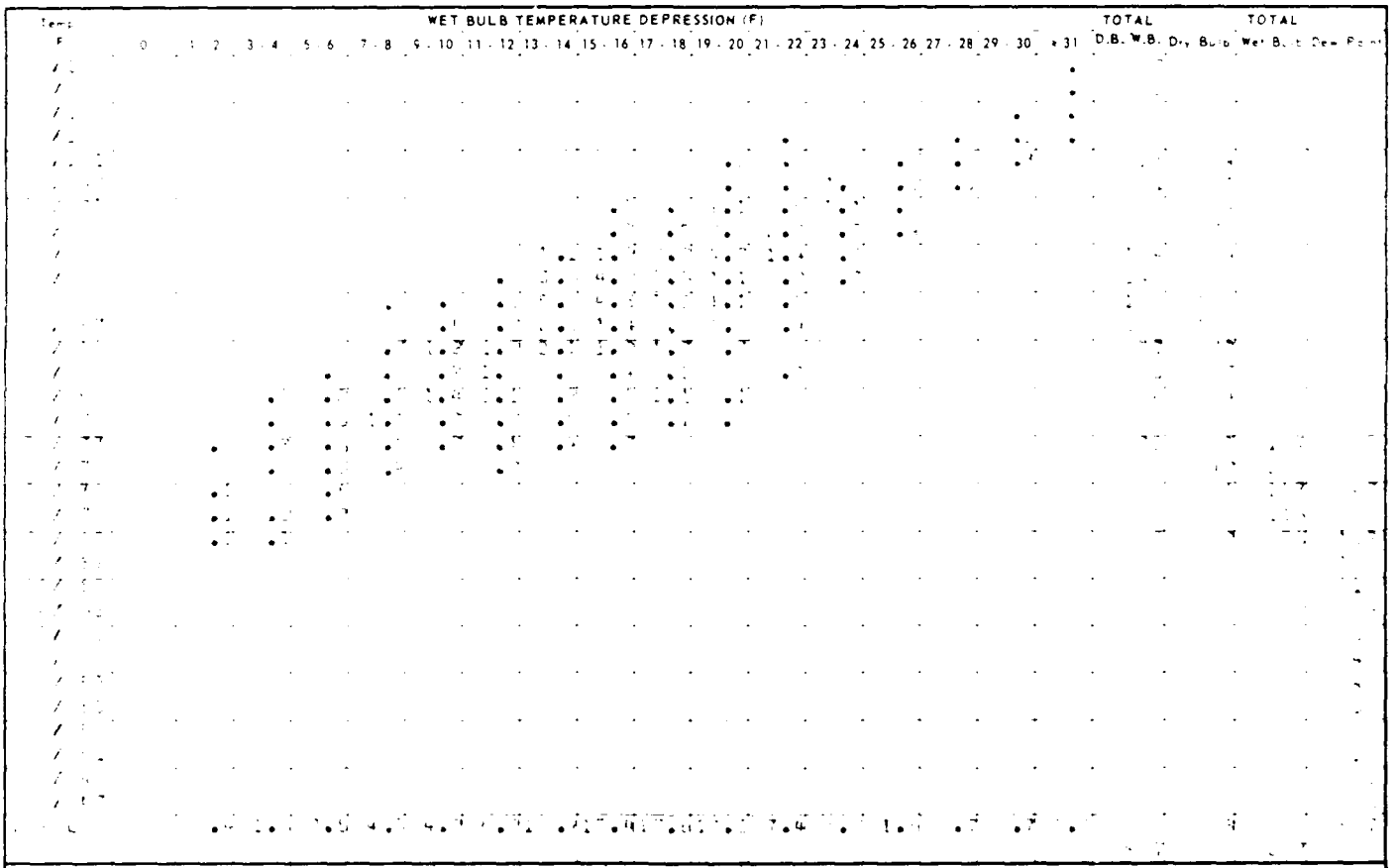
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PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH



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												

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

2

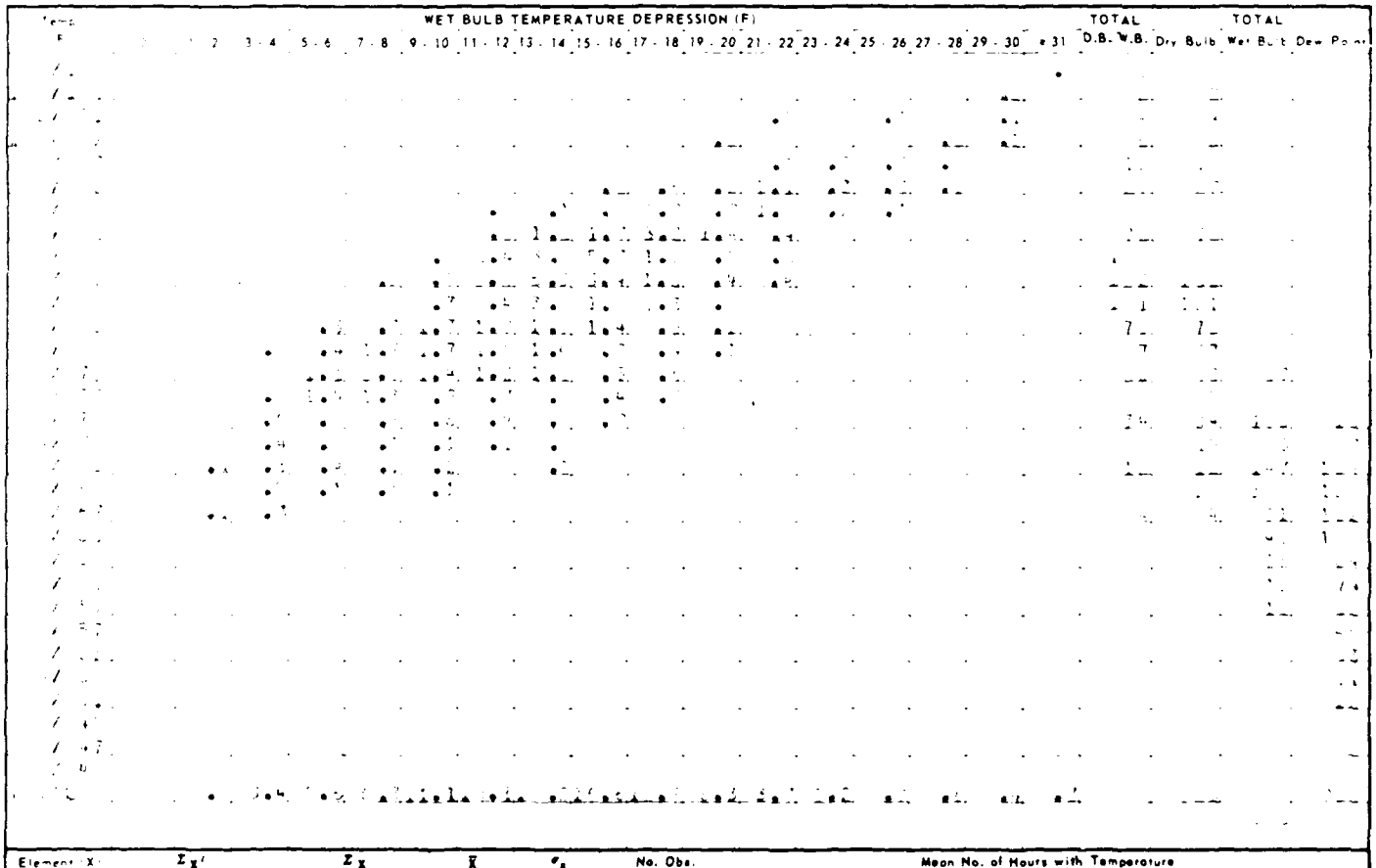
PSYCHROMETRIC SUMMARY

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. Humi												
Dry Bulb												
Wet Bulb												
Dew Point												

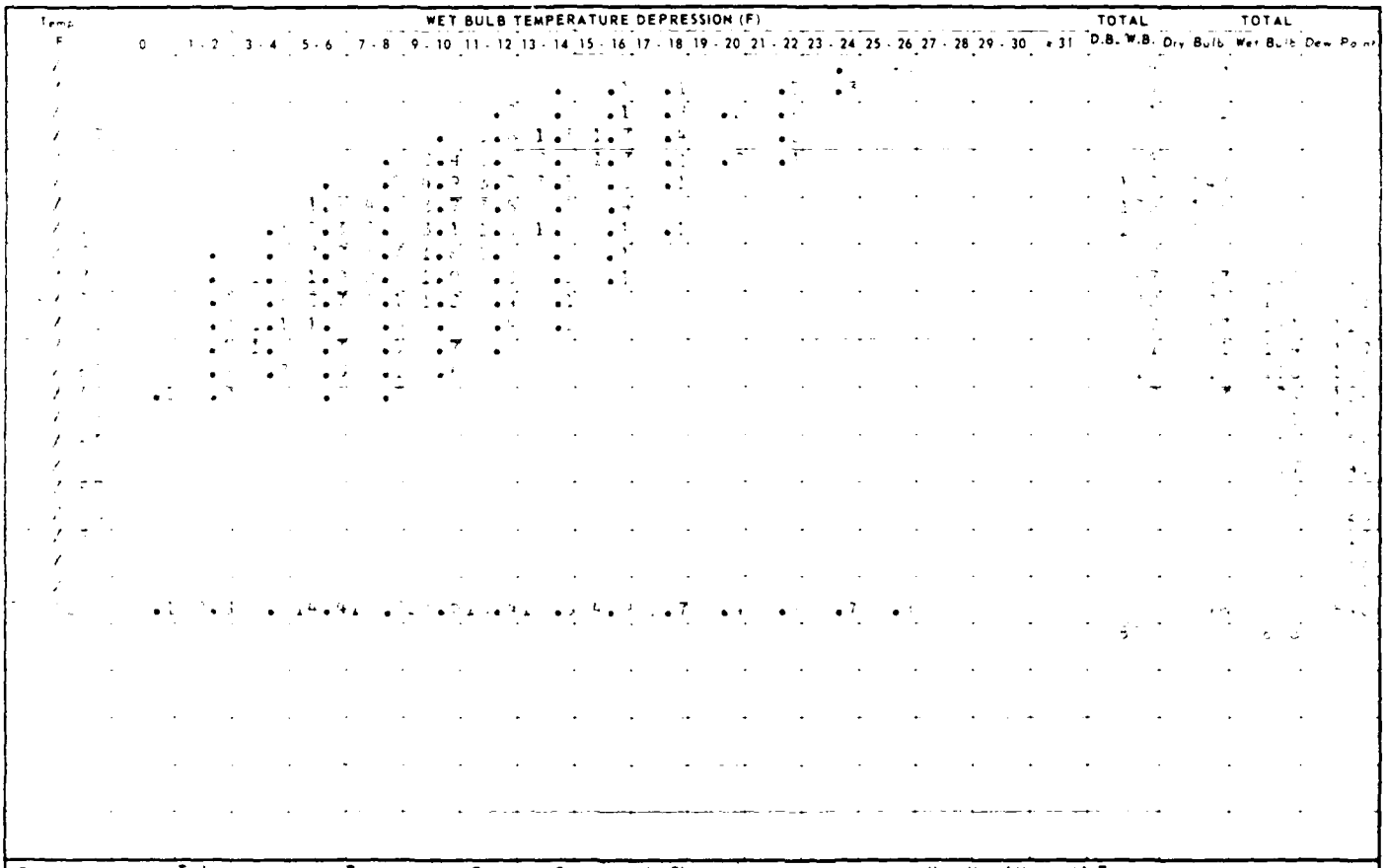
USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS



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

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. AUG 64

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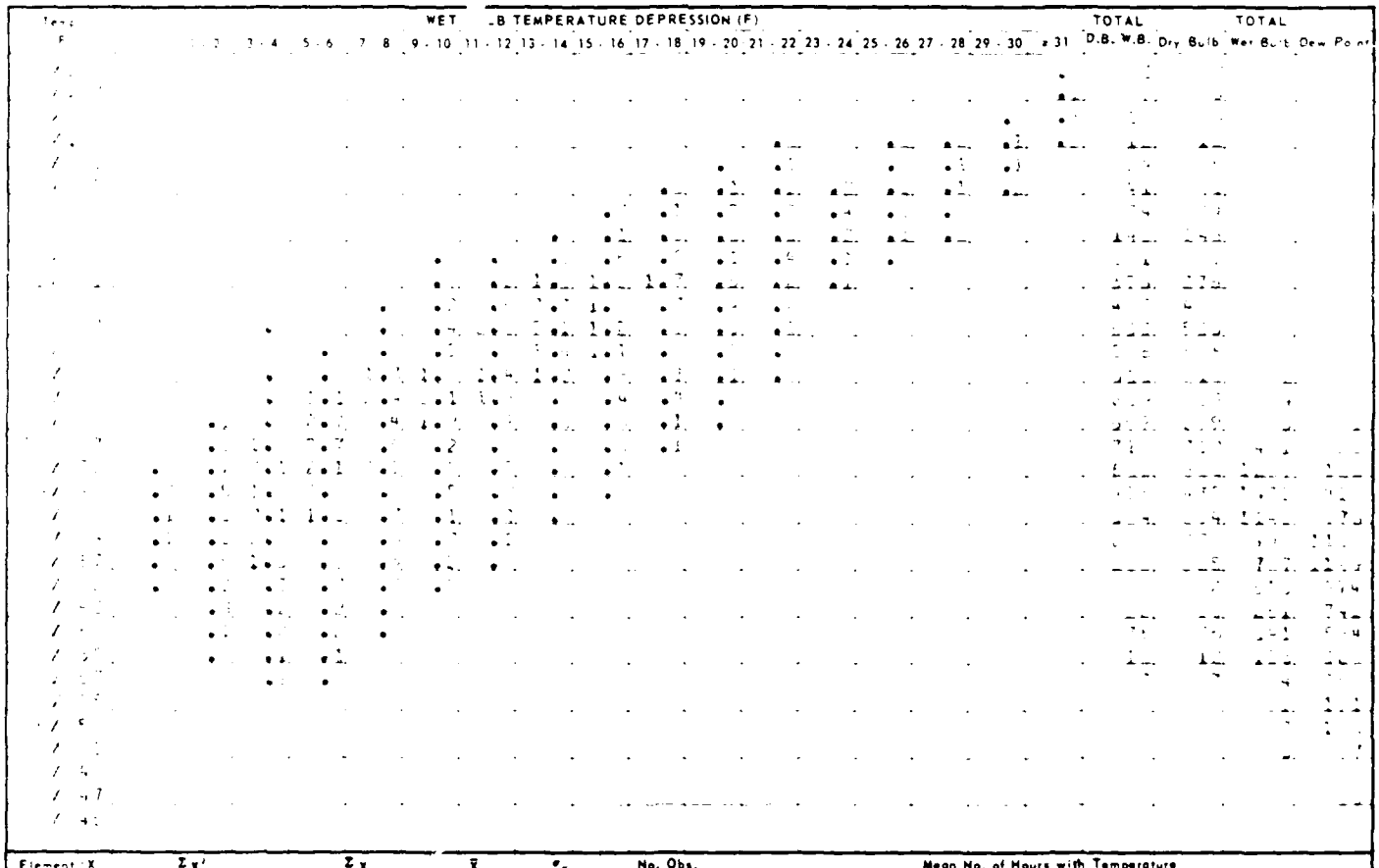
PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

HOURS



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

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

2

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOUR _____

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 FORM 0-26-5 (OL-A) JUL 64

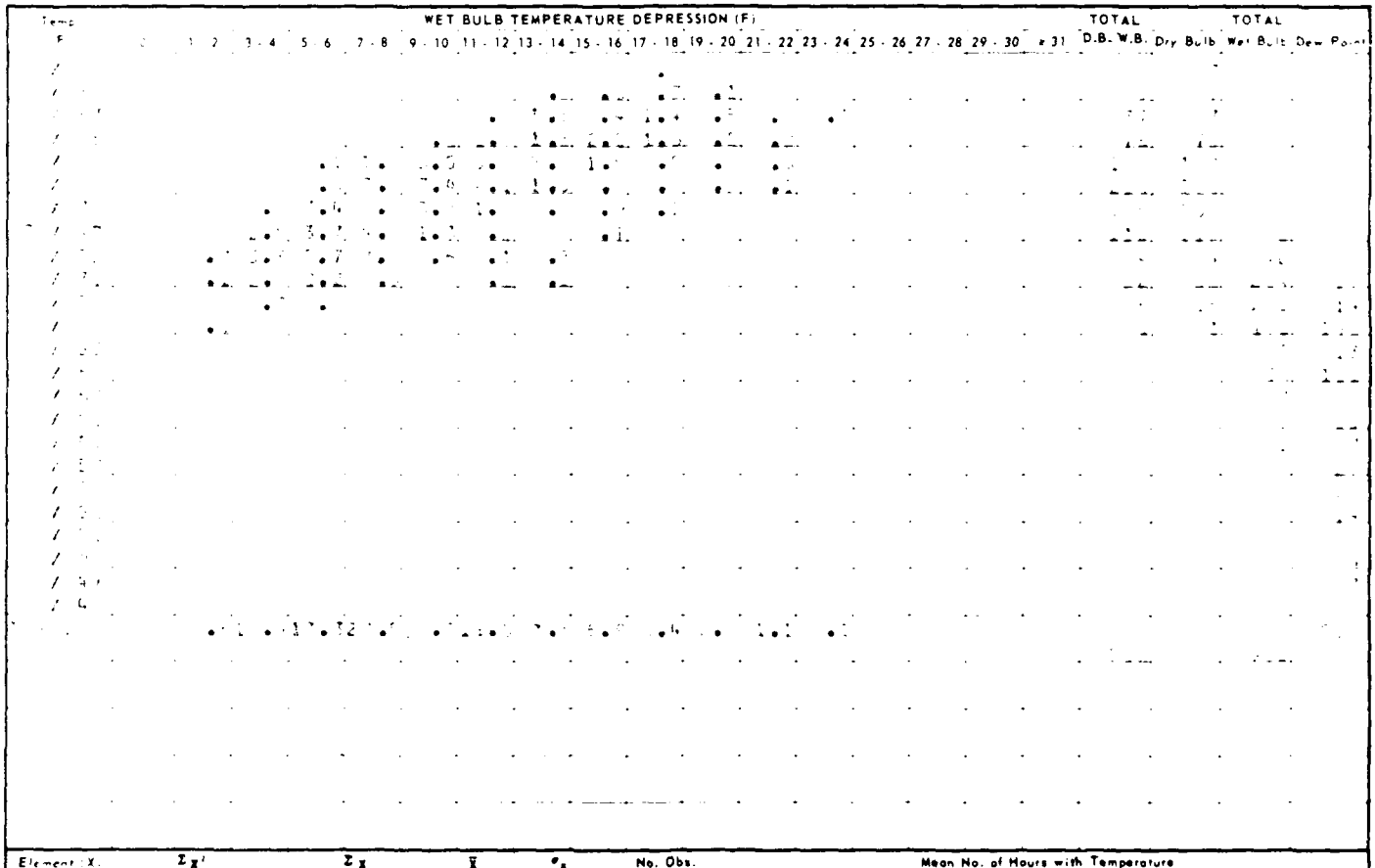
2

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

HOURS



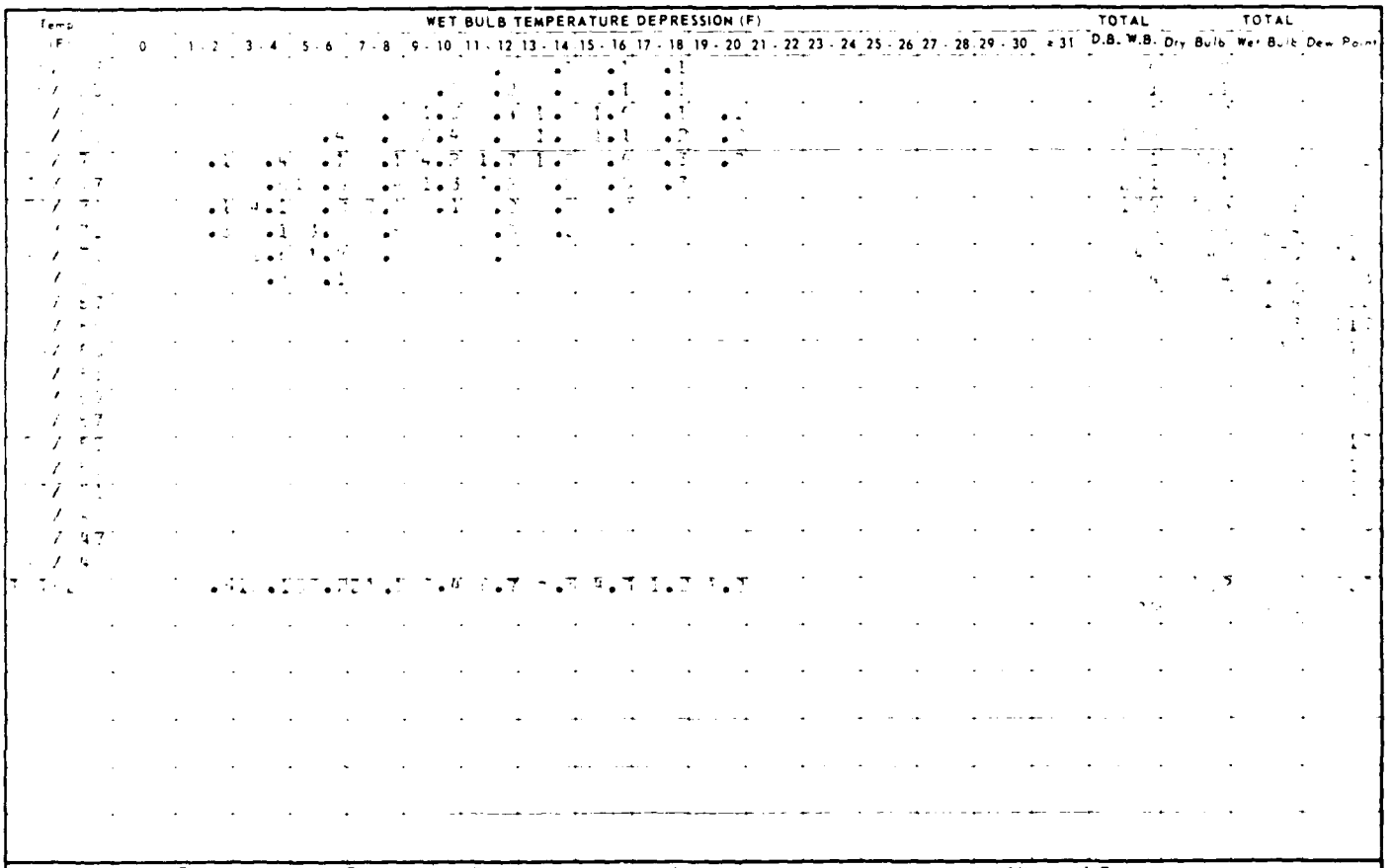
Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Re Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. JUL 64

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS



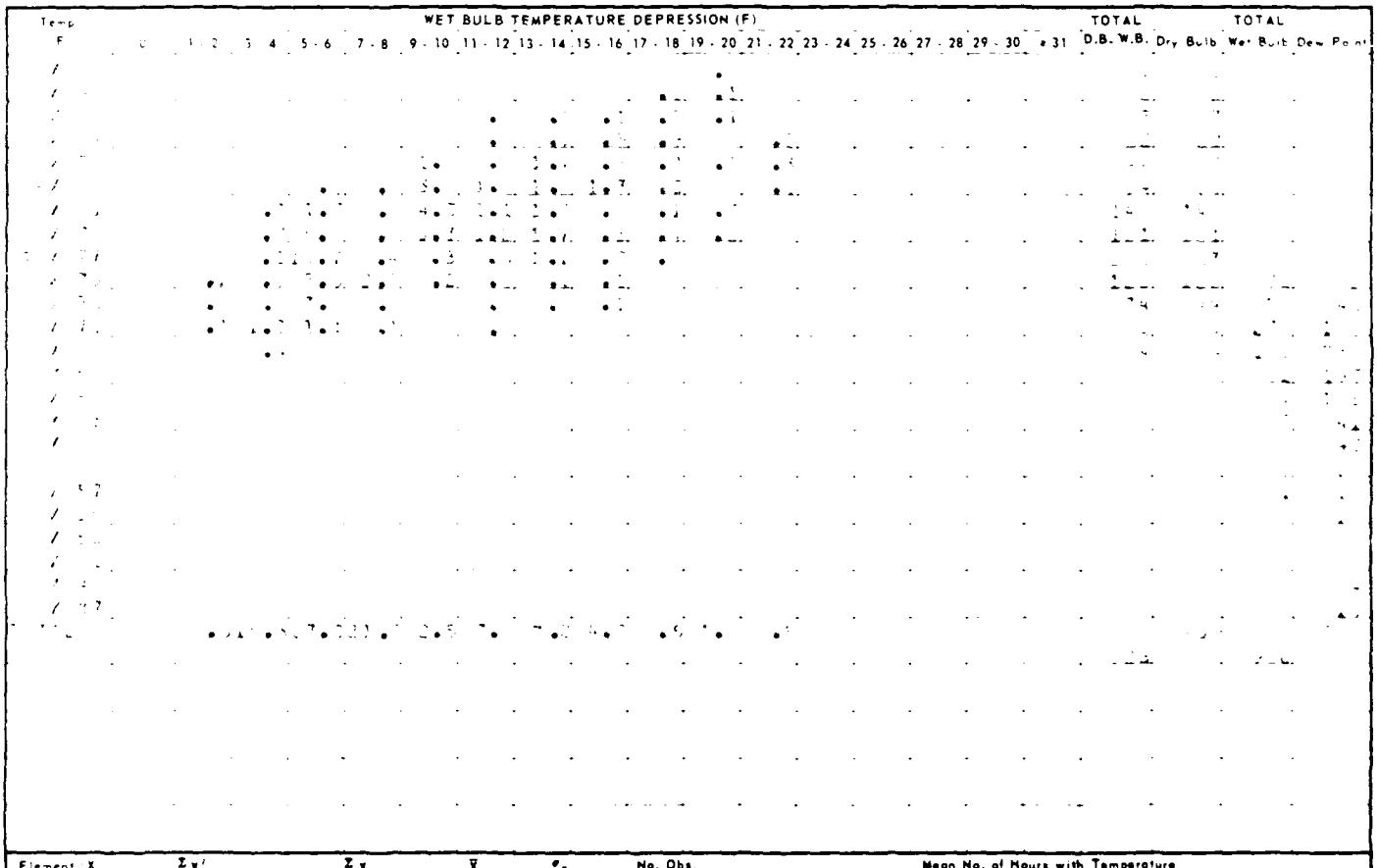
Element X	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

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

2

PSYCHROMETRIC SUMMARY

STATION NAME TX YEARS MONTH HOURS



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

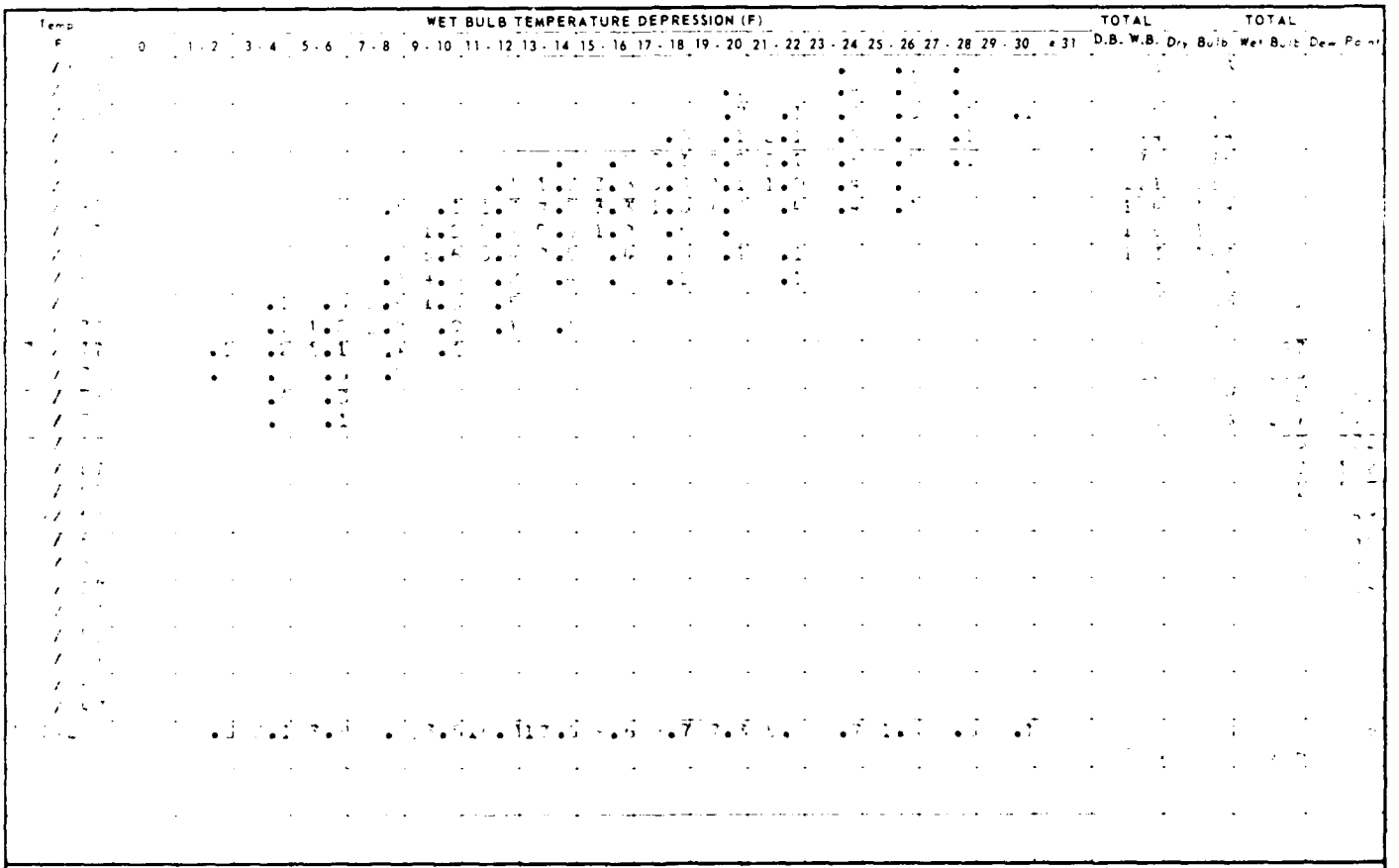
USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS



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

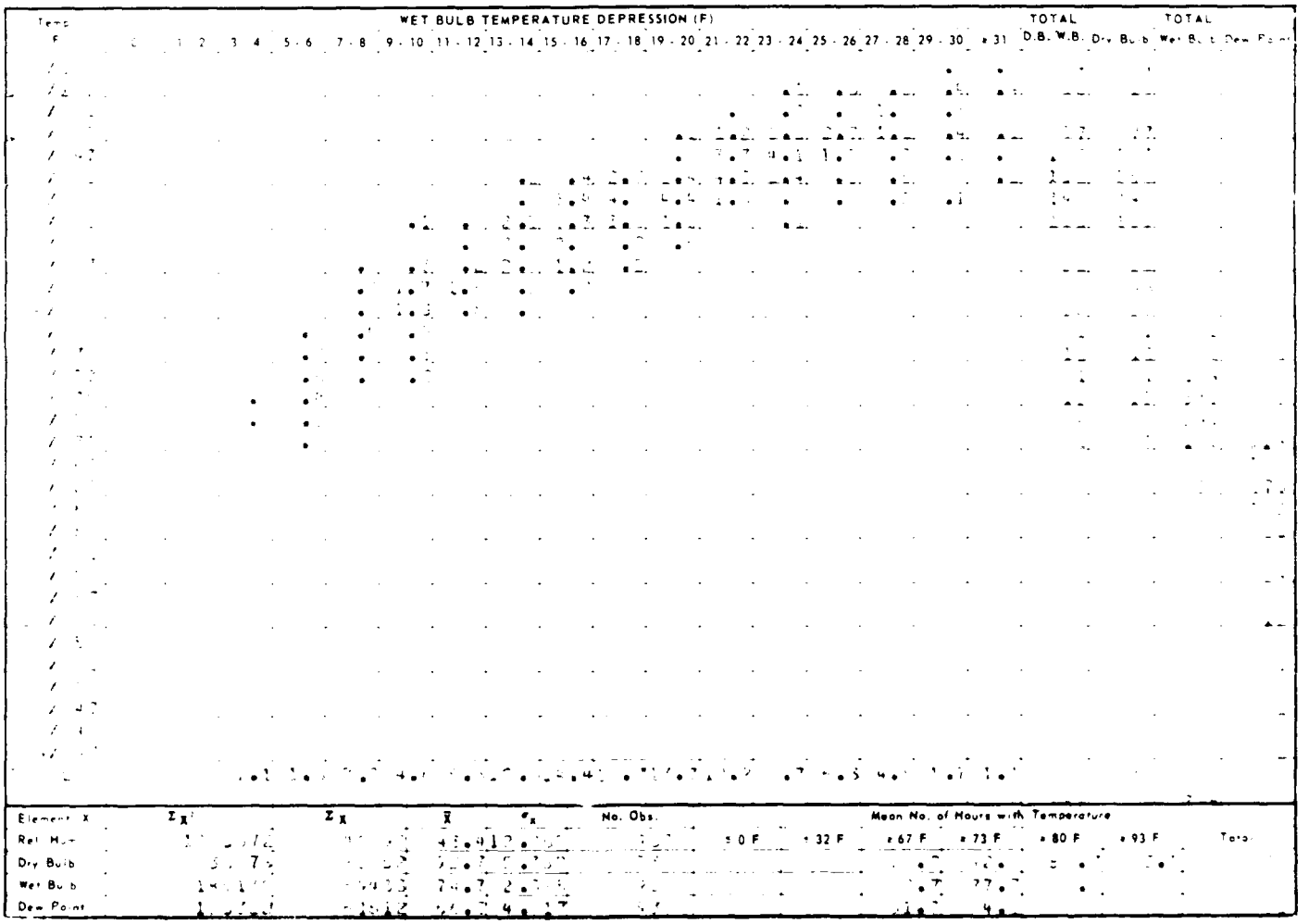
USAFETAC FORM 0-26-5 (OL-A)

