AD-A131 188 FEUCHT AAF GERMANY (WEST) REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSE..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAY 83

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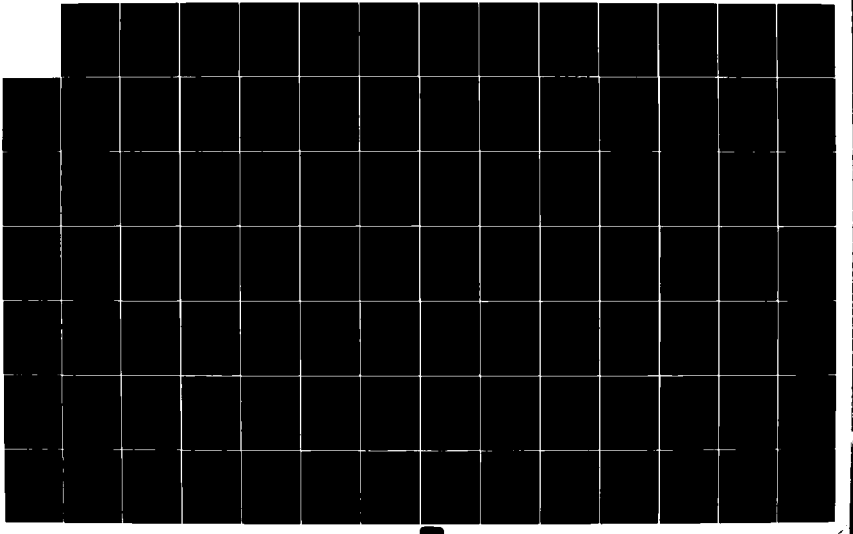

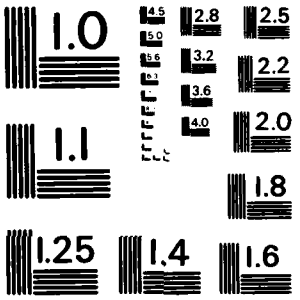

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AD A131188

(1)

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY O
SURFACE WEATHER OBSERVATIONS

MAY 0 1983

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10 MAY 1983

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REPORT DOCUMENTATION PAGE

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1 REPORT NUMBER: 83-012 USAFETAC/DS	2. GOVT ACCESSION NO.: AD-A131 188
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4. TITLE (and Subtitle): Revised Uniform Summary of Surface Weather Observations (RUSSWO)- FEUCHT AAF, GERMANY (WEST)	5 TYPE OF REPORT & PERIOD COVERED: Final rept
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18. SUPPLEMENTARY NOTES

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

FEUCHT AAF, GERMANY (WEST)

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DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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

*GERMANY (WEST)

*FEUCHT AAF
*

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.

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Since Feucht AAF, DL is a part time observing station, we partitioned the data to use only those observations from 0500Z to 1600Z. The hourly data 1600Z to 0400Z were not used in the production of this summary. This is done to reduce any bias in the summaries which could result from using those infrequent observations outside the normal operating hours.

This RUSSWO must be used with caution. The title page contains a stamped entry "Data Not Available" next to those summaries that are not included, i.e., 24-hour Precipitation. This station being closed on weekends and holidays obviously renders this summary as questionable (is the data for 24, 48 or 60 hours at beginning of new week?)

The remaining summaries contain serious misleading values that if used would present gross inaccurate climatology for the station, therefore the "ALL ALL" summaries were removed (because they do not represent the "ALL" hours summaries):

SECTION A Weather Conditions

SECTION C Surface Winds

SECTION D Ceiling Versus Visibility

SECTION E Psychrometric Summary and Relative Humidity

The remaining Hourly Summaries must be used with caution and the following values are TRUE: TOTALS, MEANS AND STANDARD DEVIATIONS. (The values are for 0500Z to 1600Z only and not for a 24 hour period).

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 OL-A standard products.

U.S. AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

DAILY OBSERVATIONS

DESCRIPTION OF SUMMARIES

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA DATA NOT AVAILABLE

PART B PRECIPITATION DATA NOT AVAILABLE

SNOWFALL DATA NOT AVAILABLE

SNOW DEPTH DATA NOT AVAILABLE

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX MIN & MEAN TEMP DATA NOT AVAILABLE

EXTREME MAX & MIN TEMP DATA NOT AVAILABLE

PSYCHROMETRIC DRY VS WET BULB

MEAN & STD DEV
DRY BULB WET BULB & DEW POINT

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE DATA NOT AVAILABLE

STANDARD 3-HOUR GROUPS

MISSING HOUR GROUPS

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
107640	FEUCHT AAF GERMANY	[illegible]	[illegible]	1265	[illegible]	107640

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.	FEUCHT, GERMANY	AAF	Jan68	Dec70	[illegible]	[illegible]	[illegible]	N/A	11 to 13
2.	SAME	Same	Jan71	Oct71	Same	Same	Same	N/A	11 to 13
3.	SAME	Same	Nov71	Dec72	Same	Same	1265	1245	24
4.	Same	Same	Dec 73	[illegible]	Same	Same	Same	[illegible]	11 to 13

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.	Jan68 to Aug69	Located 3/10 of a mile SW of Weather station	AN/GMQ-11	None	28ft	
2.	Sep69 to Dec70	Same	Same	[illegible]	Same	
3.	Jan71 to Dec73	Same	AN/GMQ-20	Same	30ft	
4.	Dec 73 to Oct 82	Same	Same	[illegible]	[illegible]	

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CONTINUED ON REVERSE SIDE

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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 68 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

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 categories summarized 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 categories 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.

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

WEATHER CONDITIONS

[illegible] FEUCHT AAF OL | 73-81 | JAN
STATION | 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
JAN	0-02												
	03-05												
	06-08	.1	11.5	1.2	13.1	.1	25.0	53.6	1.4			[illegible]	776
	09-11		11.3	1.1	16.2		26.5	45.8	7.2			[illegible]	797
	12-14		12.8	.5	14.3		25.5	28.7	13.2			41.9	795
	15-17		11.7		13.4		23.4	29.3	15.3			44.3	827
	18-20		12.7		9.9		19.9	45.9	10.5			56.4	181
	21-23												
TOTALS		.0	11.9	.6	13.4	.0	24.1	40.7	9.5			57.1	3176

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1 [illegible]	FEUCHT AAF DL	73-81	FEB
STATION	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												
	03-05												
	06-08		11.1	.1	9.7		19.8	54.3	4.7			[illegible]	[illegible]
	9-11		[illegible].9		11.9		21.2	36.8	14.6			51.[illegible]	[illegible]
	12-14		[illegible].1		9.1	.1	16.5	18.7	19.[illegible]			[illegible].7	756
	15-17		[illegible].4		1[illegible].3		17.4	13.4	17.6			31.[illegible]	58[illegible]
	18-20		[illegible].6		6.6		15.1	25.[illegible]	17.8			42.[illegible]	152
	21-23												
TOTALS			9.2	.0	9.5	.0	18.0	29.6	14.7			44.4	2985

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[illegible]FETAC
[illegible] WEATHER SERVICE/MAC

WEATHER CONDITIONS

1 [illegible]	FEUCHT AAF CL	73-81	MAR
STATION	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
MAR	[illegible]												
	[illegible]												
	[illegible]		10.5		7.5		16.7	47.[illegible]	5.5			[illegible]	[illegible]
	[illegible]-11		11.2		7.3		17.2	22.2	16.6			[illegible]	536
	12-14		9.3		4.8		13.[illegible]	7.9	15.3			23.2	836
	15-17		[illegible].2		3.5		12.8	5.1	15.[illegible]			[illegible]	665
	[illegible]-20		10.9		3.1		11.9	8.3	2[illegible].7			29.[illegible]	[illegible]93
	21-23												
TOTALS			[illegible]		5.[illegible]		14.3	18.1	14.7			[illegible]	3355

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USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

[illegible] FEUCHT AAF OL | 73-81 | APR
STATION | 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
APR	00-02												
	03-05												
	06-08		11.3		7.4		17.3	19.2	11.3			6.4	769
	09-11		7.8		5.8	.1	15.3	9.9	14.5			24.4	808
	12-14	.2	12.2		6.0		16.0	2.2	4.3			8.8	806
	15-17	1.0	11.8		3.6	.2	13.8	2.0	3.0			4.8	817
	18-20		15.8		2.8		17.3	1.1	2.8			7.9	179
	21-23												
TOTALS		.2	12.3		5.1	.1	15.9	11.9	7.2			16.0	3202

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
1[illegible]	FRUCHT AAF OL	73-81	MAY

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
MAY	0-02												
	03-0[illegible]												
	6-[illegible]		13.9		.4		14.1	26.9	10.7			37.6	813
	9-11	.1	10.1		.1		10.1	4.8	12.4			17.2	821
	12-14	.7	11.8		.1		11.8	.9	5.3			6.1	819
	15-17	1.5	10.1		.2		10.1	1.2	3.8			5.[illegible]	604
	18-2[illegible]	2.9	9.9		.6		9.9	1.2	4.7			5.8	172
	21-23												
TOTALS		1.0	11.2		.3		11.2	7.0	7.4			14.3	3229

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
1 [illegible]	FEUCHT AAF DL	73-81	JUN

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
JUN	00-02												
	3-05												
	6-[illegible]	.3	13.4				13.4	[illegible]	12.4			[illegible]	[illegible]
	[illegible]-11	.1	8.6				8.6	7.[illegible]	9.3			16.3	[illegible]
	12-14	1.9	8.8				8.8	1.2	3.9			5.1	[illegible]
	15-17	3.4	11.5				11.5	.5	1.6			[illegible]	[illegible]
	18-2[illegible]	3.4	13.[illegible]				13.[illegible]	1.7	2.3			4.[illegible]	177
	21-23												
TOTALS		1.8	11.1				11.1	7.8	5.9			13.7	3166

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

WEATHER CONDITIONS

[illegible] STATION | [illegible] FRUCHT AAF [illegible] STATION NAME | 73-81 YEARS | JUL 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
JUL	[illegible]												
	[illegible]												
	[illegible]	.2	12.2				12.2	73.7	1[illegible].9			4.5	[illegible]
	8-11	.2	12.1				12.1	9.1	10.7			19.2	835
	11-14	1.7	13.7				13.7	2.9	4.1			7.1	827
	14-17	1.6	11.1				11.1	3.5	2.4			5.9	824
	17-20	2.3	5.8				5.8	5.2	2.9			8.1	173
	21-23												
TOTALS		1.2	11.[illegible]				11.[illegible]	10.9	6.2			17.1	3[illegible]4

USAFETAC FORM JULY 64 0-10 5[illegible]OL A[illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1 [illegible] FEUCHT AAF IL 73-81 AUG
STATION 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 OBS' TO VISION	TOTAL NO OF OBS
AUG	02-02												
	03-05												
	6-08	.2	6.4				6.4	43.0	9.7			[illegible]	[illegible]
	9-11	.2	7.1				7.1	14.2	13.6			[illegible]	[illegible]
	12-14	.8	7.5				7.5	2.8	11.8			14.6	836
	15-17	3.0	8.6				8.6	2.3	7.2		.2	9.7	641
	18-20	2.2	9.3				9.3	2.7	8.2			[illegible]	[illegible]
	21-23												
TOTALS		1.3	8.2				8.2	13.0	10.1		.0	27.1	3315

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	FEUCHT AAF DL	73-81	SEP

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	0-[illegible]												
	3-[illegible]												
	[illegible]		9.3				9.3	56.4	4.6			61.[illegible]	[illegible]
	[illegible]-1[illegible]		6.4				6.4	[illegible].2	19.6			4[illegible]	[illegible]
	10-14	.5	8.4				8.4	4.2	15.7			19.9	[illegible]09
	15-17	1.3	[illegible]				8.2	2.5	9.9			12.4	597
	18-2[illegible]	1.9	1[illegible]				10.[illegible]	5.6	11.3			16.9	16[illegible]
	21-23												
TOTALS		.7	8.9				8.9	17.8	12.3			[illegible]	3174

USAFETAC FORM JULY 64 0-10 5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

OL PAL CLIMATOLOGY BRANCH
USETAC
AT WEATHER SERVICE/MAC

WEATHER CONDITIONS

[illegible] FEUCHT AAF OL (STATION / STATION NAME) 73-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	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
OCT	0-02												
	3-05												
	6-08		12.4		.1		12.4	61.3	1.5			62.8	319
	09-11	.1	13.7		.7		13.7	36.7	11.5			48.2	933
	12-14		13.4		1.2	.1	13.6	14.1	13.3			27.4	936
	15-17		14.7				14.3	9.8	11.2			20.6	644
	18-20		10.3				10.3	31.3	19.5			48.8	174
	21-23												
TOTALS		.0	12.9		.4	.0	12.8	28.6	11.4			40.2	3332

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

WEATHER CONDITIONS

[illegible]	FEUCHT AAF DL	73-81	NOV
STATION	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
NOV	0-02												
	3-05												
	6-08		12.7		7.9		19.7	[illegible].2	1.5			51.7	797
	9-11		13.3		1[illegible].6		22.1	37.9	6.5			44.3	[illegible]
	12-14		11.9		7.7		16.1	22.9	1[illegible].5			33.4	[illegible]
	15-17		12.6		5.6		17.1	22.2	10.4			32.6	585
	18-20		11.3		5.6		16.3	3[illegible].0	1[illegible].[illegible]			4[illegible].[illegible]	16[illegible]
	21-23												
TOTALS			1[illegible].3		7.5		16.7	32.6	7.8			4[illegible].4	315[illegible]

USAFETAC FORM JULY 64 0-10-5(OL A). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

WEATHER CONDITIONS

1 [illegible] FEUCHT AAF OK | 73-81 | DEC
STATION / 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	0-03												
	4-07												
	08-10		13.2	.9	15.[illegible]		27.2	42.5	1.3			47.7	775
	11-11		10.4	1.3	15.6		26.2	34.1	5.7			39.3	825
	12-14		10.9	.6	10.6		21.3	24.5	7.7			32.2	821
	15-17		1[illegible].6	.5	10.1		20.3	26.2	6.1			34.3	606
	18-20		12.7		9.2		21.1	33.8	4.9			38.7	142
	21-23												
TOTALS			11.8	.8	12.1		23.2	32.2	5.5			37.7	3169

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	FEUCHT AAF DL	73-81	ALL

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	ALL	.0	11.9	.6	13.4	.0	24.1	40.7	9.5			[illegible].1	3176
FEB			[illegible].2	.0	[illegible]	.0	18.0	29.6	14.7			44.4	2985
MAR			1[illegible].5		5.2		14.3	18.1	14.7			[illegible]	3[illegible]5
APR		.2	12.3		5.1	.1	15.9	10.9	7.2			1[illegible]	3[illegible]
MAY		1.0	11.2		.3		11.2	7.0	7.4			14.3	3029
JUN		1.8	11.1				11.1	7.8	5.9			13.7	3186
JUL		1.2	11.[illegible]				11.[illegible]	10.9	6.2			17.1	3274
AUG		1.3	8.2				8.2	13.0	10.1		.0	23.1	3315
SEP		.7	8.9				8.9	17.8	12.3			[illegible]	3174
OCT		.0	12.8		.4	.0	12.8	28.6	11.4			40.0	3302
NOV			1[illegible].3		7.5		18.7	32.6	7.8			40.4	315[illegible]
DEC			11.[illegible]	.5	12.1		23.2	32.2	5.5			37.7	3169
TOTALS		.5	10.9	.1	4.5	.0	14.8	20.8	9.4		.0	3[illegible].1	385[illegible]7

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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."

C

*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.