2

PSYCHROMETRIC SUMMARY

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

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

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

2

PSYCHROMETRIC SUMMARY

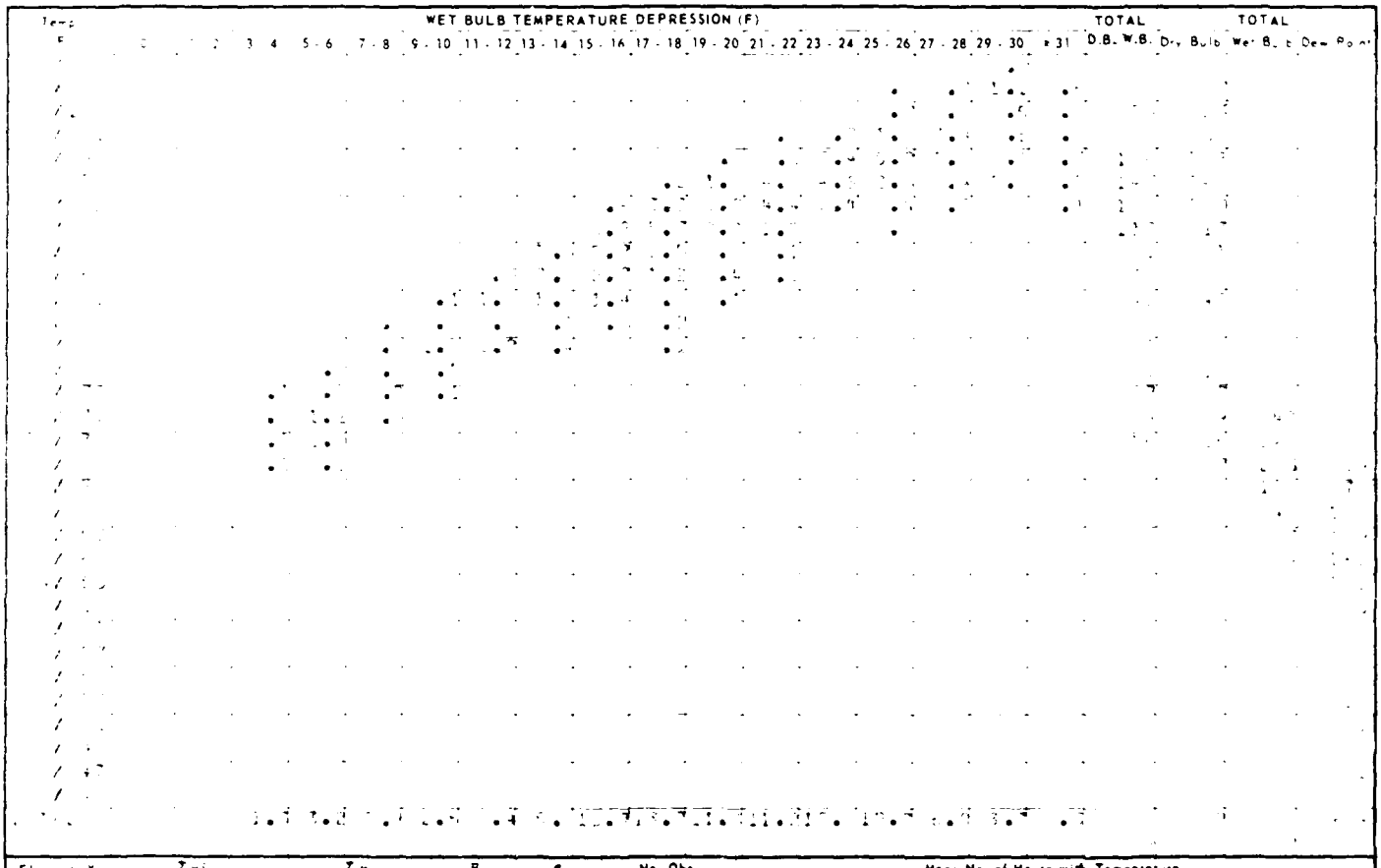
STATION

STATION NAME

YEARS

MONTH

HOURS

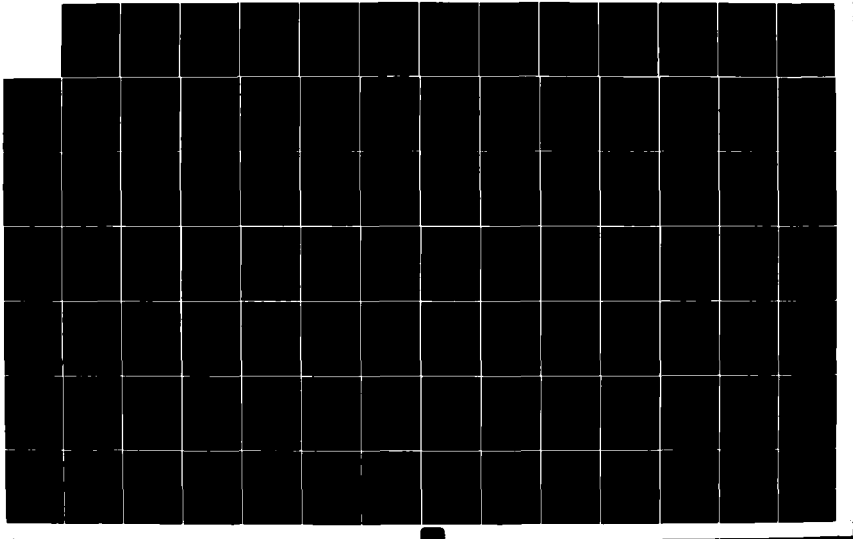


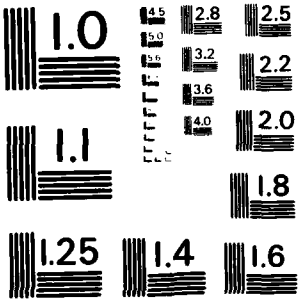
Element	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Tot
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

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

AD-A131 193 CARSWELL AFB TEXAS REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATION..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAY 83 5/5

UNCLASSIFIED USAFETAC/DS-83/020 SBI-AD-E850 398 F/G 4/2 NL





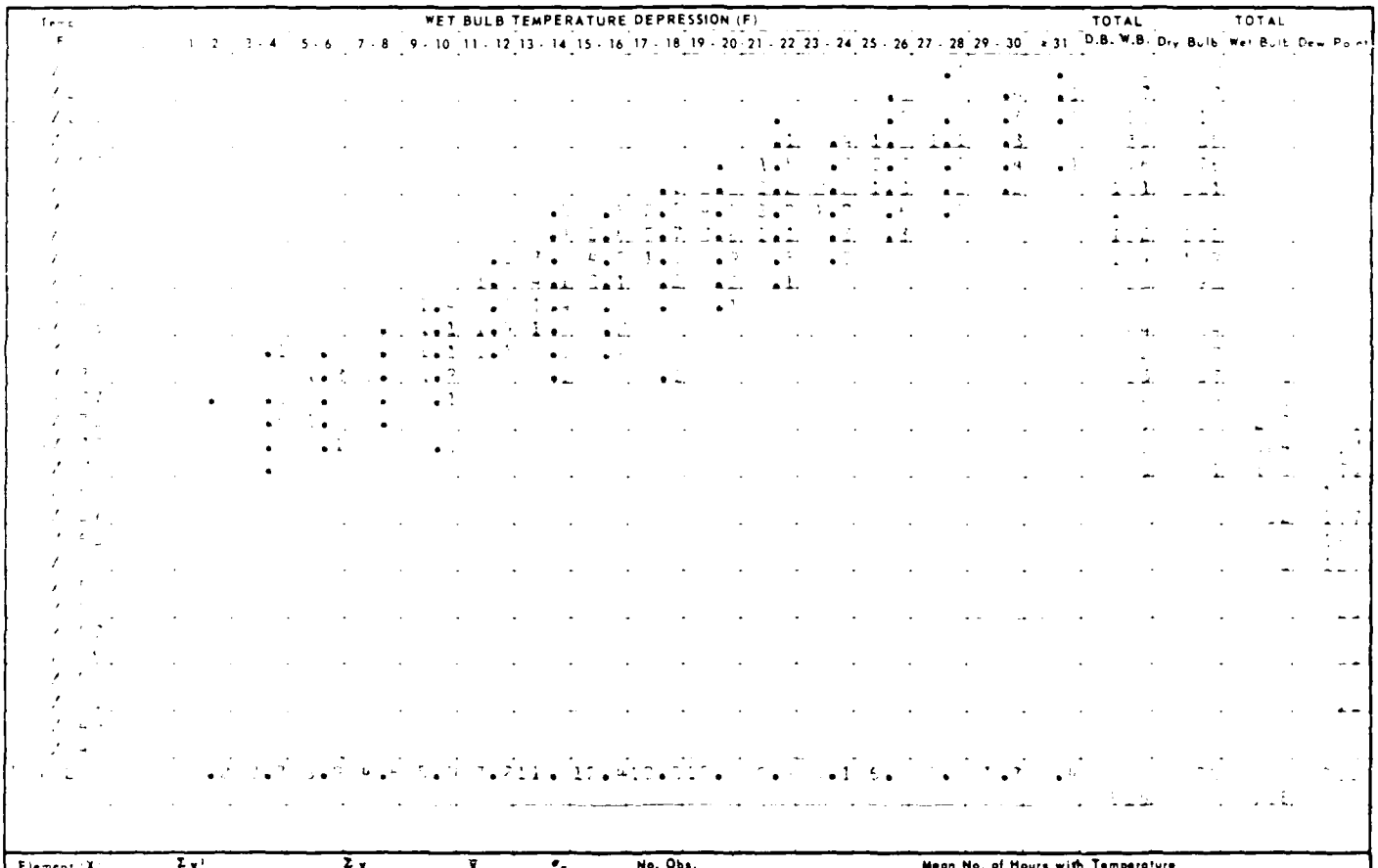
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 963

2

PSYCHROMETRIC SUMMARY

STATION TX
STATION NAME YEARS MONTH

HOURS



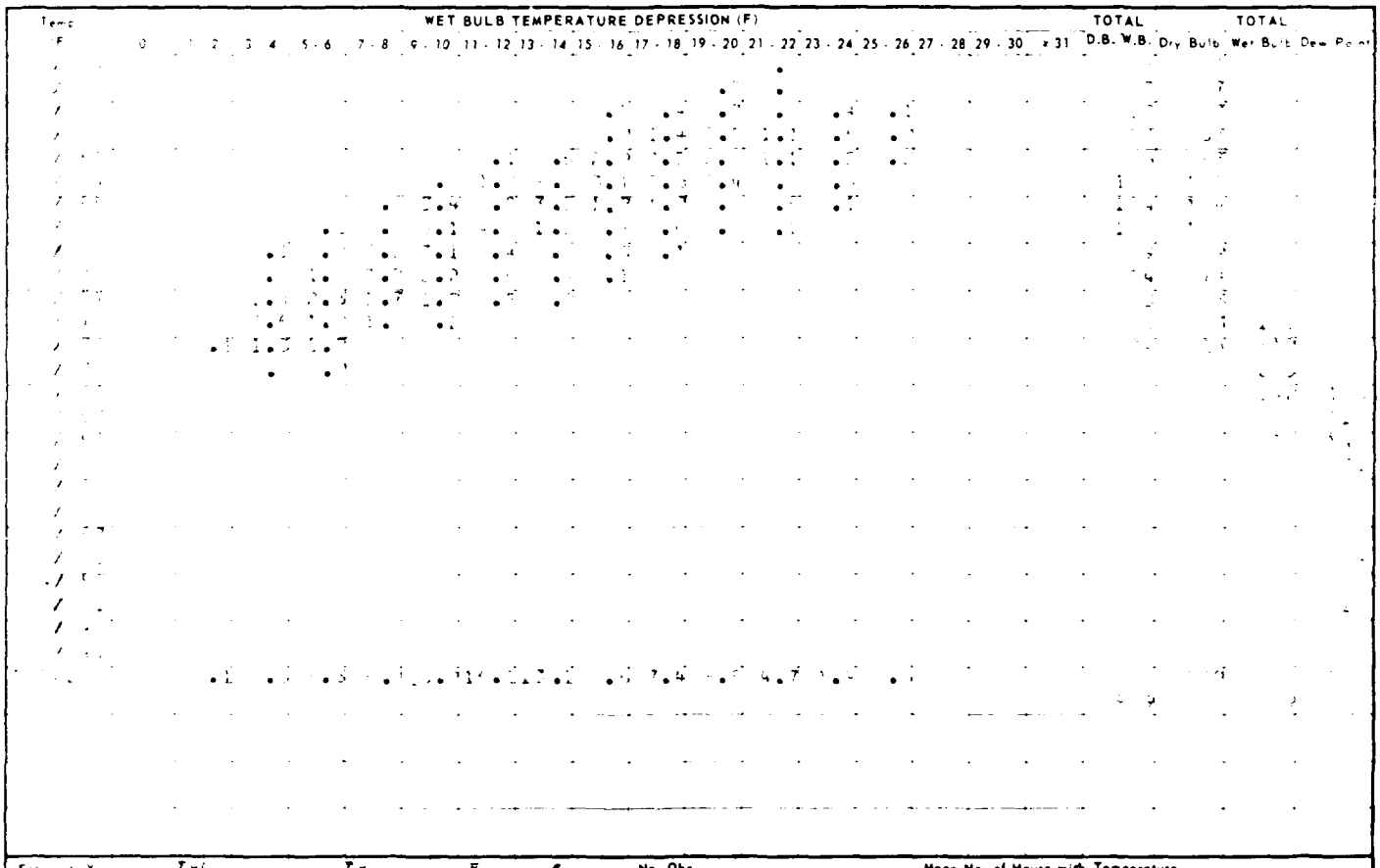
Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS



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

USAFETAC FORM 0-26-5 OLAI PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE & WILL NOT BE USED

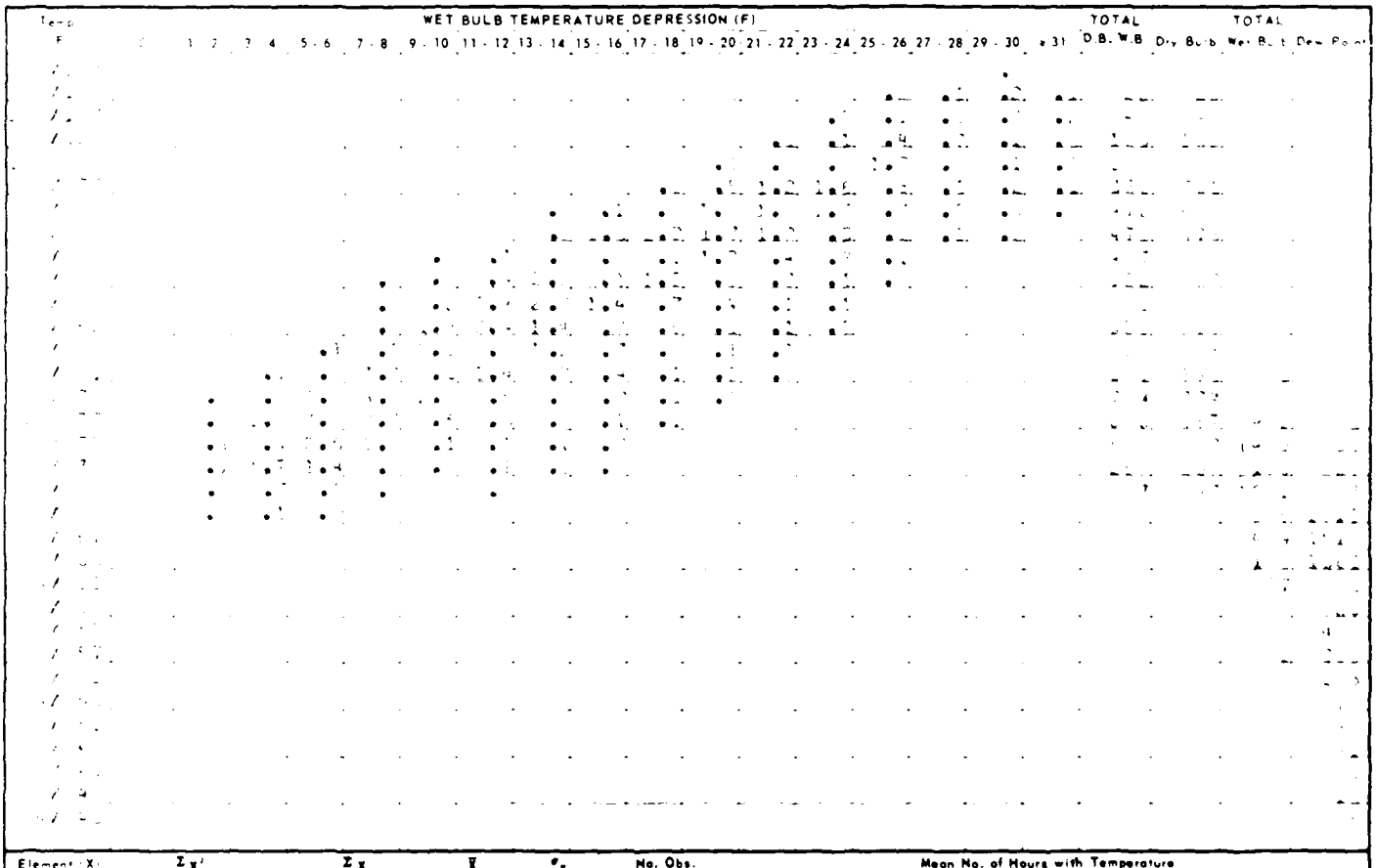
2

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

HOURS



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

USAFETAC FORM 0 26 5 (OL A) JUL 84

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

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

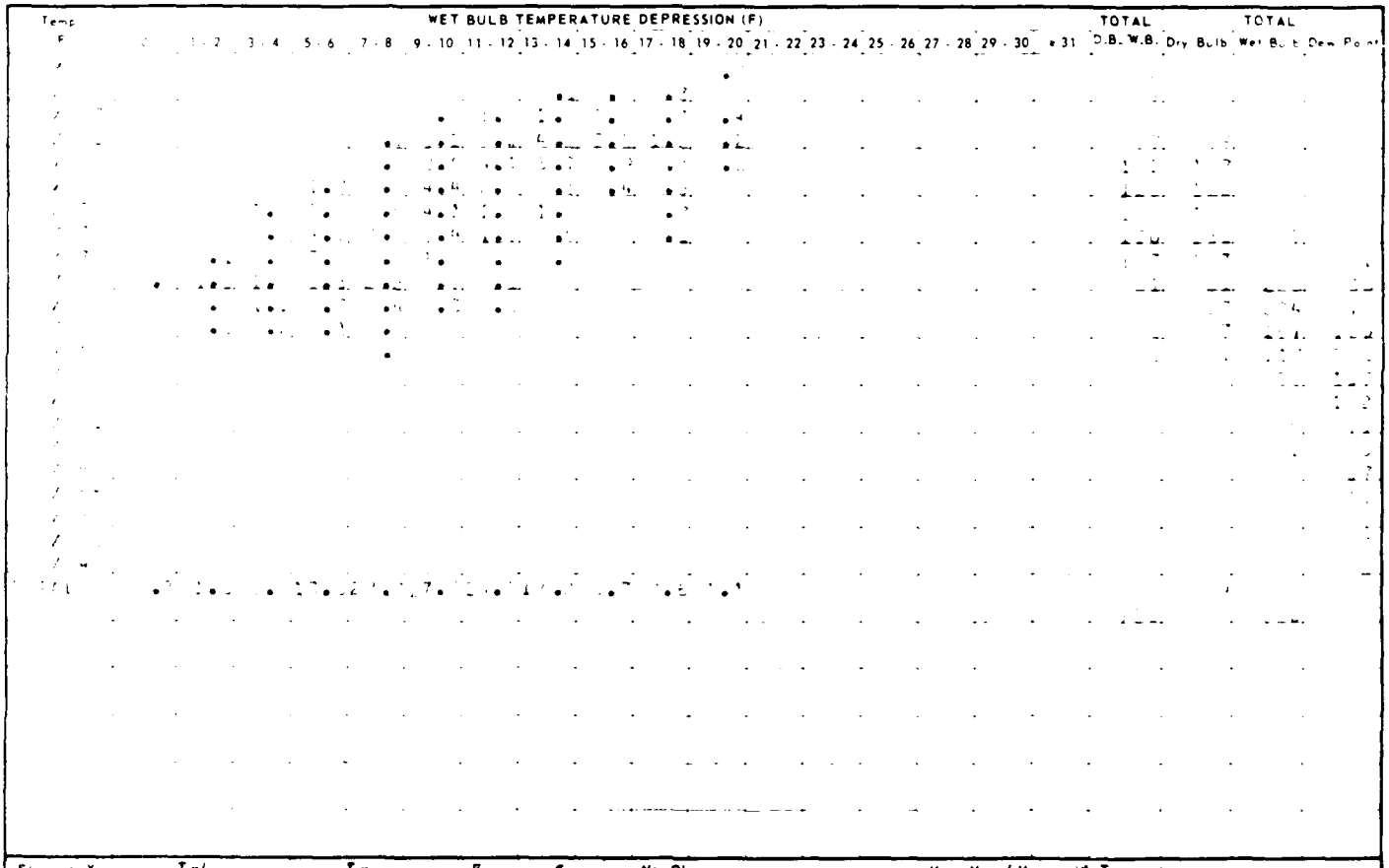
USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS



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

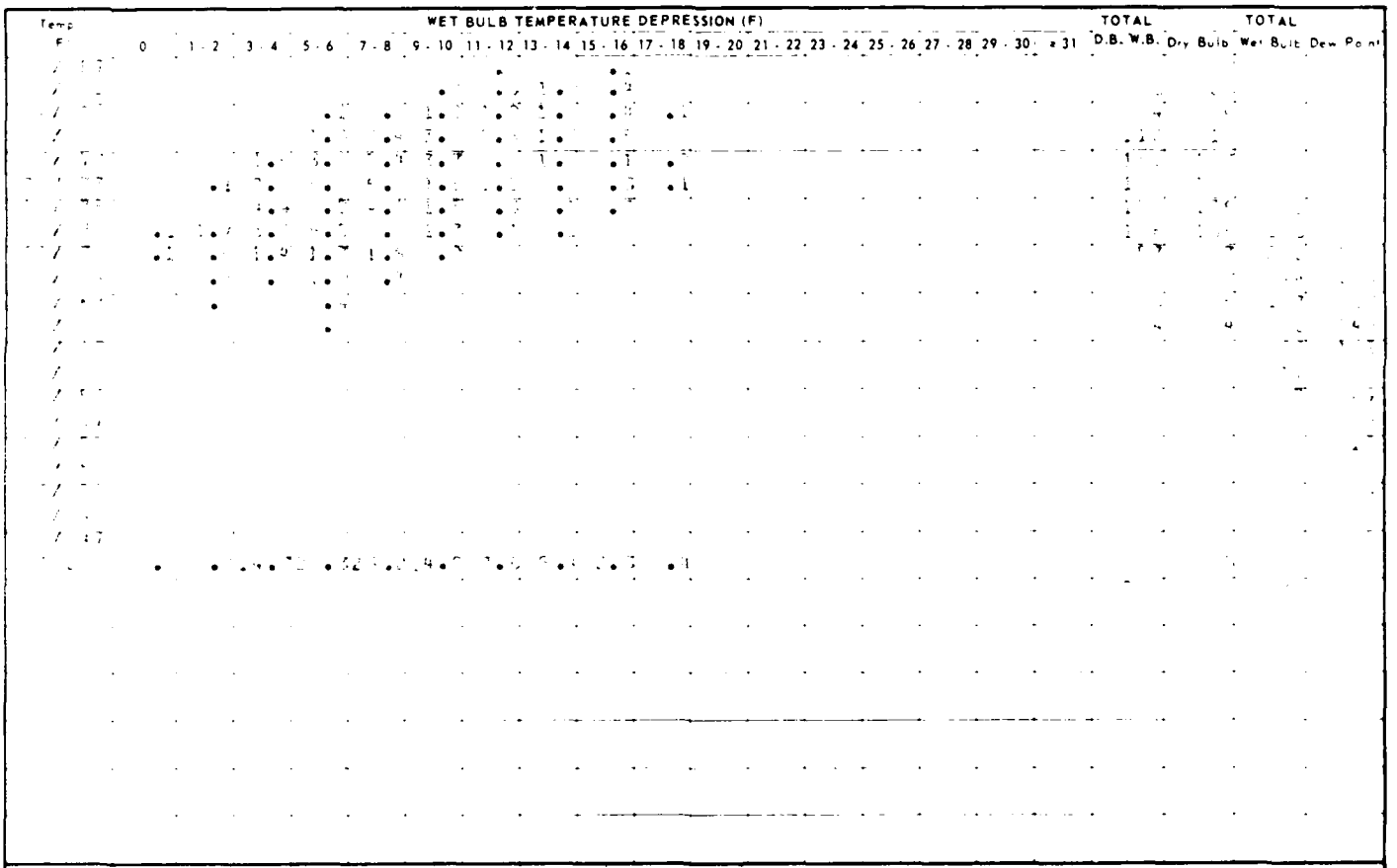
USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS



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												

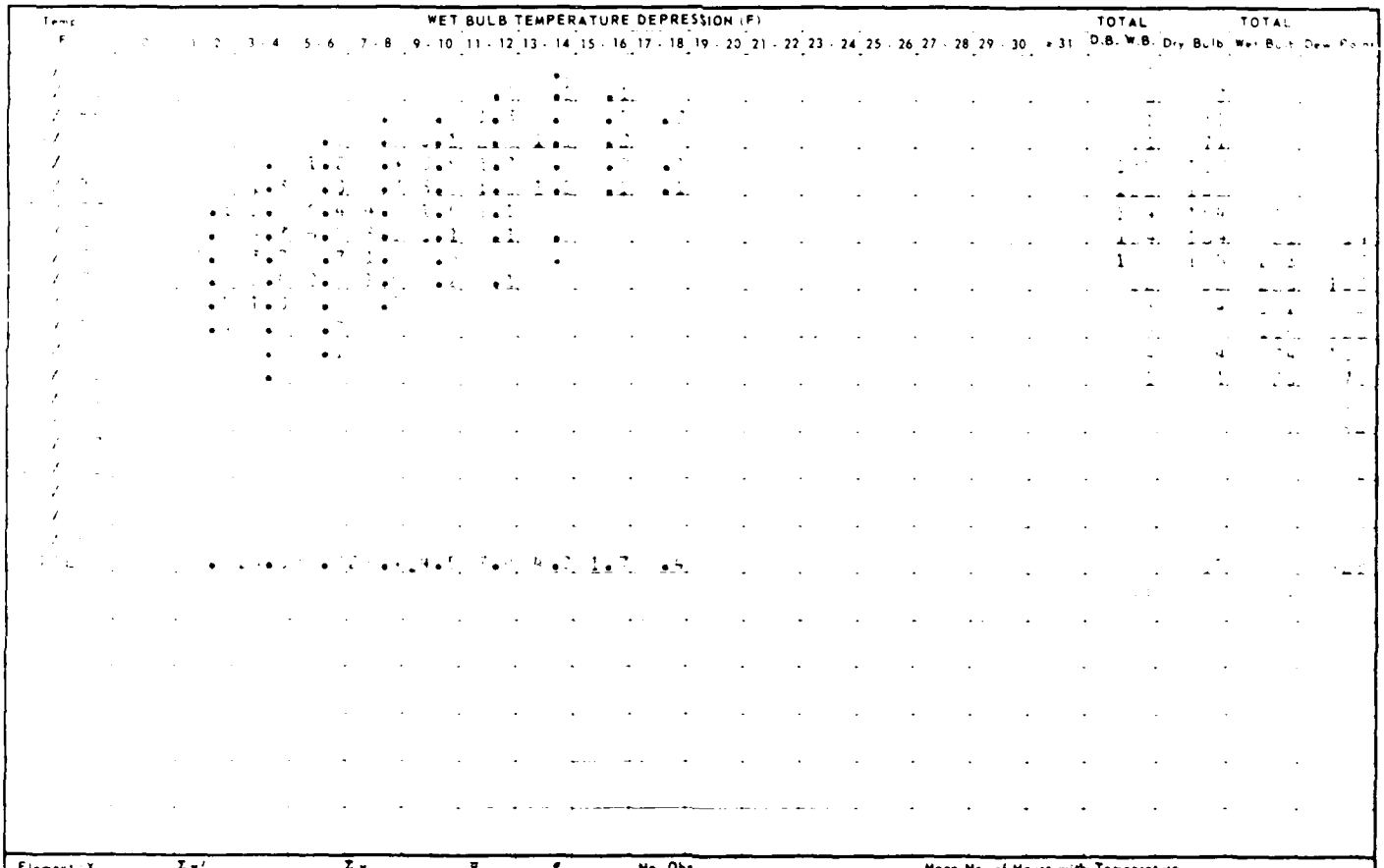
USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS



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

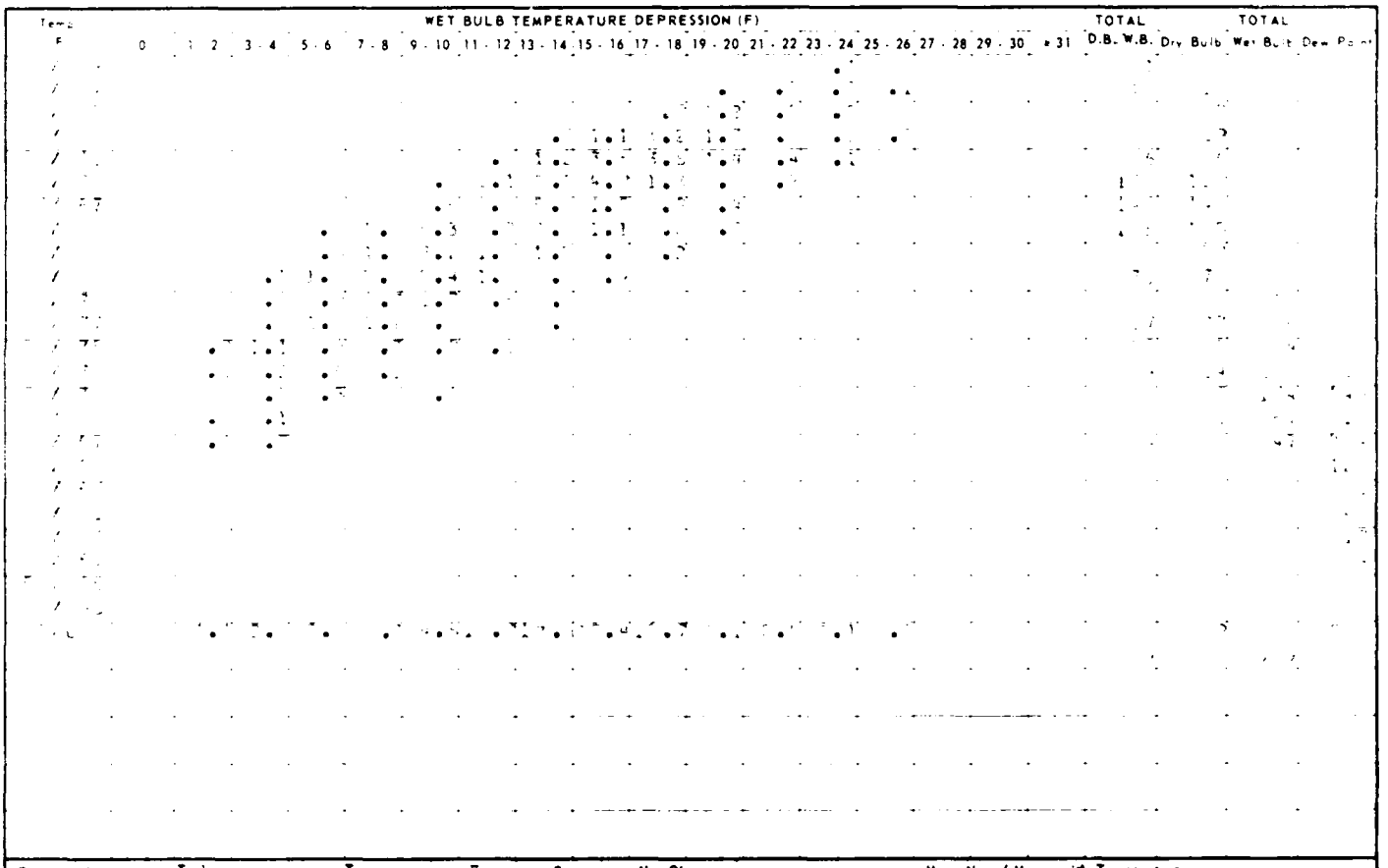
USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS



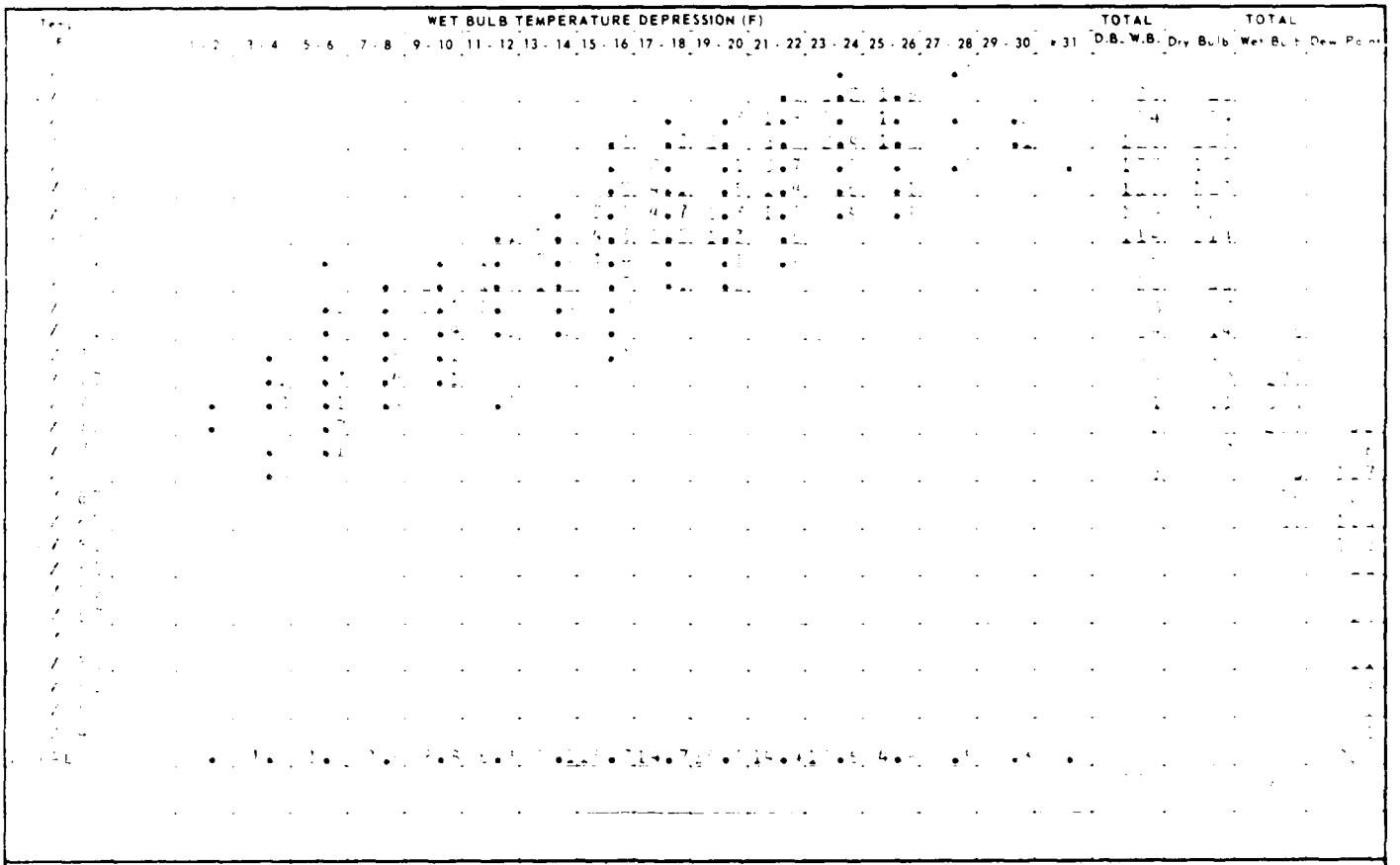
Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

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

2

PSYCHROMETRIC SUMMARY

STATION NAME YEARS MONTH HOURS



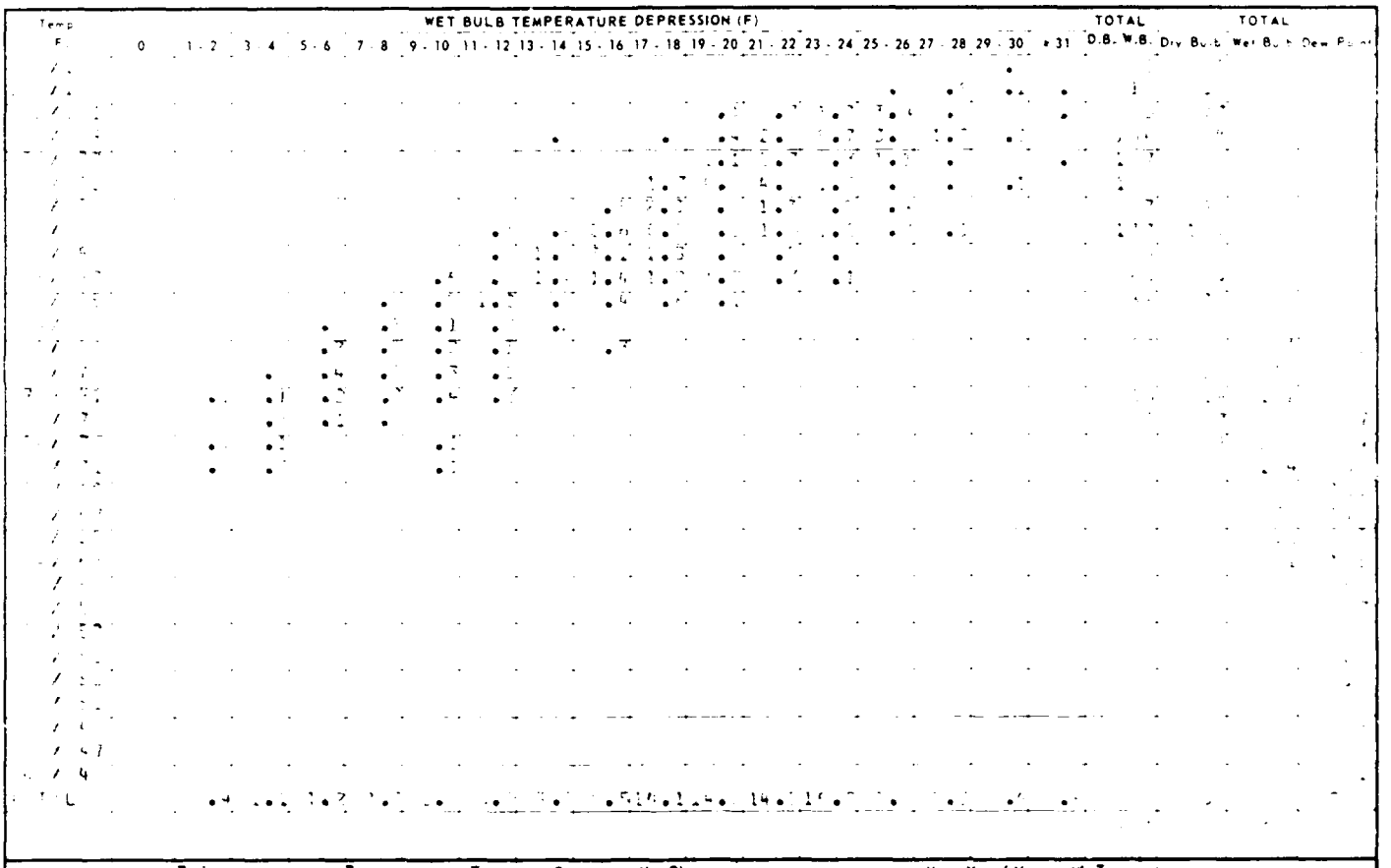
Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

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

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOUR



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 FORM 0 26 5 (OL A) PREVIOUS EDITION OF THIS FORM IS OBSOLETE JUL 64

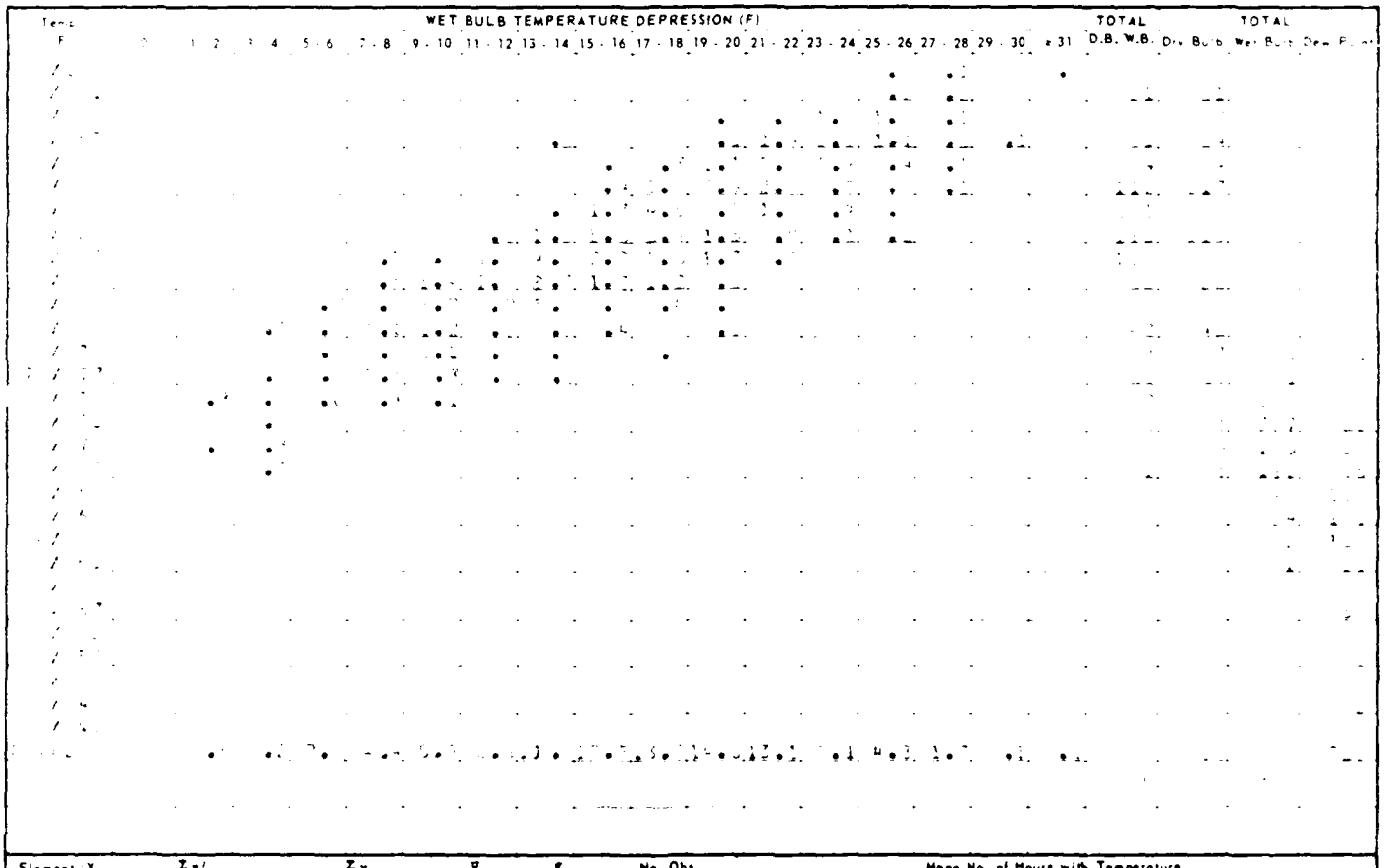
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PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

HOURS



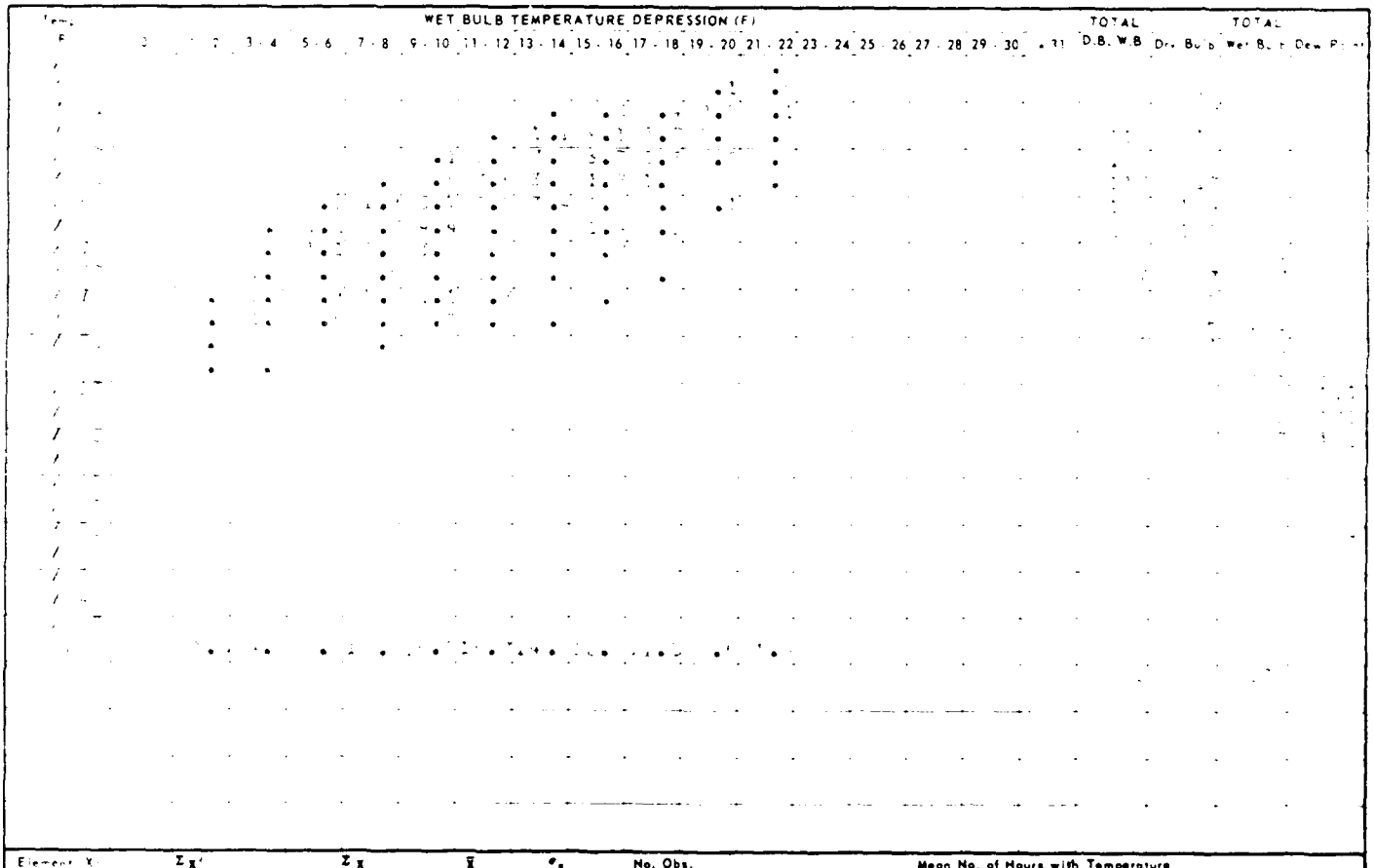
Element X	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Tota
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

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

2

PSYCHROMETRIC SUMMARY

STATION NAME YEARS MONTH



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) PREV EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

2

PSYCHROMETRIC SUMMARY

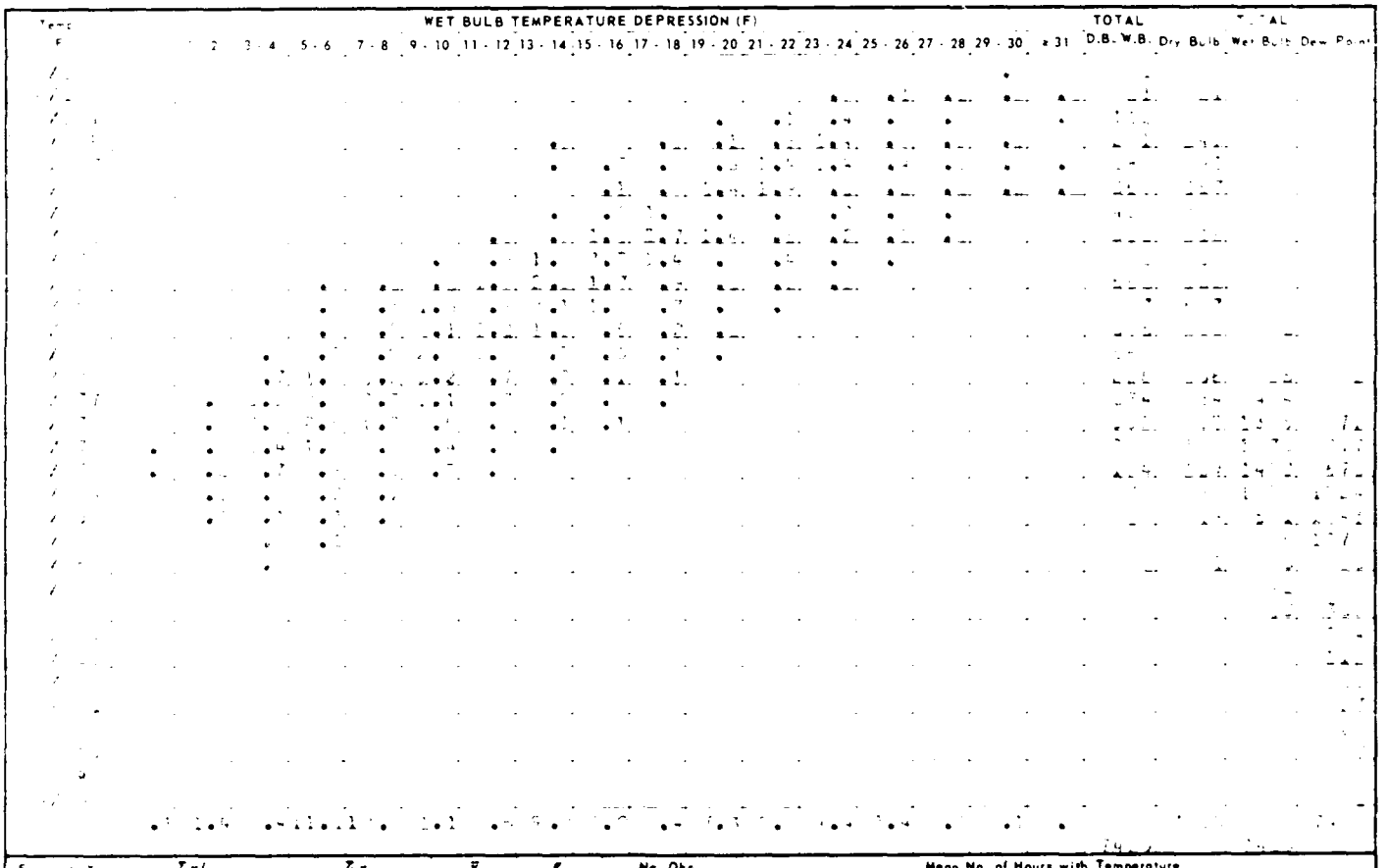
STATION

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
Re. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

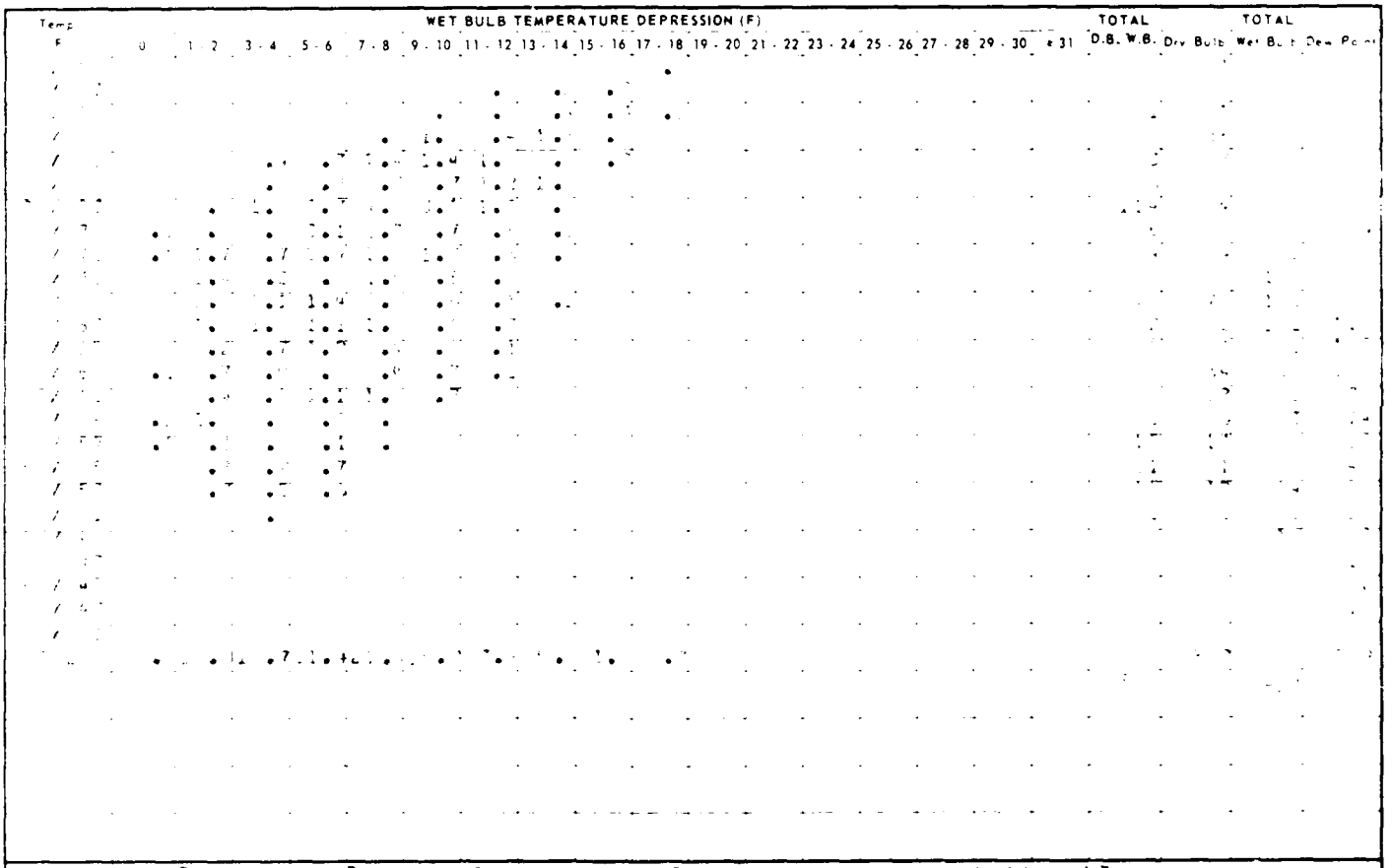
USAFETAC

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS



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												

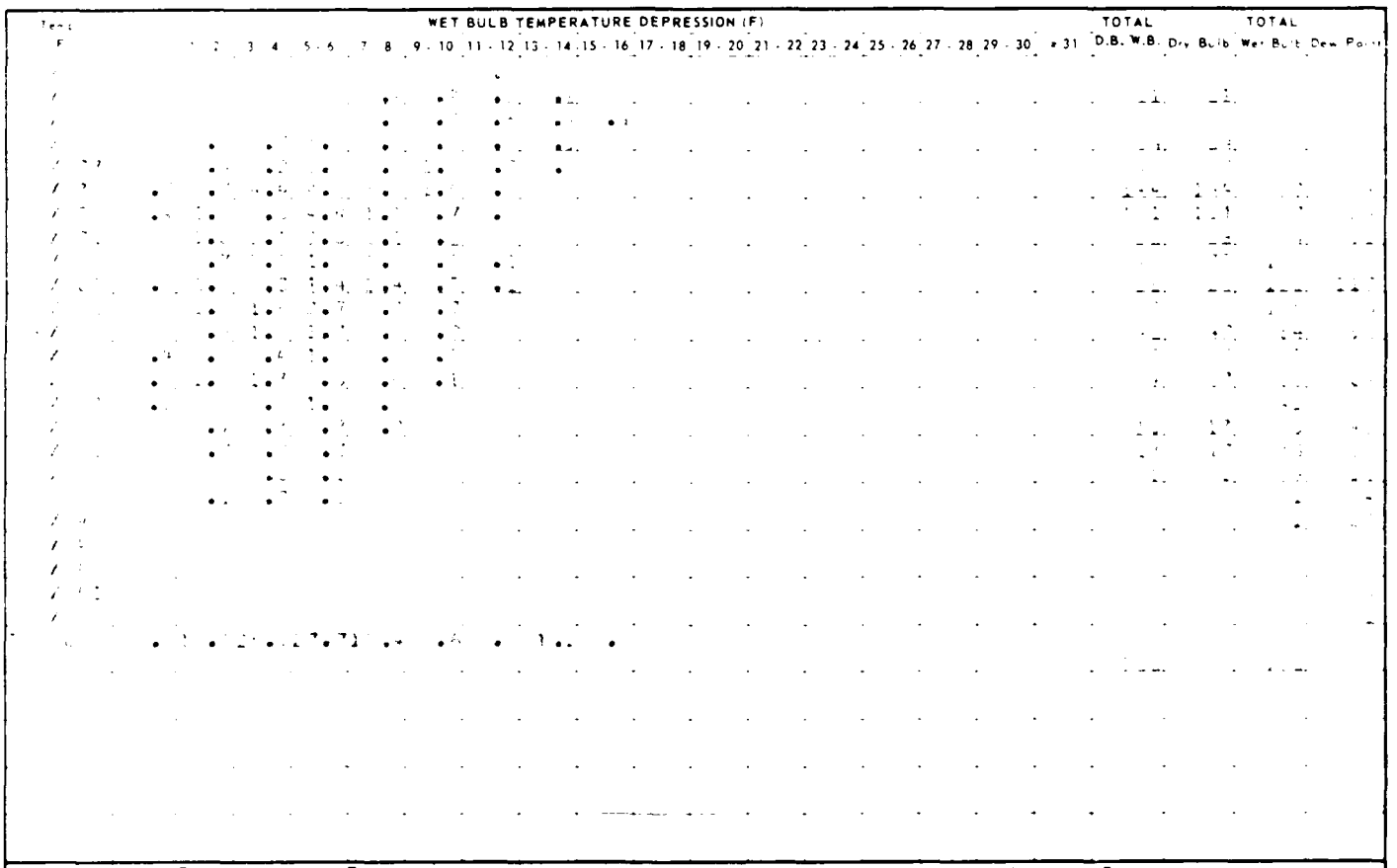
J AFETA FORM 0-265 (EG) AS

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PSYCHROMETRIC SUMMARY

STATION NAME YEARS MONTH

HOURS OBSERVED



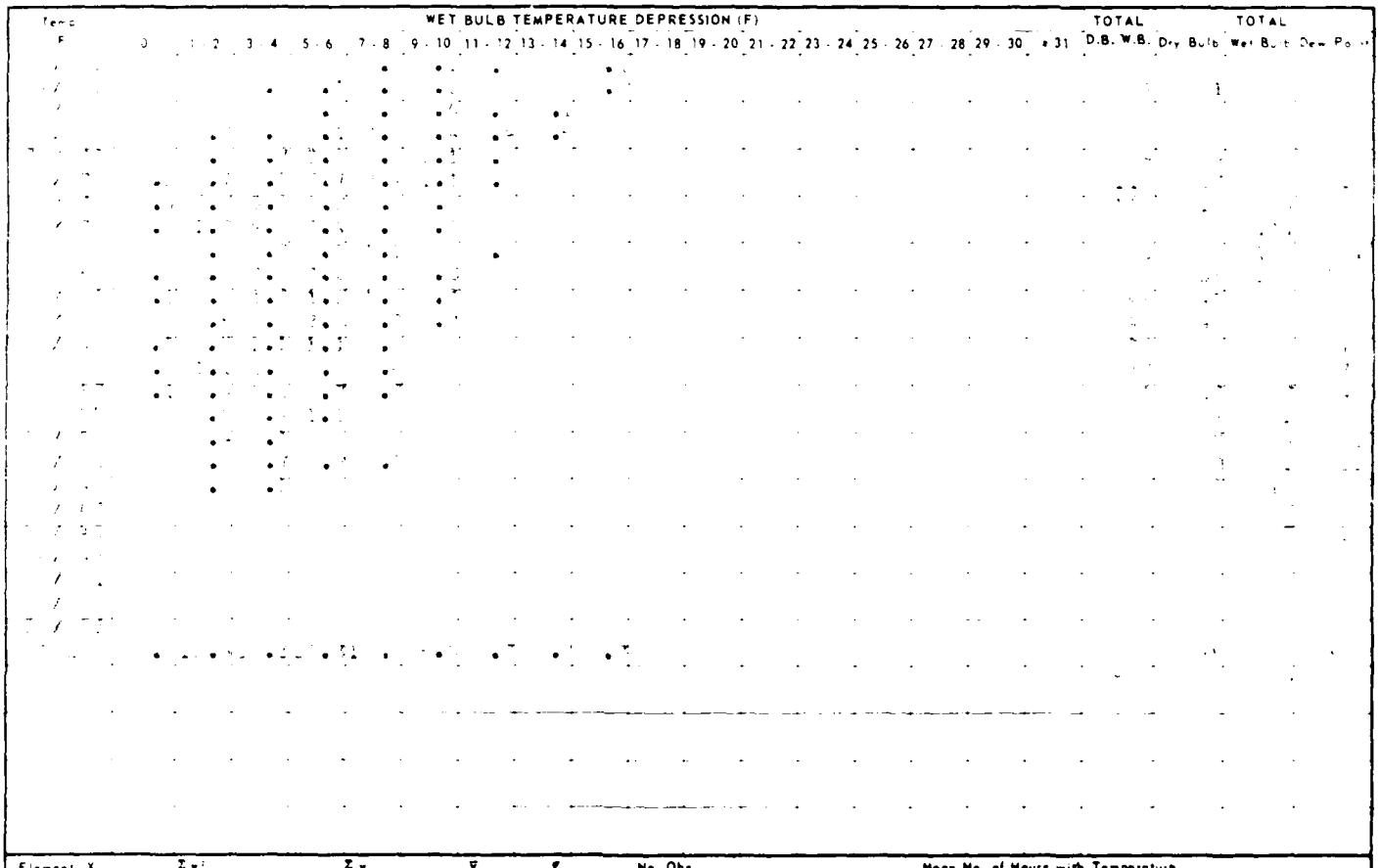
Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_A	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM NO. 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH



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
Relative Humidity												
Dry Bulb												
Wet Bulb												
Dew Point												

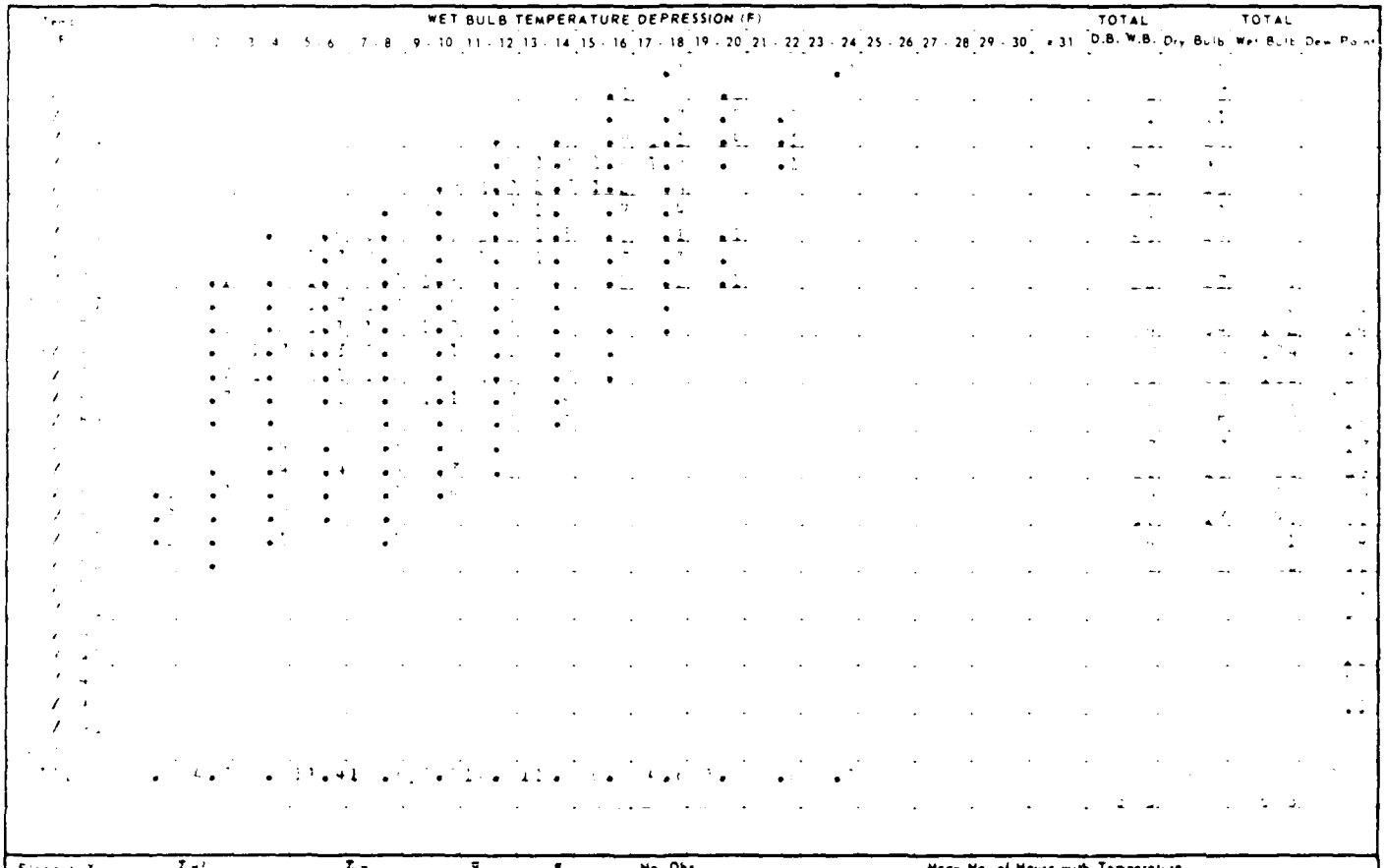
USAFETAC FORM 0-26-5 (OL A)