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FRUCHT AAF DL	73-81	JAN

CLASS: ALL WEATHER

HOURS (L S T): [illegible]

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible].2	[illegible]	.1									[illegible]	[illegible]
NNE	.4	.4										[illegible]	[illegible]
NE	.5	.3										1.[illegible]	3.4
ENE	[illegible].2	.4	.4									1.9	3.6
E	[illegible].1	.6	.5									4.3	3.[illegible]
ESE	[illegible]	.3										1.[illegible]	2.5
SE	[illegible]	1.2										4.1	2.[illegible]
SSE	[illegible].6	3.[illegible]										[illegible].5	2.8
S	[illegible].7	4.4	.4									11.[illegible]	3.3
SSW	[illegible].2	1.4	.1									4.[illegible]	2.9
SW	[illegible].[illegible]	1.[illegible]	.1									[illegible]	[illegible]
WSW	[illegible].1	1.3										[illegible].4	2.[illegible]
W	1.[illegible]	4.3	2.8	.4								[illegible].3	6.[illegible]
WNW	1.[illegible]	.6	1.9	.3								3.9	[illegible].4
NW	.1	1.[illegible]	.1									1.3	5.[illegible]
NNW	.[illegible]	.4										[illegible]	4.[illegible]
VARBL			4.[illegible]	[illegible]	.1							[illegible]	1[illegible].4
CALM												[illegible]	
	[illegible].6	21.3	11.5	3.6	.1							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

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GLOBAL CLIMATOLOGY BRANCH
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SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FEUCHT AAF DL	73-81	JAN

CLASS: ALL WEATHER

HOURS (L S T): [illegible]-11[illegible]

CONDITION:

SPEED KNTS DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.[illegible]										1.[illegible]	3.[illegible]
NNE	.1	.3										.[illegible]	[illegible].7
NE	.[illegible]											.[illegible]	2.[illegible]
ENE	.[illegible]	.4	.3									1.4	4.[illegible]
E	.1	2.[illegible]	.6	.1								[illegible].4	4.1
ESE	1.[illegible]	1.3	.1									2.[illegible]	3.[illegible]
SE	4.1	2.[illegible]	.1									6.3	2.9
SSE	5.[illegible]	3.8										9.7	3.2
S	[illegible].8	4.5	.4									12.7	3.3
SSW	[illegible]	2.[illegible]										[illegible].6	[illegible].4
SW	1.1	1.[illegible]	.3									2.[illegible]	3.[illegible]
WSW	1.9	3.[illegible]	.3									[illegible].1	3.[illegible]
W	1.[illegible]	2.[illegible]	3.5	.6	.3							[illegible].5	6.6
WNW	.4	1.4	2.[illegible]	.8								4.5	7.5
NW		.4	.4	.3								1.[illegible]	6.5
NNW	.[illegible]	.[illegible]	.1	.1								[illegible]	4.6
VARBL			0.4	2.3								[illegible].7	9.6
CALM												[illegible]1.[illegible]	
	32.[illegible]	28.[illegible]	14.4	4.1	.[illegible]							[illegible]	3.8

TOTAL NUMBER OF OBSERVATIONS 797

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

2

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]CHT AAF [illegible]	73-81	JA[illegible]

CLASS: ALL WEATHER

HOURS (L S T): [illegible]-14[illegible]

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]	.[illegible]	.1									2.[illegible]	3.1
NNE	.4	.[illegible]	.1									1.4	4.4
NE	.[illegible]	.[illegible]										1.[illegible]	[illegible]
ENE	.[illegible]	.[illegible]	.3									1.9	4.[illegible]
E	1.[illegible]	1.[illegible]	1.4	.1								[illegible].2	5.[illegible]
ESE	1.[illegible]	2.[illegible]	.1									4.[illegible]	3.[illegible]
SE	[illegible].7	3.5										5.9	3.[illegible]
SSE	4.[illegible]	[illegible]	.5									9.[illegible]	3.[illegible]
S	4.2	4.[illegible]	.4									[illegible]	3.[illegible]
SSW	[illegible]	2.[illegible]	.1									[illegible].4	3.[illegible]
SW	1.[illegible]	[illegible]	.1									4.5	4.[illegible]
WSW	1.[illegible]	2.[illegible]	.5									4.5	4.3
W	1.[illegible]	5.[illegible]	4.3	.5	.3	.1						11.4	7.[illegible]
WNW	.[illegible]	1.[illegible]	2.3	.8	.1							5.3	7.[illegible]
NW	.[illegible]	1.[illegible]	.9	.3								2.4	6.[illegible]
NNW	.4	1.[illegible]	.1		.1							[illegible]	5.[illegible]
VARBL			7.[illegible]	1.9	.3							[illegible].2	9.[illegible]
CALM												12.2	
	[illegible].7	35.5	18.2	3.5	.8	.1						[illegible]	4.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

2

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	77-81	JAN

CLASS: ALL WEATHER

HOURS (L S T): [illegible]

CONDITION:

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	.2									[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									1.1	[illegible]
NE	[illegible]	1.9										[illegible]	[illegible]
ENE	[illegible]	[illegible]										1.3	3.6
E	[illegible]	[illegible]	.3									[illegible]	[illegible]
ESE	[illegible]	[illegible]										[illegible]	3.1
SE	[illegible]	[illegible]	.2									[illegible]	[illegible]
SSE	[illegible]	[illegible]	.2									10.4	3.6
S	[illegible]	5.1	.2									[illegible]	[illegible]
SSW	[illegible]	[illegible]	.3									4.3	3.6
SW	[illegible]	1.1										3.7	[illegible]
WSW	[illegible]	2.4	.2									[illegible]	[illegible]
W	[illegible]	[illegible]	3.2	.5								[illegible]	[illegible]
WNW	[illegible]	1.[illegible]	2.2	1.1								4.3	[illegible]
NW	[illegible]	.3	.9									1.8	[illegible]
NNW	1.4	[illegible]	.6	.2								[illegible]	[illegible]
VARBL			4.3	1.6								5.9	9.5
CALM												[illegible]	
	[illegible]	[illegible]	12.8	3.4								[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS: 6[illegible]6

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

2

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

SURFACE WINDS

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

... CAPT AAF, AL (STATION / STATION NAME) ... (YEARS) ... JAN (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	1.3	.5	.1									.7	2.7
NNE	.5	.5	.1									.7	3.2
NE	.7	.8										1.4	3.5
ENE	.3	.7	.3									1.3	4.7
E	1.2	1.6	.7	.1								3.6	4.1
ESE	1.1	1.8	.1									3.1	3.4
SE	.8	2.1	.1									3.4	3.1
SSE	.7	.7	.7									2.1	3.7
S	.6	4.8	.3									5.7	3.5
SSW	.4	2.2	.1									2.7	3.4
SW	1.3	1.5	.1									2.9	3.2
WSW	1.5	2.3	.2									4.0	3.7
W	.8	4.	3.5	.5	.1	.1						10.0	6.4
WNW	.3	1.2	2.1	.7	.1							4.5	7.5
NW	.7	.7	.5	.1								1.1	6.3
NNW	.7	1.0	.3	.1								2.3	4.8
VARBL			.6	2.1	.1							2.8	2.7
CALM												20.5	
	21.7	32.3	14.1	3.5	.3	.1						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS ... 2175

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

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FEUCHT AAF DL	77-91	FEB

CLASS: ALL WEATHER

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

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.[illegible]	1.6										[illegible]	[illegible]
NNE	.[illegible]	.4	.1									[illegible]	[illegible]
NE	1.4	1.4	.3									[illegible]	[illegible]
ENE	.[illegible]	.[illegible]	.7									2.4	4.[illegible]
E	1.[illegible]	[illegible].4	.5	.1								[illegible].7	4.[illegible]
ESE	[illegible]	.9	.1									[illegible]	[illegible]
SE	[illegible].7	.[illegible]										4.[illegible]	2.4
SSE	[illegible].1	2.4										[illegible]	2.[illegible]
S	[illegible].0	3.[illegible]	.1									[illegible].1	[illegible]
SSW	[illegible].4	.4	.4									[illegible]	[illegible]
SW	[illegible]	1.6										[illegible].4	[illegible]
WSW	1.1	1.[illegible]	.1									[illegible]	3.[illegible]
W	1.8	2.6	1.2									[illegible].5	4.[illegible]
WNW	.4	.7	.9									[illegible]	5.[illegible]
NW	.1	.3	.1									.5	[illegible]
NNW	[illegible]	1.2										[illegible]	[illegible]
VARBL			[illegible].1	.3								3.4	[illegible]
CALM												[illegible]	
	35.7	22.9	7.8	.4								[illegible]	2.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

2

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] AAF OL	77-81	[illegible]

CLASS: ALL WEATHER

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

CONDITION:

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	2.	.1									[illegible]	[illegible]
NNE	[illegible]	1.[illegible]	.4									[illegible]	[illegible]
NE	[illegible].1	1.[illegible]	.4									[illegible]	[illegible]
ENE	[illegible]	1.3	1.1	.1								[illegible]	[illegible]
E	[illegible]	4.	2.[illegible]	.3								[illegible]	[illegible]
ESE	[illegible].1	2.1	.1									[illegible]	[illegible]
SE	[illegible].4	1.[illegible]	.3									[illegible]	[illegible]
SSE	[illegible]	[illegible]										[illegible]	[illegible]
S	[illegible].7	[illegible]	.5									[illegible]	[illegible]
SSW	[illegible]	[illegible]	.1									[illegible]	[illegible]
SW	[illegible]	1.[illegible]	.3									[illegible]	[illegible]
WSW	[illegible]	2.[illegible]	.1									[illegible]	[illegible]
W	[illegible]	4.[illegible]	1.1	.3		.[illegible]						[illegible]	5.[illegible]
WNW	[illegible]	[illegible]	1.1	.[illegible]								1.[illegible]	7.[illegible]
NW	[illegible]	.3	.3									[illegible]	[illegible]
NNW	1.[illegible]	[illegible]	.1									[illegible]	[illegible]
VARBL		.4	[illegible].1	.7	.1							[illegible]	[illegible]
CALM												[illegible]	
	[illegible].4	32.7	13.1	1.5	.1	.1						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 753

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

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] AAF [illegible]	73-81	[illegible]

CLASS: ALL WEATHER

HOURS (L S T): [illegible]-14[illegible]

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.5	.7									[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	5.1
NE	.7	1.3	.7									[illegible]	5.6
ENE	.4	2.1	1.1									[illegible]	[illegible]
E	[illegible]	4.1	2.2	.1								8.9	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	4.6
SE	[illegible]	3.3	[illegible]									[illegible]	4.1
SSE	[illegible]	[illegible]										7.3	[illegible]
S	3.7	2.4	.1									[illegible]	3.4
SSW	[illegible]	[illegible]	.1									4.2	[illegible]
SW	1.9	2.6										4.5	[illegible]
WSW	[illegible]	2.5	.3									[illegible]	[illegible]
W	[illegible]	3.6	2.6	.5	.1							[illegible]	6.3
WNW	1.1	[illegible]	1.7	.3								4.3	6.1
NW	.3	[illegible]	[illegible]									1.6	[illegible]
NNW	[illegible]	2.4	.5									4.6	[illegible]
VARBL			11.5	1.1								12.6	[illegible]
CALM												6.2	
	[illegible].6	41.5	23.5	[illegible]	.1							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 756

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

OL BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

1 [illegible] | BEDFORD AAF MA | 72-81 | 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	[illegible]	2.1	.3									[illegible]	4.[illegible]
NNE	.[illegible]	1.[illegible]	.5									[illegible]	4.7
NE	.[illegible]	.9	.5									1.1	4.6
ENE	.7	4.	1.2									[illegible]	5.[illegible]
E	.[illegible]	3.5	2.8	.2								[illegible]	5.[illegible]
ESE	1.[illegible]	3.1	.5									5.4	4.3
SE	1.4	2.1										3.5	3.9
SSE	[illegible]	[illegible]	.2									5.[illegible]	[illegible]
S	[illegible]	2.[illegible]										5.6	3.[illegible]
SSW	3.[illegible]	1.2	.3									[illegible]	[illegible]
SW	[illegible]	1.4										[illegible]	3.7
WSW	.[illegible]	2.1	.7									4.7	4.1
W	[illegible]	5.6	2.1	.5								1[illegible].4	5.[illegible]
WNW	.[illegible]	2.4	2.1									[illegible].4	6.[illegible]
NW	.2	1.4	.2									[illegible]	[illegible]
NNW	1.[illegible]	1.[illegible]	1.2									4.5	4.[illegible]
VARBL			[illegible]	1.4	.2							[illegible]	[illegible]
CALM												7.8	
	.[illegible]	29.[illegible]	22.9	2.1	.2							1[illegible].[illegible]	4.5

TOTAL NUMBER OF OBSERVATIONS [illegible]7[illegible]

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

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

SURFACE WINDS

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

... AIRPORT AAF, IL — STATION NAME — 77-81 YEARS — FEB 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	.7	1.7	.3									2.7	3.4
NNE	.3	1.	.5									1.8	4.5
NE	.	1.7	.4									2.1	4.2
ENE	.7	2.	1.1	.2								3.9	5.7
E	.2	3.7	1.8	.2								5.9	5.2
ESE	1.2	2.7	.7									4.7	4.2
SE	.7	1.2	.2									2.1	3.7
SSE	.5	2.	.									2.5	3.3
S	.7	2.2	.2									3.1	3.1
SSW	.	1.	.2									1.3	3.4
SW	.2	1.7	.1									2.0	3.7
WSW	1.2	2.1	.7									4.0	4.2
W	2.2	3.2	1.8	.3	.2	.2						7.9	5.4
WNW	.2	1.3	1.3	.1								2.9	6.1
NW	.2	.2	.3									1.4	4.5
NNW	1.	1.6	.4									3.0	4.1
VARBL		.1	.6	.2	.1							1.0	6.2
CALM												16.2	
	6.4	33.3	13.8	1.4	.1	.2						100.2	3.8

TOTAL NUMBER OF OBSERVATIONS 1998

2

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

SURFACE WINDS

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

[illegible] (STATION) FEUCHT AAF OL (STATION NAME) 73-81 (YEARS) MAR (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	[illegible]	2.7	.2									4.2	[illegible]
NNE	[illegible]	.6	.1									[illegible]	[illegible]
NE	1.1	[illegible]	.6	.1								[illegible]	4.9
ENE	1.2	1.3	1.5	.2								4.2	5.5
E	.1	1.2										3.3	[illegible]
ESE	[illegible]	1.1										3.5	2.9
SE	[illegible]	.5										4.2	2.3
SSE	5.7	2.1										7.8	2.5
S	[illegible].6	2.5	.1									10.3	2.7
SSW	[illegible].3	1.2										4.[illegible]	2.[illegible]
SW	1.3	[illegible]										2.[illegible]	2.[illegible]
WSW	[illegible].2	1.2										4.4	2.7
W	1.6	3.5	1.1	.1	.1							6.4	5.4
WNW	.5	1.5	.8	.1	.1							3.[illegible]	6.3
NW	.2	[illegible]	.1									1.2	4.9
NNW	1.1	.5	.5									2.1	3.[illegible]
VARBL			2.9	.2	.2							[illegible].4	9.[illegible]
CALM												[illegible]	
	[illegible].7	22.2	8.[illegible]	.8	.5							[illegible]	2.6

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

2

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
1	FEUCHT AAF OL	77-81	MA[illegible]

CLASS: ALL WEATHER

HOURS (L.S.T.): [illegible]-11[illegible]

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	1.4	.7									[illegible]	4.5
NNE	1.1	.7	.2	.4								[illegible]	5.[illegible]
NE	.6	.8	.7	.2								2.4	6.5
ENE	.5	1.[illegible]	1.7	.4								4.[illegible]	6.5
E	[illegible]	3.7	1.2	.4								5.[illegible]	6.[illegible]
ESE	[illegible]	2.5	.1									[illegible]	3.[illegible]
SE	3.1	2.[illegible]	.[illegible]									[illegible]	3.[illegible]
SSE	3.8	2.9	.1									6.[illegible]	[illegible]
S	4.[illegible]	4.4	.1									[illegible]	3.5
SSW	[illegible]	3.7										[illegible]	[illegible]
SW	1.9	1.9										[illegible]	[illegible]
WSW	1.7	3.1	.5									[illegible]	4.5
W	2.4	3.[illegible]	1.1	.1								[illegible]	5.[illegible]
WNW	.5	2.4	1.9	.[illegible]								[illegible]	6.[illegible]
NW	.[illegible]	1.1	.6	.1								[illegible]	6.[illegible]
NNW	1.[illegible]	1.[illegible]	.6									3.5	4.[illegible]
VARBL			11.4	7.2	.1							14.7	9.5
CALM												5.7	
	2[illegible].5	3[illegible].9	[illegible].8	5.[illegible]	.1							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 OL-A 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	STATION NAME	YEARS	MONTH
[illegible]	FEUCHT AAF DL	73-81	MAR

CLASS: ALL WEATHER

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

CONDITION:

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	1.7	.4	.1								[illegible]	[illegible]
NNE	.[illegible]	1.[illegible]	.[illegible]	.1								[illegible]	5.7
NE	.[illegible]	1.1	1.[illegible]	.1								[illegible]	[illegible]
ENE	.[illegible]	1.7	1.2	.4								3.7	6.9
E	[illegible]	2.[illegible]	1.1	.2								4.[illegible]	[illegible]
ESE	1.4	2.[illegible]	.4									4.6	4.5
SE	[illegible].1	3.6	.5									5.1	4.[illegible]
SSE	1.7	2.6	.1									4.4	4.1
S	[illegible].2	2.5	.2									4.[illegible]	4.5
SSW	1.[illegible]	4.[illegible]										[illegible].6	4.3
SW	.[illegible]	2.[illegible]	.5									4.1	4.[illegible]
WSW	[illegible].2	4.[illegible]	.2									5.4	4.5
W	1.[illegible]	[illegible].1	1.7	.2								9.[illegible]	5.[illegible]
WNW	.[illegible]	[illegible].2	2.[illegible]	.4	.1							6.7	6.3
NW	.[illegible]	2.5	.6	.[illegible]								4.2	5.3
NNW	[illegible].1	2.4	1.2									4.7	5.1
VARBL		.1	17.[illegible]	5.9	.1							23.1	9.1
CALM												1.7	
	17.[illegible]	44.4	29.[illegible]	[illegible].7	.[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 535