2

PSYCHROMETRIC SUMMARY

STATION NAME YEARS MONTH

HOURS



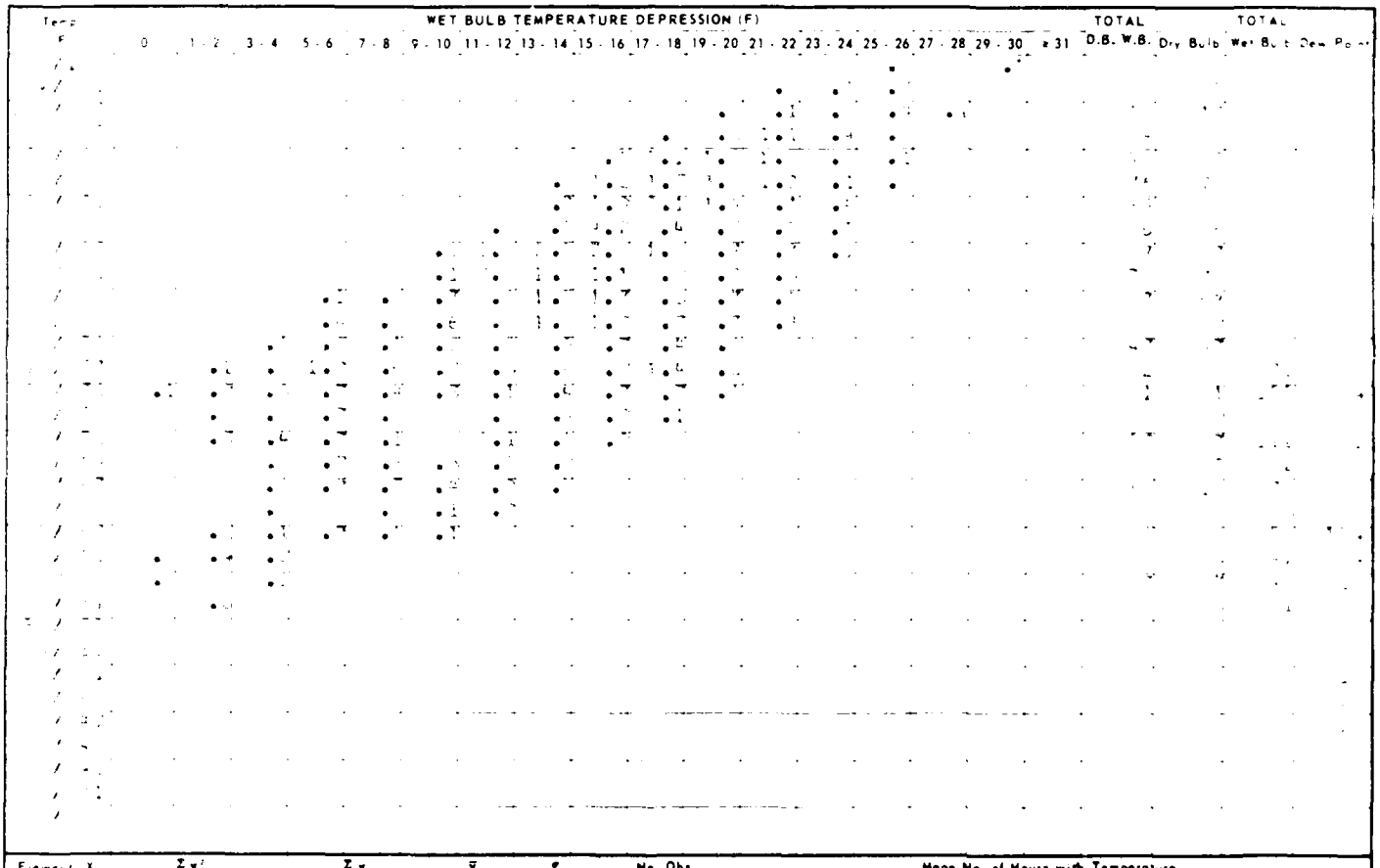
Element X	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH



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
Dry Bulb												
Wet Bulb												
Dew Point												

AFETAC FORM 0-265 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

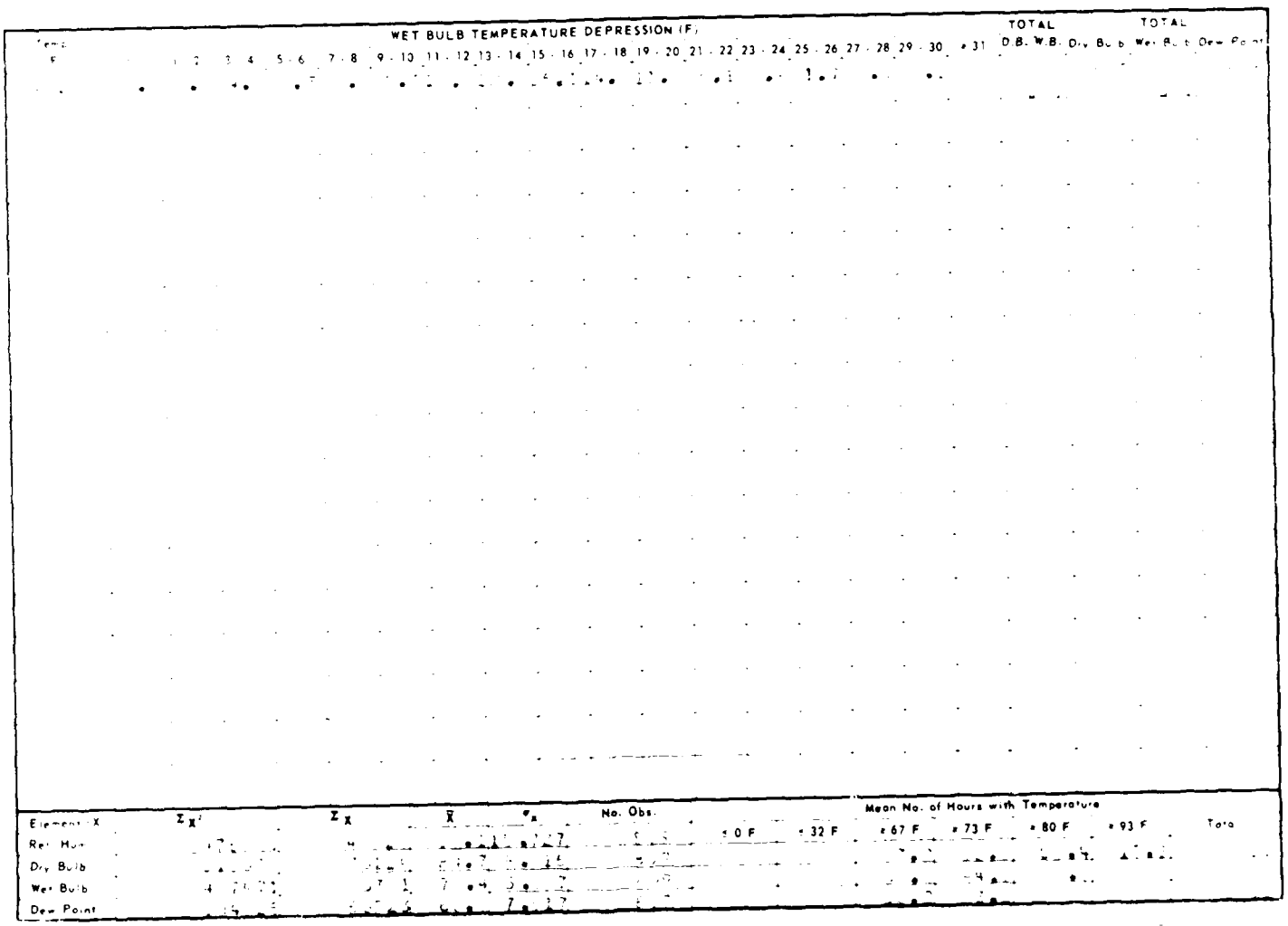
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PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH



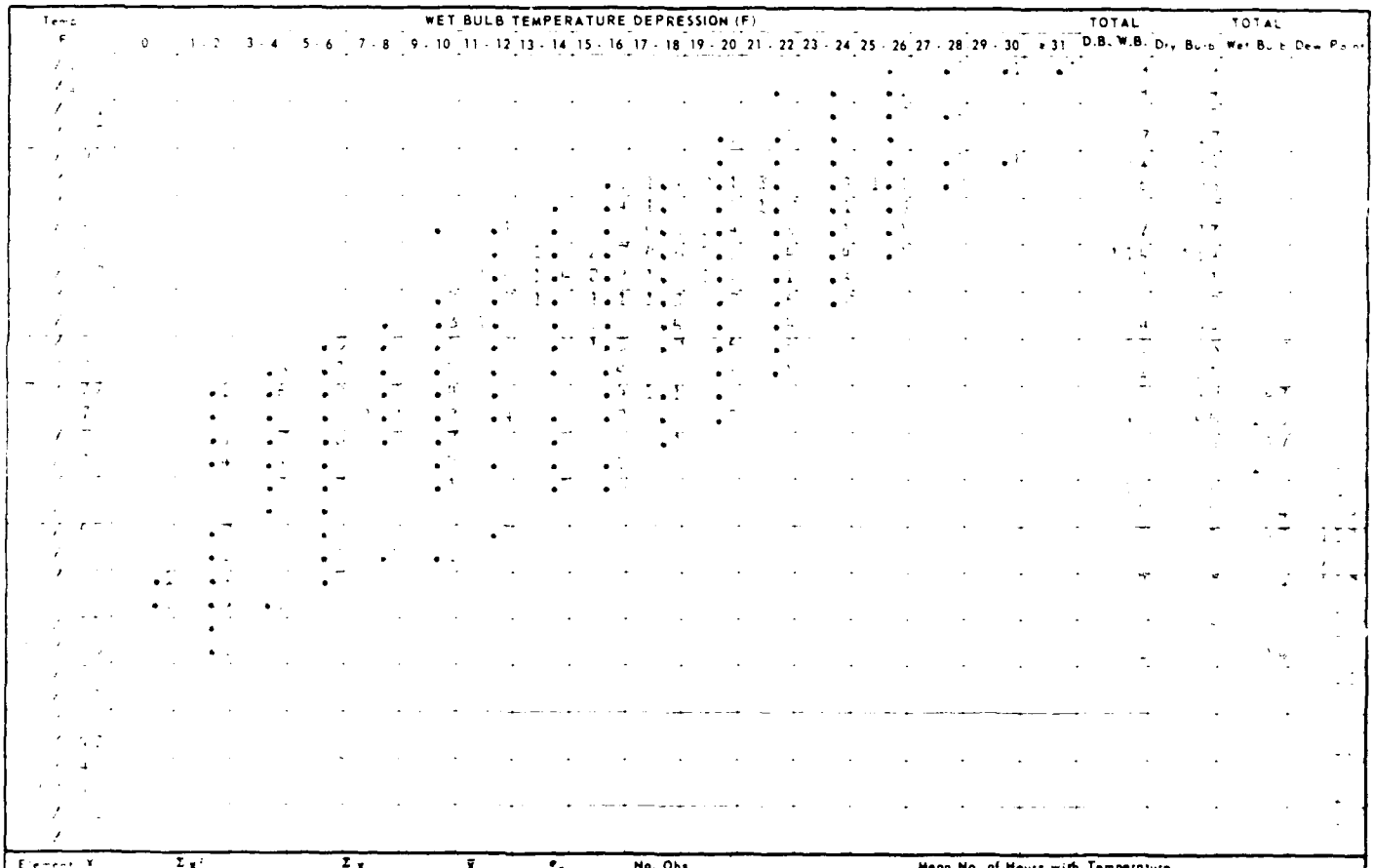
Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC Form 0 26 5 (C. A. ... Jul 64

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH



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
Relative Humidity												
Dry Bulb												
Wet Bulb												
Dew Point												

AFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

2

PSYCHROMETRIC SUMMARY

STATION NAME YEARS MONTH

HOURS

°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				

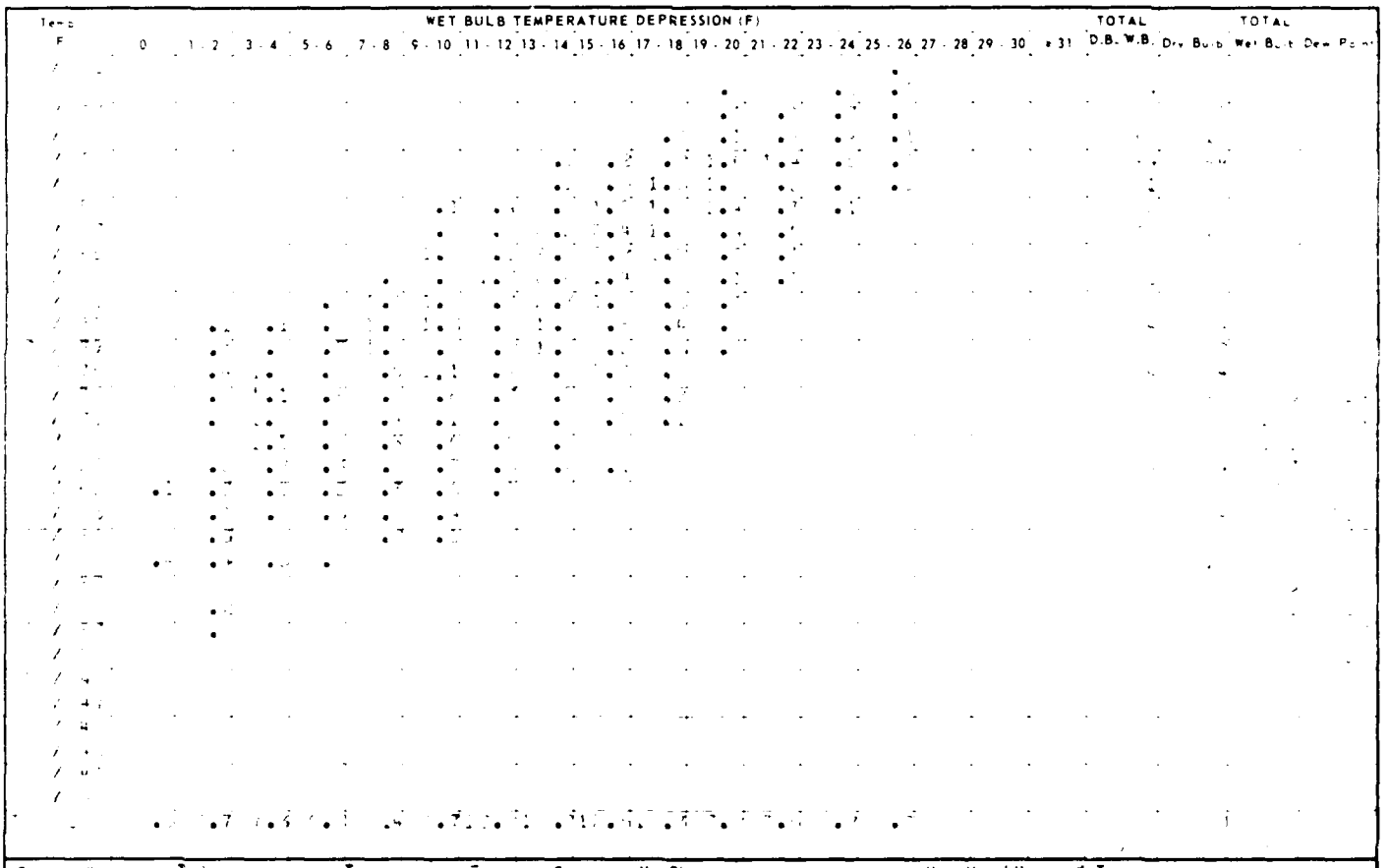
Element X	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH



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												

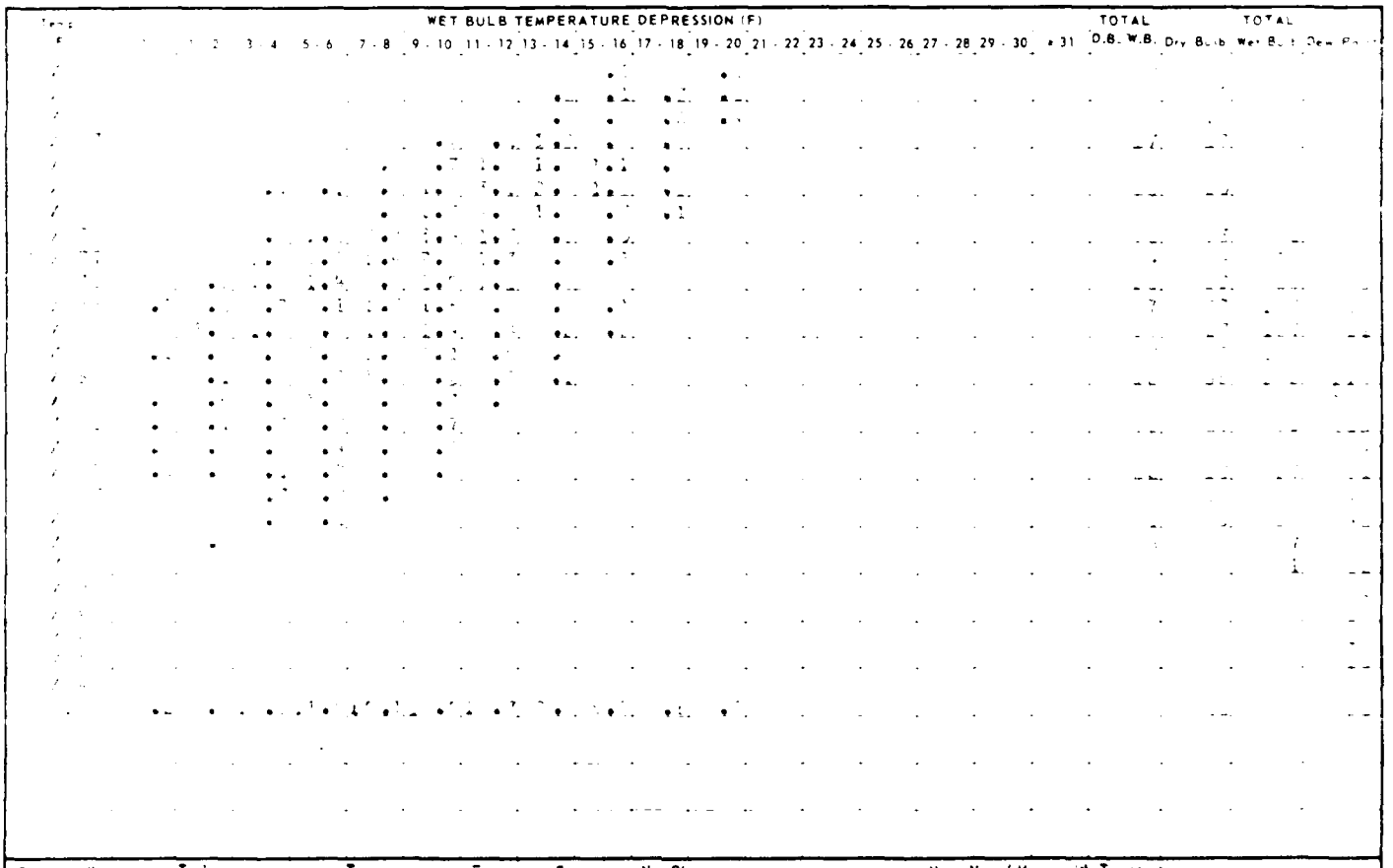
USAFETAC FORM 0-26-5 (01-A)

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS (L.S.T.)



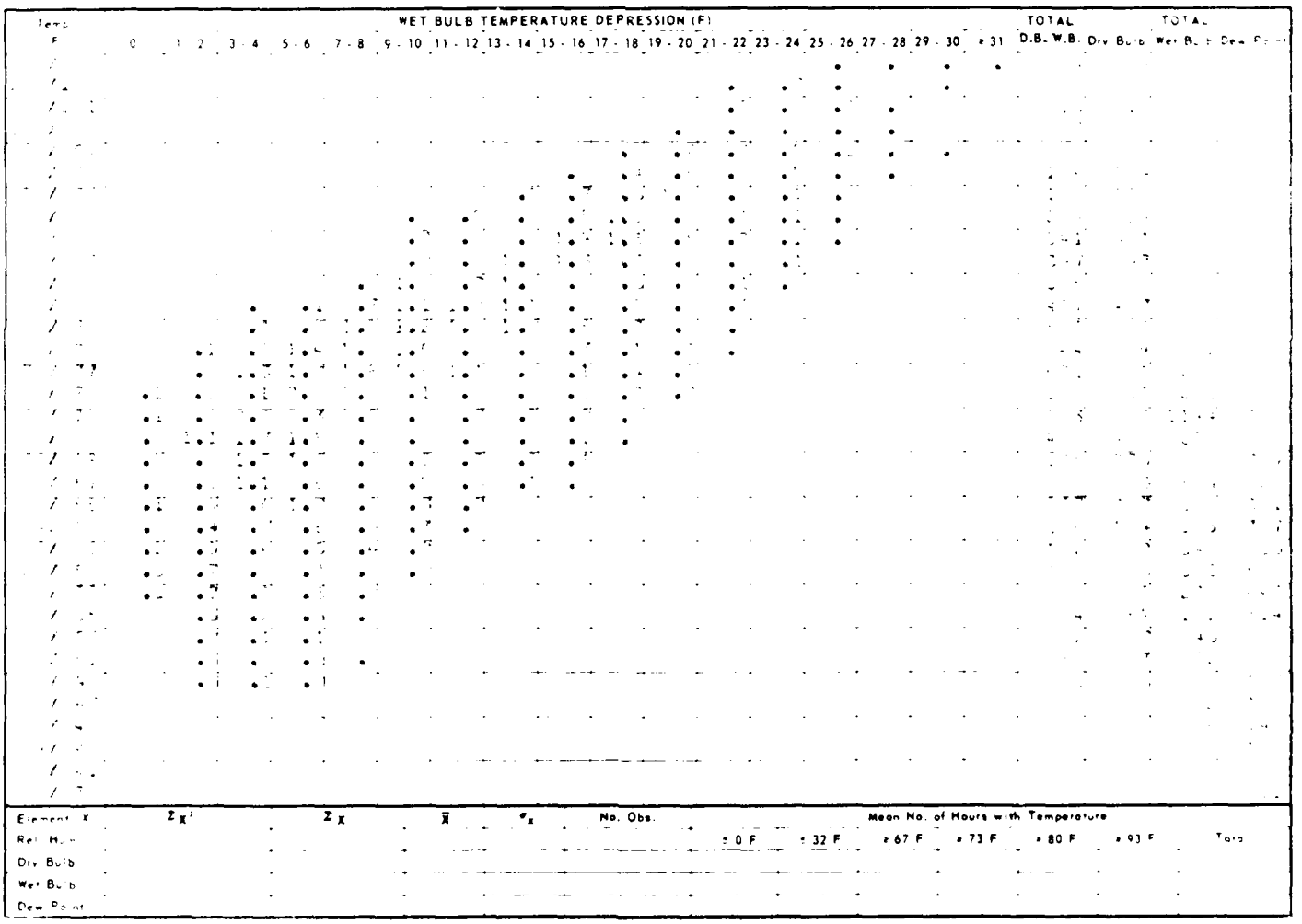
Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH



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

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 ≥ 31	TOTAL D.B. W.B	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 NO. 0 26 5 (OL-A)

2

PSYCHROMETRIC SUMMARY

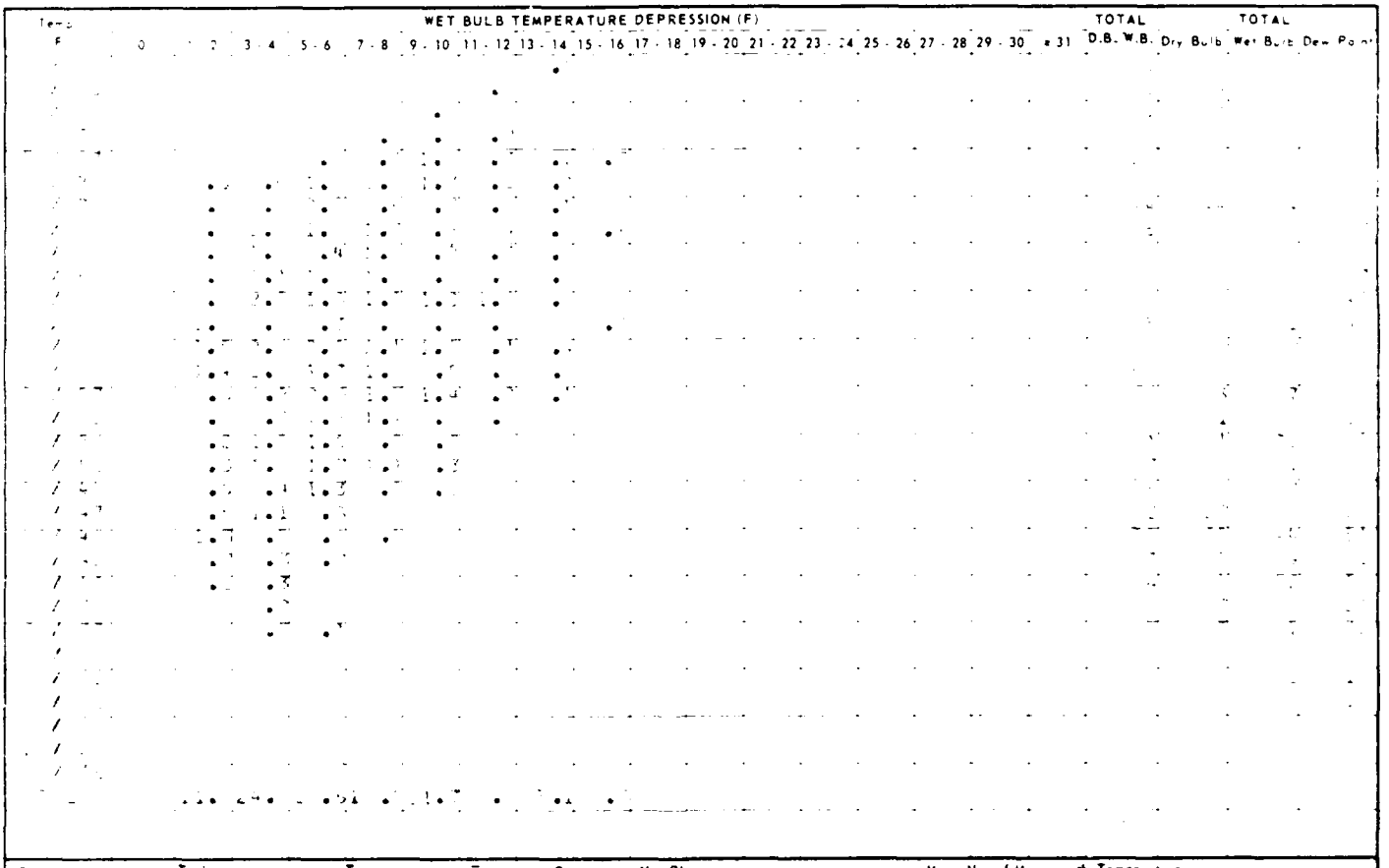
STATION

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
Wet Bulb												
Dew Point												

2

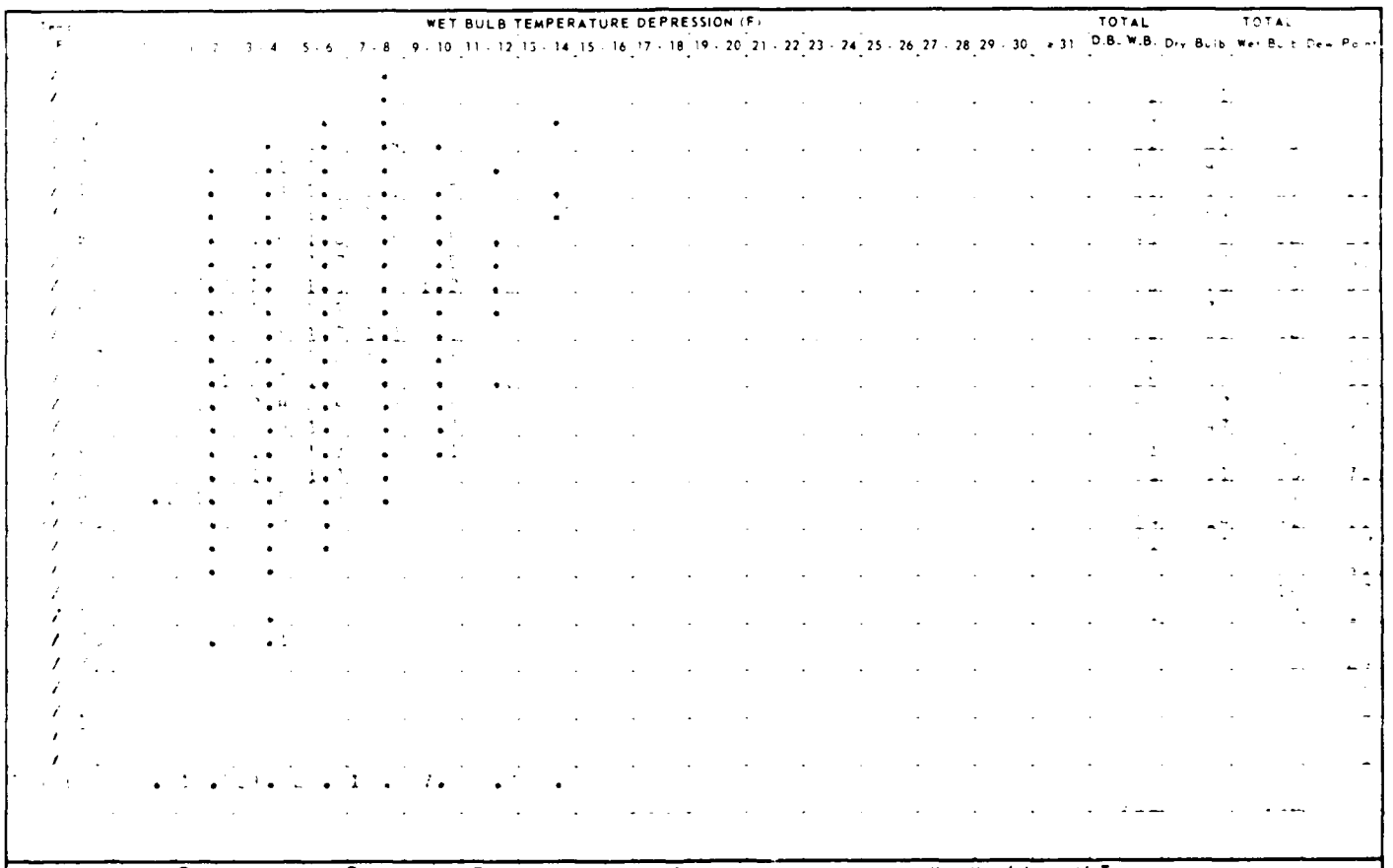
PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