USAFETAC FORM JUL 64 [illegible] 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)

STATION	STATION NAME	YEARS	MONTH
[illegible]	FEUCHT AAF DL	73-81	MAR

CLASS: ALL WEATHER

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

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	1.4	1.2									[illegible]	5.7
NNE	[illegible]	1.4	1.4	.3								[illegible]	6.1
NE	[illegible]	1.1	.6	.6								[illegible]	[illegible]
ENE	[illegible]	2.3	1.4	.6								4.5	[illegible]
E	[illegible]	2.6	1.5	.5								6.2	5.5
ESE	2.4	[illegible]	.3									6.5	[illegible]
SE	[illegible]	[illegible]										[illegible]	3.9
SSE	1.2	2.6										[illegible]	[illegible]
S	[illegible]	[illegible]	.2									[illegible]	[illegible]
SSW	[illegible]	[illegible]	.3									4.5	[illegible]
SW	[illegible]	2.1										[illegible]	[illegible]
WSW	[illegible]	[illegible]	.3									[illegible]	4.1
W	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WNW	[illegible]	3.3	4.1	.5								[illegible]	[illegible]
NW	1.1	2.3	1.1	.2								4.5	[illegible]
NNW	1.4	[illegible]	.9	.2								4.4	4.8
VARBL			[illegible]	4.1	[illegible]							[illegible]	[illegible]
CALM												[illegible]	
	[illegible]	41.3	27.8	7.1	.2							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM 0-8-5 OL-A JUL 64 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	STATION NAME	YEARS	MONTH
[illegible]	FREIGHT AAF KY	73-81	MAY

CLASS: ALL WEATHER
HOURS (L S T): 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	1.1	1.3	.6	.2								3.2	4.5
NNE	.8	1.3	.6	.2								2.9	5.1
NE	.7	1.0	.7	.2								2.7	5.4
ENE	.7	1.8	1.3	.4								4.2	6.7
E	1.5	2.3	.9	.2								4.9	5.2
ESE	1.2	2.4	.2									4.8	3.8
SE	2.4	2.2	.2									4.8	3.6
SSE	2.2	2.4	.1									4.7	3.2
S	3.7	2.9	.1									6.8	3.4
SSW	2.2	2.9	.1									5.1	3.3
SW	1.2	1.8	.1									3.1	3.9
WSW	1.8	2.7	.2									4.7	4.2
W	2.2	4.9	1.4	.1	.0							8.7	5.1
WNW	.9	2.3	2.1	.4	.1							5.8	6.5
NW	.6	1.6	.6	.1								2.9	5.4
NNW	1.2	1.7	.7	.2								3.7	4.6
VARBL		.2	1.5	3.2	.1							13.9	2.2
CALM												11.6	
	31.6	36.2	20.5	4.9	.2							100.2	4.2

TOTAL NUMBER OF OBSERVATIONS 7345

2

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FEUCHT AAF DL	77-81	APR

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	3.7	.4									[illegible]	[illegible]
NNE	[illegible]	1.3	.8									3.5	4.1
NE	[illegible]	1.7	.6									[illegible]	[illegible]
ENE	[illegible]	.6	.9									[illegible]	[illegible]
E	[illegible]	1.[illegible]	.3									3.5	[illegible]
ESE	1.[illegible]	[illegible]										[illegible]	2.7
SE	[illegible]	[illegible]	.1									1.5	2.[illegible]
SSE	4.3	[illegible]										[illegible]	2.1
S	4.[illegible]	1.9										6.5	2.[illegible]
SSW	[illegible]	[illegible]	.1									[illegible]	2.9
SW	1.[illegible]	.5	.1									[illegible]	[illegible]
WSW	[illegible]	1.[illegible]										[illegible]	[illegible]
W	1.[illegible]	2.6	.9	.5	.1							[illegible]	5.6
WNW	.4	[illegible]	1.3	.1								[illegible]	6.4
NW	[illegible]	1.1	.6									[illegible]	4.7
NNW	[illegible]	3.4	1.1									7.1	4.7
VARBL			3.[illegible]	.5								4.4	9.4
CALM												[illegible]	
	[illegible]	22.5	11.0	1.1	.1							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 739

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

2

[illegible]RAL CLIMATOLOGY BRANCH
[illegible]FETAC
[illegible]EATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]UCHT AAF DL	[illegible]	[illegible]

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	2.4									[illegible]	[illegible]
NNE	[illegible]	2.[illegible]	1.4									[illegible]	4.7
NE	[illegible]	1.2	.7	.1								[illegible]	[illegible]
ENE	[illegible]	2.[illegible]	1.2	.4								[illegible]	[illegible]
E	[illegible]	2.[illegible]	1.5	.4								[illegible]	[illegible].6
ESE	[illegible].2	[illegible]	.1									[illegible]	4.7
SE	[illegible]	1.7										[illegible]	[illegible]
SSE	1.6	2.1										[illegible]	[illegible]
S	[illegible]	2.1	.2									[illegible]	[illegible]
SSW	[illegible].1	1.7	.4	.1								[illegible]	4.[illegible]
SW	[illegible].2	1.2	.5									[illegible]	[illegible]
WSW	[illegible].1	2.[illegible]	.5									[illegible]	4.[illegible]
W	1.[illegible]	4.[illegible]	1.7	.2	.2							[illegible].7	[illegible]
WNW	[illegible]	2.[illegible]	1.[illegible]	.7	.1							[illegible].5	[illegible]
NW	[illegible].6	1.[illegible]	1.5	.5								[illegible]	[illegible]
NNW	[illegible].1	3.[illegible]	2.1	.1								[illegible]	[illegible]
VARBL		[illegible].1	14.[illegible]	1.6								[illegible]	[illegible]
CALM												4.[illegible]	
	[illegible].3	[illegible].1	3[illegible].4	4.[illegible]	.4							[illegible]	[illegible].4

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

2

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

SURFACE WINDS

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

[illegible] STATION | [illegible] STATION NAME | [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	.7	[illegible]	2.2									[illegible]	5.8
NNE	[illegible]	[illegible]	1.1									[illegible]	6.[illegible]
NE	[illegible]	1.4	1.1	[illegible]								[illegible]	6.[illegible]
ENE	[illegible]	1.[illegible]	1.6	[illegible]								[illegible]	5.1
E	[illegible]	[illegible]	.7	.4								[illegible]	5.1
ESE	1.4	7.6	.2									[illegible]	4.[illegible]
SE	[illegible]	1.2										1.7	4.2
SSE	1.7	1.[illegible]	.1									[illegible]	[illegible].4
S	.7	1.[illegible]	[illegible]									[illegible]	4.[illegible]
SSW	[illegible]	1.[illegible]	.6									[illegible]	5.[illegible]
SW	[illegible]	1.[illegible]	.2									[illegible]	4.5
WSW	1.[illegible]	2.[illegible]	.4									4.7	4.[illegible]
W	1.[illegible]	[illegible]	1.2	.9								9.3	5.[illegible]
WNW	[illegible]	2.[illegible]	[illegible]	.7								7.1	7.[illegible]
NW	[illegible]	[illegible].1	1.7	[illegible]								6.2	6.5
NNW	1.1	4.[illegible]	2.1	.4								7.8	5.[illegible]
VARBL			[illegible].7	3.5								[illegible]2.[illegible]	6.[illegible]
CALM												1.4	
	[illegible].5	4[illegible].6	3[illegible].5	7.1								[illegible]	6.2

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] JUL 64 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	STATION NAME	YEARS	MONTH
[illegible]	FLUGHT AAF DL	77-81	APR

CLASS: ALL WEATHER

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

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]	5.3	1.[illegible]	.[illegible]								7.8	4.[illegible]
NNE	.[illegible]	1.3	1.5	.2								4.[illegible]	5.4
NE	.[illegible]	1.[illegible]	1.7	.2								4.[illegible]	6.[illegible]
ENE	.[illegible]	2.[illegible]	2.[illegible]	.2								5.3	6.[illegible]
E	[illegible]	3.7	.5	.3								6.[illegible]	4.3
ESE	[illegible].3	1.2	.5									4.[illegible]	3.9
SE	.7	1.7	.2									[illegible]	4.5
SSE	1.2	.[illegible]										[illegible]	[illegible]
S	.7	1.7	.2									[illegible]	4.[illegible]
SSW	1.2	2.7	.3									4.1	4.[illegible]
SW	.7	1.[illegible]	.5									[illegible].3	5.3
WSW	.[illegible]	2.[illegible]	.3	.2								[illegible].3	4.7
W	[illegible].2	[illegible].6	[illegible].2	1.[illegible]								11.[illegible]	6.1
WNW	.[illegible]	[illegible]	2.8	.5								7.3	6.[illegible]
NW	1.[illegible]	[illegible]	2.[illegible]	.[illegible]								7.[illegible]	6.5
NNW	1.2	3.7	2.8									7.1	6.[illegible]
VARBL			1[illegible].4	1.3								16.7	6.[illegible]
CALM												1.8	
	[illegible].2	4[illegible].[illegible]	34.[illegible]	4.8								[illegible]	6.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

2

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]LIGHT AAF [illegible]	77-81	APR

CLASS: ALL WEATHER

HOURS (L.S.T.): 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	[illegible].3	3.[illegible]	1.4	.[illegible]								[illegible]	4.[illegible]
NNE	[illegible].1	1.[illegible]	1.2	.1								4.2	5.[illegible]
NE	.[illegible]	1.[illegible]	1.1	.1								3.4	5.[illegible]
ENE	.[illegible]	1.[illegible]	1.3	.2								[illegible].9	[illegible]
E	[illegible].1	2.[illegible]	.[illegible]	.3								[illegible]	4.7
ESE	[illegible].[illegible]	2.1	.2									3.9	4.[illegible]
SE	.[illegible]	1.7	.1									[illegible]	3.9
SSE	[illegible].3	1.4	.[illegible]									3.7	2.9
S	[illegible].1	1.[illegible]	.2									4.3	3.6
SSW	1.[illegible]	1.[illegible]	.3	.[illegible]								3.4	4.[illegible]
SW	.[illegible]	1.[illegible]	.3									[illegible].2	4.[illegible]
WSW	[illegible].7	2.3	.3	.[illegible]								4.4	4.[illegible]
W	1.7	4.4	1.7	.6	.1							[illegible].5	5.9
WNW	.7	2.[illegible]	2.3	.5	.[illegible]							5.[illegible]	6.9
NW	.9	2.1	1.4	.5								4.[illegible]	6.3
NNW	1.[illegible]	3.5	2.[illegible]	.1								7.4	5.[illegible]
VARBL		.[illegible]	12.7	1.7								14.4	8.[illegible]
CALM												10.3	
	[illegible].0	35.0	27.3	4.3	.1							100.0	5.[illegible]

TOTAL NUMBER OF OBSERVATIONS 7192

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

2

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

SURFACE WINDS

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

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

CLASS: ALL WEATHER

HOURS (L S T): [illegible]

CONDITION:

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible].4	1.2	.4	.1								[illegible]	3.4
NNE	1.[illegible]	[illegible]	.2									[illegible]	3.1
NE	.7	1.[illegible]	.4									[illegible]	4.7
ENE	.9	1.[illegible]	1.1	.1								[illegible].9	5.4
E	.1	3.4	1.5	.2								[illegible]	4.[illegible]
ESE	[illegible]	1.[illegible]	.2	.1								[illegible].3	3.4
SE	[illegible].7	.7										[illegible].4	2.5
SSE	[illegible]	.4										[illegible].3	1.9
S	6.[illegible]	1.2										[illegible]	2.[illegible]
SSW	[illegible].2	.7										3.[illegible]	2.4
SW	1.5	.5	.2									[illegible]	3.[illegible]
WSW	[illegible]	1.4										[illegible].3	3.3
W	[illegible].1	1.[illegible]	1.1									[illegible]	4.5
WNW	.[illegible]	[illegible].1	.5									[illegible].1	5.3
NW	.4	1.6	.[illegible]	.1								[illegible].3	5.1
NNW	1.5	2.3	.6									4.[illegible]	4.[illegible]
VARBL		.4	2.[illegible]	.5								[illegible].8	6.[illegible]
CALM												[illegible]3.3	
	[illegible]3.2	23.[illegible]	6.5	1.2								[illegible]	2.[illegible]

TOTAL NUMBER OF OBSERVATIONS 513

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

2

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

SURFACE WINDS

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

1... F... AAF... | STATION / STATION NAME
7?-81 | YEARS
MAY | MONTH
ALL WEATHER | CLASS
...-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	4.3	1.2	.7									6.	3.5
NNE	2.4	1.2	.5	.1								4.4	4.3
NE	.8	1.2	.4									2.4	3.3
ENE	1.2	1.7	1.2	.1								4.2	5.0
E	1.2	4.4	2.3	.4								8.3	5.0
ESE	1.0	3.2	.4									4.1	4.7
SE	1.3	1.7	.2									3.3	3.6
SSE	1.0	2.1										3.4	3.8
S	1.6	2.3	.1									4.0	3.9
SSW	1.2	1.2	.1									2.9	3.4
SW	1.2	1.6	.1									2.9	3.6
WSW	1.1	3.0	.1									4.2	4.0
W	3.7	4.4	1.7	.2								10.0	4.6
WNW	2.1	3.2	1.1	.2								7.2	4.3
NW	1.5	1.9	1.1									4.4	4.6
NNW	1.5	2.8	.6									4.9	4.7
VARBL		.2	11.2	1.8	.2							13.3	2.9
CALM												2.3	
	30.7	41.2	21.2	2.9	.2							100.1	4.2

TOTAL NUMBER OF OBSERVATIONS ...

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

2

[illegible]AL CLIMATOLOGY BRANCH
[illegible]TAC
[illegible]ATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] AAF [illegible]	73-51	MAY

CLASS: ALL WEATHER

HOURS (L S T): [illegible]

CONDITION:

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	2.7	1.6									6.7	4.7
NNE	[illegible]	1.[illegible]	.4									[illegible].1	4.7
NE	[illegible]	2.3	.4									[illegible].9	5.3
ENE	[illegible]	2.1	1.3	.4	.4							4.9	7.[illegible]
E	1.[illegible]	[illegible]	1.1	.4								6.3	5.3
ESE	1.[illegible]	2.4	.5									4.6	4.4
SE	[illegible]	1.3										[illegible]	4.[illegible]
SSE	[illegible].1	2.1	.1									3.[illegible]	4.3
S	1.[illegible]	[illegible]										[illegible]	3.[illegible]
SSW	1.[illegible]	3.[illegible]	.2									4.9	4.[illegible]
SW	1.1	1.[illegible]										2.[illegible]	4.[illegible]
WSW	1.[illegible]	2.6	.5									4.5	4.5
W	1.[illegible]	5.6	1.2	.2								[illegible].5	5.[illegible]
WNW	[illegible]	4.4	2.6	.4								[illegible].3	5.9
NW	.6	3.1	.9	.2								4.5	5.6
NNW	1.[illegible]	4.[illegible]	1.2	.1								[illegible]	5.[illegible]
VARBL		.1	15.7	3.1	.4							[illegible].3	9.1
CALM												1.5	
	[illegible].4	44.9	28.7	4.8	.7							100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

2

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

SURFACE WINDS

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

... OF GHT AFB, IL — STATION / STATION NAME
57-81 — YEARS
MAY — MONTH
ALL WEATHER — CLASS
15 ...-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	.7	3.5	.3									4.	5.5
NNE	1.	2.	1.2									4.2	5.
NE	.5	1.3	.5	.2								2.	5.
ENE	1.	2.2	1.3	.7								5.2	5.5
E	1.5	4.2	1.7	.7								8.	5.
ESE	.5	4.7										5.2	4.4
SE	.2	1.	.2									2.	3.2
SSE	1.5	1.7										3.2	4.1
S	1.3	2.2										4.	3.5
SSW	1.3	2.2										4.	3.7
SW	.2	2.7										3.	4.5
WSW	1.5	3.2	.2									5.	4.5
W	2.2	4.	1.2									7.	4.9
WNW	1.7	3.2	2.8	1.5								9.2	6.2
NW	1.2	2.7	1.7	.2								5.7	5.4
NNW	1.	3.7	1.8									7.5	5.
VARBL			13.	2.8	.2							16.5	3.3
CALM												1.	
	21.2	43.5	26.9	6.2	.2							100.2	5.7

TOTAL NUMBER OF OBSERVATIONS 509

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

2

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FEUCHT AAF DL	73-81	MAY

CLASS: ALL WEATHER

HOURS (L.S.T.): 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	[illegible]	2.6	.9	[illegible]								[illegible].4	4.1
NNE	[illegible]	1.[illegible]	.6	[illegible]								[illegible].4	4.[illegible]
NE	[illegible]	1.[illegible]	.4	[illegible]								[illegible]	5.[illegible]
ENE	[illegible]	2.[illegible]	1.3	.7	.1							4.[illegible]	6.[illegible]
E	1.[illegible]	3.[illegible]	1.7	.4								[illegible].8	[illegible].4
ESE	1.4	2.[illegible]	.3	[illegible]								4.5	4.[illegible]
SE	1.[illegible]	1.[illegible]	.1									[illegible]	3.[illegible]
SSE	[illegible]	1.[illegible]	[illegible]									3.[illegible]	[illegible].3
S	[illegible]	1.[illegible]	[illegible]									4.[illegible]	3.[illegible]
SSW	1.[illegible]	2.[illegible]	.1									[illegible].9	[illegible]
SW	1.2	1.5	.1									2.7	[illegible]
WSW	1.5	2.4	.2									4.1	4.1
W	2.[illegible]	4.[illegible]	1.3	.1								[illegible]	4.[illegible]
WNW	1.4	3.6	1.7	.4								7.1	5.7
NW	.9	2.2	1.[illegible]	.2								4.2	5.3
NNW	1.[illegible]	[illegible].2	1.[illegible]	[illegible]								5.9	4.[illegible]
VARBL		[illegible]	[illegible].4	2.[illegible]	.2							12.7	9.1
CALM												10.5	
	[illegible].5	38.1	21.1	3.6	.2							[illegible]	4.7

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FEUCHT AAF [illegible]	77-81	JUN

CLASS: ALL WEATHER

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

CONDITION:

SPEED KNTS/ DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible].1	1.[illegible]	.5									7.1	2.8
NNE	1.1	.[illegible]	.3									[illegible].1	3.3
NE	.[illegible]	.1	.4	.1								1.1	5.4
ENE	.1	.[illegible]	.1	.1								1.1	[illegible]
E	[illegible].1	1.1	.4									3.7	3.4
ESE	.[illegible]	.[illegible]										1.[illegible]	3.3
SE	[illegible].3	.[illegible]										[illegible]	2.1
SSE	[illegible]	.9										4.4	2.[illegible]
S	[illegible].3	1.[illegible]										6.6	2.[illegible]
SSW	[illegible]	1.1										4.[illegible]	2.3
SW	[illegible]	.9										[illegible]	2.[illegible]
WSW	[illegible].4	1.[illegible]	.1									[illegible].1	2.9
W	4.7	4.9	1.3									10.9	4.[illegible]
WNW	1.5	1.5	1.3									4.3	4.[illegible]
NW	[illegible].1	2.4	.1									3.7	4.[illegible]
NNW	2.[illegible]	1.[illegible]	.4									4.[illegible]	3.[illegible]
VARBL			1.9	.1								2.[illegible]	8.3
CALM												[illegible]	
	[illegible]1.2	21.7	6.7	.4								[illegible]	2.4

TOTAL NUMBER OF OBSERVATIONS 791

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

2

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

SURFACE WINDS

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

1 [illegible] — STATION
[illegible] — STATION NAME
[illegible] — YEARS
JUN — 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	[illegible].1	4.1	.7	.2								[illegible]	4.4
NNE	[illegible]	1.[illegible]	.5									4.[illegible]	[illegible]
NE	1.1	.[illegible]	.[illegible]	.1								[illegible].2	4.3
ENE	1.[illegible]	.[illegible]	.6	.1								[illegible].1	4.[illegible]
E	[illegible]	3.[illegible]	1.5									[illegible].4	4.[illegible]
ESE	[illegible]	2.2	.1									[illegible]	3.[illegible]
SE	[illegible]	1.[illegible]										3.[illegible]	3.[illegible]
SSE	[illegible]	.6										2.4	2.[illegible]
S	[illegible]	2.[illegible]										4.1	3.4
SSW	[illegible]	1.4										[illegible].2	[illegible].4
SW	[illegible]	2.4	.1									4.4	3.6
WSW	[illegible]	2.7	.5									[illegible].6	3.[illegible]
W	[illegible]	7.6	1.1									12.3	4.5
WNW	1.2	3.4	2.2	.4								[illegible].2	[illegible].7
NW	1.[illegible]	2.6	.9	.1								[illegible].1	[illegible]
NNW	[illegible]	3.4	1.4									7.9	4.5
VARBL		.[illegible]	1[illegible].2	1.6								12.[illegible]	[illegible].7
CALM												4.2	
	32.6	40.3	20.2	2.6								100.[illegible]	4.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

2

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

SURFACE WINDS

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

... | ...EIGHT AAF OL | 73-82 | JUN
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | 12 0-1400
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	1.4	4.	2.5									7.8	5.4
NNE	1.1	3.	.9	.7								5.2	5.1
NE	.5	.5	1.1									1.2	5.6
ENE	.9	2.1		.1								3.1	4.7
E	1.2	2.1	.1									3.5	4.1
FSE	.7	1.9	.5									3.1	4.9
SE	.9	1.										1.9	3.7
SSE	.7	1.1										1.8	3.6
S	1.5	1.										2.5	3.5
SSW	1.6	1.7	.1									3.5	3.5
SW	1.2	1.9										3.1	4.
WSW	1.2	2.4	.2									4.9	3.9
W	3.1	7.1	2.5									12.7	5.1
WNW	1.5	2.6	2.4	.4								6.9	6.1
NW	.9	3.7	1.6	.1								6.3	5.6
NNW	1.2	3.7	1.1	.2								6.7	4.3
VARBL		.5	17.3	3.7								21.5	8.5
CALM												2.7	
	21.3	40.5	30.7	4.9								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 824

2

GLOBAL 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]	FEUCHT AAF DL	[illegible]-81	JUN

CLASS: ALL WEATHER

HOURS (LST): [illegible]

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible].3	[illegible].4	4.3									[illegible].1	5.[illegible]
NNE	1.[illegible]	3.[illegible]	.5									5.3	4.[illegible]
NE	.[illegible]	2.[illegible]	.3	.2								3.[illegible]	4.[illegible]
ENE	.[illegible]	2.[illegible]	.8									4.[illegible]	5.5
E	1.[illegible]	3.[illegible]	.3									5.[illegible]	4.4
ESE	.5	1.[illegible]										1.[illegible]	4.1
SE	.[illegible]	.[illegible]										1.7	3.1
SSE	.5	.[illegible]										1.[illegible]	3.7
S	1.[illegible]	1.5										[illegible].3	3.3
SSW	.1	1.3	.2									3.6	[illegible].4
SW	1.2	1.[illegible]	.5									3.3	4.5
WSW	.[illegible]	3.7	.3									4.1	4.[illegible]
W	1.5	7.1	.3									9.4	4.[illegible]
WNW	1.[illegible]	5.3	2.1	.5								9.3	5.[illegible]
NW	1.[illegible]	2.[illegible]	1.3	.3								[illegible].5	5.[illegible]
NNW	1.2	5.[illegible]	1.[illegible]	.2								7.3	5.1
VARBL		.[illegible]	13.[illegible]	2.8								17.[illegible]	[illegible]
CALM												[illegible]	
	[illegible].2	47.6	26.4	4.[illegible]								[illegible]	[illegible].4

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

2

[illegible]RAL CLIMATOLOGY BRANCH
[illegible]FETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FE[illegible]CHT AAF [illegible]L	73-81	JUN

CLASS: ALL WEATHER

HOURS (L S T): 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	[illegible]	4.[illegible]	1.9	.1								[illegible]	4.6
NNE	1.7	2.1	.6	.1								4.5	4.3
NE	.7	1.[illegible]	.5	.1								2.3	4.9
ENE	.8	1.4	.4	.1								2.7	5.[illegible]
E	1.7	2.3	.6									4.6	4.3
ESE	1.[illegible]	1.[illegible]	.2									2.6	4.1
SE	1.[illegible]	.[illegible]										2.4	3.[illegible]
SSE	1.8	.8										2.5	2.7
S	2.7	1.4										4.2	3.[illegible]
SSW	2.4	1.4	.1									3.3	3.1
SW	1.9	1.6	.1									3.6	3.5
WSW	2.2	2.4	.3									4.9	3.7
W	3.2	6.6	1.5									11.4	4.6
WNW	1.4	3.[illegible]	2.[illegible]	.3	.[illegible]							6.7	5.8
NW	1.2	2.[illegible]	1.[illegible]	.1								5.1	5.[illegible]
NNW	2.4	3.4	1.[illegible]	.1								6.9	4.6
VARBL		.[illegible]	1[illegible].5	1.9								12.7	8.6
CALM												10.1	
	2[illegible].4	37.[illegible]	20.8	2.7	.[illegible]							[illegible]	4.4

TOTAL NUMBER OF OBSERVATIONS 3176

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

2

[illegible]AL OLTMATOLOGY BRANCH
[illegible]FETAC
[illegible] LATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] FEUCHT AAF OL — STATION NAME
[illegible] — YEARS
JUL — 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	[illegible]	1.1	.1									[illegible].5	[illegible]
NNE	[illegible]	.1	.2									[illegible]	[illegible]
NE													
ENE		.1	.1									[illegible]	[illegible]
E	[illegible]	.4	[illegible]									1.0	[illegible]
ESE	1.[illegible]	.7										[illegible]	[illegible]
SE	1.[illegible]	[illegible]										1.[illegible]	2.3
SSE	[illegible]	[illegible]										[illegible].4	[illegible]
S	[illegible]	1.7										9.9	2.1
SSW	[illegible]	1.[illegible]										[illegible]	2.3
SW	[illegible]	1.3										[illegible]	2.7
WSW	4.[illegible]	[illegible]										7.1	[illegible]
W	2.3	[illegible]	1.1	.1								7.4	4.5
WNW	1.7	2.3	1.1	.2								[illegible].4	[illegible]
NW	[illegible].2	1.[illegible]	.4									2.9	4.1
NNW	[illegible]	2.[illegible]	.1									4.0	[illegible]
VARBL		.1	2.[illegible]									[illegible].1	[illegible].1
CALM												36.5	
	38.5	19.1	5.4	.4								[illegible]	2.1

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

2

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	77-81	JUL

CLASS: ALL WEATHER

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

CONDITION:

SPEED KNOTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	3.[illegible]	.7									[illegible]	3.7
NNE	[illegible]	[illegible]	.1									[illegible]	2.4
NE	[illegible]	[illegible]										[illegible]	4.[illegible]
ENE	[illegible]	[illegible]	.1									1.1	4.3
E	[illegible]	1.[illegible]	[illegible]	.1								[illegible]	3.9
ESE	[illegible]	1.3	.1									2.4	3.9
SE	[illegible]	[illegible]										1.4	3.6
SSE	1.[illegible]	1.7										[illegible]	[illegible]
S	[illegible]	2.[illegible]										[illegible]	3.3
SSW	[illegible]	2.4										[illegible]	[illegible]
SW	[illegible]	2.3										4.[illegible]	3.6
WSW	[illegible]	4.[illegible]	.4									7.[illegible]	3.[illegible]
W	[illegible]	7.8	[illegible]									13.[illegible]	5.1
WNW	1.[illegible]	5.[illegible]	3.2	.4								11.[illegible]	5.[illegible]
NW	1.[illegible]	2.[illegible]	1.7	.[illegible]								5.7	[illegible]
NNW	[illegible]	4.[illegible]	.6	.1								7.7	4.3
VARBL		[illegible]	[illegible]	.5								[illegible]	[illegible]
CALM												6.5	
	[illegible]	40.[illegible]	18.6	1.3								[illegible]	4.4

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

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

2

SURFACE WINDS

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

[illegible] FREIGHT AAF OL — STATION NAME
77-81 — YEARS
JUL — 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	[illegible]	4.[illegible]	1.[illegible]									[illegible].3	4.[illegible]
NNE	1.1	1.3	.2									3.7	3.[illegible]
NE	.6	.2	.2									[illegible].5	4.[illegible]
ENE	.4	.[illegible]	.1									1.1	4.[illegible]
E	.[illegible]	1.[illegible]	.[illegible]									[illegible].[illegible]	4.[illegible]
ESE	.[illegible]	1.2	.2									[illegible].3	4.[illegible]
SE	.[illegible]	1.[illegible]										1.[illegible]	4.[illegible]
SSE	1.2	.[illegible]	.1									[illegible].2	3.[illegible]
S	1.[illegible]	2.1										3.[illegible]	3.6
SSW	1.[illegible]	1.2										[illegible].[illegible]	[illegible].[illegible]
SW	.6	1.[illegible]										2.[illegible]	4.4
WSW	1.[illegible]	4.[illegible]	.2									[illegible].1	4.2
W	3.[illegible]	[illegible].	2.4	.1								1[illegible].1	5.[illegible]
WNW	.[illegible]	6.[illegible]	[illegible].[illegible]	.5								1[illegible].4	6.[illegible]
NW	1.1	3.[illegible]	.9									[illegible].[illegible]	5.[illegible]
NNW	[illegible].[illegible]	4.[illegible]	2.4	.1								[illegible].5	5.[illegible]
VARBL	.1	.[illegible]	15.6	[illegible].2								1[illegible].2	6.4
CALM												4.[illegible]	
	[illegible].[illegible]	44.[illegible]	[illegible]7.[illegible]	2.9								1[illegible].[illegible]	5.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]7

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

2

[illegible]AL CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] FATHER SERVICE/MAC

SURFACE WINDS

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

1 [illegible] CHT AAF [illegible] — STATION — STATION NAME
[illegible]-81 — YEARS
JUL — 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	1.7	4.7	1.1	.2								[illegible]	5.2
NNE	[illegible]	2.1	.6									4.5	4.4
NE	1.1	1.	.2									[illegible]	[illegible]
ENE	.6	1.										1.5	4.1
E	[illegible]	1.6	.5									4.[illegible]	3.[illegible]
ESE	1.7	1.1										2.4	3.3
SE	.6	1.1										[illegible]	3.6
SSE	.6	.7										1.[illegible]	3.[illegible]
S	[illegible].2	1.7										3.5	3.1
SSW	1.4	2.1										3.[illegible]	[illegible]
SW	1.	.5										1.4	2.[illegible]
WSW	1.6	2.6	.2									4.3	4.1
W	1.9	7.1	2.1									11.1	5.2
WNW	1.4	6.1	3.2	.6								11.4	6.1
NW	.6	4.8	2.9									[illegible].3	6.1
NNW	1.6	4.3	1.9									[illegible].2	[illegible]
VARBL		.5	13.9	1.4								15.7	[illegible]
CALM												7.4	
	[illegible]1.8	42.1	26.4	2.2								[illegible]	5.1

TOTAL NUMBER OF OBSERVATIONS 624

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

2

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

SURFACE WINDS

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

[illegible] STATION | [illegible] STATION NAME | 73-81 YEARS | JUL MONTH

ALL WEATHER CLASS | ALL 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	3.5	.8	.2								7.1	4.2
NNE	.[illegible]	.[illegible]	.3									.[illegible]	[illegible]
NE	.4	.5	.1									1.2	3.9
ENE	.5	.6	.1									1.1	4.7
E	1.[illegible]	1.3	.3	.[illegible]								[illegible]	4.[illegible]
ESE	.2	1.1	.1									1.4	3.[illegible]
SE	.[illegible]	.[illegible]										1.6	3.[illegible]
SSE	2.[illegible]	.7	.[illegible]									3.[illegible]	2.6
S	3.[illegible]	1.[illegible]										4.[illegible]	2.[illegible]
SSW	.3	1.6										2.[illegible]	[illegible]
SW	1.2	1.9										3.[illegible]	[illegible]
WSW	1.[illegible]	[illegible].1	.2									3.4	[illegible]
W	2.3	[illegible]	2.1	.1								11.9	5.[illegible]
WNW	1.[illegible]	5.[illegible]	2.9	.4								[illegible]	[illegible]
NW	.2	[illegible]	1.3	.1								3.6	5.[illegible]
NNW	.[illegible]	3.8	1.2	.1								[illegible].1	4.[illegible]
VARBL	.	.[illegible]	[illegible].6	1.[illegible]								[illegible].[illegible]	[illegible].2
CALM												1[illegible].5	
	[illegible].9	36.7	19.2	1.6								1[illegible].[illegible]	4.1