HOURS



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												

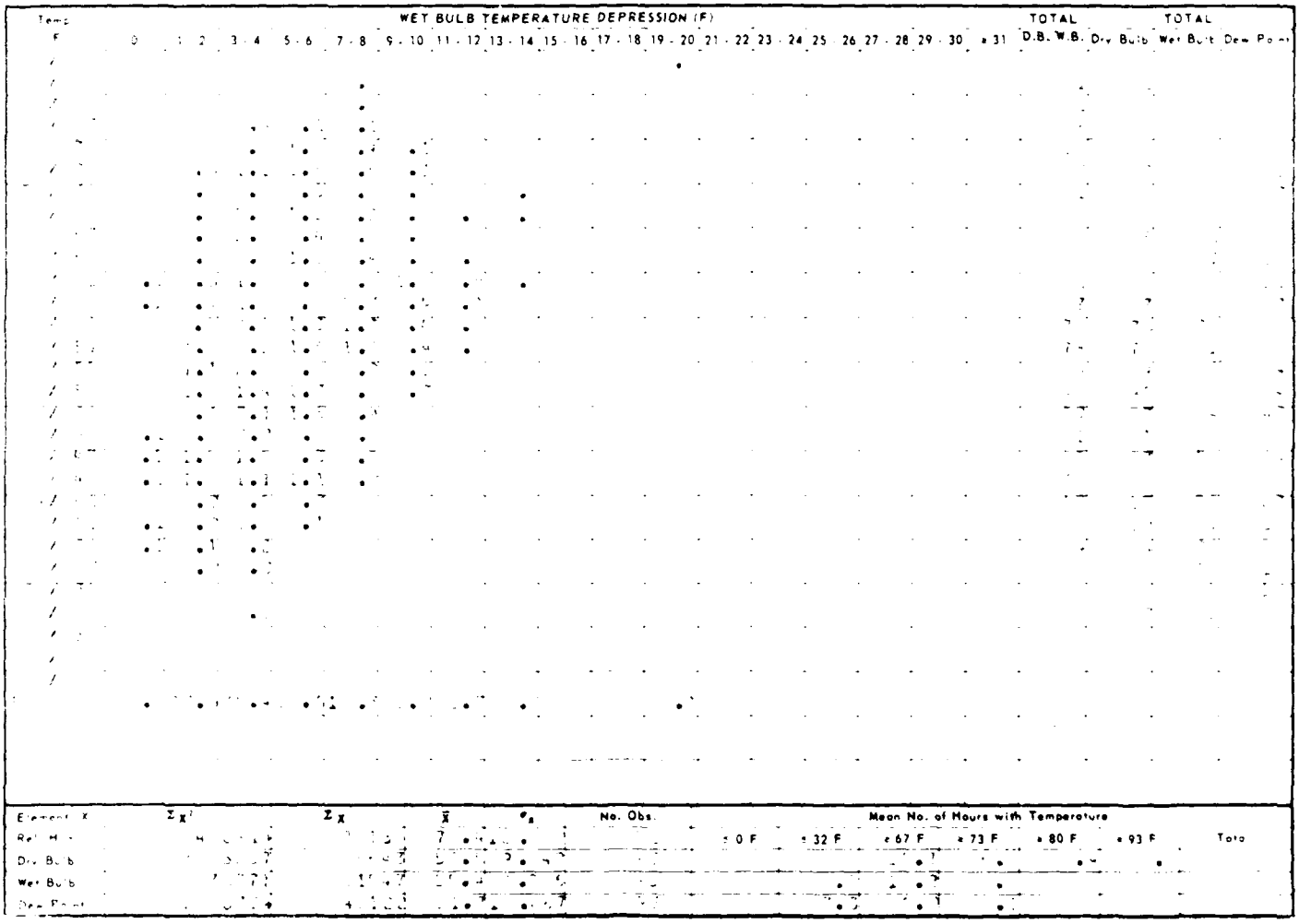
USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS



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												

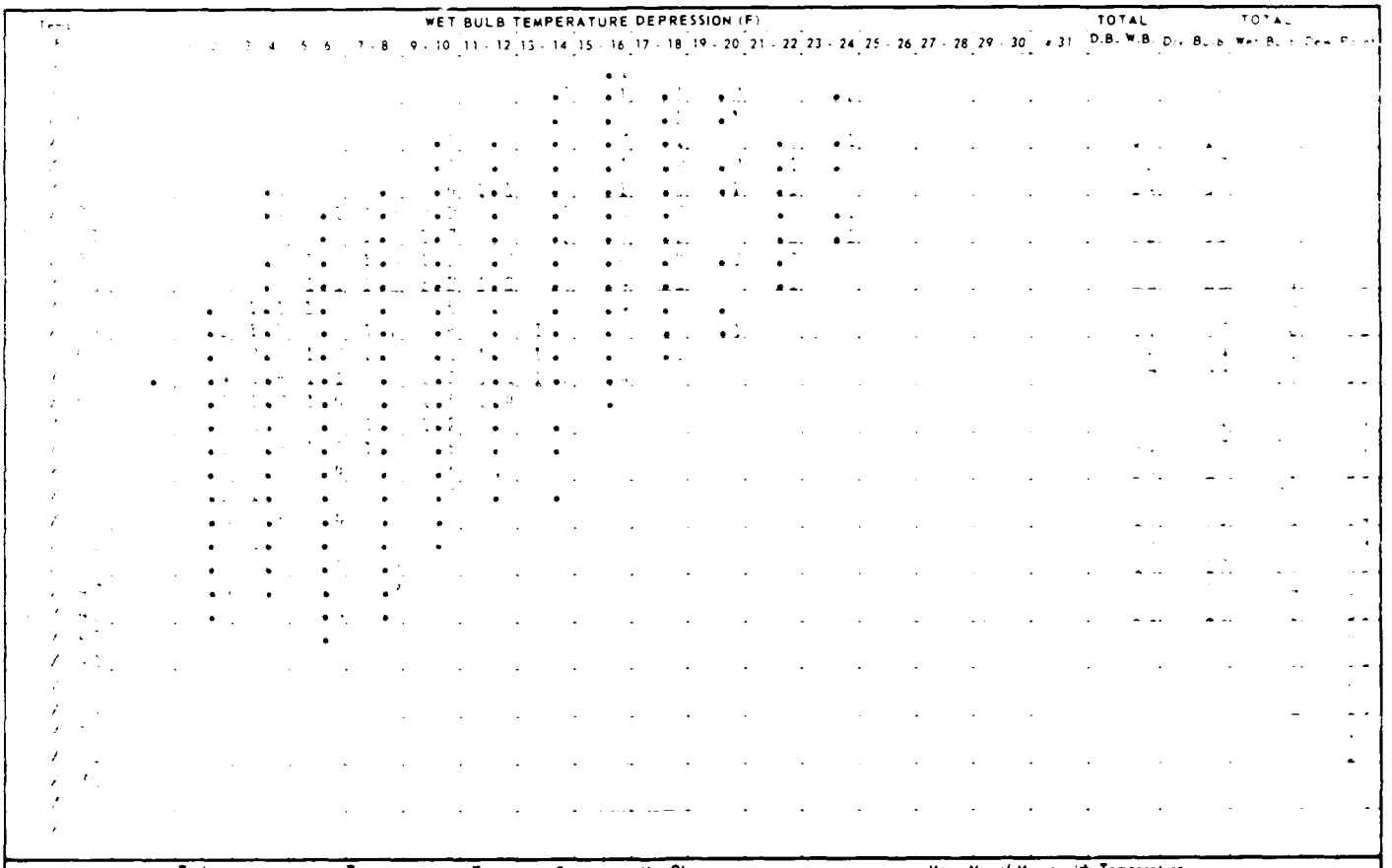
J.AFETAC Form 0-265 (OCA)

2

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS



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

USAFETAC FORM 0-26-5

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

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.	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

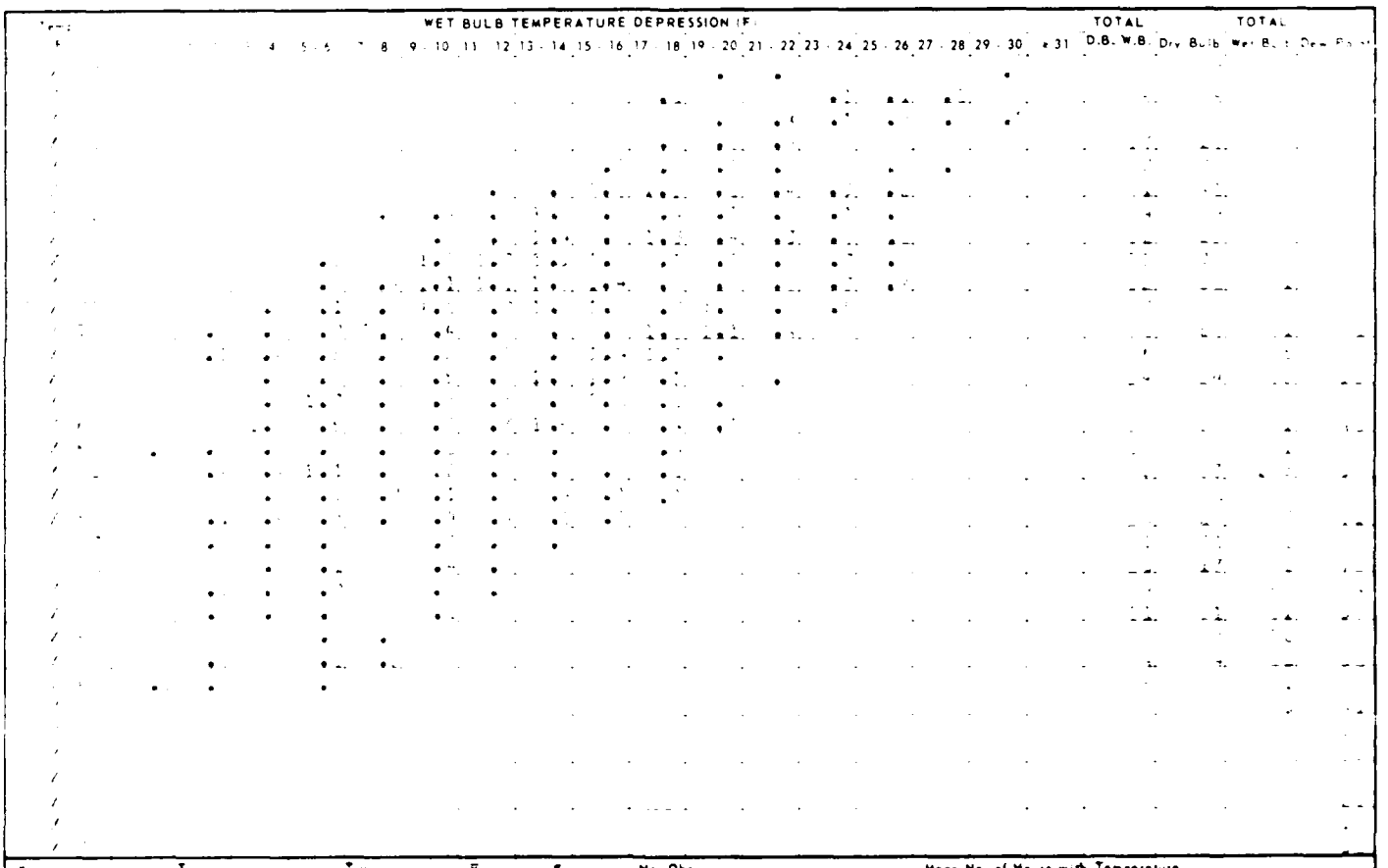
2

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

HOURS



	Σ_X	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

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

Element X	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 Form 0-26-5 (OL-A) Prev. edition will be used until exhausted. AUG 64

2

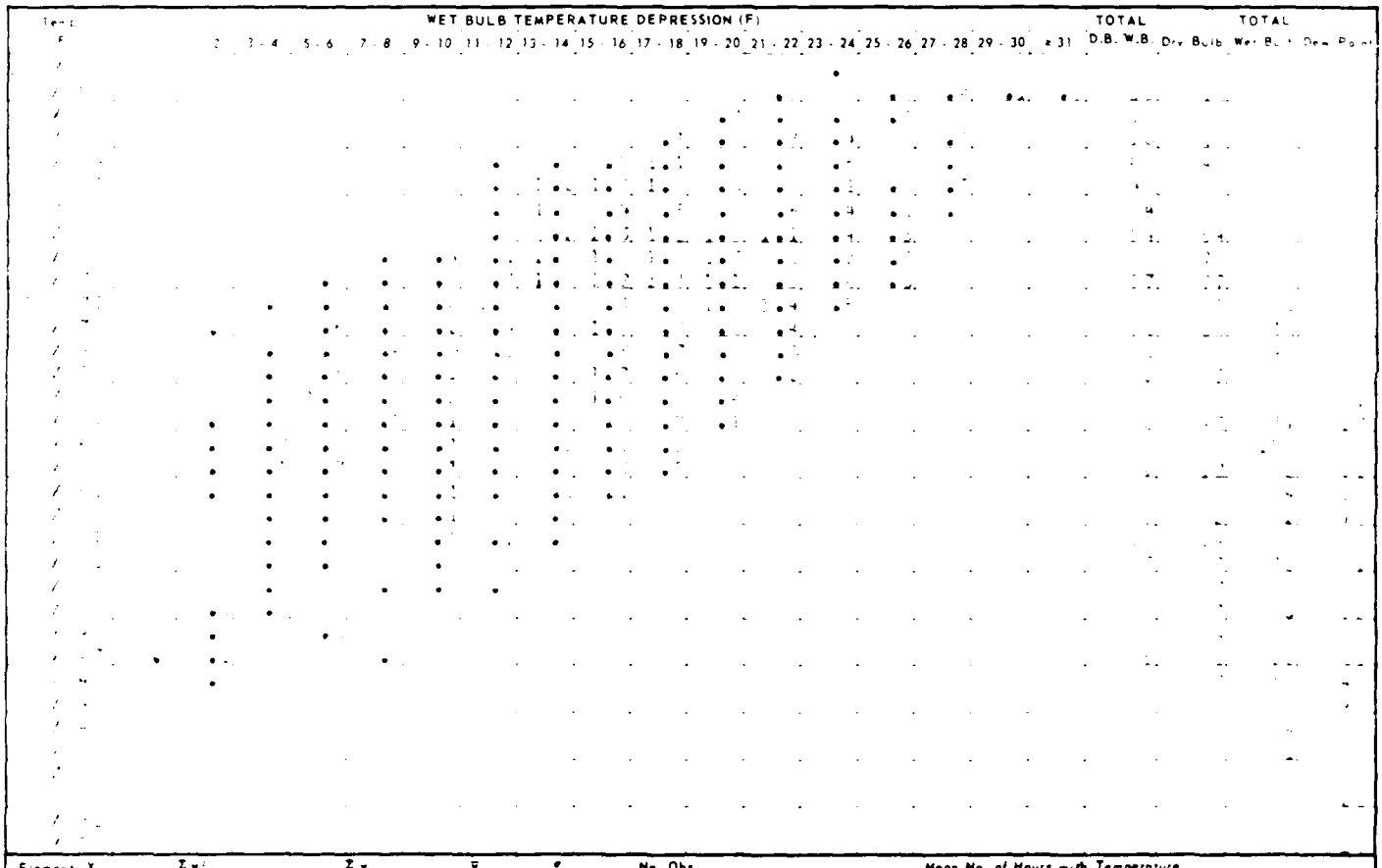
PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

HOURS



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 Form 0-26-5

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS

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

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

AFETAC Form 0-26 (OL-A) Prev Edition Obsolete

2

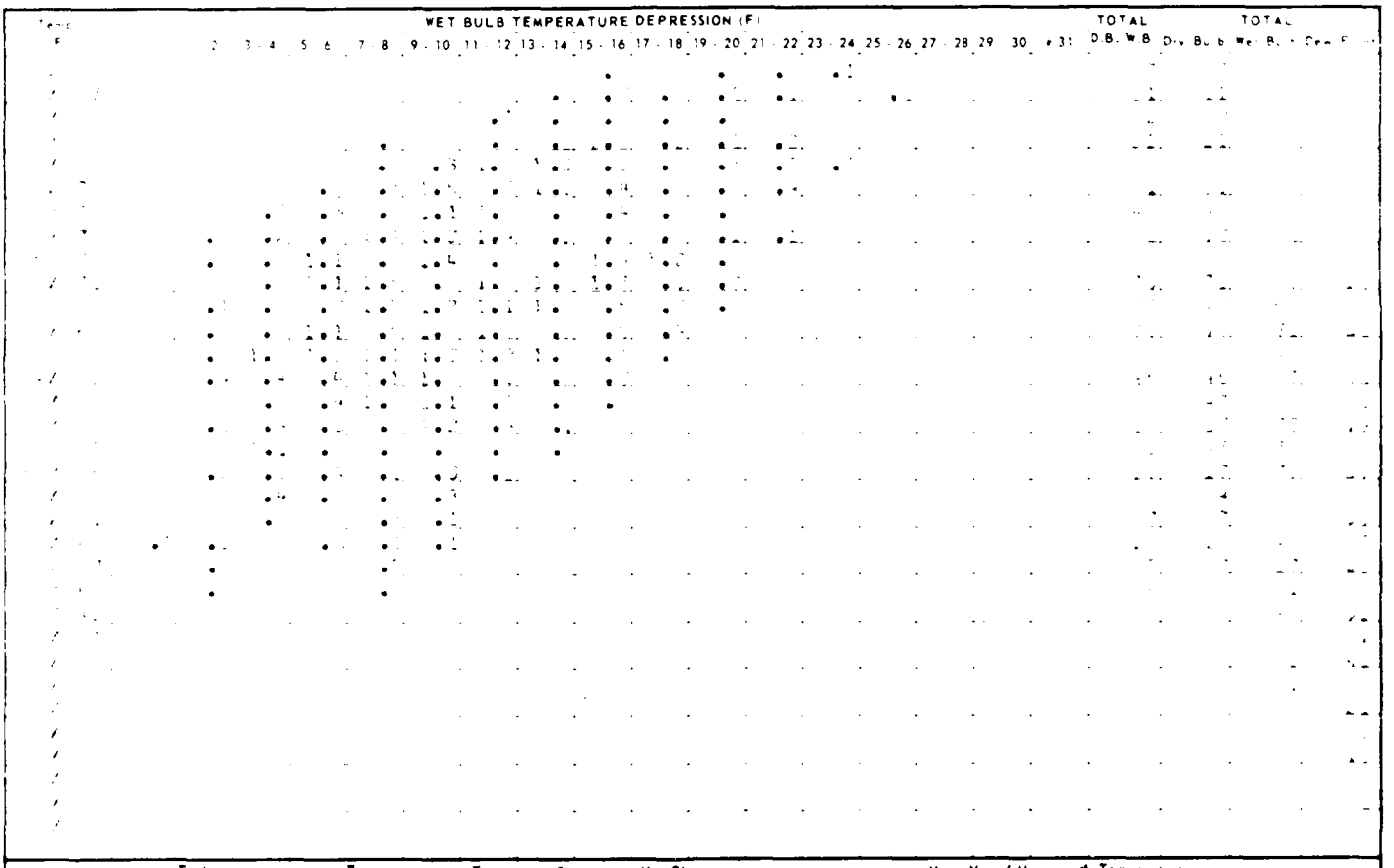
PSYCHROMETRIC SUMMARY

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
Relative Humidity												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-8 (OL-A)

2

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

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.	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

2

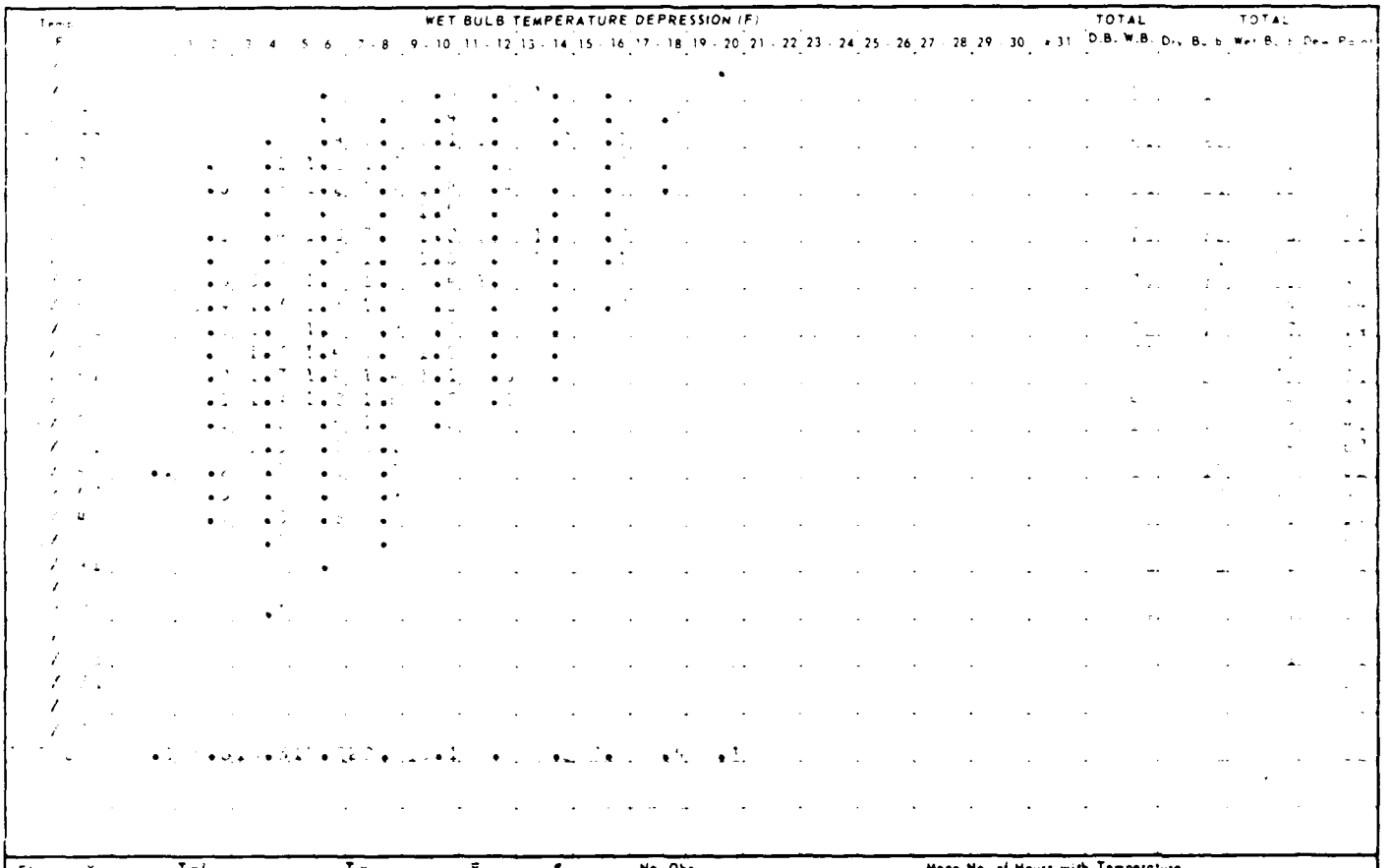
PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

HOURS



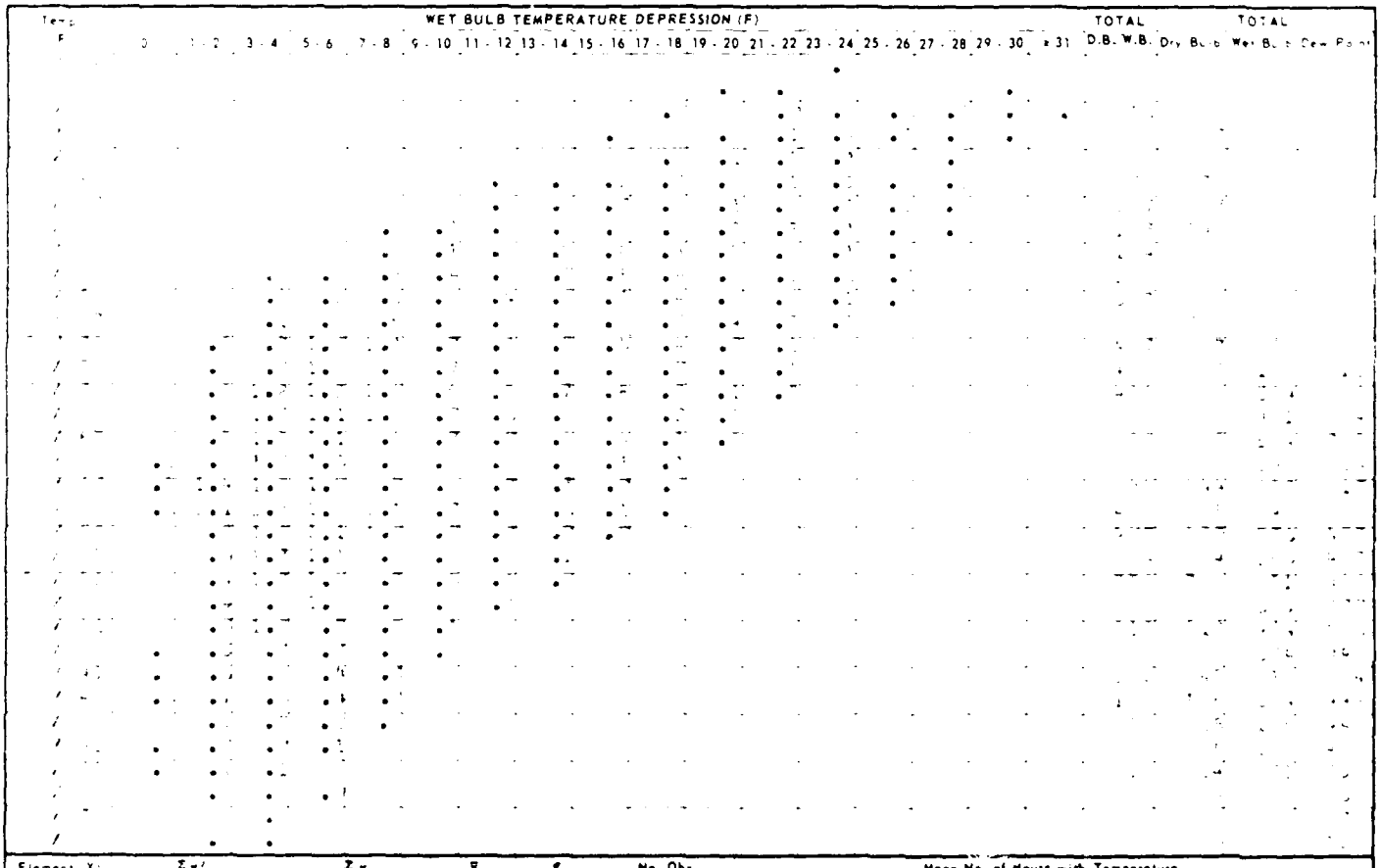
Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

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

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH



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

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS

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

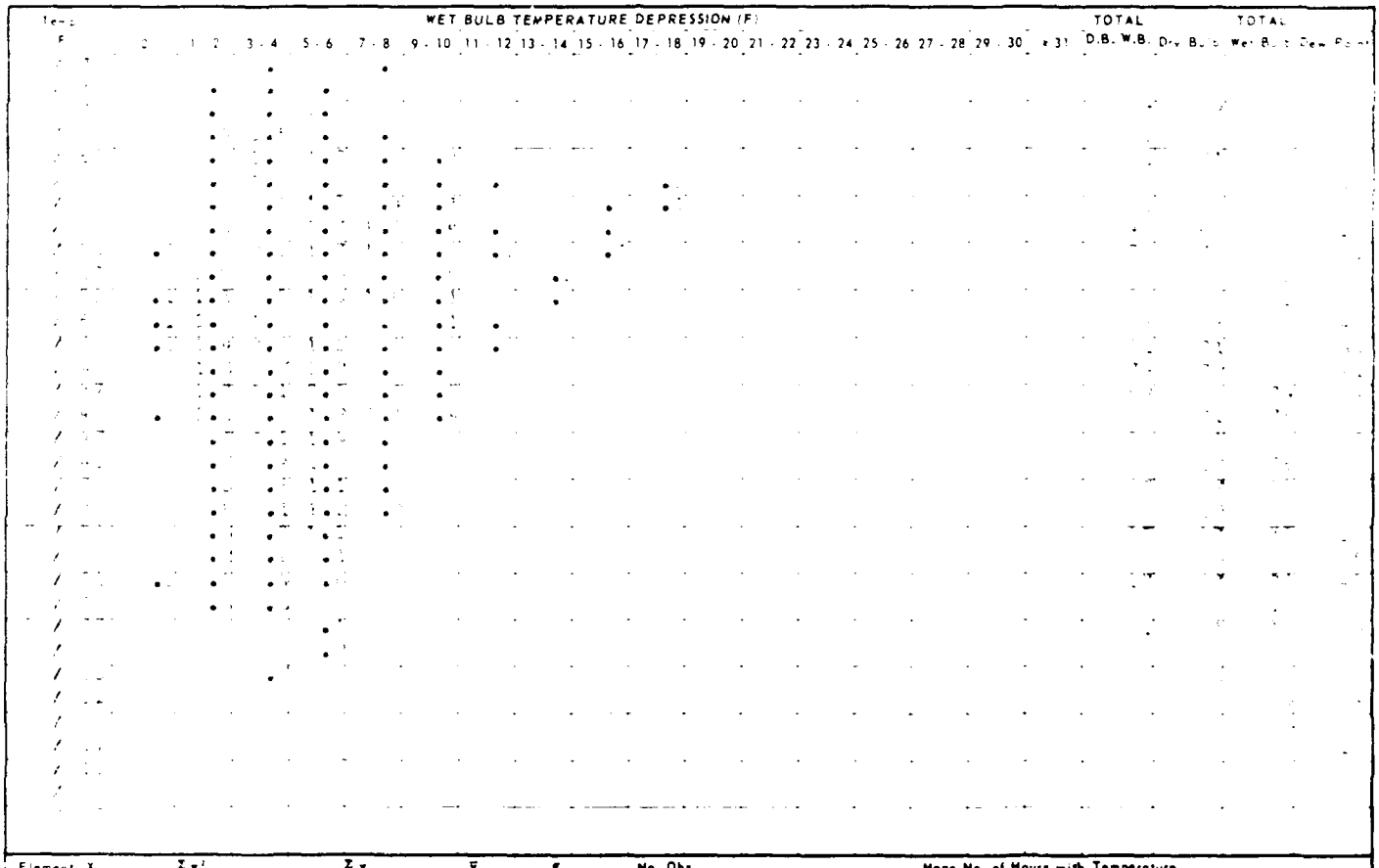
Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH



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
Relative Humidity												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) Jul 64

2

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

HOURS

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

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

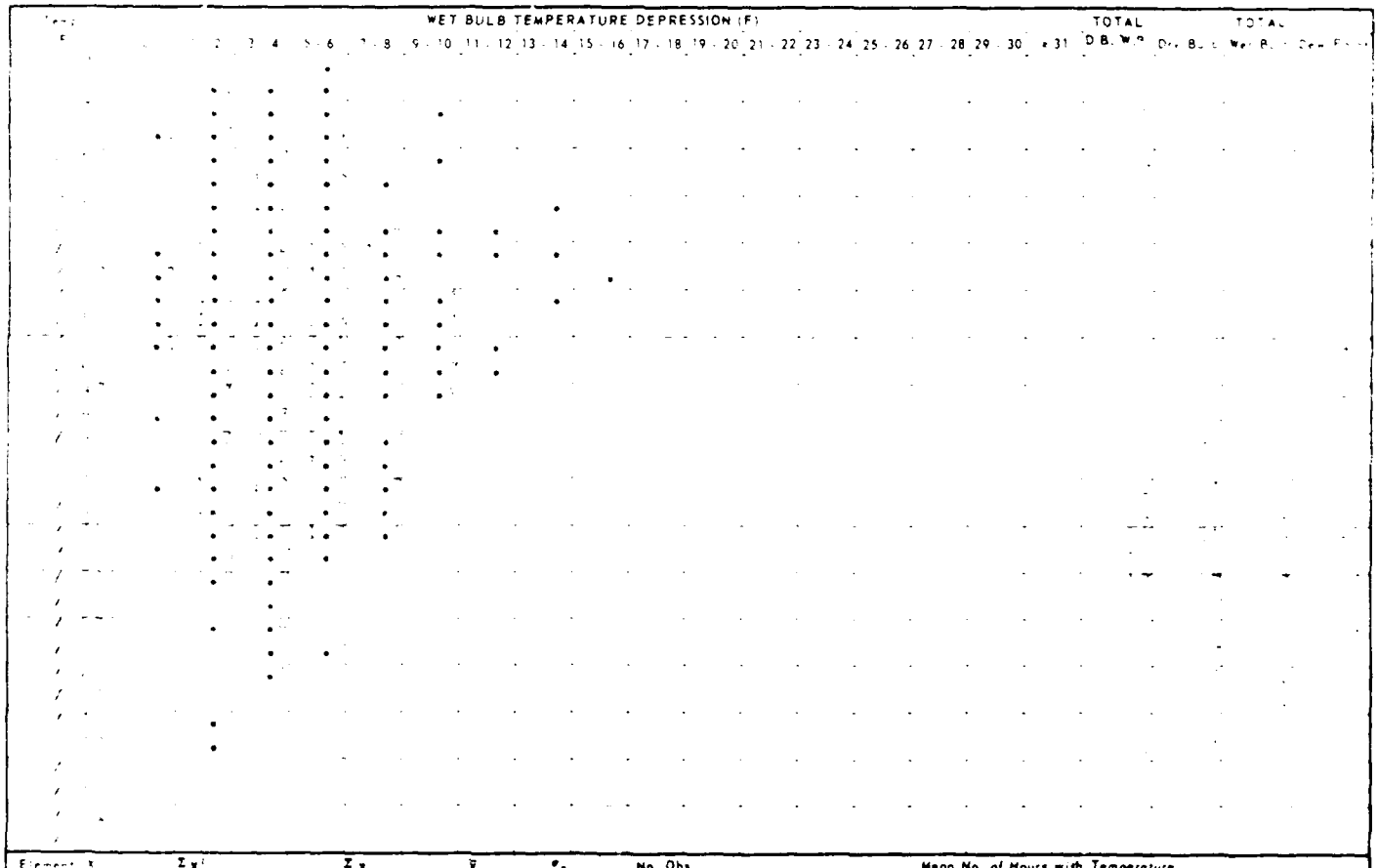
USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. JUL 64