TOTAL NUMBER OF OBSERVATIONS [illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 [illegible] — STATION
FEUCHT AAF OL — STATION NAME
[illegible] — 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	3.6	7.										[illegible].7	3.1
NNE	[illegible]	.7										[illegible]	[illegible]
NE	[illegible]	[illegible]										[illegible]	[illegible]
ENE	.7	[illegible]										[illegible]	2.6
E	.1	1.1	.1									[illegible]	[illegible]
ESE	1.9	.6										[illegible]	2.7
SE	[illegible]	[illegible]										[illegible]	2.1
SSE	[illegible]											[illegible]	[illegible]
S	[illegible].4	.6										[illegible]	2.[illegible]
SSW	2.8	.7										3.5	2.[illegible]
SW	2.3	.2										2.5	2.1
WSW	1.9	1.[illegible]										2.9	[illegible]
W	1.7	1.2										2.9	3.7
WNW	.9	1.6	.6									3.[illegible]	4.9
NW	1.[illegible]	1.3	.2									2.5	4.[illegible]
NNW	1.8	2.3	.1									4.3	3.7
VARBL			.7	.2								1.0	9.4
CALM												4[illegible].7	
	35.8	15.4	1.8	.2								1[illegible]	1.6

TOTAL NUMBER OF OBSERVATIONS 823

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

2

CL BAL CLIMATOLOGY BRANCH
TAC
A WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FOUGHT AAF OL	73-81	AUG

CLASS: ALL WEATHER

HOURS (L S T): [illegible]

CONDITION:

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	.1									[illegible]	[illegible]
NNE	[illegible]	2.9										[illegible]	[illegible]
NE	.1	[illegible]										[illegible]	[illegible]
ENE	1.1	.7	.2									[illegible]	[illegible]
E	1.1	[illegible]	1.1									4.1	[illegible]
ESE	[illegible]	2.6	.8									[illegible]	[illegible]
SE	[illegible]	[illegible]	.1									[illegible]	3.7
SSE	[illegible]	1.6										[illegible]	[illegible]
S	[illegible]	[illegible]	.1									[illegible]	[illegible]
SSW	4.1	[illegible]	.1									[illegible]	[illegible]
SW	[illegible]	1.1										3.7	[illegible]
WSW	4.4	[illegible]										[illegible]	[illegible]
W	[illegible]	[illegible]	1.1									7.1	4.4
WNW	[illegible]	3.7	1.2	.1								[illegible]	[illegible]
NW	[illegible]	1.1	.4									2.4	4.3
NNW	[illegible]	[illegible]	.4									[illegible]	[illegible]
VARBL		[illegible]	[illegible]	.8								9.1	[illegible]
CALM												13.1	
	37.7	34.5	13.7	1.0								[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

2

[illegible]AL CLIMATOLOGY BRANCH
[illegible]FETAC
[illegible]EATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
1 [illegible]	FEUCHT AAF DL	77-81	AUG

CLASS: ALL WEATHER

HOURS (L S T): [illegible]

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	2.9	2.[illegible]	.8									[illegible].5	4.2
NNE	1.9	1.4	.5	.1								4.1	4.[illegible]
NE	1.1	.[illegible]	.2									2.[illegible]	3.8
ENE	.7	1.[illegible]	.6									2.3	4.[illegible]
E	[illegible]	3.[illegible]	1.6									[illegible].1	5.[illegible]
ESE	[illegible]	2.[illegible]	.4									5.[illegible]	4.[illegible]
SE	1.1	1.1										2.2	3.6
SSE	1.1	1.[illegible]										3.[illegible]	3.7
S	[illegible]	1.[illegible]										4.[illegible]	3.3
SSW	[illegible].6	1.4	.1									4.2	3.4
SW	1.4	1.7	.1									3.2	3.7
WSW	2.4	3.1										5.5	3.7
W	[illegible]	5.1	1.[illegible]	.2								6.9	4.9
WNW	1.7	4.8	.8	.2								7.5	5.[illegible]
NW	1.[illegible]	2.[illegible]	.6									4.9	4.4
NNW	[illegible]	3.9	1.3	.1								9.6	4.7
VARBL		.1	14.6	1.3								16.[illegible]	8.4
CALM												3.9	
	31.6	39.8	22.6	2.0								1[illegible]	4.7

TOTAL NUMBER OF OBSERVATIONS 336

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

2

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

SURFACE WINDS

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

[illegible] FLIGHT AAF OL — STATION NAME
[illegible] — YEARS
A[illegible] — MONTH

ALL WEATHER — CLASS
15 [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	[illegible]	5.3	.9	.3								[illegible]	4.6
NNE	1.1	1.[illegible]	1.1									[illegible]	4.7
NE	[illegible]	1.1	.8									[illegible]	4.6
ENE	1.1	1.2	.3									[illegible]	4.4
E	[illegible]	2.[illegible]	1.2									[illegible]	4.6
ESE	[illegible]	2.[illegible]	.3									4.[illegible]	3.7
SE	1.4	1.6										[illegible]	3.5
SSE	[illegible]	1.2										3.1	2.9
S	[illegible]	1.2										[illegible]	4.[illegible]
SSW	[illegible]	1.4	.3									3.[illegible]	3.6
SW	[illegible]	2.[illegible]										4.[illegible]	[illegible]
WSW	[illegible]	1.[illegible]										4.1	3.1
W	2.7	5.[illegible]	1.2	.3								[illegible]	5.[illegible]
WNW	[illegible]	3.[illegible]	1.4	.5								7.8	5.[illegible]
NW	1.1	3.1	1.7	.5								6.4	5.9
NNW	[illegible]	3.7	.8	.2								[illegible]	4.3
VARBL			.9	2.[illegible]								12.9	6.6
CALM												4.4	
	[illegible]	39.8	21.4	3.7								[illegible]	4.[illegible]

TOTAL NUMBER OF OBSERVATIONS 641

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

2

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] AAF OL	7[illegible]-81	AUG

CLASS: ALL WEATHER

HOURS (L S T): 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	[illegible]	3.[illegible]	.5	.1								7.2	3.[illegible]
NNE	1.[illegible]	1.[illegible]	.7	.[illegible]								[illegible]	4.[illegible]
NE	.[illegible]	.[illegible]	.2									1.[illegible]	4.7
ENE	.9	.[illegible]	.4									[illegible].2	4.1
E	[illegible].7	2.1	1.[illegible]									4.[illegible]	4.6
ESE	[illegible]	2.1	.4									4.4	3.9
SE	1.[illegible]	1.2	.[illegible]									2.8	3.[illegible]
SSE	3.[illegible]	1.1										4.[illegible]	2.6
S	3.6	1.[illegible]	.[illegible]									5.[illegible]	2.[illegible]
SSW	[illegible].7	1.3	.1									4.2	3.[illegible]
SW	[illegible].2	1.2	.[illegible]									3.4	3.[illegible]
WSW	2.7	2.[illegible]										4.7	3.[illegible]
W	2.6	3.8	.9	.1								7.4	4.[illegible]
WNW	1.6	3.[illegible]	1.[illegible]	.[illegible]								6.3	4.[illegible]
NW	[illegible].2	2.[illegible]	.7	.[illegible]								4.[illegible]	4.9
NNW	[illegible]	3.4	.6	.1								7.[illegible]	4.1
VARBL		.1	[illegible].3	1.1								9.4	[illegible]
CALM												17.3	
	34.4	32.3	14.4	1.7								[illegible]	3.6

TOTAL NUMBER OF OBSERVATIONS [illegible]314

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

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FRUGHT AAF IL	77-81	SEP

CLASS: ALL WEATHER

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

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]	.5	.1									[illegible].3	2.[illegible]
NNE	.[illegible]	.[illegible]										1.[illegible]	3.3
NE	.1		.1									.3	4.5
ENE	.6	.7										.9	7.7
E	1.[illegible]	.5										[illegible]	2.5
ESE	.5	.5										1.1	3.3
SE	[illegible]	.6										4.4	2.[illegible]
SSE	[illegible]	1.[illegible]										[illegible]	1.[illegible]
S	[illegible].4	2.[illegible]										11.4	2.3
SSW	[illegible]	.1										[illegible]	1.9
SW	3.[illegible]	1.[illegible]										4.[illegible]	2.7
WSW	[illegible]	1.4										4.4	2.[illegible]
W	[illegible].1	2.3	.6									5.[illegible]	4.[illegible]
WNW	1.1	1.1	.8									[illegible]	4.[illegible]
NW	.4	.6	.6	.3								1.[illegible]	6.[illegible]
NNW	1.3	.9	.3									[illegible]	3.4
VARBL			1.1									1.1	7.[illegible]
CALM												41.[illegible]	
	41.0	13.4	3.6	.3								[illegible]	[illegible].7

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

2

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FEUCHT AAF OL	[illegible]-81	[illegible]

CLASS: ALL WEATHER

HOURS (L S T): [illegible]

CONDITION:

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	2.1										4.5	[illegible]
NNE	1.4	.9	.1									2.4	3.1
NE	[illegible]	.6										1.5	[illegible]
ENE	[illegible]	.7		.1								2.4	[illegible]
E	1.7	2.[illegible]	.2									4.[illegible]	4.1
ESE	[illegible]	1.9	.2									4.7	3.5
SE	[illegible]	1.2	.1									7.3	3.3
SSE	[illegible].1	2.[illegible]										7.7	[illegible]
S	[illegible].4	4.[illegible]	.2									11.6	[illegible]
SSW	[illegible]	1.7	.1									[illegible]	[illegible]
SW	[illegible]	2.6	.1									[illegible]	3.5
WSW	[illegible]	[illegible]	.2									[illegible]	[illegible]
W	3.1	5.3	1.6									[illegible]	4.7
WNW	1.2	1.6	2.1	.1								[illegible]	[illegible]
NW	[illegible]	1.4	.9	.2								2.7	6.5
NNW	1.7	1.9	.5									4.1	[illegible]
VARBL		.1	6.9	.5								7.5	[illegible]
CALM												11.1	
	[illegible]	33.[illegible]	13.5	1.0								[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

2

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FEUCHT AAF [illegible]	[illegible]-81	SEP

CLASS: ALL WEATHER

HOURS (L S T): [illegible]-14[illegible]

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	2.3	.2		.1							4.9	4.[illegible]
NNE	1.7	1.2	.1									[illegible].1	3.4
NE	.5	1.2	.2									2.[illegible]	4.6
ENE	.7	.9	.5									[illegible].1	4.6
E	1.5	2.7	.7									4.6	4.5
ESE	[illegible].6	3.[illegible]	.1									5.7	4.[illegible]
SE	1.6	1.[illegible]	.1									[illegible].7	3.3
SSE	[illegible].7	1.9	.1									4.7	3.4
S	3.[illegible]	1.[illegible]										4.8	3.1
SSW	[illegible].3	2.1	.1									4.6	3.6
SW	1.6	2.7										4.3	3.8
WSW	2.5	4.3	.2									7.[illegible]	4.1
W	2.5	5.4	2.5	.1								10.5	5.4
WNW	1.5	3.7	2.1	.5								7.8	5.9
NW	.5	2.5	1.[illegible]	.1								4.1	5.6
NNW	1.9	4.1	.7									6.7	4.4
VARBL			13.6	1.7	.1							15.5	8.6
CALM												4.9	
	[illegible].3	40.5	22.5	2.5	.2							1[illegible].0	4.8

TOTAL NUMBER OF OBSERVATIONS 8[illegible]9

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)

STATION	STATION NAME	YEARS	MONTH
[illegible]	FEUCHT AAF OL	77-81	SEP

CLASS: ALL WEATHER

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

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]	2.5	.5									[illegible].2	4.4
NNE	1.[illegible]	1.7	.2									3.4	3.7
NE	.5	1.7	.2									[illegible]	4.1
ENE	1.[illegible]	1.7										[illegible].2	3.6
E	2.[illegible]	2.2	.3									[illegible]	3.[illegible]
ESE	1.[illegible]	2.[illegible]	.2									4.[illegible]	3.[illegible]
SE	1.5	.7										2.5	2.9
SSE	1.7	1.3										3.[illegible]	3.3
S	3.4	2.3	.2									5.9	3.3
SSW	2.7	1.9	.5									5.[illegible]	3.9
SW	1.3	1.9	.2									3.4	3.[illegible]
WSW	1.8	2.3	.2									4.4	3.[illegible]
W	4.[illegible]	7.9	1.7									13.5	4.5
WNW	2.7	2.9	3.2	.2								5.9	5.[illegible]
NW	[illegible].2	2.2	1.[illegible]									5.4	4.3
NNW	[illegible]	3.5	.8									6.4	4.5
VARBL			9.7	1.5								11.2	8.7
CALM												7.6	
	3[illegible].7	37.9	19.1	1.7								1[illegible]	4.3

TOTAL NUMBER OF OBSERVATIONS 596

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

2

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] AAF [illegible]	77-81	SEP

CLASS: ALL WEATHER

HOURS (L S T): 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	[illegible]	1.[illegible]	.3		.[illegible]							[illegible]	[illegible]
NNE	1.4	.[illegible]	.1									[illegible]	[illegible]
NE	.[illegible]	.[illegible]	.1									[illegible]	4.[illegible]
ENE	1.1	.[illegible]	.1	.[illegible]								[illegible]	3.7
E	1.[illegible]	1.[illegible]	.3									[illegible]	[illegible]
ESE	1.[illegible]	1.[illegible]	.1									3.5	3.6
SE	2.3	.[illegible]	.1									[illegible]	2.[illegible]
SSE	4.4	1.[illegible]	.[illegible]									[illegible]	2.[illegible]
S	[illegible]	2.[illegible]	.1									[illegible]	2.[illegible]
SSW	[illegible]	1.4	.2									4.5	3.1
SW	2.[illegible]	2.[illegible]	.1									4.4	3.4
WSW	2.5	2.5	.2									[illegible]	3.[illegible]
W	[illegible]	5.[illegible]	1.5	.[illegible]								9.9	4.5
WNW	1.6	2.[illegible]	1.9	.2								[illegible]	5.6
NW	.[illegible]	1.[illegible]	.[illegible]	.2								[illegible]	5.4
NNW	[illegible]	2.4	.6									4.3	4.[illegible]
VARBL		.[illegible]	[illegible].5	.9	.[illegible]							[illegible]	[illegible]
CALM												17.5	
	[illegible]	[illegible]	13.[illegible]	1.3	.1							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

[illegible]AL CLIMATOLOGY BRANCH
[illegible]TAC
[illegible]ATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
1 [illegible]	FEUCHT AAF DL	77-81	OCT

CLASS: ALL WEATHER

HOURS (L S T): [illegible]

CONDITION:

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	2.[illegible]										[illegible]	[illegible]
NNE	[illegible]	[illegible]										[illegible]	[illegible]
NE	[illegible]	[illegible]										.7	[illegible]
ENE	[illegible]	.1	.1									1.2	[illegible]
E	[illegible]	1.[illegible]	.1	.1								4.4	[illegible]
ESE	[illegible]	[illegible]										2.9	[illegible]
SE	4.9	[illegible]										5.4	[illegible]
SSE	[illegible]	[illegible]										7.6	[illegible]
S	[illegible].2	1.5	.1									11.9	2.1
SSW	[illegible]	[illegible]										[illegible]	2.4
SW	1.3	[illegible]										[illegible]	[illegible]
WSW	2.6	.9	[illegible]									3.7	2.7
W	3.8	2.7	[illegible]									[illegible]	3.7
WNW	1.3	[illegible]	[illegible]	.1								2.[illegible]	4.1
NW	[illegible].1	[illegible]		.1								1.5	[illegible]
NNW	1.5	1.[illegible]	.1									[illegible]	[illegible]
VARBL			1.[illegible]									1.[illegible]	7.[illegible]
CALM												35.2	
	4[illegible]	16.1	3.3	.4								1[illegible]	1.[illegible]

TOTAL NUMBER OF OBSERVATIONS 61[illegible]

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

2

[illegible] CLIMATOLOGY BRANCH
[illegible] TAC
[illegible] SE VICO/[illegible]