2

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS



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												

2

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

HOURS

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

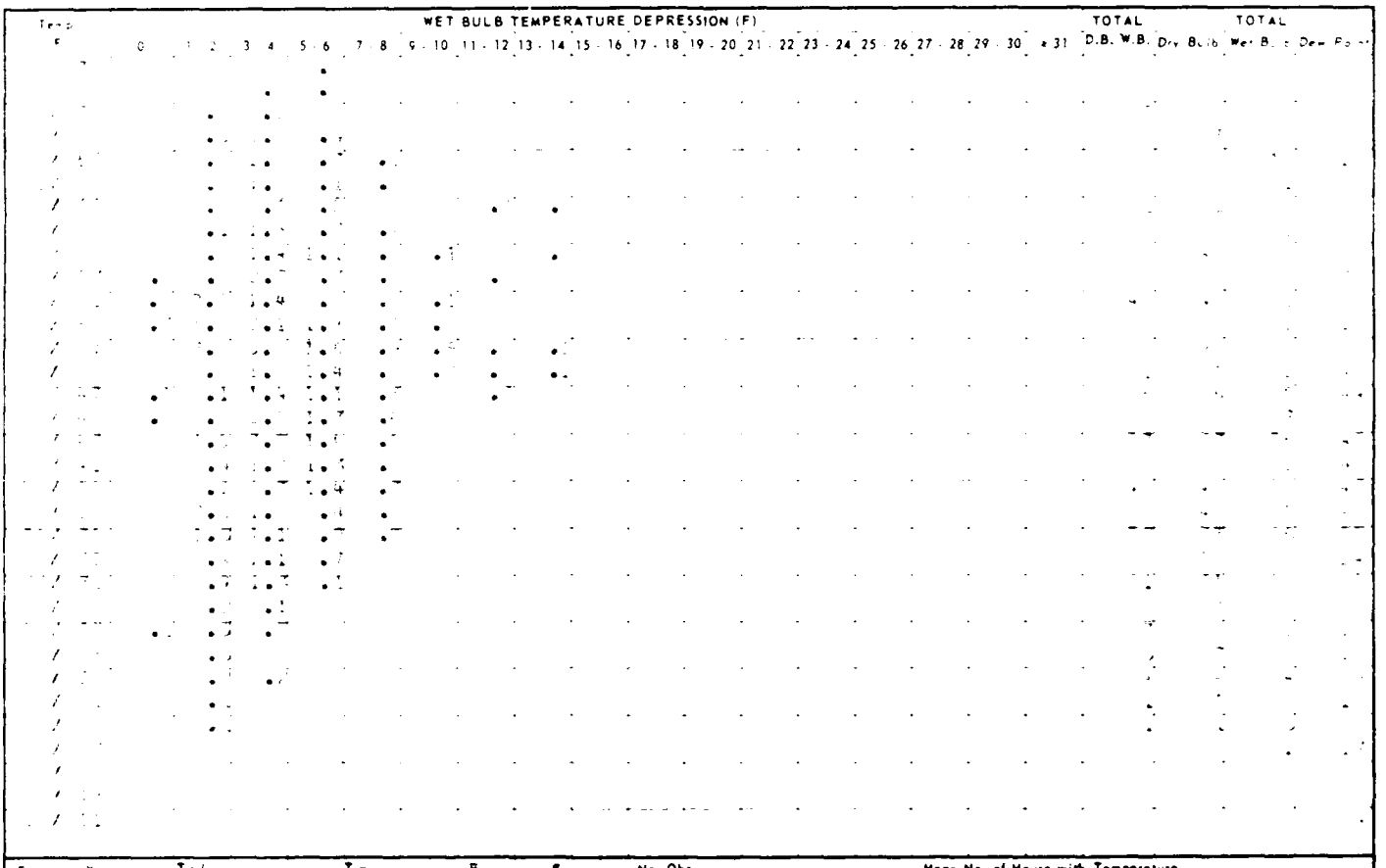
Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH



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

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

2

PSYCHROMETRIC SUMMARY

STATION NAME YEARS MONTH

HOURS

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

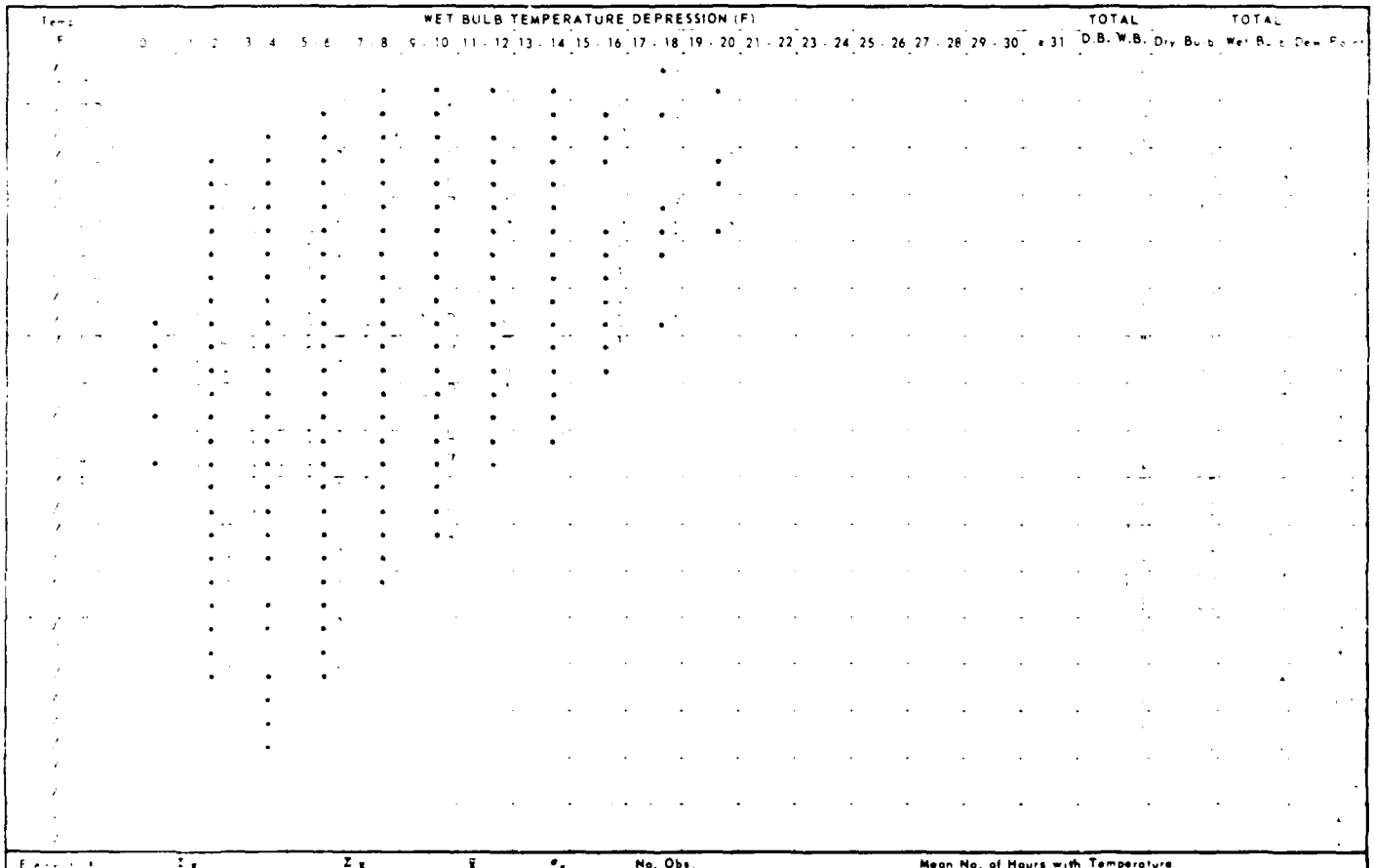
Element X	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

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

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH



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

USAFETAC [illegible]

2

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

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 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 (L, A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

2

PSYCHROMETRIC SUMMARY

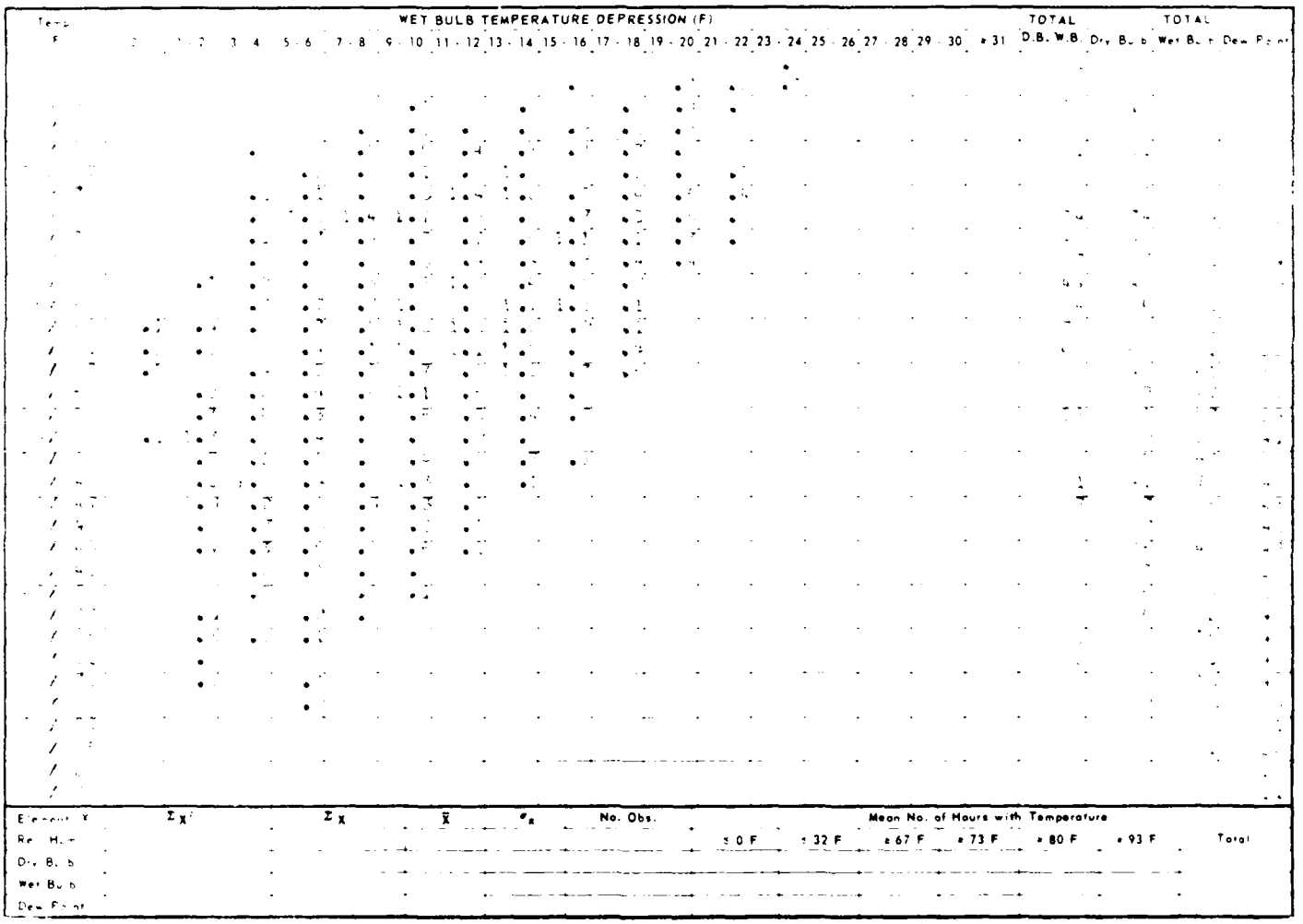
STATION

STATION NAME

YEARS

MONTH

HOURS



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
Relative Humidity												
Dry Bulb												
Wet Bulb												
Dew Point												

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

2

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

HOURS

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

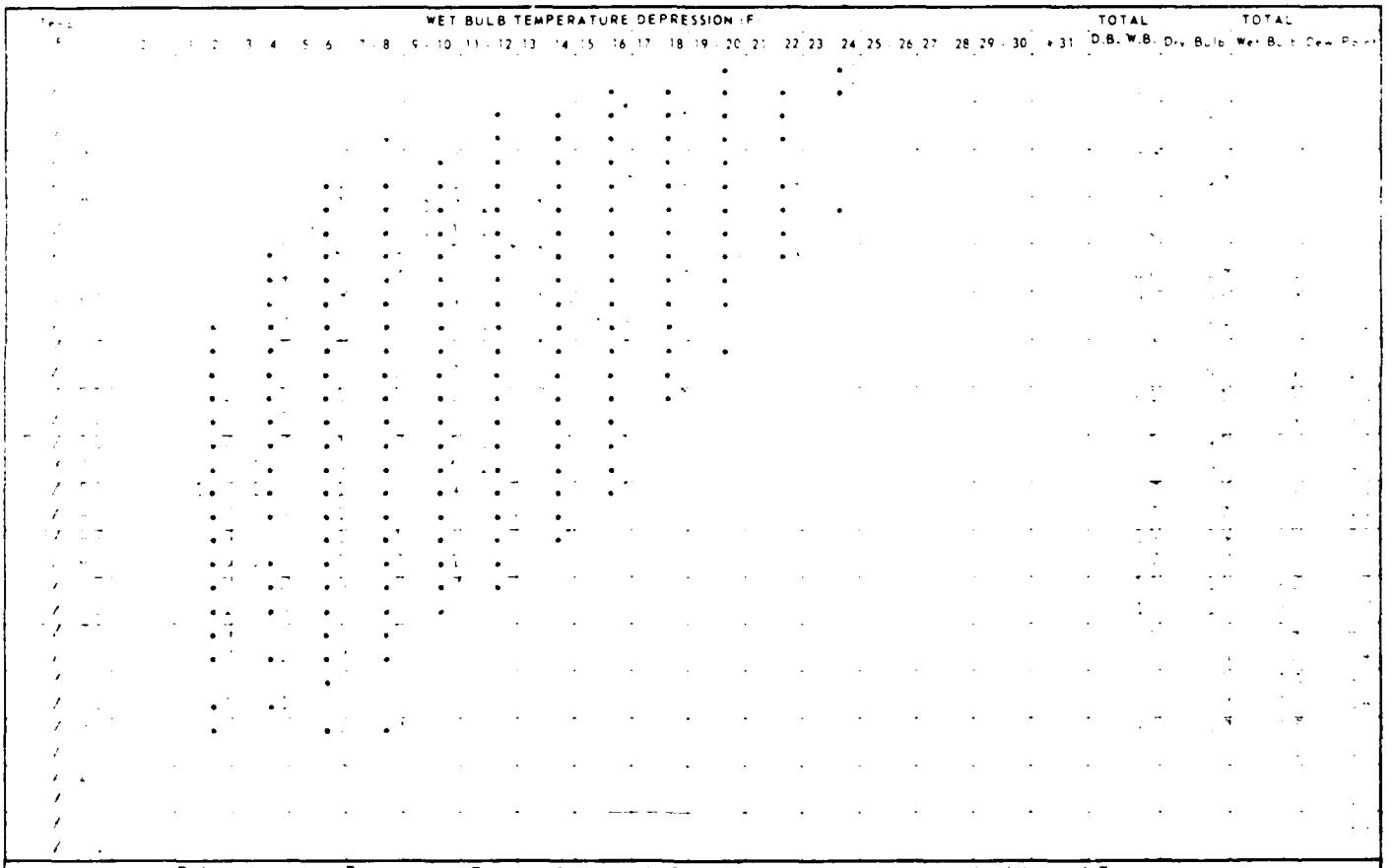
Element X	Σ_X	Σ_X^2	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM NO. 0-26-5 OLD

2

PSYCHROMETRIC SUMMARY

STATION NAME YEARS MONTH



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												

U.S. AFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

HOURS

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

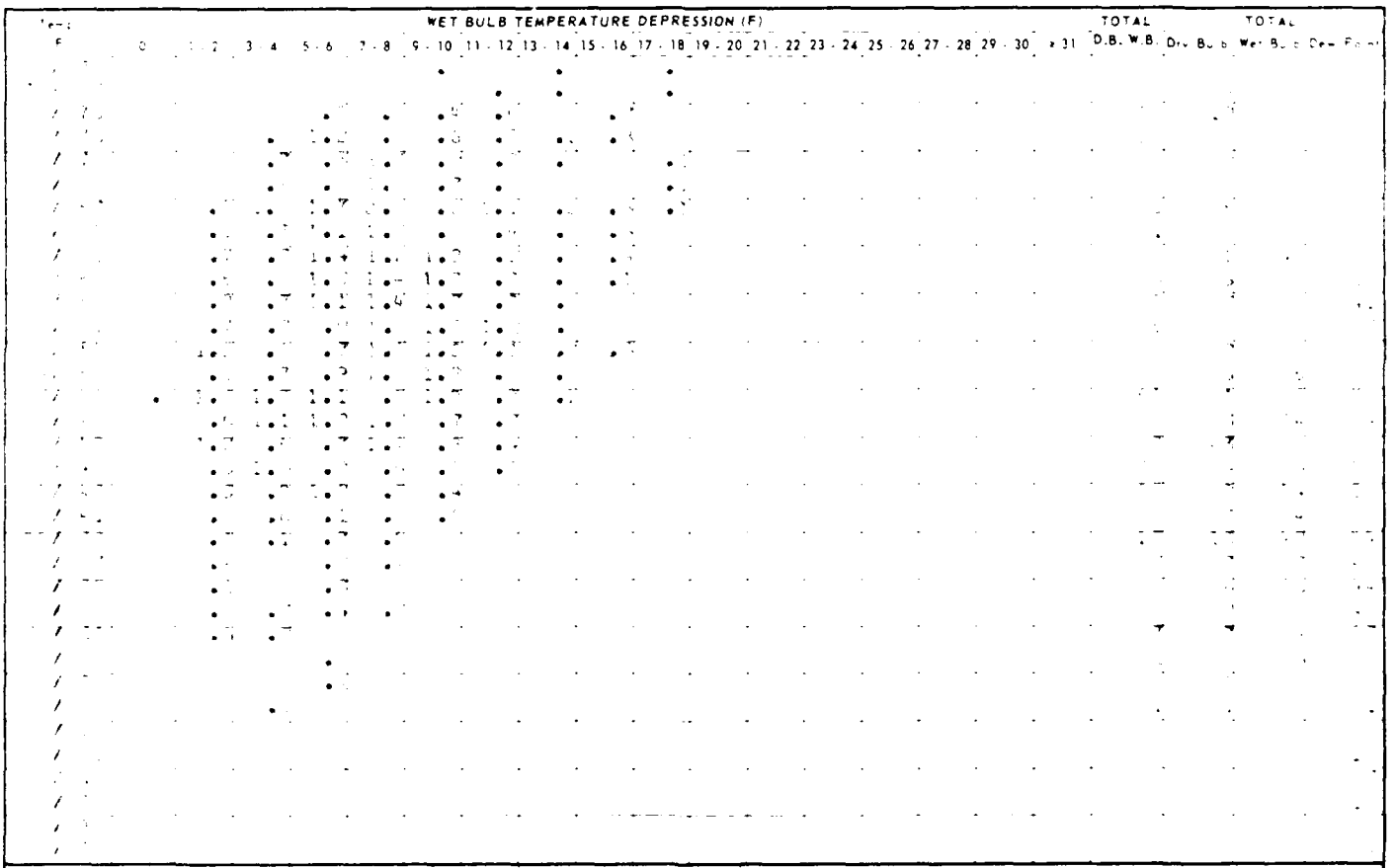
Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH



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 FORM 0-26-5-OL-A1 PREV. EDITION OBSOLETE

2

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTHS

HOURS

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

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												

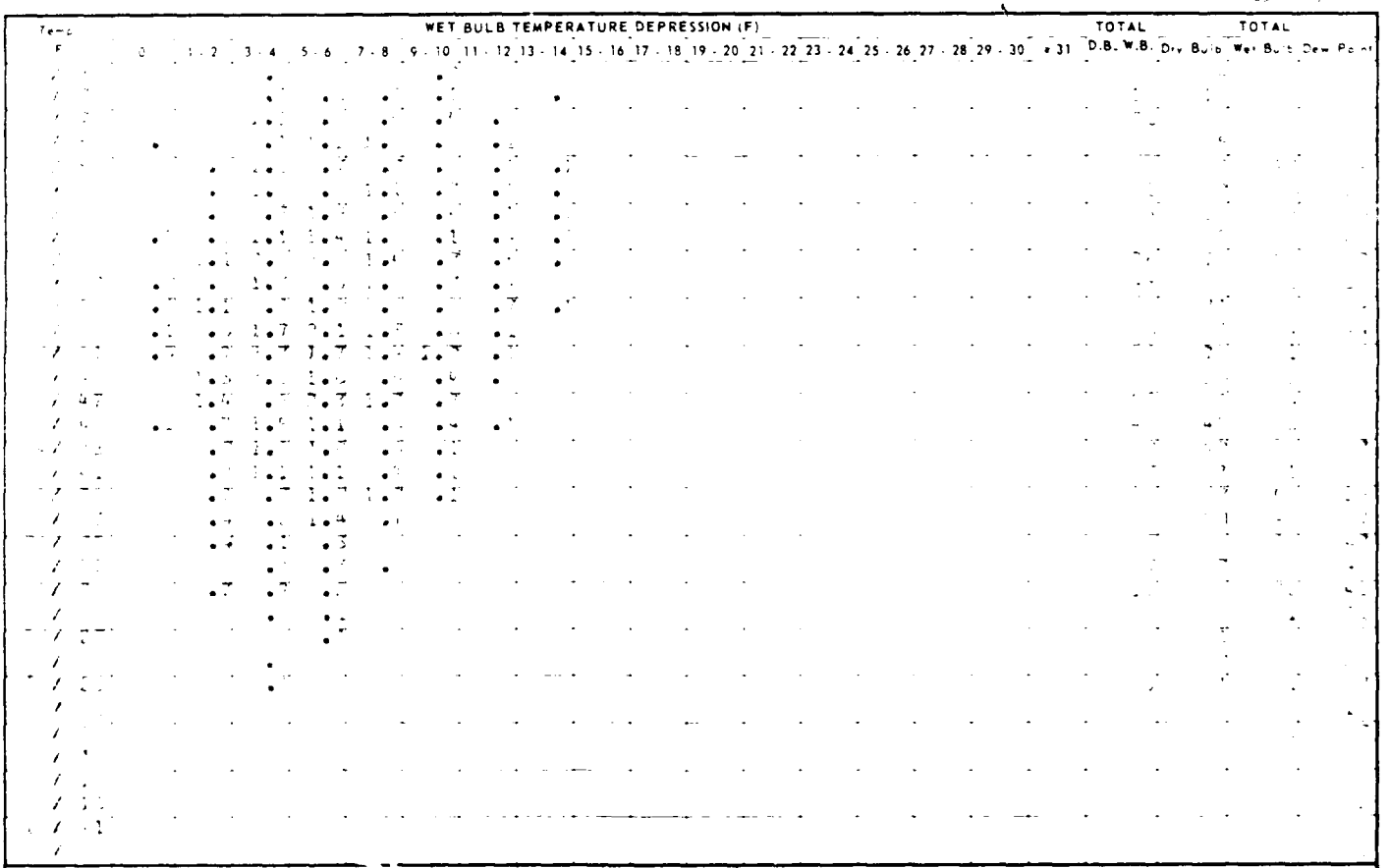
USAFETAC Form 0-26-5 (OL-A) Previous editions of this form are obsolete. Jul 64

2

PSYCHROMETRIC SUMMARY

STATION [illegible] STATION NAME [illegible] TX YEARS MONTH

HOURS [illegible]



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

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

2

PSYCHROMETRIC SUMMARY

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
	1	2	3	4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31															

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

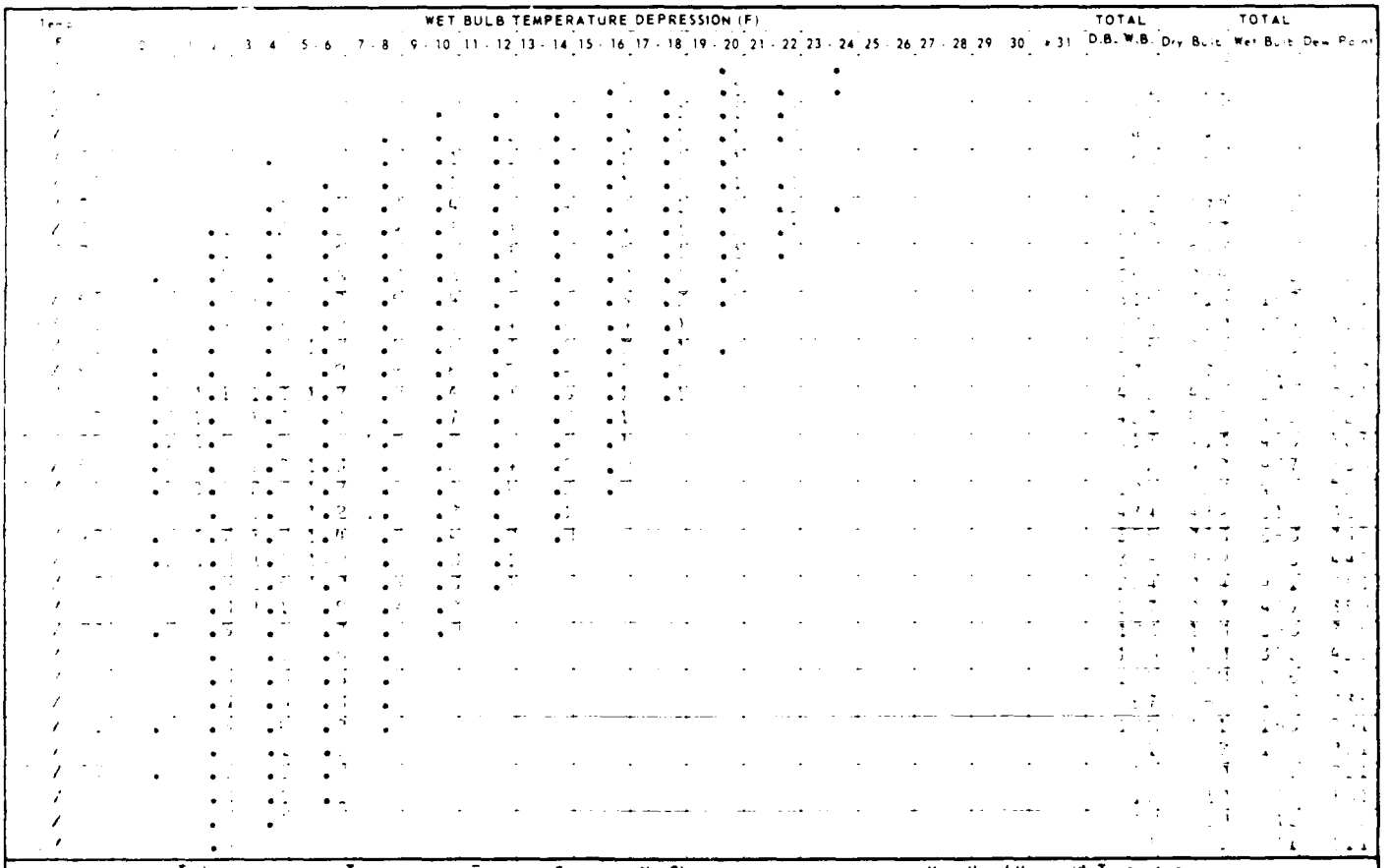
USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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												

U. AFETAC Form 0-26 (OL A) ...

2

PSYCHROMETRIC SUMMARY

STATION NAME YEARS

HOURS

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

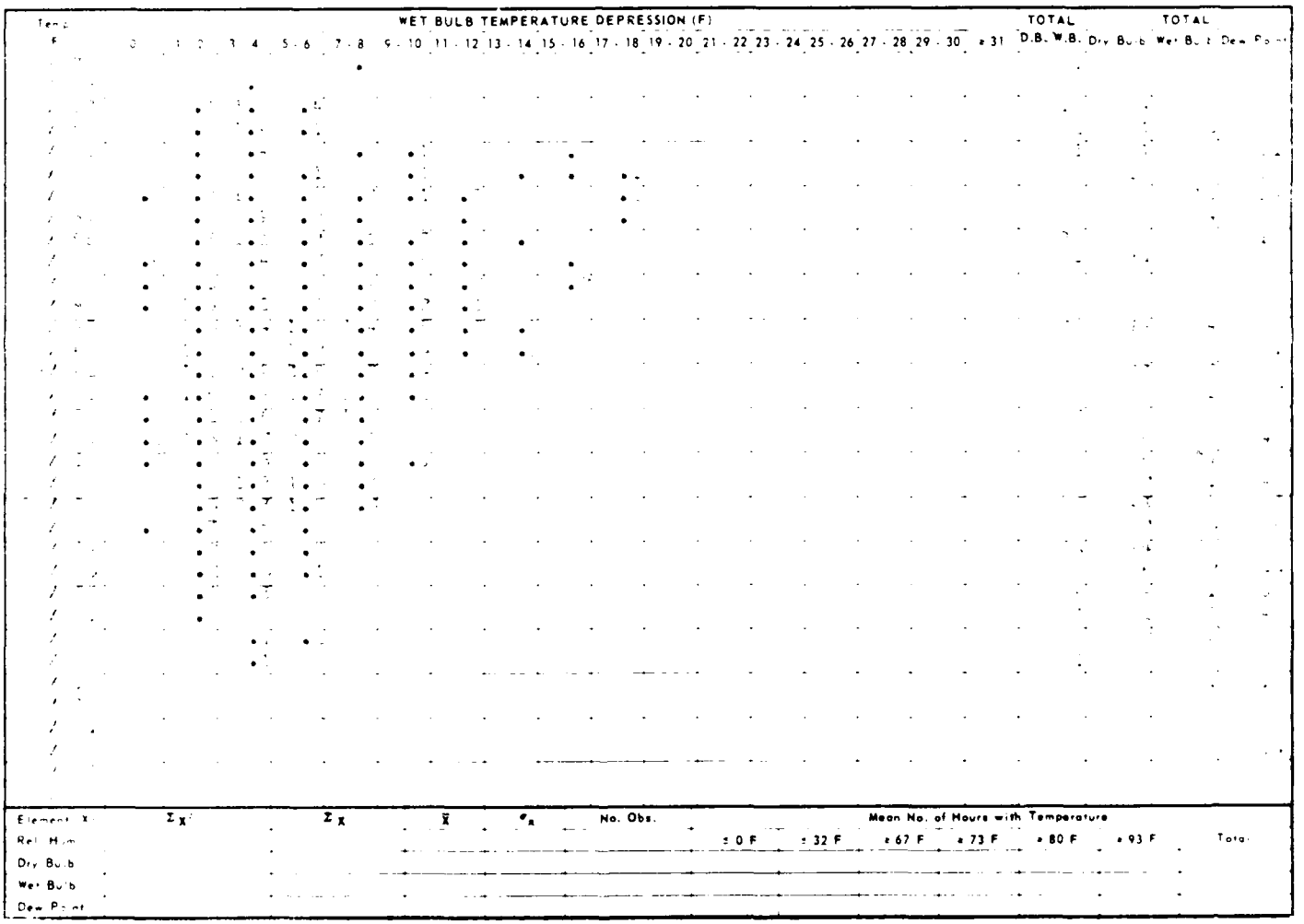
Element X	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH HOURS



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

USAFETAC FORM 0-26-5 (OL-A) JUL 64

2

PSYCHROMETRIC SUMMARY

STATION NAME YEARS MONTH

HOURS (L.S.T.)