SURFACE WINDS

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

1 [illegible] AAF [illegible] — STATION — STATION NAME

77-81 — YEARS

OCT — MONTH

ALL WEATHER — CLASS

[illegible] — HOURS (LST)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	.1									3.7	2.9
NNE	1.[illegible]	[illegible]	.[illegible]									2.9	3.[illegible]
NE	[illegible]	.[illegible]	.[illegible]									[illegible]	4.5
ENE	[illegible]	[illegible]	.[illegible]	.[illegible]								1.4	[illegible]
E	1.4	2.[illegible]	.5	.1								4.[illegible]	4.5
ESE	.3	2.3										4.[illegible]	3.[illegible]
SE	[illegible]	2.[illegible]										5.4	3.[illegible]
SSE	[illegible]	[illegible]	.1									[illegible].2	3.[illegible]
S	[illegible]	[illegible]										14.[illegible]	2.9
SSW	[illegible]	[illegible]										4.[illegible]	2.[illegible]
SW	[illegible]	1.[illegible]	.1									[illegible]	3.[illegible]
WSW	[illegible]	2.3	.1									[illegible]	3.[illegible]
W	[illegible]	4.1	1.[illegible]	.4		.1						5.4	4.5
WNW	1.[illegible]	1.[illegible]	.[illegible]	.2								3.7	[illegible].3
NW	.[illegible]	.7	.1									1.4	4.1
NNW	.[illegible]	1.7	.6									[illegible]	4.[illegible]
VARBL			[illegible]	.7								[illegible]	8.3
CALM	[illegible]											14.[illegible]	
	[illegible]	31.[illegible]	9.5	[illegible].7		.1						[illegible]	3.4

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]CHT AAF [illegible]	73-81	OCT

CLASS: ALL WEATHER

HOURS (L S T): 1[illegible]-14[illegible]

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	2.[illegible]	.2									[illegible].9	3.6
NNE	1.2	.5										1.7	2.7
NE	[illegible]	.9	.1									1.7	3.9
ENE	.6	.4	.4	.4								1.7	6.1
E	1.4	4.2	.6	.1								6.3	4.7
ESE	3.7	4.7	.1									6.1	3.7
SE	[illegible]	2.[illegible]										[illegible].4	3.4
SSE	[illegible]	3.[illegible]										6.[illegible]	3.4
S	[illegible]	3.[illegible]	.2									7.7	3.3
SSW	3.9	2.[illegible]										6.1	2.9
SW	1.2	1.[illegible]										3.[illegible]	3.9
WSW	1.9	2.3	.1									4.[illegible]	3.5
W	3.5	6.2	1.8	.8	.1	.1						12.[illegible]	5.[illegible]
WNW	1.2	3.[illegible]	1.[illegible]	.4		.[illegible]						5.7	6.3
NW	1.2	2.5	.5									4.2	4.6
NNW	2.[illegible]	1.4	.4									3.9	3.5
VARBL		.1	[illegible]	1.7								9.8	8.9
CALM												6.1	
	36.2	40.4	13.4	3.3	.1	.4						1[illegible].0	4.4

TOTAL NUMBER OF OBSERVATIONS 53[illegible]

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

2

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FRUCHT AAF OL	77-81	OCT

CLASS: ALL WEATHER

HOURS (L.S.T.): 15[illegible]-17[illegible]

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	1.4										3.7	2.9
NNE	.2	.6										1.9	3.2
NE	.2	.[illegible]	.2									1.9	3.1
ENE	.[illegible]	2.[illegible]	.2	.2								3.3	5.[illegible]
E	[illegible]	[illegible]	.5									7.5	3.7
ESE	[illegible].4	2.[illegible]	.2									5.5	3.[illegible]
SE	[illegible]	1.1										3.[illegible]	3.[illegible]
SSE	5.1	.[illegible]										[illegible].1	2.[illegible]
S	5.[illegible]	1.1										7.9	2.4
SSW	3.1	1.4										4.5	2.9
SW	.2	1.1										3.3	3.1
WSW	[illegible]	.[illegible]										3.7	2.7
W	4.[illegible]	4.[illegible]	1.6	.3								[illegible].7	4.4
WNW	[illegible]	3.[illegible]	1.2			.[illegible]						7.[illegible]	[illegible]
NW	1.6	2.[illegible]	.6									4.3	4.5
NNW	1.6	1.6	.[illegible]									3.4	3.[illegible]
VARBL			6.8	1.1								7.9	[illegible]
CALM												13.5	
	45.3	27.8	11.6	1.6		.2						100.[illegible]	[illegible].4

TOTAL NUMBER OF OBSERVATIONS 64[illegible]

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

2

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

SURFACE WINDS

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

[illegible] | [illegible] HEIGHT AAF [illegible] | 77-81 | OCT
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

ALL
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	1.[illegible]	.1									[illegible]	[illegible]
NNE	1.[illegible]	.[illegible]	.1									1.[illegible]	[illegible]
NE	.[illegible]	.[illegible]	.1									1.[illegible]	[illegible]
ENE	.[illegible]	.3	.2	.2								1.[illegible]	[illegible]
E	2.[illegible]	2.[illegible]	.4	.1								5.[illegible]	[illegible]
ESE	2.[illegible]	2.[illegible]	.1									5.[illegible]	[illegible]
SE	.4	1.[illegible]										5.[illegible]	[illegible]
SSE	5.[illegible]	1.[illegible]	.[illegible]									7.5	[illegible]
S	7.[illegible]	2.[illegible]	.1									10.4	[illegible]
SSW	1.[illegible]	1.[illegible]										4.[illegible]	[illegible]
SW	1.[illegible]	1.3	.[illegible]									3.1	[illegible]
WSW	[illegible]	1.[illegible]	.1									4.[illegible]	[illegible]
W	3.[illegible]	4.[illegible]	1.2	.4	.[illegible]	.1						9.[illegible]	[illegible]
WNW	1.[illegible]	2.1	.[illegible]	.2		.1						4.[illegible]	[illegible]
NW	1.1	1.[illegible]	.3	.[illegible]								[illegible]	[illegible]
NNW	1.[illegible]	1.4	.3									[illegible]	[illegible]
VARBL		.[illegible]	.[illegible]1	.[illegible]								[illegible]	[illegible]
CALM												19.4	
	41.[illegible]	28.[illegible]	[illegible].1	1.7	.[illegible]	.[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]321

2

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FLIGHT [illegible]	73-81	NOV

CLASS: ALL WEATHER

HOURS (L S T): [illegible]

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	2.4	[illegible]	.5									3.3	3.5
NNE	[illegible]	.5										1.0	3.5
NE	.9	.4	.4									1.5	4.2
ENE	.4	.6	.5									1.5	5.5
E	.2	.7										1.1	2.7
ESE	[illegible]	.1										1.1	2.3
SE	2.[illegible]	.[illegible]	.3									3.9	2.7
SSE	7.3	2.[illegible]	.1									10.2	2.7
S	1[illegible].4	4.[illegible]	.1									15.3	3.[illegible]
SSW	[illegible]	1.1	.1									4.3	2.9
SW	3.8	1.6	.3									5.6	3.2
WSW	2.1	1.[illegible]	.1									4.0	3.3
W	2.6	4.4	3.3	.5								10.8	5.6
WNW		1.[illegible]	2.1	.1								3.3	7.3
NW	.4	2.[illegible]		.1								2.8	4.8
NNW	1.3	1.[illegible]	.3	.1								3.5	4.1
VARBL			3.3	1.[illegible]	.1							4.4	9.6
CALM												21.[illegible]	
	40.0	24.8	11.3	1.9	.1							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 797

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

2

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

SURFACE WINDS

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

... | FEUCHT AAF DE | 77-81 | NOV
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | 0900-1?
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.	.9									4.5	?.7
NNE	.4	.6										1.?	?.?
NE	1.	.7	.9	.1								?.?	?.1
ENE	.?	.4	.?	.?								1.?	?.?
E	.4	.4		.1								.9	?.
ESE	.?	1.	.?									?.?	4.?
SE	1.?	1.?										?.1	?.
SSE	7.1	?.?	.5									10.?	?.?
S	.6	5.	.?									14.?	?.1
SSW	?.	?.6	.1									5.7	?.4
SW	1.?	?.5	.5									?.?	4.1
WSW	?.	?.1	.5									?.5	4.?
W	1.5	?.9	1.9	.7								?.?	?.
WNW	.?	1.2	2.4	.5								?.?	?.?
NW	.1	1.?	.5									?.?	4.?
NNW	?.?	1.7	.4									4.?	?.?
VARBL			?.?	1.1	.?							7.?	?.?
CALM												15.	
	36.?	?9.9	15.?	?.9	.?							1?.?	?.?

TOTAL NUMBER OF OBSERVATIONS ??5

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

2

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FEUCHT AAF [illegible]	73-81	NOV

CLASS: ALL WEATHER

HOURS (L S T): 1[illegible]-14[illegible]

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	.9									4.7	4.9
NNE	.6	.[illegible]	.4									1.5	4.5
NE	.[illegible]	1.[illegible]	.7									2.7	5.[illegible]
ENE	.1	.[illegible]	.6	.1								1.6	6.3
E	.4	.[illegible]	.[illegible]	.1								1.5	5.[illegible]
ESE	.1	1.2										[illegible].4	3.3
SE	[illegible].1	2.1	.2									4.5	3.9
SSE	4.2	3.1	.6									8.0	3.6
S	[illegible].4	4.4	.4									10.1	3.7
SSW	2.7	2.[illegible]	.1									5.7	3.5
SW	2.4	2.2										4.[illegible]	3.[illegible]
WSW	1.4	4.6	.2									6.[illegible]	4.6
W	3.2	6.[illegible]	2.9	1.[illegible]	.1							13.2	5.9
WNW	1.1	2.2	2.2	.9								6.5	6.7
NW	1.2	1.1	.5	.1								3.[illegible]	4.6
NNW	2.1	2.9	.4									5.4	4.1
VARBL			[illegible].1	1.9	.1							11.1	9.[illegible]
CALM												7.1	
	29.9	39.[illegible]	19.6	4.1	.2							1[illegible]	4.[illegible]

TOTAL NUMBER OF OBSERVATIONS 8[illegible]

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

2

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FLIGHT AAF OL	77-81	NOV

CLASS: ALL WEATHER

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

CONDITION:

SPEED KNTS/ DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible].1	1.4	.3									[illegible]	3.4
NNE	.[illegible]	.[illegible]	.[illegible]									1.[illegible]	[illegible]
NE	1.2	.[illegible]	.5									[illegible]	4.[illegible]
ENE	.7	.[illegible]	.3	.[illegible]								[illegible].1	4.[illegible]
E	[illegible]		.[illegible]									1.2	2.[illegible]
ESE	[illegible].1	.[illegible]	.2									[illegible].7	3.1
SE	2.4	.7										3.[illegible]	2.[illegible]
SSE	4.6	2.4	.2									7.[illegible]	3.1
S	[illegible].4	3.6	.2									1[illegible].2	3.[illegible]
SSW	1.[illegible]	1.4	.9									4.1	4.3
SW	1.4	1.9										3.3	3.[illegible]
WSW	[illegible].7	3.4										[illegible].2	3.7
W	[illegible].3	5.5	3.4	.3								1[illegible].5	5.4
WNW	.7	1.4	2.4	.2								4.[illegible]	6.[illegible]
NW	.7	1.2	.3									2.[illegible]	4.[illegible]
NNW	[illegible]	3.1										5.7	3.[illegible]
VARBL			7.[illegible]	1.4								8.6	8.[illegible]
CALM												1[illegible].4	
	37.6	28.[illegible]	17.[illegible]	2.1								1[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

[illegible] BAL CLIMATOLOGY BRANCH
[illegible] ETAC
AF [illegible] WEATHER SE VIC./MAC

2

SURFACE WINDS

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

[illegible] STATION | HEIGHT AAF AL STATION NAME | 73-81 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	[illegible]2	1.5	.6									[illegible].4	[illegible].9
NNE	.[illegible]	.[illegible]	.3									1.4	4.2
NE	1.[illegible]	.[illegible]	.5	.[illegible]								2.4	4.7
ENE	.4	.[illegible]	.4	.1								1.[illegible]	[illegible].8
E	.[illegible]	.[illegible]	.1	.1								1.2	[illegible].[illegible]
ESE	1.3	.[illegible]	.1									[illegible].1	3.3
SE	[illegible].3	1.[illegible]	.1									3.7	3.1
SSE	[illegible].[illegible]	2.[illegible]	.3									[illegible].[illegible]	3.1
S	[illegible].5	4.3	.[illegible]									13.0	[illegible].2
SSW	[illegible].6	2.[illegible]	.3									4.9	[illegible].[illegible]
SW	[illegible].3	2.[illegible]	.[illegible]									4.5	[illegible].6
WSW	[illegible].[illegible]	[illegible].3	.2									[illegible].5	4.[illegible]
W	2.[illegible]	4.9	2.9	.6	.[illegible]							11.1	5.[illegible]
WNW	.6	1.5	2.2	.4								[illegible].[illegible]	6.6
NW	.9	1.4	.3	.1								2.7	4.[illegible]
NNW	[illegible].[illegible]	2.3	.3	.[illegible]								4.6	[illegible].[illegible]
VARBL			[illegible].[illegible]	1.4	.1							[illegible].7	9.[illegible]
CALM												15.3	
	36.[illegible]	37.4	15.4	2.8	.2							1[illegible].[illegible]	[illegible].9

TOTAL NUMBER OF OBSERVATIONS [illegible]145

1 [illegible]AL CLIMATOLOGY BRANCH
2 [illegible]FETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

1 [illegible] — STATION
FLUCHT AAF FL — STATION NAME
73-81 — YEARS
DEC — 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	.5	.9	.3									2.1	4.2
NNE	.8	.7	.1									1.6	3.8
NE	.7	.4	.1									.6	4.2
ENE	.9	.3										1.0	3.1
E	[illegible]	.6	.1	.1								1.9	4.1
ESE	2.1	.5	.1									2.7	3.[illegible]
SE	3.9	1.8										5.7	2.9
SSE	7.2	3.1	.4									10.7	3.[illegible]
S	.5	4.3	.1									12.9	3.1
SSW	3.1	2.3	.6									6.1	3.9
SW	2.1	1.4	.3									3.7	3.7
WSW	1.8	1.7	.1									3.6	3.6
W	2.7	3.4	1.5	.1								7.7	4.9
WNW	.5	1.5	2.1	1.3								5.4	6.2
NW	.5	.5	.9	.1								2.2	6.1
NNW	1.2	.3	.9	.3								2.5	5.7
VARBL			5.7	1.9	.8							9.4	10.2
CALM												19.6	
	37.3	24.0	14.5	3.9	.8							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 775

USAFETAC FORM JUL 64 0-8-5 OL-A 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	STATION NAME	YEARS	MONTH
[illegible]	FEUCHT AAF DL	73-81	DEC

CLASS: ALL WEATHER

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

CONDITION:

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									1.7	[illegible]
NNE	[illegible]	[illegible]	[illegible]									1.3	5.3
NE	[illegible]	[illegible]	.1									[illegible]	4.1
ENE	[illegible]	[illegible]										[illegible]	[illegible]
E	[illegible]	[illegible]	.6									[illegible]	[illegible]
ESE	[illegible]	[illegible]										4.4	3.1
SE	[illegible]	[illegible]	.1									3.6	3.1
SSE	[illegible]	[illegible]	[illegible]									12.1	3.3
S	[illegible]	[illegible]	.5									[illegible]	[illegible]
SSW	[illegible]	[illegible]	.4	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]										3.3	3.6
WSW	[illegible]	[illegible]	.1									4.7	[illegible]
W	[illegible]	[illegible]	1.3	.4								7.4	5.1
WNW	[illegible]	1.2	2.3	.1								4.4	6.6
NW	[illegible]	[illegible]	1.1	.5								2.2	[illegible]
NNW	[illegible]	1.1	.4	.5								[illegible]	[illegible]
VARBL		.1	[illegible]	[illegible]	.1							[illegible]	[illegible]
CALM												14.2	
	[illegible]	29.8	17.1	[illegible]	.1							[illegible]	4.3

TOTAL NUMBER OF OBSERVATIONS: [illegible]

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

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

2

SURFACE WINDS

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

... [illegible] ... BRIGHT AAF AL — STATION — STATION NAME
... [illegible] — YEARS
DEC — 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.[illegible]	1.[illegible]	.4									[illegible]	4.[illegible]
NNE	.[illegible]	.[illegible]	.[illegible]									1.[illegible]	[illegible]
NE		[illegible]	.1									[illegible]	[illegible]
ENE	.[illegible]	.[illegible]	.[illegible]									1.[illegible]	4.[illegible]
E	.[illegible]	[illegible]	.6									[illegible]	[illegible]
ESE	1.[illegible]	[illegible]	.2									4.[illegible]	3.[illegible]
SE	[illegible]	3.4	.1									[illegible]	3.[illegible]
SSE	[illegible]	[illegible]	.[illegible]									[illegible]	4.[illegible]
S	.1	4.[illegible]										[illegible]	3.[illegible]
SSW	3.[illegible]	4.6	.7	.1								4.[illegible]	4.[illegible]
SW	.2	[illegible]										[illegible]	[illegible]
WSW	2.[illegible]	1.[illegible]	.1									[illegible]	[illegible]
W	[illegible].1	[illegible]	2.4	.1								.4	.[illegible]
WNW	.[illegible]	2.1	1.[illegible]	1.[illegible]								[illegible]	7.4
NW	.4	1.3	1.2	.5								[illegible]	7.[illegible]
NNW	.[illegible]	1.[illegible]	.4									1.[illegible]	4.[illegible]
VARBL	.[illegible]	.[illegible]	1[illegible].[illegible]	[illegible].1	.[illegible]							[illegible].[illegible]	[illegible].[illegible]
CALM												.4	
	[illegible].4	39.[illegible]	[illegible].1	5.[illegible]	.[illegible]							[illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