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

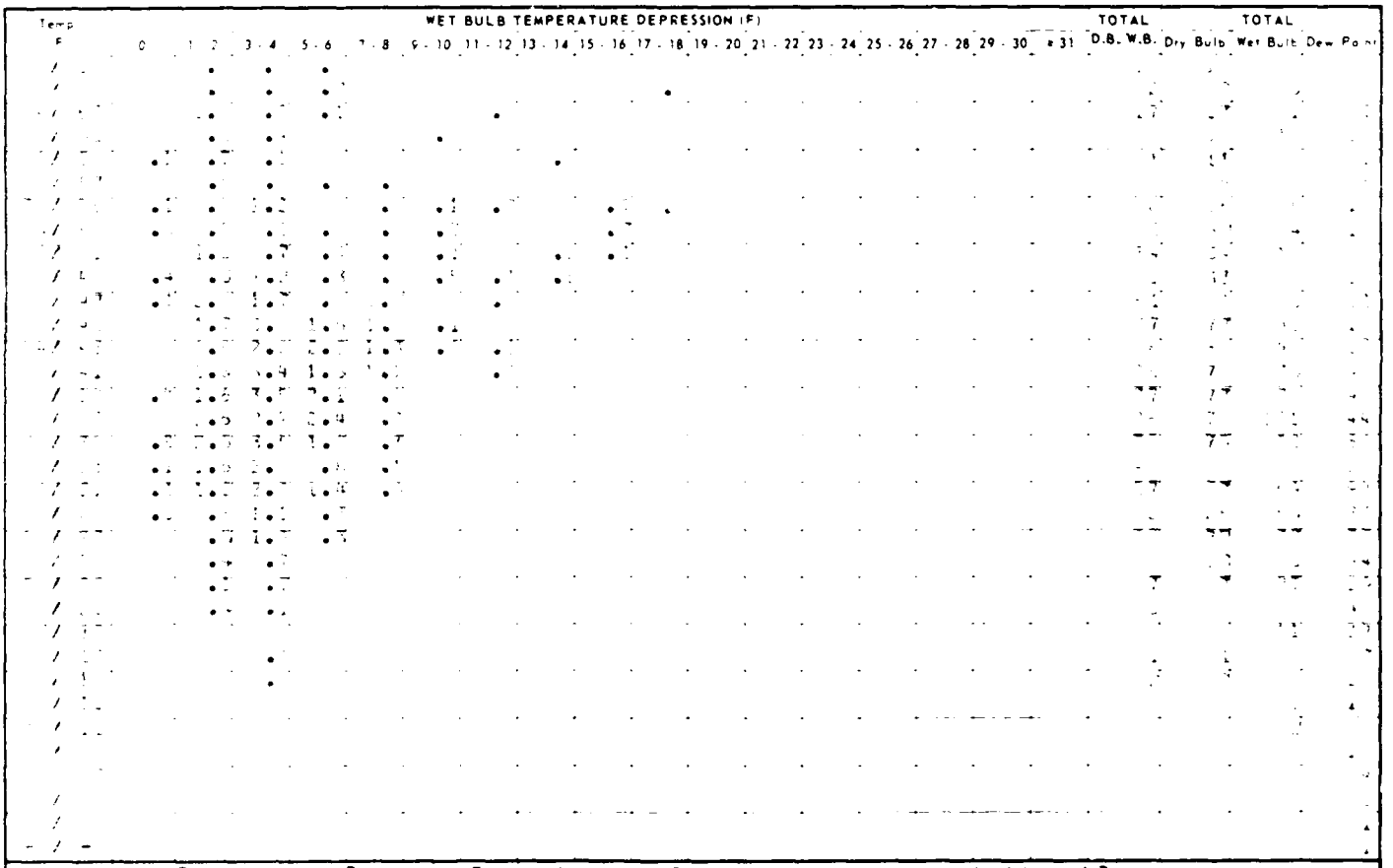
Element x	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC Form 0-26-5 (OL-A) Previous editions are obsolete

2

PSYCHROMETRIC SUMMARY

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



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 FORM 0-26-5 (OL-A)

2

PSYCHROMETRIC SUMMARY

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
	1	2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21	22	23 - 24	25	26	27	28	29 - 30	≥ 31											

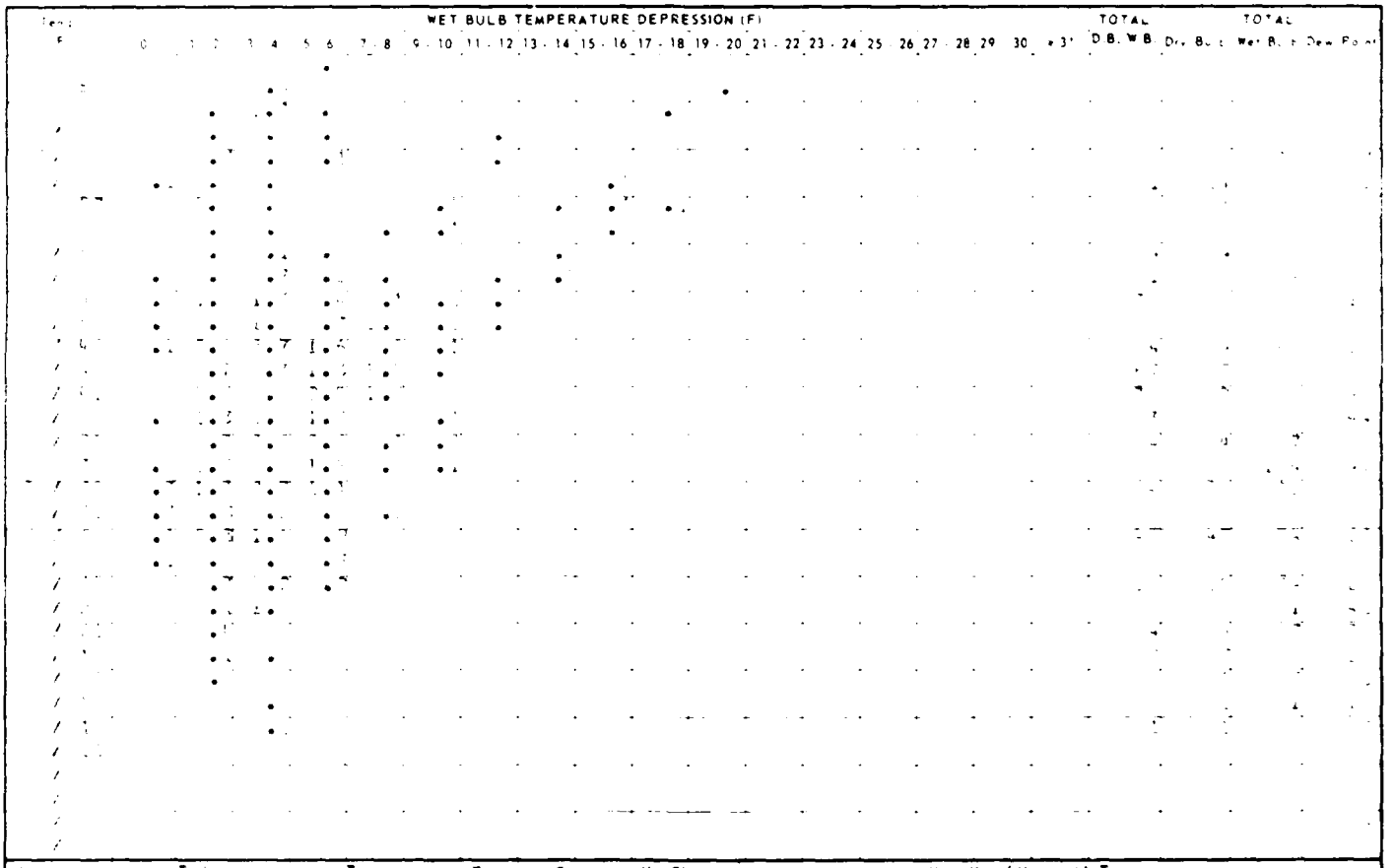
Element x	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE AND WILL NOT BE USED JUL 64

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH



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												

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH HOURS

Temp. F	WET BULB TEMPERATURE DEPRESSION (F) 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

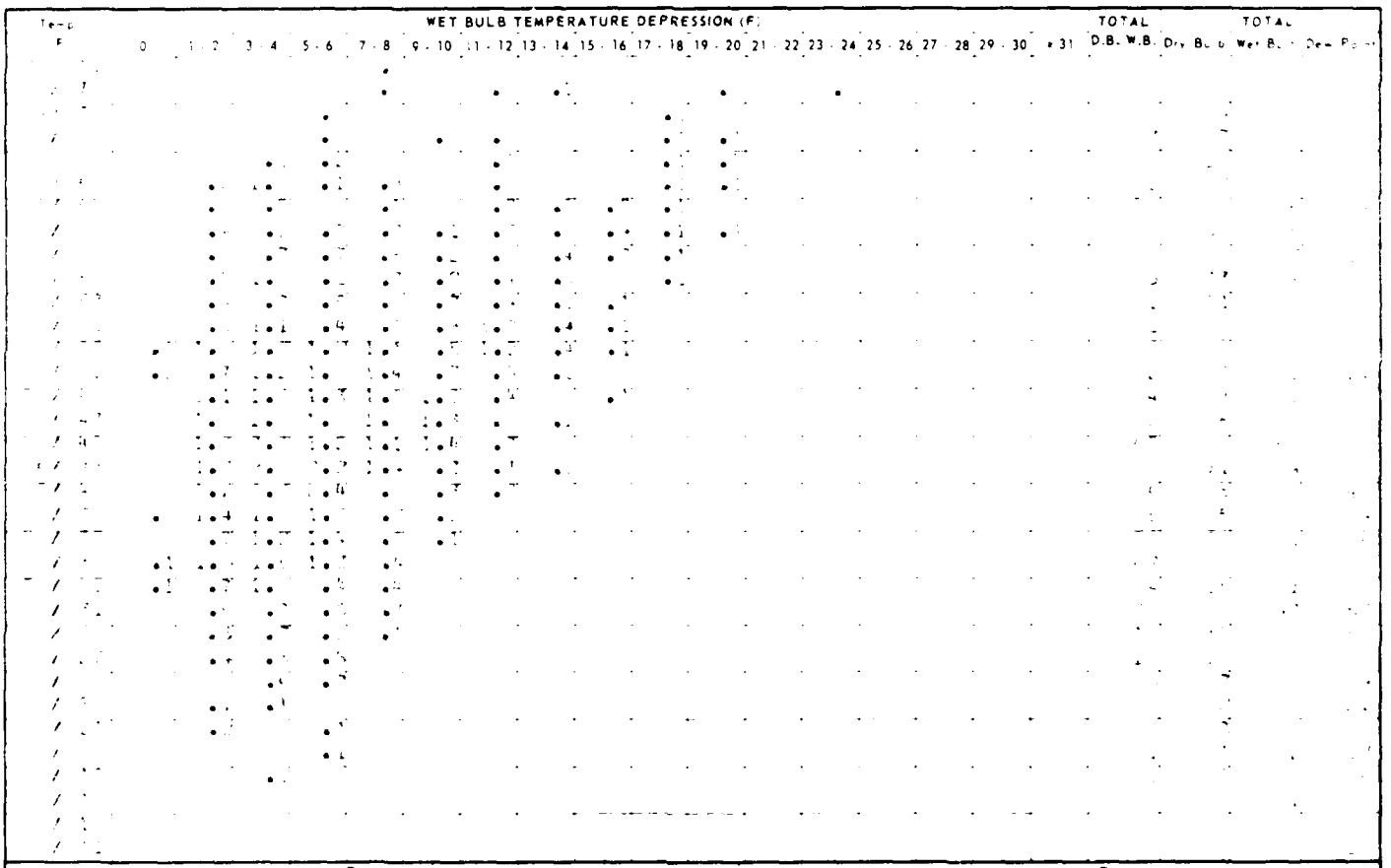
Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC Form 0-26-5 (OL-A) Prev. Editions of this form are obsolete. (AWS 64)

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH



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. OCT 84

2

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

HOURS

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

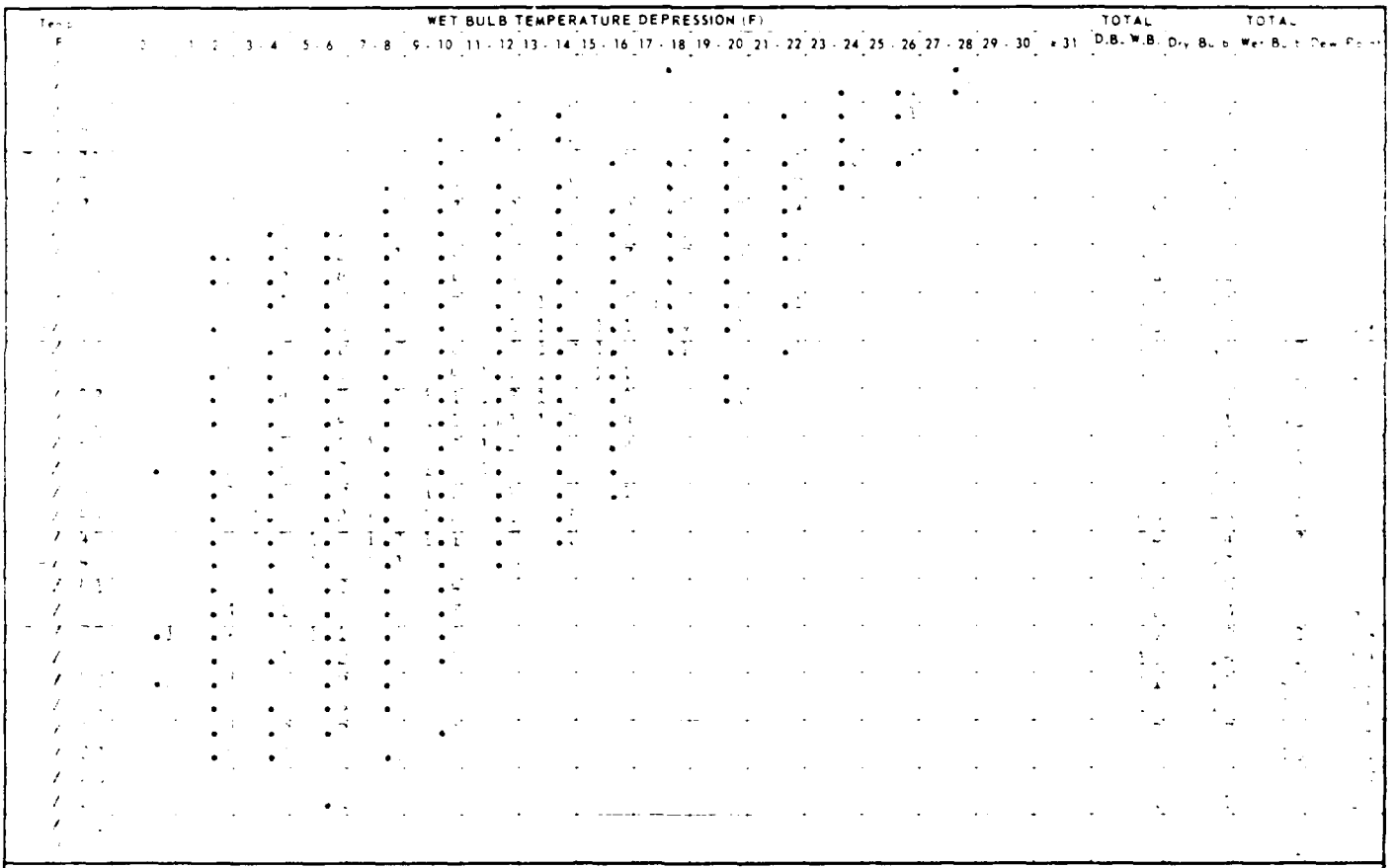
Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 68

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH



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
Dry Bulb												
Wet Bulb												
Dew Point												

AFETAC Form 0-26-5 (OL-A) Previous editions are obsolete

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 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	TOTAL Wet Bulb & Dew Point

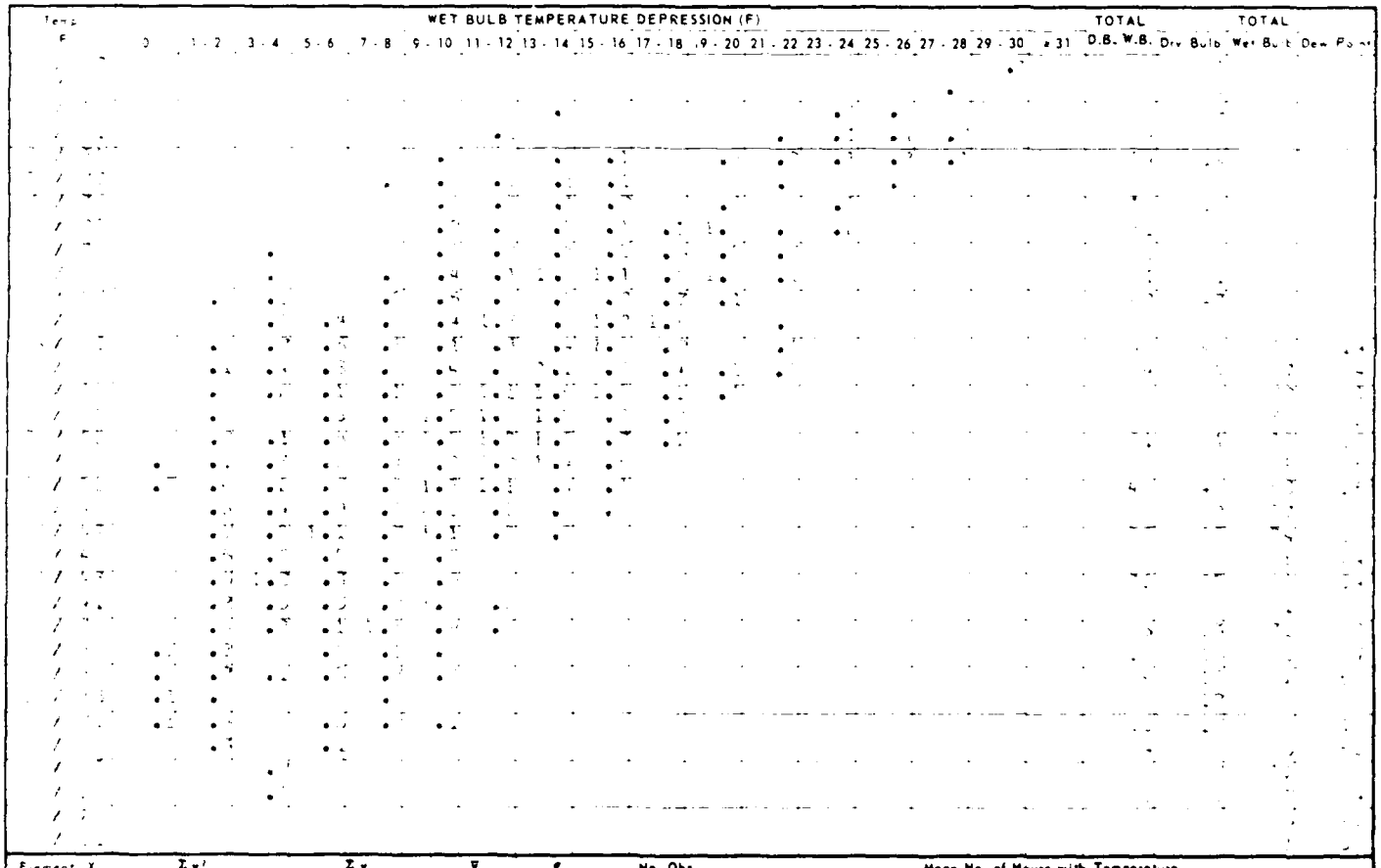
Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-24-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____



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
Re Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

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

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH HOURS

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

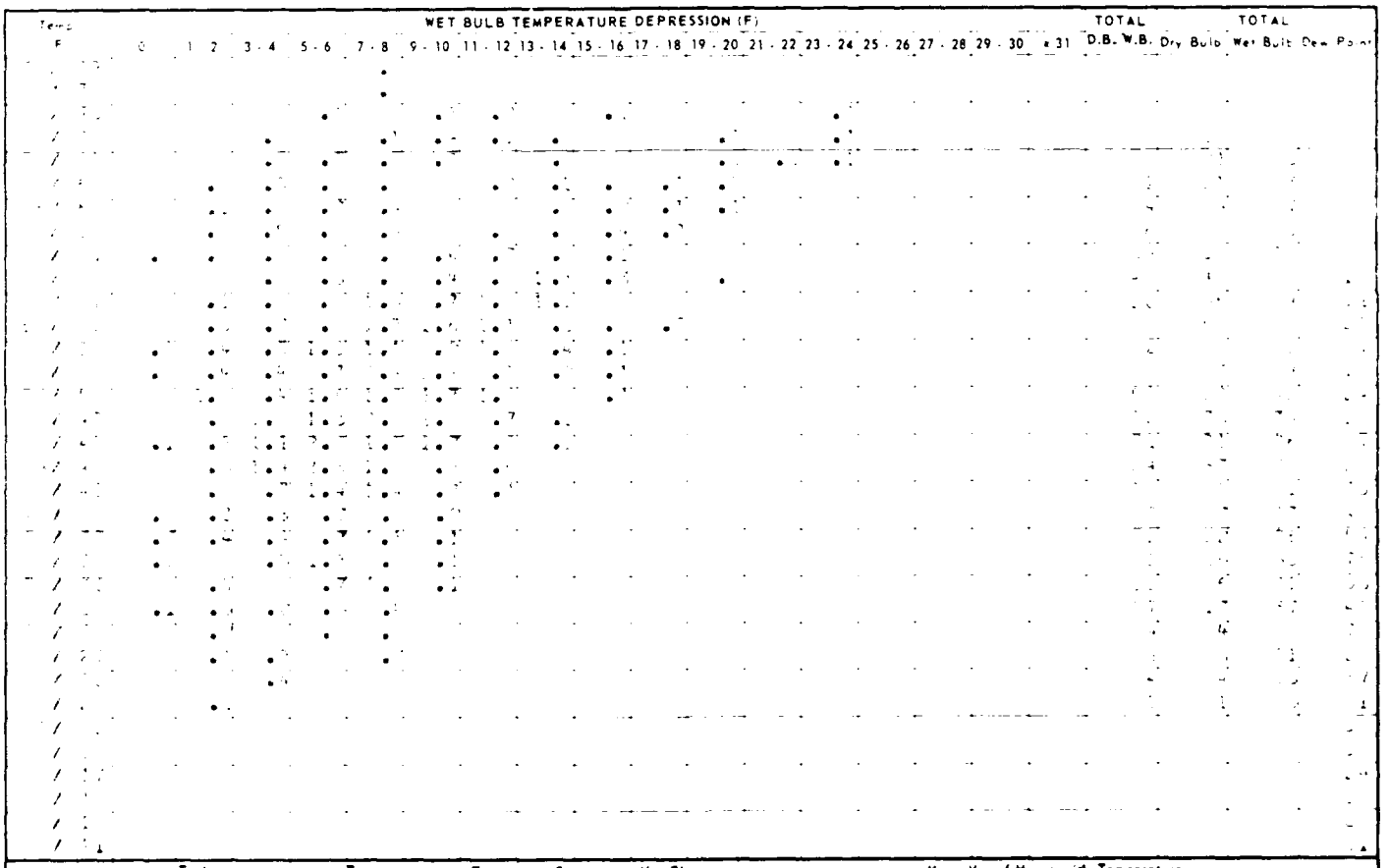
Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH HOURS



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 FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

2

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

HOURS

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

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

USAFETAC FORM 0-26-5 (L, A)

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 ≥ 31	TOTAL D.B. W.B.	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 FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 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

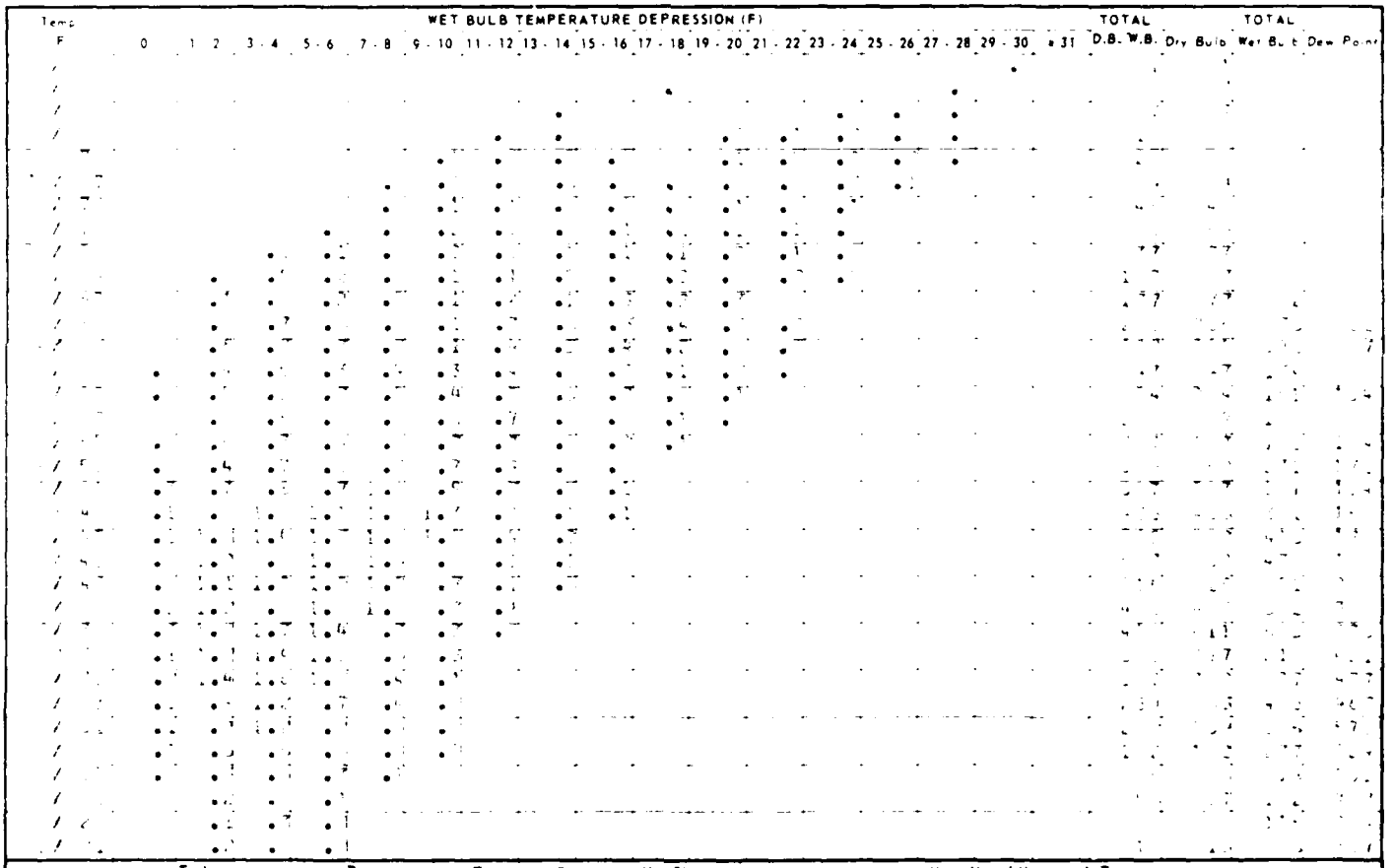
Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

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

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH



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

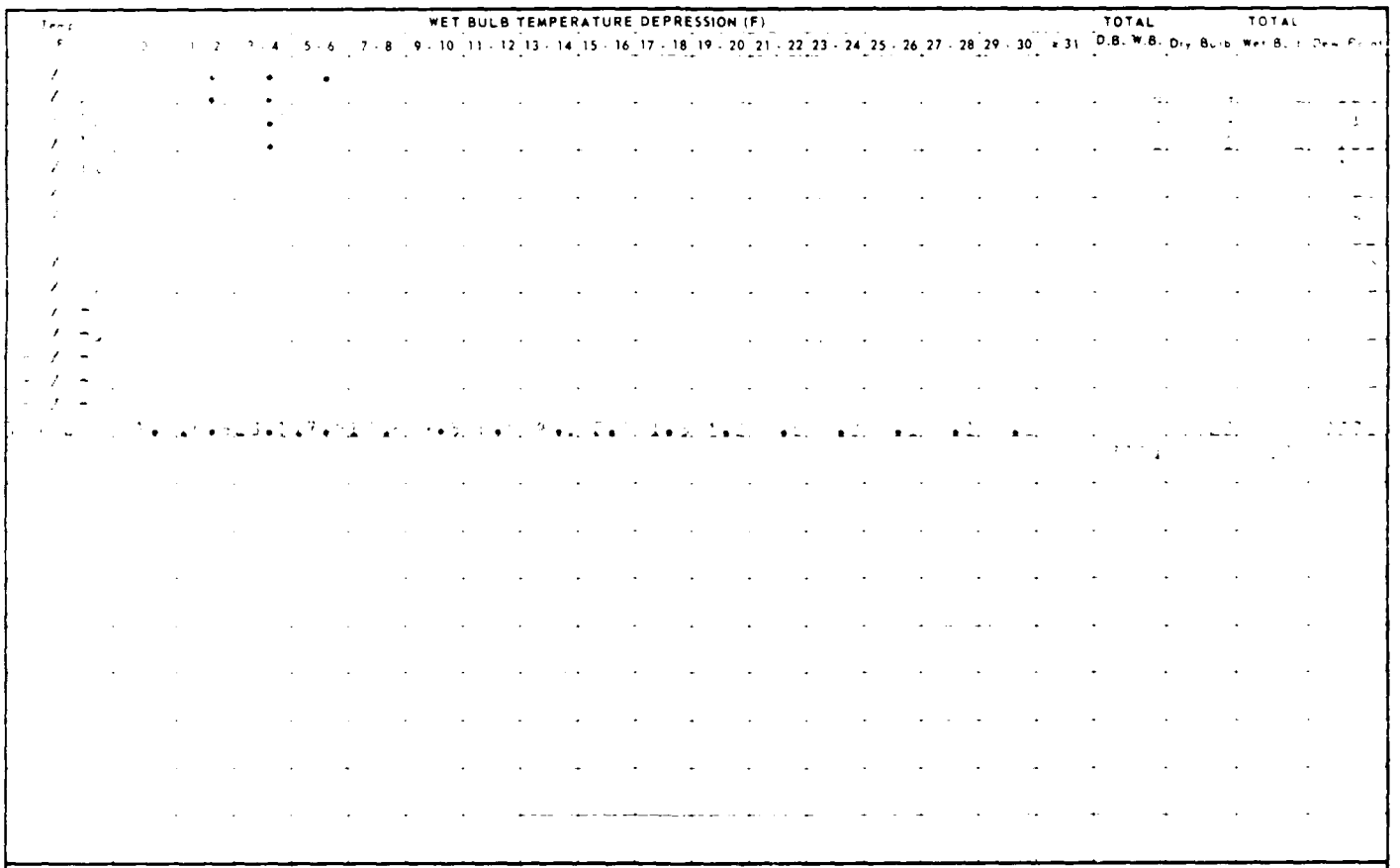
USAFETAC FORM 0-26-5 (OL-A) JUL 64

2

PSYCHROMETRIC SUMMARY

STATION [illegible] TX STATION NAME YEARS MONTH

HOURS



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

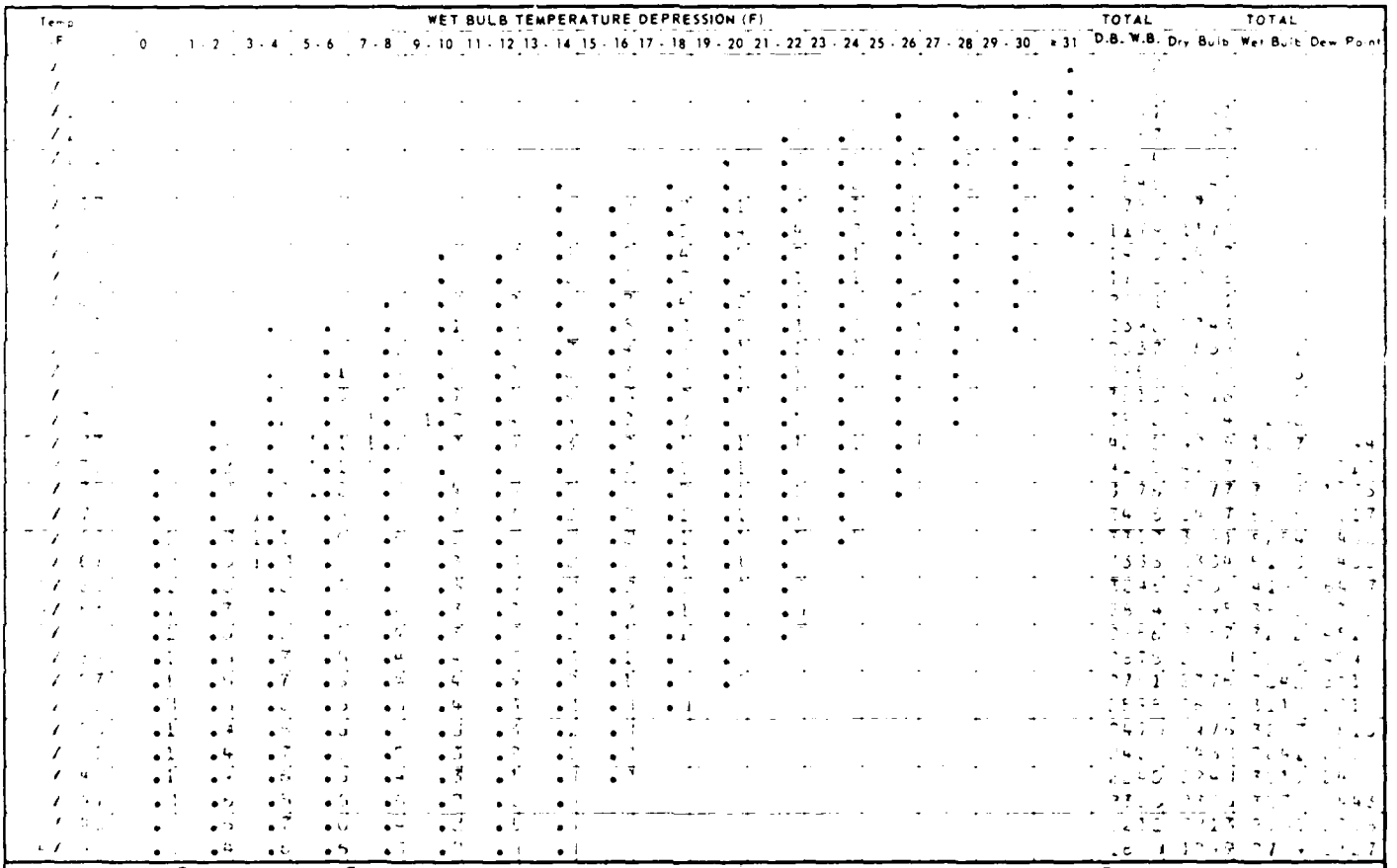
USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS



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

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 84

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L.S.T.)

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

USAFETAC FORM JUL 64 0 26 5 (OL A)

2

MEANS AND STANDARD DEVIATIONS

...PY-HOLD TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

... ...CARSWELL AFB TX 73-87

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	MEAN	54.7	44.6	53.4	66.4	75.3	76.0	83.5	80.8	73.4	62.5	52.4	44.6	
		1 .7741	.791	9.561	7.895	5.831	5.257	3.862	4.435	7.374	8.729	9.935	9.659	1 .1
	N	930	846	929	899	929	900	930	929	899	93	900	929	1
	MEAN	38.4	42.0	51.4	58.2	66.1	73.6	77.8	77.3	70.8	6 .4	5 .5	42.2	
		1 .6681	.636	9.714	8.295	6.688	5.033	3.173	3.873	7.132	8.8911	0.073	9.870	1
	N	930	845	929	900	930	900	929	93	900	93	898	900	1
	MEAN	37.1	41.1	50.5	58.3	67.2	74.8	79.1	77.5	7 .7	59.8	49.6	41.8	
		1 .9 81	.592	9.647	8.412	6.612	5.250	3.801	4.120	7.266	9.0491	0.361	0.284	1
	N	930	846	928	900	930	898	930	929	898	93	899	900	1
	MEAN	41.6	47.2	57.2	65.7	74.2	82.3	87.6	86.2	78.7	66.4	56.5	47.9	
		11.9771	2.6541	.679	8.514	6.936	6.126	5.127	5.452	6.104	9.3471	0.7731	0.747	17
	N	929	846	930	900	930	900	928	929	898	929	899	900	1
	MEAN	46.1	54.1	63.8	71.1	79.3	87.6	92.7	92.1	84.7	74.8	64.9	55.5	7
		13.955	14.5181	1.076	8.946	7.654	6.291	5.750	5.376	6.616	9.9741	1.0312	2.116	17
	N	930	846	929	899	930	899	930	928	899	929	899	900	1
	MEAN	51.1	58.3	68.1	72.8	80.5	89.2	93.8	93.5	85.8	78.	68.8	59.9	7
		14.3201	4.7521	1.559	8.739	7.536	6.346	5.520	6.207	9.063	9.8551	1.7501	1.991	17
	N	930	846	929	900	930	898	929	93	900	929	899	900	1
	MEAN	48.5	51.6	64.0	69.8	78.7	85.5	89.9	89.2	81.	69.8	57.9	5 .6	6
		12.4401	2.7241	.301	8. 2	7.251	6.363	6.351	6.195	8.541	9.2171	0.3871	0.06	17
	N	930	846	928	899	929	900	928	930	900	929	897	900	1
	MEAN	42.5	47.0	57.0	63.7	71.4	79.0	84.2	83.5	75.9	65.	54.2	46.8	
		1 .8681	1.474	9.678	7.711	6.694	5.474	4.931	5.035	7.026	8.6761	0.078	9.841	1
	N	930	846	929	900	930	898	929	930	900	930	899	900	1
	MEAN	42.6	47.9	57.7	64.9	72.9	81.1	85.7	84.9	77.6	67.1	56.0	46.3	6
		1 .6381	3.4171	1.747	9.874	8.701	8.072	7.734	7.901	9.7751	0.8991	1.7401	1.875	17
	N	7439	6767	7431	7197	7438	7193	7433	7435	7194	7435	7.89	7423	67574

USAFETAC ... (OLA)

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

2

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

...AR WILL AFB TX 73-8...

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	MEAN	5...6	7...5	4...1	5...2	63.8	69...	7...9	72.7	66.3	56.5	47.7	4...7	5...4
...- 2		1...15...	9.885	...725	6.455	6.363	4.456	2.363	3...27	6.357	8.424	9.963	9...15	14.77
		93	846	924	8...5	929	9...1	933	928	899	93	910	9...5	1...934
	MEAN	34...	36.3	47.1	54.1	62.6	68.4	73.2	72.8	66.5	55.6	45.6	38.9	...4
-...		1...4...31	...835	9.993	8.759	6.669	4.667	3...47	3.169	6.618	8.7891	...211	9.65...	14.75...
		9...0	8...8	923	897	930	90...	929	930	9...	93...	898	9...6	1...937
	MEAN	33.7	37.7	46.5	54.2	63.4	69.2	71.1	70.5	65.7	55.4	46.1	38.1	54.4
-		...0.67	10.1341	...017	8.631	6.63...	4.53...	3.145	3.221	6.74...	8.9...61	...296	9.949	15.474
		9...	846	922	899	93...	896	928	926	896	93	897	9...1	1...927
	MEAN	36.7	41.4	5...0	57.6	66.5	72.2	73.9	73.6	67.1	5...6	5...1	47.0...	57.6
-...		1...7...210	0.783	9.491	8.3...3	6.252	4.157	2.579	2.855	6.191	8.131	9.493	9.8...2	15.154
		9...9	846	926	899	929	90...	926	929	898	929	895	9...2...	...922...
	MEAN	41...3	44.8	52.5	6...1	6...1	73.4	74.7	74.4	73.4	61.7	5...8	4...7	5...1
-...4		1...291	0.6...7	...12...	0...1...0	6.1...8	3.689	2.395	2.641	5...77	7.837	...975	9.6...4	14.154
		9...0	845	925	894	93...	899	93...	92...	899	929	899	9...2...	1...931
	MEAN	41...1	45.8	53.0	6...7	67.4	73.4	74.4	74.0	70...1	61.5	52.9	46.2	...3
-...7		1...72...1	...293	8.776	7.826	5.766	3.768	2.315	2.814	5.821	7.474	9.733	9.31...	13.797
		9...9	845	929	897	93...	897	929	926	90...	929	898	9...2...	1...932...
	MEAN	5...9	43.6	51.9	59...	67.1	72...1	73...	72.7	68.6	59.6	5...5	43.2	5...4
-...		1...21...	...272	8.933	7.8...3	5.894	3.9...5	2.447	2.768	5.633	7.36...	9.702	9.261	14.13...
		9...0	846	925	8...6	929	9...1	928	928	90...	928	897	9...8	1...92...
	MEAN	37...	41.4	49.9	57.1	6...2	7...4	71.6	71.5	67.1	57.6	48.7	41.7	5...7
-...3		9.994	9.947	9.234	8...19	6...94	4...7...	2.699	2.829	6...78	7.976	9.91...	9.67...	14.41...
		93...	846	927	897	929	89...	929	93...	9...	93...	899	9...9	1...934...
	MEAN	37.3	41.5	5...0	57.3	65.6	71....	72.5	72.2	67.9	58.5	47.4	41.7	57.2
		1...7661	...573	9.733	8.672	6...83	4.56...	3.144	3.357	5.38...	8.4881	...2641	...937	14.765
		7436	6765	7440	7174	7436	7192	7429	7429	7194	7435	7...81	7371	...7440

USAFETAC ... (OLA)

2

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

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

CARSWELL AFB TX 73-8[illegible]

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]	MEAN	29.[illegible]	73.3	42.3	5[illegible].7	61.[illegible]	65.6	66.[illegible]	65.9	62.4	51.7	42.6	33.[illegible]	[illegible]
	S.D.	1[illegible].73[illegible]	11.641	12.472	1[illegible].[illegible]16	7.284	5.4[illegible]3	5.394	4.410	7.333	1[illegible].1[illegible]	12.236	12.[illegible]	16.[illegible]7[illegible]
	TOTAL OBS	[illegible]3[illegible]	846	924	875	929	9[illegible]	930	926	899	[illegible]3[illegible]	900	[illegible]	[illegible]74
[illegible]	MEAN	[illegible]	32.8	42.1	5[illegible].4	6[illegible].4	65.6	66.2	66.2	62.3	51.6	4[illegible].1	33.[illegible]	[illegible]
	S.D.	1[illegible].[illegible]77	11.891	12.[illegible]07	10.789	7.546	5.59[illegible]	5.175	4.426	7.467	1[illegible].[illegible]66	12.321	12.[illegible]54	16.7[illegible]4
	TOTAL OBS	[illegible]	845	923	897	93[illegible]	9[illegible]	929	930	[illegible]	[illegible]	898	[illegible]	1[illegible]3[illegible]
[illegible]	MEAN	[illegible]	32.6	42.[illegible]	5[illegible].4	6[illegible].9	66.3	67.[illegible]	66.9	62.7	51.7	4[illegible].[illegible]	3[illegible]	[illegible].4
	S.D.	1[illegible]	12.038	12.194	10.936	7.654	5.354	5.052	4.323	7.479	1[illegible].287	12.372	12.[illegible]	17.144
	TOTAL OBS	[illegible]3	846	922	899	93[illegible]	89[illegible]	926	925	893	[illegible]	897	[illegible]	1[illegible]27
[illegible]	MEAN	29.[illegible]	33.6	42.6	51.3	61.9	66.[illegible]	67.5	67.6	63.[illegible]	52.7	43.5	34.1	[illegible]1.4
	S.D.	1[illegible].27[illegible]	12.920	12.295	11.457	7.659	5.25[illegible]	4.765	4.[illegible]33	7.[illegible]95	1[illegible].[illegible]44	12.7[illegible]5	12.[illegible]73	17.1[illegible]7
	TOTAL OBS	[illegible]	846	[illegible]26	899	929	9[illegible]	926	[illegible]29	898	[illegible]29	895	[illegible]2	1[illegible]2[illegible]
[illegible]	MEAN	29.[illegible]	34.[illegible]	42.3	51.[illegible]	61.9	66.7	66.2	[illegible]6.2	62.[illegible]	52.2	43.1	33.[illegible]	[illegible].3
	S.D.	13.2[illegible]9	12.175	12.503	11.935	7.985	5.353	4.817	4.43[illegible]	7.317	1[illegible].[illegible]49	1[illegible].[illegible]98	13.[illegible]4	16.944
	TOTAL OBS	[illegible]3[illegible]	845	925	894	[illegible]3[illegible]	89[illegible]	93[illegible]	926	899	929	899	[illegible]3[illegible]	1[illegible]931
[illegible]	MEAN	[illegible].1	33.7	4[illegible].5	51.2	[illegible]1.5	65.7	65.2	[illegible]4.8	61.7	51.[illegible]	42.6	[illegible]	[illegible]
	S.D.	13.21[illegible]	11.936	12.748	12.256	8.[illegible]74	5.539	4.661	4.695	7.437	1[illegible].814	1[illegible].[illegible]88	13.[illegible]47	16.77[illegible]
	TOTAL OBS	[illegible]	845	928	877	930	8[illegible]7	929	[illegible]28	9[illegible]	929	898	[illegible]2	1[illegible]3[illegible]
[illegible]	MEAN	[illegible]9.3	33.9	41.7	51.[illegible]	61.4	65.4	65.[illegible]	64.6	61.7	51.8	43.0	33.[illegible]	[illegible]
	S.D.	13.[illegible]74	11.846	12.975	11.896	7.612	5.51[illegible]	4.97[illegible]	4.617	7.173	1[illegible].151	12.597	12.964	16.467
	TOTAL OBS	[illegible]3	846	[illegible]5	8[illegible]6	[illegible]29	[illegible]	[illegible]2[illegible]	928	9[illegible]	928	897	91[illegible]	1[illegible]92[illegible]
[illegible]1-23	MEAN	29.6	34.[illegible]	42.5	51.5	61.4	65.6	65.6	65.4	62.1	51.7	42.9	33.6	[illegible]
	S.D.	1[illegible].796	11.727	12.453	11.[illegible]93	7.187	5.233	5.124	4.436	6.797	9.932	12.33[illegible]	12.[illegible]1[illegible]	16.3[illegible]
	TOTAL OBS	[illegible]3	846	[illegible]7	897	929	893	929	930	[illegible]	[illegible]3	899	[illegible]19	1[illegible]934
[illegible]	MEAN	[illegible]9.[illegible]	33.5	42.1	51.[illegible]	61.3	66.[illegible]	66.1	66.[illegible]	62.5	51.9	42.7	33.4	[illegible]
	S.D.	13.[illegible]41	11.980	12.520	11.413	7.668	5.44[illegible]	5.[illegible]44	4.53[illegible]	7.378	1[illegible].4[illegible]6	12.[illegible]39	12.[illegible]27	1[illegible].77
	TOTAL OBS	743[illegible]	6765	74[illegible]0	7174	7436	7192	742[illegible]	7429	7194	7435	7183	7371	8744[illegible]

...AL CLIMATOLOGY BRANCH
...SFETAC
...WEATHER SERVICE/MAC

RELATIVE HUMIDITY

...95 CARSWELL AFB TX 73-3. JAN
STATION NUMBER STATION NAME PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OBS
		10	20	30	40	50	60	70	80	90		
JAN	..-..	1..0.0	99.9	98.4	94.2	83.1	65.6	42.8	26..	7.4	67.4	93
	..-09	1..0.0	1..0..	99.2	96.5	88.2	71.7	48.6	28.4	9.8	69.8	93
	..-0..	1..0.0	1..0..	99.7	97.7	90.9	74.1	52.5	29.6	9.7	71.1	93
	..-11	1..0.0	99.9	96.3	86.5	72.4	56.1	38.2	23.3	7.5	63.9	93
	..-14	1..0.0	96.9	84.1	62.7	46.2	32.5	23.7	13.8	..2	51.9	93
	..-17	1..0.0	93.9	76.6	56.3	42.2	3..1	21.3	12..	7.2	49.2	93
	..-2..	1..0.0	98.7	90.6	74.2	56.3	41.0	28.9	16.9	5.4	56.6	93
	..-23	1..0.0	99.4	97.5	89.2	74.9	54.5	37.3	22.9	7.6	64..	93
TOTALS		1..0.0	98.6	92.8	82.4	69.3	53.2	36.4	21.7	8.6	61.8	7438

USAFETAC FORM 0-87-5 OL A

GL[illegible]AL CLIMATOLOGY BRANCH
[illegible]SFETAC
[illegible]EATHER SERVICE/MAC

RELATIVE HUMIDITY

[illegible] CARSWELL AFB TX 73-82 FEB
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		
FEB	[illegible]-[illegible]	1[illegible].0	1[illegible].[illegible]	98.7	94.8	84.3	66.4	44.[illegible]	22.2	[illegible].3	67.[illegible]	[illegible]4[illegible]
	[illegible]-[illegible]	1[illegible].[illegible]	99.6	98.6	96.8	9[illegible].1	76.2	53.8	27.6	11.4	71.2	[illegible]45
	[illegible]-[illegible]	1[illegible].0	99.9	99.3	97.4	92.4	79.9	56.9	31.9	11.7	72.9	[illegible]4[illegible]
	[illegible]-11	1[illegible].0	98.[illegible]	95.9	86.3	71.7	55.0	35.9	19.[illegible]	6.9	62.6	[illegible]4[illegible]
	12-14	99.9	95.4	81.1	65.8	47.3	29.8	[illegible].7	11.[illegible]	[illegible].4	51.1	[illegible]45
	[illegible]-17	1[illegible].0	89.9	74.6	58.8	39.1	26.[illegible]	18.2	8.9	1.9	47.5	[illegible]43
	[illegible]-2	1[illegible].0	97.2	87.5	74.5	56.1	37.4	22.3	11.3	3.7	54.7	[illegible]46
	[illegible]-23	1[illegible].0	99.9	96.7	89.7	75.7	54.1	33.5	17.6	6.7	63.[illegible]	[illegible]46
	TOTALS	1[illegible].0	[illegible]7.6	91.6	[illegible]3.[illegible]	69.6	53.4	35.6	18.3	6.9	61.4	5765

USAFETAC FORM [illegible]UL 64 0-87-5 /OL A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

726595 CARSWELL AFB TX 73-82 MAR
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		
MAR	00-02	100.0	99.5	98.6	94.5	81.7	64.4	46.8	28.0	11.6	62.6	924
	03-05	100.0	99.9	99.2	97.4	89.2	73.7	55.5	36.[illegible]	14.1	72.4	923
	06-08	100.0	100.0	99.3	97.9	91.3	79.1	58.7	36.3	15.7	73.9	922
	09-11	100.0	99.7	93.6	82.7	67.7	51.9	35.4	19.4	6.0	61.3	926
	12-14	100.0	94.5	80.[illegible]	6[illegible].6	44.[illegible]	30.3	18.2	9.7	3.6	49.9	927
	15-17	100.0	89.7	72.0	52.2	33.8	23.3	14.3	9.3	2.9	45.3	926
	18-20	100.0	93.4	81.8	64.5	48.3	33.1	20.8	12.3	5.3	51.6	925
	21-23	100.0	99.2	96.4	84.5	67.4	48.4	31.5	18.7	8.1	61.2	927
TOTALS		100.0	97.2	89.9	79.3	65.4	50.5	35.2	21.2	8.4	6[illegible].5	74[illegible]

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

[illegible] CARSWELL AFB TX 73-82 APR
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS EST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10	20	30	40	50	60	70	80	90		
APR	00-02	100.0	100.0	99.9	98.4	91.1	75.4	56.3	31.4	6.5	71.0	699
	03-05	100.0	100.0	99.8	98.7	96.0	85.6	70.1	40.9	9.4	75.9	697
	06-08	100.0	100.0	99.9	98.4	94.1	84.4	71.0	41.5	11.2	76.0	699
	09-11	100.0	99.4	95.9	86.4	73.1	57.1	35.3	16.7	2.9	62.3	699
	12-14	100.0	99.2	86.6	70.5	54.6	36.5	18.0	8.7	1.7	53.2	694
	15-17	100.0	96.7	81.0	62.8	46.6	27.9	16.7	8.0	2.1	51.2	697
	18-20	100.0	97.0	91.9	73.9	58.3	42.1	24.3	12.7	3.0	56.1	896
	21-23	100.0	99.4	98.9	94.8	79.5	62.9	41.0	21.6	4.3	66.2	697
	TOTALS	100.0	99.0	94.1	85.5	74.4	59.0	41.7	22.7	5.1	63.9	7174

USAFETAC FORM JUL 84 0-87-5 (OL A)

...AL CLIMATOLOGY BRANCH
...AFETAC
...WEATHER SERVICE/MAC

RELATIVE HUMIDITY

...SSE CARSWELL AFB TX (STATION NAME) 73-82 (PERIOD) MAY (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		
MAY	..-02	100.0	100.0	100.0	1..1	98.1	94.4	77.6	45..	1..1	7..2	...
	..-05	1..0	100.0	100.0	100.0	99.2	96.6	87.8	61.3	17.2	82.2	9?
	..- 8	1..0	100.0	99.9	99.9	98.5	94.7	83..	57.3	16.5	8 .0	93
	..-11	100.0	100.0	99.5	97.2	87.6	68.2	4..3	16..	3.4	66.7	...
	..-14	1..0	99.9	9..2	8..1	62.6	38.4	15.6	5.3	1.7	57.3	93
	..-17	1..0	99.7	96.3	81.8	58.6	27.5	13.0	5.6	1.6	54.1	93
	..-20	100.0	100.0	98.8	92.2	75.3	46.5	24.4	11.5	2.5	6 .7	...
	..-23	100.0	1..0	100.0	99.7	95.3	80.8	53.4	24.7	5.9	71.6	929
TOTALS		1..0	1..0	99.1	94.9	85..	68.4	49.5	28..	7.4	6..9	743

USAFETAC FORM ...0L 64 0-87-5 /OL A/

OL AL CLIMATOLOGY BRANCH
USAFETAC
AI WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72595 STATION | CARSWELL AFB TX STATION NAME | 73-82 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	00-02	100.0	100.0	100.0	98.3	95.3	80.8	55.1	23.3	3.7	71.	90
	03-05	100.0	100.0	100.0	98.6	98.1	93.2	75.3	43.3	5.3	78.9	900
	06-08	100.0	100.0	100.0	98.6	97.6	91.6	72.7	35.3	4.9	75.6	899
	09-11	100.0	100.0	99.2	95.1	80.3	58.1	19.8	6.9	1.8	6 .9	900
	12-14	100.0	99.8	97.2	81.8	48.5	18.4	7.0	3.4	.4	51.2	899
	15-17	100.0	99.1	94.9	69.6	32.9	12.2	5.4	1.7	.2	47.3	897
	18-20	100.0	99.8	97.1	82.6	52.1	23.8	11.9	3.4		52.5	900
	21-23	100.0	100.0	99.1	97.0	85.7	55.3	28.4	9.1	1.2	63.	898
	TOTALS	100.0	99.8	98.4	9 .2	73.7	53.2	34.5	15.9	2.1	62.3	7192

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

...AL CLIMATOLOGY BRANCH
...AFETAC
...WEATHER SERVICE/MAC

RELATIVE HUMIDITY

...95 CARSWELL AFB TX 73-82 JUL
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		
JUL	...-02	100.0	100.0	98.8	91.3	79.7	63.1	31.5	11.0		58.8	93
	03-05	100.0	100.0	99.4	96.9	86.2	76.2	56.9	18.1	.1	65.0	929
	06-08	100.0	100.0	99.5	96.2	85.6	74.5	51.5	15.5		67.7	928
	09-11	100.0	100.0	95.4	79.8	59.6	27.2	8.9	2.4	.2	52.7	926
	12-14	100.0	98.7	84.1	56.1	23.8	9.2	3.7	1.1		43.4	93
	15-17	100.0	97.5	75.7	40.5	18.5	9.6	5.6	1.3		41.2	929
	18-20	100.0	99.2	85.0	59.4	30.6	15.2	8.2	2.9		45.5	923
	21-23	100.0	100.0	96.8	81.6	63.3	32.7	18.1	6.6		55.5	929
	TOTALS	100.0	99.4	91.8	76..	55.9	38.1	23.1	7.4	.1	54.7	7425

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

722595 CARSWELL AFB TX 73-82 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	00-02	100.0	100.0	100.0	96.9	82.4	57.3	30.0	9.7	1.5	63.1	928
	03-05	100.0	100.0	100.0	98.9	93.5	77.4	51.4	16.6	2.0	69.4	93
	06-08	100.0	100.0	100.0	99.6	94.8	81.0	55.2	18.4	1.8	7 .5	926
	09-11	100.0	100.0	99.4	89.9	62.5	30.9	12.1	3.6	.5	55.5	929
	12-14	100.0	99.7	91.7	57.1	21.7	8.1	3.6	1.3	.3	44.0	923
	15-17	100.0	99.4	80.4	39.3	15.0	7.8	3.3	1.5	.3	4 .3	928
	18-20	100.0	99.8	92.3	58.7	29.0	13.4	6.7	2.5	.4	46.8	928
	21-23	100.0	100.0	99.6	86.8	60.5	31.2	14.1	6.1	1.0	55.7	93
	TOTALS	100.0	99.9	95.4	78.4	57.4	38.4	22.1	7.5	1.0	55.5	7429

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72595 STATION CARSWELL AFB TX STATION NAME 73-82 PERIOD SEP 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	00-02	100.0	100.0	100.0	99.9	93.1	75.0	47.1	23.1	6.2	71.1	899
	03-05	100.0	100.0	100.0	100.0	98.3	87.4	66.4	34.2	9.7	75.2	900
	06-08	100.0	100.0	100.0	100.0	98.7	91.8	71.9	36.7	7.9	76.4	898
	09-11	100.0	100.0	99.7	94.6	77.2	49.0	26.3	11.4	2.9	61.9	898
	12-14	100.0	100.0	93.9	71.3	37.5	21.4	13.2	6.7	1.9	5 .1	899
	15-17	100.0	99.9	87.1	57.0	30.6	18.7	12.2	6.6	1.6	46.9	900
	18-20	100.0	100.0	96.9	78.6	48.8	28.0	18.4	10.2	1.6	54.1	900
	21-23	100.0	100.0	100.0	97.0	82.6	52.2	29.7	15.1	4.2	63.7	900
TOTALS		100.0	100.0	97.2	87.3	70.9	52.9	35.6	18.1	4.4	62.3	7194

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72595 CARSWELL AFB TX 77-82 OCT
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		
OCT	00-02	100.0	100.0	99.8	97.0	88.1	73.8	48.5	22.7	3.9	59.1	930
	03-05	100.0	100.0	100.0	99.9	94.5	83.9	62.	33.9	5.2	73.7	93.
	06-08	100.0	100.0	100.0	99.6	96.1	85.2	68.4	39.9	7.1	75.4	93
	09-11	100.0	99.7	95.6	86.2	67.7	49.0	30.0	13.8	1.5	67.1	929
	12-14	100.0	97.0	83.6	60.0	39.5	23.7	14.4	5.5	.6	48.4	929
	15-17	100.0	95.6	79.	61.1	31.8	19.9	12.9	4.4	.9	45.3	929
	18-20	100.0	99.7	94.4	77.7	56.3	35.6	21.4	9.8	1.8	55.2	929
	21-23	100.0	100.0	99.7	93.3	78.1	58.1	33.9	15.4	1.6	63.7	93
	TOTALS	100.0	99.8	94.1	83.1	69.0	53.7	36.4	18.2	2.8	61.4	7435

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72259 CARSWELL AFB TX 73-82 NOV
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		
NOV	00-02	100.0	99.9	99.0	97.2	93.8	74.8	54.4	27.3	4.8	7[illegible].6	9[illegible]
	03-05	100.0	1[illegible]0.0	99.4	96.4	93.7	81.3	62.5	36.6	8.5	73.9	898
	06-08	100.0	100.0	99.3	98.6	94.4	86.2	67.0	42.4	11.6	75.8	897
	09-11	100.0	99.4	96.8	89.6	74.3	55.8	40.0	21.5	5.1	64.[illegible]	895
	12-14	100.0	98.4	86.3	66.6	45.4	31.4	20.2	10.7	1.8	51.7	899
	15-17	100.0	97.8	82.6	62.6	41.4	27.1	18.7	8.9	1.8	49.5	896
	18-20	100.0	100.0	96.9	85.4	66.9	46.8	28.1	14.2	3.0	59.8	897
	21-23	100.0	100.0	99.7	96.1	84.5	65.2	42.8	21.[illegible]	4.2	67.1	899
TOTALS		100.0	99.4	95.[illegible]	86.6	73.9	58.6	41.7	22.[illegible]	5.1	64.1	7183

USAFETAC FORM [illegible] 0-87-5 (OL A

SE RAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

72259S CARSWELL AFB TX 73-82 DEC
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS L.S.T.	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10	20	30%	40%	50%	60%	70	80	90		
DEC	00-02	100.0	99.0	97.6	94.4	80.9	63.3	44.	23.	6.	66.4	923
	03-05	100.0	99.3	98.3	95.6	86.5	70.1	53.8	30.0	8.5	69.8	923
	06-08	100.0	99.5	98.4	96.	89.9	72.9	57.9	34.2	10.5	71.5	921
	09-11	100.0	98.8	94.6	84.2	69.2	52.1	35.5	21.3	4.7	61.5	922
	12-14	99.8	95.2	78.7	58.2	39.3	25.5	16.6	9.5	2.5	48.	923
	15-17	99.9	93.2	72.1	49.5	33.3	21.6	14.4	8.7	3.8	45.2	922
	18-20	100.0	97.9	91.7	73.6	53.4	36.5	21.8	11.4	3.8	54.7	918
	21-23	100.0	99.2	97.6	90.4	70.9	53.1	33.4	17.1	4.2	62.2	919
	TOTALS	100.0	97.8	91.1	8. .2	65.4	49.4	34.7	19.3	5.5	59.9	7371

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

...AL CLIMATOLOGY BRANCH
...FETAC
...WEATHER SERVICE/MAC

RELATIVE HUMIDITY

...9... CARSWELL AFB TX 73-82 ALL
STATION STATION NAME PERIOD

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		
JAN	ALL	100.0	98.6	92.8	82.4	69.3	53.2	36.4	21.7	6.6	61.8	7438
FEB		100.0	97.6	91.6	83.2	69.6	55.4	35.9	18.9	6.9	61.4	6769
MAR		100.0	97.2	89.9	79.3	65.4	5[illegible].5	35.7	21.2	8.4	6[illegible].5	7477
APR		100.0	99.3	94.1	86.5	74.4	59.0	41.7	22.7	5.1	63.5	7174
MAY		100.0	100.0	99.1	94.9	85.2	66.4	49.5	28.5	7.4	69.9	7436
JUN		100.0	99.8	98.4	9[illegible].2	73.7	53.2	34.5	15.7	2.1	62.3	7192
JUL		1[illegible].0	99.4	91.8	76.3	55.9	38.1	23.1	7.4		54.7	7429
AUG		100.0	99.9	95.4	78.4	57.4	38.4	22.1	7.5	1.7	55.5	7429
SEP		100.0	100.0	97.2	87.3	7[illegible].9	52.9	35.6	18.[illegible]	4.4	62.3	7194
OCT		100.0	99.0	94.2	83.1	69.3	53.7	36.4	18.2	2.8	61.4	7435
NOV		100.0	99.4	95.[illegible]	86.6	73.9	58.6	41.7	22.8	5.1	64.1	7182
DEC		100.0	97.8	91.1	8[illegible].2	65.4	49.4	34.7	19.3	5.5	59.9	7371
TOTALS		100.0	99.0	94.2	83.9	67.2	52.4	35.6	18.5	4.6	61.4	87445

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

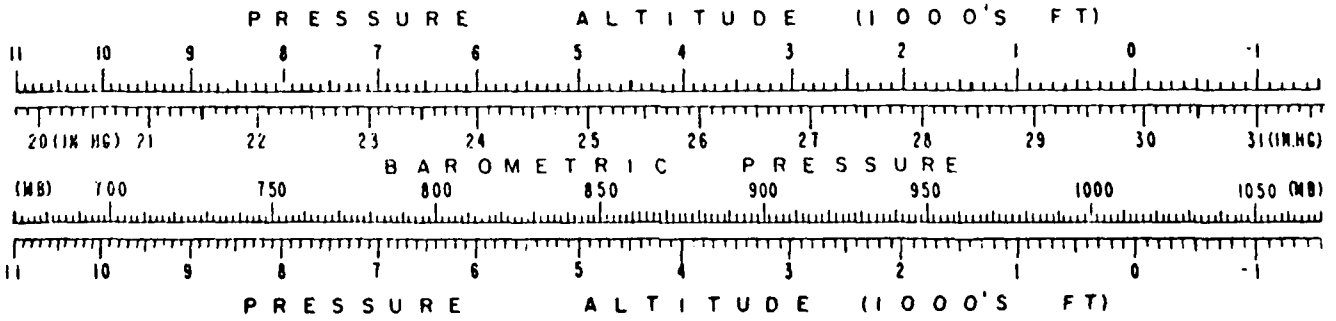
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided 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 for the period Jan 68 - Dec 70.

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.



F

...AL CLIMATOLOGY BRANCH
...FCTAC
...WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY DATA

...ORT ...CARSWELL AFB TX 73-82

...	...	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
...	MEAN	29.42629	.39729	.36129	.26129	.19029	.22929	.26429	.27429	.28029	.34129	.38229	.395	29.307
		.230	.220	.202	.174	.140	.111	.074	.070	.124	.161	.193	.224	.184
	TOTAL OBS	31	282	310	300	310	300	310	310	299	310	300	31	3061
...	MEAN	29.41729	.38729	.24129	.25029	.17629	.21929	.25629	.27029	.27829	.33729	.37529	.396	29.299
		.235	.222	.202	.176	.143	.115	.070	.070	.123	.162	.195	.228	.176
	TOTAL OBS	31	282	310	300	310	300	310	310	300	310	300	31	3063
...	MEAN	29.42229	.39629	.25829	.26929	.20129	.24729	.28329	.29329	.29629	.35829	.38429	.396	29.319
		.230	.220	.205	.178	.143	.112	.071	.072	.124	.164	.197	.228	.184
	TOTAL OBS	31	282	309	300	310	300	310	309	296	310	300	31	3048
...	MEAN	29.46129	.43529	.29829	.30329	.23029	.27529	.30929	.32029	.32329	.39629	.42329	.428	29.359
		.230	.224	.209	.181	.145	.115	.074	.072	.126	.166	.171	.230	.189
	TOTAL OBS	310	282	310	300	310	300	310	309	300	309	299	31	3040
...	MEAN	29.45129	.42829	.28129	.29729	.21429	.25729	.29129	.30129	.30629	.37229	.40029	.418	29.333
		.230	.225	.211	.183	.144	.114	.073	.073	.126	.165	.173	.233	.191
	TOTAL OBS	310	282	309	299	310	300	310	309	300	310	300	31	3040
...	MEAN	29.38629	.35629	.21229	.22629	.16429	.20329	.24029	.24229	.24729	.30729	.33629	.345	29.274
		.234	.219	.207	.182	.142	.111	.072	.072	.126	.161	.201	.233	.194
	TOTAL OBS	310	281	309	300	310	299	310	310	300	309	300	308	3045
...	MEAN	29.38929	.35329	.19929	.21529	.13829	.17629	.21029	.21629	.23629	.30229	.34229	.358	29.256
		.229	.218	.204	.179	.140	.112	.073	.072	.126	.162	.198	.223	.187
	TOTAL OBS	310	282	310	300	310	300	310	310	300	298	307	306	3045
...	MEAN	29.41729	.38529	.23629	.24529	.17029	.20429	.23929	.25329	.27429	.33829	.37429	.386	29.297
		.230	.214	.202	.176	.138	.112	.069	.071	.126	.162	.198	.222	.184
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3050
...	MEAN	29.42229	.39229	.24729	.25629	.18529	.22729	.26229	.27129	.28129	.34429	.37729	.387	29.314
		.233	.222	.207	.180	.145	.117	.077	.078	.126	.161	.200	.232	.188
	TOTAL OBS	2477	2255	2477	2399	2480	2399	2480	2477	2397	2476	2397	2472	29188

MEANS AND STANDARD DEVIATIONS