2

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

SURFACE WINDS

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

1 [illegible] — STATION
[illegible] SCHT AAF OL — STATION NAME
77-81 — YEARS
DEC — 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.[illegible]	1.[illegible]	.[illegible]									[illegible].5	4.4
NNE	.[illegible]	.[illegible]										1.2	4.2
NE	.[illegible]	.[illegible]	.2									1.3	4.6
ENE	.[illegible]	.[illegible]	.2									1.7	4.1
E	.2	2.2	1.[illegible]									5.3	4.3
ESE	1.7	1.[illegible]	.3									3.2	3.8
SE	2.3	2.[illegible]										5.1	3.4
SSE	[illegible].1	4.[illegible]	.3									12.4	3.2
S	4.1	3.1	.3									7.6	2.5
SSW	3.5	2.[illegible]	.3									6.2	3.4
SW	1.[illegible]	2.3		.2								4.[illegible]	4.1
WSW	2.6	3.5	.2									6.3	3.3
W	5.3	5.5	2.2	.7								13.6	5.
WNW	.[illegible]	1.[illegible]	1.5	.[illegible]								4.3	5.6
NW	.[illegible]	.[illegible]	1.2	.2								2.3	5.7
NNW	1.2	1.[illegible]	.2									2.3	3.4
VARBL			7.3	2.[illegible]	.[illegible]							9.8	9.7
CALM												13.4	
	34.1	33.1	45.6	3.3	.5							[illegible]0.2	4.2

TOTAL NUMBER OF OBSERVATIONS 634

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

2

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
1 [illegible]	FEUCHT AAF DL	77-81	DEC

CLASS: ALL WEATHER

HOURS (L S T): 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	.[illegible]	1.[illegible]	.3									2.3	4.2
NNE	.[illegible]	.3	.2									1.5	4.4
NE	.[illegible]	.7	.1									1.1	4.3
ENE	.[illegible]	.[illegible]	.1									1.1	3.8
E	1.[illegible]	1.1	.5	.[illegible]								3.1	4.[illegible]
ESE	[illegible].1	1.[illegible]	.2									3.5	3.4
SE	[illegible]	2.3	.1									5.2	3.[illegible]
SSE	5.9	4.3	.3									10.5	3.4
S	[illegible]	4.5	.3									10.8	3.4
SSW	3.5	3.[illegible]	.5	.1								7.1	3.9
SW	1.6	2.1	.1	.1								3.9	3.9
WSW	[illegible].3	2.3	.1									4.7	3.7
W	3.1	4.1	2.[illegible]	.3								9.4	5.1
WNW	.6	1.5	1.9	.7								4.8	7.3
NW	.4	.[illegible]	1.1	.3								2.6	7.3
NNW	1.[illegible]	.[illegible]	.4	.2								2.4	5.[illegible]
VARBL	.[illegible]	.1	[illegible].6	2.8	.5							12.1	9.7
CALM												13.[illegible]	
	[illegible]3.1	31.3	16.8	4.6	.5							1[illegible]	4.3

TOTAL NUMBER OF OBSERVATIONS 7166

USAFETAC FORM JUL 64 0-8-5 (OL-A) 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 by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables 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 referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

D

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 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 through 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.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 8	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.0

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.

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible] CLIMATOLOGY BRANCH
[illegible]

CEILING VERSUS VISIBILITY

[illegible] FLIGHT [illegible] 73-81 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1200-1400

[illegible]	5.3	[illegible]	9.3	11.7	12.[illegible]	12.9	13.6	13.[illegible]	14.1	14.1	14.3	14.3	14.3	14.3	14.3	
[illegible]	7.4	[illegible]	12.4	15.7	16.8	17.2	17.8	17.[illegible]	19.1	19.1	19.2	19.2	19.2	19.2	19.2	
[illegible]	[illegible]	[illegible]	17.0	16.2	16.7	18.1	18.7	18.[illegible]	19.9	19.9	20.1	20.1	20.1	20.1	20.1	
[illegible]	8.1	9.[illegible]	13.1	16.3	16.8	18.2	18.8	18.9	20.1	20.1	20.2	20.2	20.2	20.2	20.2	
[illegible]	8.2	9.7	13.5	16.7	17.2	18.6	19.2	19.7	20.5	20.5	20.6	20.6	20.6	20.6	20.6	
[illegible]	[illegible]	9.[illegible]	13.6	17.0	17.7	19.2	19.8	19.9	21.3	21.3	21.5	21.5	21.5	21.5	21.5	
[illegible]	[illegible]	10.7	14.3	17.9	18.6	20.3	21.0	21.1	22.8	22.[illegible]	22.6	22.6	22.6	22.6	22.6	
[illegible]	[illegible]	11.[illegible]	15.6	19.6	20.2	22.0	22.6	22.7	24.1	24.1	24.2	24.2	24.2	24.2	24.2	
[illegible]	11.4	13.[illegible]	17.8	22.[illegible]	22.8	24.6	25.4	25.5	26.9	27.[illegible]	27.3	27.4	27.4	27.4	27.4	
[illegible]	12.2	14.[illegible]	18.9	23.5	24.4	26.4	27.1	27.3	28.7	28.8	29.2	29.2	29.2	29.2	29.2	
[illegible]	12.[illegible]	14.1	19.1	23.6	24.5	26.5	27.5	27.7	29.0	29.[illegible]	29.4	29.5	29.5	29.5	29.5	
[illegible]	12.9	15.[illegible]	20.3	25.3	26.3	28.4	29.5	29.7	31.1	31.2	31.4	31.6	31.6	31.6	31.6	
[illegible]	14.4	16.[illegible]	22.7	27.7	28.8	31.1	32.2	32.3	33.7	33.[illegible]	34.1	34.2	34.2	34.2	34.2	
12.[illegible]	15.4	18.9	25.6	30.8	32.1	34.5	35.6	35.7	37.2	37.4	37.6	37.8	37.8	37.8	37.8	
13.[illegible]	17.7	20.2	27.1	32.3	33.6	36.4	37.5	37.6	39.1	39.3	39.5	39.8	39.8	39.8	39.8	
15.[illegible]	19.4	22.1	29.8	36.[illegible]	37.2	40.9	42.4	42.7	44.4	44.6	44.8	45.1	45.1	45.1	45.1	
16.4	20.6	23.1	31.3	37.6	39.3	43.1	44.8	45.1	46.8	47.[illegible]	47.2	47.5	47.5	47.5	47.5	
17.[illegible]	22.2	25.[illegible]	34.2	41.0	42.7	47.[illegible]	49.1	49.4	51.6	51.9	52.3	52.5	52.5	52.5	52.5	
18.6	23.1	25.9	35.2	42.2	43.8	48.2	50.6	50.9	53.3	53.4	53.9	54.2	54.2	54.2	54.2	
[illegible].1	25.3	29.4	39.5	47.[illegible]	48.9	54.[illegible]	56.7	57.1	60.[illegible]	60.1	62.9	61.1	61.1	61.1	61.1	
21.[illegible]	27.8	31.4	43.7	51.5	53.5	59.[illegible]	62.4	63.[illegible]	66.[illegible]	66.[illegible]	67.2	67.4	67.4	67.4	67.4	
23.1	29.[illegible]	33.7	47.9	56.9	59.2	66.3	69.4	70.2	73.6	73.9	75.1	75.4	75.4	75.4	75.4	
24.2	31.1	34.[illegible]	48.6	58.8	60.4	67.7	71.0	71.7	75.3	75.8	77.0	77.3	77.3	77.3	77.3	
25.[illegible]	31.9	37.[illegible]	50.[illegible]	60.1	62.8	70.5	74.1	74.9	79.2	79.5	80.8	81.1	81.1	81.1	81.1	
27.[illegible]	31.1	35.1	51.1	61.2	63.1	71.3	75.4	76.1	80.9	81.6	83.1	83.3	83.3	83.3	83.3	
27.[illegible]	31.2	35.2	50.6	61.0	64.0	72.7	77.3	78.3	83.6	84.7	86.1	86.5	86.5	86.5	86.5	
27.[illegible]	31.3	35.5	51.9	61.2	64.3	73.6	78.7	79.7	85.9	87.[illegible]	88.6	89.1	89.3	89.3	89.3	
27.[illegible]	31.3	35.5	50.9	61.5	64.6	74.6	80.2	81.3	88.1	89.8	91.8	92.4	92.6	92.7	92.7	
23.[illegible]	31.3	35.5	50.9	61.5	64.6	74.6	80.7	81.8	88.9	90.9	93.2	94.4	95.1	95.7	96.3	
23.9	31.3	35.5	50.9	61.5	64.6	74.6	80.7	81.8	89.5	91.5	94.1	95.7	97.6	98.4	99.2	
27.9	31.3	35.5	50.9	61.5	64.6	74.6	80.7	81.8	89.5	91.5	94.1	95.7	97.9	98.7	99.9	
27.[illegible]	31.3	35.5	50.9	61.5	64.6	74.6	80.7	81.8	89.5	91.5	94.1	95.7	97.9	98.7	100.2	

TOTAL NUMBER OF OBSERVATIONS 792

USAF ETAC [illegible]

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

CEILING VERSUS VISIBILITY

[illegible] AIR FORCE 73-21 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

.0	1 .0	11.8	13.9	14.8	15.2	15.7	15.4	15.4	15.4	15.4	15.8	15.8	15.8	15.8	15.8	
.1	14.3	15.7	19.5	2 .8	21.3	21.4	21.5	21.5	21.9	21.9	22.3	22.3	22.3	22.3	22.3	
10.9	14.9	15.9	20.3	21.8	22.3	22.5	22.7	22.7	23.0	23.0	23.4	23.4	23.4	23.4	23.4	
10.1	15.2	16.0	2 .8	22.0	22.5	22.9	22.9	22.9	23.3	23.3	23.7	23.7	23.7	23.7	23.7	
10.	15.7	16.7	21.3	22.5	23.	23.4	23.5	23.5	24.1	24.1	24.4	24.4	24.4	24.4	24.4	
17.3	16.	16.5	21.4	22.9	23.4	23.8	23.9	23.9	24.6	24.6	24.9	24.9	24.9	24.9	24.9	
.1	16.8	17.8	22.7	24.2	24.7	25.1	25.2	25.2	25.8	25.8	26.2	26.2	26.2	26.2	26.2	
1 .4	17.2	18.2	23.2	24.8	25.3	25.8	25.9	25.9	26.6	26.6	27.0	27.0	27.0	27.0	27.0	
1 .3	18.5	19.6	25.7	27.6	28.1	29.6	28.9	28.9	29.5	29.5	29.9	29.9	29.9	29.9	29.9	
1 .6	18.7	19.9	26.1	28.5	29.0	29.6	29.9	30.0	30.8	30.8	31.1	31.1	31.1	31.1	31.1	
1 .6	18.7	19.9	26.1	28.5	29.0	29.6	29.9	30.0	30.8	30.8	31.1	31.1	31.1	31.1	31.1	
18.3	21.0	21.7	27.8	3 .3	30.8	31.5	31.9	32.0	32.8	32.8	33.2	33.2	33.2	33.2	33.2	
19.1	21.	22.4	29.6	32.2	32.7	33.5	34.2	34.4	35.2	35.3	35.7	35.7	35.7	35.7	35.7	
19.4	22.6	24.3	32.0	34.7	35.2	36.1	36.8	37.1	37.8	38.1	38.5	38.5	38.5	38.5	38.5	
.4	24.9	26.9	34.2	37.1	37.6	38.5	39.2	39.5	40.3	40.5	40.9	40.9	40.9	40.9	40.9	
23.7	26.9	3 .8	39.6	42.8	43.4	44.4	45.2	45.6	46.3	46.6	47.0	47.1	47.1	47.1	47.1	
25.1	30.5	32.3	41.3	44.6	45.2	46.2	47.1	47.5	48.2	48.5	48.9	49.0	49.0	49.0	49.0	
27.1	33.5	35.3	45.3	48.7	49.5	51.0	51.9	52.3	53.2	53.3	53.7	53.8	53.8	53.8	53.8	
28.4	34.9	36.8	46.8	50.3	51.0	52.7	53.5	53.9	55.1	55.3	55.7	55.8	55.8	55.9	55.8	
31.1	38.5	41.1	52.6	56.7	57.5	59.6	61.0	61.4	62.9	63.2	63.5	63.7	63.7	63.7	63.7	
33.9	40.7	45.9	59.1	63.9	64.9	67.3	69.0	69.7	71.6	71.9	72.3	72.4	72.4	72.4	72.4	
35.2	44.6	48.4	63.2	68.1	69.4	72.4	74.7	75.4	77.5	77.8	78.4	78.5	78.5	78.5	78.5	
36.3	45.2	48.7	63.9	69.2	70.6	74.3	76.7	77.5	79.6	79.9	80.4	80.5	80.5	80.5	80.5	
36.7	46.7	49.4	65.2	71.6	73.2	77.7	80.6	81.5	83.8	84.1	84.6	84.8	84.6	84.8	84.8	
36.7	46.7	49.9	66.2	73.0	74.8	80.4	84.1	84.9	87.2	87.5	88.0	88.4	88.4	88.4	88.4	
36.7	46.7	49.9	66.5	73.7	75.4	81.1	85.1	86.1	88.5	88.7	89.2	89.6	89.6	89.6	89.6	
36.9	46.9	50.1	67.1	74.4	76.3	83.4	87.7	88.9	91.6	91.9	92.4	93.2	93.2	93.2	93.2	
36.9	46.9	50.1	67.3	75.3	77.2	84.6	89.0	90.4	93.4	94.1	94.6	95.3	95.6	95.6	95.6	
36.9	46.9	50.1	67.3	75.3	77.2	84.7	89.1	90.5	94.3	94.9	95.6	96.8	98.7	98.1	98.1	
36.9	46.9	50.1	67.3	75.3	77.2	84.7	89.1	90.5	94.3	95.1	95.7	97.5	98.9	99.1	99.1	
36.9	46.9	50.1	67.3	75.3	77.2	84.7	89.1	90.5	94.3	95.1	95.7	97.7	99.2	99.5	99.5	
36.9	46.9	5 .1	67.3	75.3	77.2	84.7	89.1	90.5	94.3	95.1	95.7	97.7	99.4	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 792

USAF ETAC [illegible]

AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

FLIGHT AIRFIELD 73-81 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1830-1930

.6	1 .6	11.6	14.9	15.1	15.2	15.7	15.7	15.7	15.9	15.9	15.9	15.9	15.9	15.9	15.9	
1.3	1 .4	17.7	21.2	21.4	21.6	22.9	23.3	23.7	23.8	23.8	23.6	23.8	23.8	23.8	23.8	
11.3	15.7	17.3	21.7	21.9	22.3	23.3	23.8	23.8	24.3	24.3	24.3	24.3	24.3	24.3	24.3	
11.3	15.7	17.3	21.7	21.9	22.0	23.3	23.8	23.8	24.3	24.3	24.3	24.3	24.3	24.3	24.3	
11.3	15.7	17.3	22.2	22.2	22.4	23.8	24.3	24.3	24.8	24.8	24.8	24.8	24.8	24.8	24.8	
11.3	16.4	18.0	22.7	23.0	23.2	24.6	25.1	25.1	25.6	25.6	25.6	25.6	25.6	25.6	25.6	
3.	17.7	19.4	24.3	24.8	25.1	26.6	27.1	27.1	27.6	27.6	27.6	27.6	27.6	27.6	27.6	
3.3	. .	19.8	25.4	25.4	25.6	27.2	27.7	27.7	28.2	28.2	28.2	28.2	28.2	28.2	28.2	
14.1	19.4	21.7	27.1	27.7	28.0	30.5	30.5	30.5	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
.5	21.7	24.1	29.7	30.5	30.8	32.7	33.2	33.4	33.9	33.9	33.9	33.9	33.9	33.9	33.9	
.7	21.9	24.5	30.2	30.8	31.1	33.1	33.5	33.7	34.2	34.2	34.2	34.2	34.2	34.2	34.2	
15.6	23.7	25.9	31.6	32.4	32.7	35.2	35.8	35.7	36.1	36.1	36.1	36.1	36.1	36.1	36.1	
.7	24.8	27.9	33.9	34.9	35.2	37.4	37.9	38.2	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
17.1	26.7	30.1	36.5	37.4	37.8	40.2	40.7	41.1	41.5	41.5	41.7	41.7	41.7	41.7	41.7	
2.	27.2	30.7	40.4	41.5	41.8	44.2	44.9	45.2	45.7	45.7	45.9	45.9	45.9	45.9	45.9	
.3	34.	37.9	45.4	46.7	47.1	49.6	50.2	50.6	51.2	51.2	51.4	51.4	51.4	51.4	51.4	
.7	35.5	39.9	47.2	49.5	49.8	51.4	52.1	52.4	53.1	53.1	53.2	53.2	53.2	53.2	53.2	
.3	38.1	42.1	50.7	52.2	52.7	55.6	56.7	57.1	57.7	57.7	58.2	58.2	58.2	58.2	58.2	
.4	38.7	43.4	52.2	53.8	54.3	57.4	58.7	59.0	59.8	59.8	60.1	60.3	60.3	60.3	60.3	
2.1	41.2	45.9	56.6	58.7	59.2	62.6	64.2	64.3	65.5	65.5	66.2	66.3	66.3	66.3	66.3	
34.7	43.1	5 .9	63.7	66.3	67.4	71.9	73.9	74.2	75.9	76.2	77.1	77.5	77.5	77.5	77.5	
35.2	47.3	57.3	68.4	71.3	72.6	78.2	81.1	81.4	83.5	84.1	84.9	85.4	85.4	85.4	85.4	
35.2	47.3	53.6	68.9	72.0	73.4	78.8	82.0	82.3	84.4	85.1	86.1	86.5	86.5	86.5	86.5	
35.3	47.5	54.1	69.5	72.9	74.9	80.9	84.4	84.8	87.1	87.7	88.7	89.3	89.3	89.3	89.3	
35.5	47.8	54.6	70.7	74.6	76.7	83.6	87.2	87.5	90.1	90.6	91.6	92.2	92.2	92.2	92.2	
35.5	48.0	54.9	71.2	75.0	77.1	84.1	87.7	88.1	90.6	91.2	92.2	92.9	92.9	92.9	92.9	
35.5	48.1	54.9	71.3	75.7	77.8	84.9	88.5	88.8	91.4	92.1	93.1	93.7	93.7	93.7	93.7	
35.5	48.1	54.9	71.3	76.2	78.3	85.6	89.1	89.5	92.4	93.4	94.5	95.1	95.1	95.1	95.1	
35.5	48.1	54.9	71.3	76.2	78.3	85.9	89.5	89.8	92.9	94.1	95.5	96.6	97.4	97.4	97.4	
35.5	48.1	54.9	71.3	76.2	78.3	85.9	89.5	90.2	93.2	94.7	96.6	97.7	98.7	99.7	99.2	
35.5	48.1	54.9	71.3	76.2	78.3	85.9	89.5	90.2	93.2	94.7	96.6	97.9	98.9	98.9	99.4	
35.5	48.1	54.9	71.3	76.2	78.3	85.9	89.5	90.2	93.2	94.7	96.8	98.1	99.2	99.2	99.2	

TOTAL NUMBER OF OBSERVATIONS 417

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

2

CEILING VERSUS VISIBILITY

...FREIGHT AAF OL ... 73-81 ... JAN ...

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

...•2	8.2	9.4	12.6	14.2	14.4	15.4	15.8	15.8	16.3	16.3	16.5	16.5	16.5	16.5	16.5	
...•3	12.8	13.3	16.6	18.6	18.9	20.2	20.8	20.9	21.6	21.7	21.9	21.9	21.9	21.9	21.9	
...•8	11.4	13.7	17.2	19.2	19.5	20.9	21.5	21.5	22.3	22.4	22.6	22.6	22.6	22.6	22.6	
...•7	11.5	13.8	17.3	19.3	19.6	21.0	21.6	21.6	22.4	22.5	22.7	22.7	22.7	22.7	22.8	
...•8	11.6	13.9	17.5	19.6	19.9	21.4	22.0	22.0	22.8	22.9	23.1	23.1	23.1	23.1	23.1	
...•8	11.8	14.2	17.8	20.0	20.3	21.9	22.4	22.4	23.4	23.5	23.6	23.6	23.6	23.6	23.7	
...•9	12.8	14.9	19.0	21.3	21.7	23.2	23.8	23.9	24.8	24.9	25.0	25.0	25.1	25.1	25.1	
1...•4	13.5	14.9	19.8	22.2	22.6	24.2	24.8	24.9	25.8	25.9	26.1	26.1	26.1	26.1	26.1	
11...•	14.7	16.4	22.0	24.6	25.0	26.8	27.7	27.8	28.7	28.8	29.0	29.1	29.1	29.1	29.1	
17.0	15.6	17.4	23.1	26.1	26.5	28.4	29.3	29.4	30.3	30.5	30.7	30.7	30.7	30.7	30.8	
12.1	15.7	17.5	23.3	26.2	26.7	28.6	29.5	29.6	30.6	30.7	30.9	30.9	31.0	31.0	31.0	
13.9	16.9	18.9	25.0	28.1	28.6	30.8	31.8	32.0	33.0	33.1	33.3	33.4	33.4	33.4	33.4	
14.0	17.3	20.6	27.1	30.4	30.9	33.2	34.3	34.6	35.6	35.8	36.0	36.0	36.0	36.0	36.1	
15.5	20.1	22.5	29.7	33.2	33.7	36.1	37.3	37.5	38.7	38.9	39.2	39.2	39.2	39.2	39.3	
17.1	21.9	24.3	31.7	35.4	35.9	38.5	39.8	40.0	41.2	41.4	41.6	41.7	41.7	41.7	41.8	
19.9	25.0	27.4	35.6	40.0	40.6	43.6	44.9	45.3	46.6	46.8	47.0	47.1	47.2	47.2	47.2	
21.9	26.2	29.0	37.8	42.1	42.7	45.9	47.3	47.6	49.0	49.2	49.4	49.5	49.6	49.6	49.6	
22.2	28.5	31.4	41.1	45.8	46.6	50.3	52.0	52.3	53.8	54.1	54.4	54.5	54.6	54.6	54.6	
23.4	29.3	32.4	42.3	47.0	47.8	51.6	53.4	53.7	55.4	55.6	56.0	56.1	56.1	56.1	56.2	
26.4	31.7	35.2	46.8	52.1	53.2	57.2	59.4	59.8	61.8	62.1	62.5	62.7	62.7	62....	62.7	
27.4	34.9	39.1	52.1	58.2	59.3	64.1	66.6	67.3	69.7	70.0	70.6	70.9	70.9	70.9	70.9	
28.7	36.9	41.3	56....	62.9	64.2	69.9	73.2	73.7	76.5	77.2	77.8	78.1	78.1	78.1	78.1	
25.8	37.2	41.6	56.8	64.1	65.6	71.6	75.1	75.7	78.6	79.1	80.0	80.2	80.3	80.7	80.3	
29.1	37.6	42.2	57.9	65.9	67.5	74.3	78.2	79.9	82.1	82.6	83.5	83.8	83.8	83.8	83.8	
29.2	37.7	42.5	58.5	66.8	68.6	76.2	80.3	81.0	84.5	85.2	86.1	86.4	86.5	86.5	86.5	
29.2	37.8	42.6	58.9	67.4	69.3	77.1	81.5	82.4	86.2	87.0	87.9	88.3	88.4	88.4	88.4	
29.2	37.9	42.8	59.3	67.9	69.8	78.2	83.1	84.1	88.6	89.5	90.5	91.1	91.3	91.3	91.3	
29.2	37.9	42.9	59.3	68.4	70.3	79.0	84.2	85.4	90.4	91.7	93.0	93.7	93.9	94.2	94.2	
29.2	37.9	42.8	59.4	68.4	7 .3	79.1	84.7	85.8	91.4	92.9	94.5	95.6	96.4	96.7	96.9	
29.2	37.9	42.8	59.4	68.4	70.3	79.1	84.7	85.9	91.7	93.3	95.2	96.6	97.9	98.3	99.1	
29.2	37.9	42.8	59.4	68.4	70.3	79.1	84.7	85.9	91.7	93.3	95.3	96.8	98.3	98.3	99.7	
29.2	37.9	42.8	59.4	68.4	70.3	79.1	84.7	85.9	91.7	93.3	95.3	96.8	98.3	98.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 3151

USAF ETAC ... 0-134-5 (OL-A) ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

.7	1..6	17.	1.1	24.2	.4	27.4	28.6	29.1	30.0	30.0	30.2	30.2	7.	31.9	31.9			
.7	14.1	15.1	20.7	27.3	.4	29.1	71.4	31.5	32.7	32.7	32.9	33.1	33.1	33.5	33.5			
.7	14.1	14.1	27.1	26.4	28.4	29.1	71.6	31.6	73.2	33.2	73.3	33.3	33.7	34.1	34.1			
.7	14.1	15.1	27.1	26.4	28.8	29.1	31.6	31.6	33.2	33.2	33.3	33.3	33.7	34.1	34.2			
.7	14.1	16.1	27.1	26.4	28.9	29.1	71.9	32.1	73.3	33.7	73.4	33.4	33.7	34.1	34.1			
.1	14.3	17.2	23.5	27.1	27.6	3 .2	32.6	32.7	34.2	34.1	34.1	34.1	34.5	34.8	34.8			
9.7	15.	17.9	24.4	28.7	28.6	31.7	73.5	33.7	34.9	34.9	35.1	35.2	35.5	35.7	35.7			
7.1	15.6	18.5	25.0	29.0	29.5	32.3	34.6	34.1	36.2	36.1	36.1	36.1	36.5	36.8	36.8			
11.3	15.5	19.5	26.1	30.2	31.0	34.2	36.5	36.7	38.2	38.2	38.3	38.3	38.7	39.2	39.1			
11.4	16.3	19.3	26.9	31.3	31.9	35.2	37.6	37.8	39.4	39.4	39.5	39.5	40.1	40.3	40.2			
11.4	16.1	19.5	26.9	31.3	31.9	35.3	37.8	37.9	39.5	39.5	39.6	39.6	40.2	40.5	40.5			
11.5	17.5	20.4	27.5	31.8	32.5	36.2	38.4	38.6	40.2	40.2	40.6	40.6	41.1	41.4	41.4			
12.6	18.5	21.7	29.0	33.4	34.2	38.3	41.3	41.4	43.4	43.4	43.7	43.7	44.2	44.5	44.5			
13.1	18.9	22.3	30.2	35.0	35.9	40.1	43.2	43.2	45.7	45.7	46.1	46.2	46.5	46.8	46.8			
14.1	20.3	23.9	32.3	37.3	38.2	42.4	45.5	45.9	48.2	48.3	48.6	48.6	49.1	49.4	49.4			
14.7	21.5	25.6	34.5	40.7	41.1	45.7	49.1	49.5	52.4	52.5	52.8	52.8	53.2	53.6	53.6			
15.	23.1	27.3	36.7	42.5	43.3	48.3	52.1	52.2	55.5	55.8	56.0	56.0	56.6	56.8	56.8			
17.2	24.6	29.5	39.1	45.3	46.1	51.4	55.8	56.7	59.8	60.4	60.6	60.6	61.2	61.4	61.4			
17.5	24.5	29.9	39.6	46.0	46.8	52.5	56.8	57.9	61.0	61.5	61.5	61.8	62.4	62.7	62.7			
18.1	27.3	32.5	43.3	49.8	51.6	56.7	61.2	62.2	65.5	66.1	66.2	66.3	66.8	67.1	67.1			
18.6	28.4	33.1	44.9	51.8	52.8	59.3	64.3	65.5	68.9	69.4	69.7	69.8	70.4	70.6	70.6			
18.9	29.8	34.4	46.3	53.5	54.7	61.8	67.0	68.7	72.3	72.6	73.9	74.2	74.7	75.1	75.1			
20.0	29.0	34.5	47.0	54.7	55.9	63.3	68.9	70.4	74.3	75.6	75.9	76.2	76.7	77.2	77.2			
20.2	29.2	34.6	47.5	55.9	57.1	65.2	70.9	72.4	77.2	78.5	78.8	78.9	79.5	79.8	79.8			
20.2	29.2	34.6	47.9	56.4	57.6	65.9	72.4	74.2	79.2	80.9	81.1	81.2	82.	82.2	82.2			
20.2	29.2	34.6	47.9	56.6	57.8	66.6	73.3	75.2	80.4	82.1	82.5	82.8	83.5	83.9	83.9			
20.2	29.2	34.6	47.9	56.6	57.9	67.5	74.7	76.6	82.4	84.2	84.8	85.4	86.3	86.6	86.9			
20.2	29.2	34.6	48.1	57.0	58.3	68.2	75.9	78.2	84.6	86.6	87.1	87.7	88.6	89.2	89.4			
20.2	29.2	34.6	48.2	57.4	58.7	68.7	77.4	80.1	86.9	88.9	89.9	90.5	92.7	93.2	94.2			
20.2	29.2	34.6	48.2	57.4	58.7	68.9	77.7	80.4	88.2	90.1	91.1	92.3	95.1	95.8	96.9			
20.2	29.2	34.6	48.2	57.4	58.7	68.9	77.7	80.4	88.2	90.1	91.1	92.3	96.3	97.7	99.1			
20.2	29.2	34.6	48.2	57.4	58.7	68.9	77.7	80.4	88.2	90.1	91.1	92.3	96.9	97.7	100.0			

TOTAL NUMBER OF OBSERVATIONS 739

[redacted]

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

CEILING VERSUS VISIBILITY

[redacted] FRIGHT AAF [redacted] 73-81 [redacted] [redacted]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[redacted]	14.6	16.[illegible]	23.6	25.6	26.1	28.1	29.4	29.[illegible]	30.1	30.1	30.1	30.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[redacted]	11.[illegible]	13.[illegible]	17.[illegible]	26.[illegible]	28.4	28.9	31.1	32.7	32.7	33.4	33.4	33.4	33.4	33.4	33.5	33.5	33.5
[redacted]	11.[illegible]	14.1	17.[illegible]	26.4	28.8	29.3	31.5	33.1	33.1	33.5	33.5	33.5	33.5	33.9	33.9	33.9	34.1
[redacted]	11.[illegible]	14.2	17.[illegible]	26.5	28.9	29.4	31.7	33.2	33.2	33.9	33.9	33.9	33.9	33.9	34.1	34.2	34.2
[redacted]	12.[illegible]	14.5	18.[illegible]	26.6	29.2	29.7	31.9	33.5	33.5	34.2	34.2	34.2	34.2	34.2	34.3	34.3	34.4
[redacted]	13.3	16.[illegible]	19.[illegible]	27.2	29.7	30.2	32.5	34.[illegible]	34.[illegible]	34.7	34.7	34.7	34.7	34.7	34.8	34.8	35.0
[redacted]	13.2	17.[illegible]	19.[illegible]	28.4	31.1	31.7	33.9	35.5	35.5	36.1	36.1	36.1	36.1	36.3	36.3	36.3	36.4
[redacted]	14.[illegible]	18.3	21.1	29.6	32.7	33.2	35.5	37.2	37.2	37.9	37.9	37.9	37.9	38.0	38.0	38.0	38.1
[redacted]	15.2	19.[illegible]	22.[illegible]	31.5	35.2	35.9	38.3	40.2	40.2	41.[illegible]	41.[illegible]	41.2	41.2	41.7	41.7	41.[illegible]	[illegible]
[redacted]	16.[illegible]	21.6	23.[illegible]	32.7	36.1	36.8	39.6	41.7	41.8	42.7	42.7	42.9	42.9	43.[illegible]	43.[illegible]	43.[illegible]	43.1
[redacted]	17.[illegible]	22.0	24.3	33.1	36.5	37.2	40.1	42.2	42.6	43.4	43.4	43.5	43.5	43.7	43.7	43.[illegible]	[illegible]
[redacted]	18.[illegible]	22.8	24.8	34.0	37.6	38.3	41.2	43.3	43.8	44.5	44.5	44.6	44.6	44.7	44.7	44.7	44.9
[redacted]	18.9	23.2	25.5	34.8	39.1	40.0	43.0	45.6	45.9	47.0	47.0	47.1	47.1	47.2	47.2	47.2	47.4
[redacted]	19.[illegible]	24.7	27.4	37.5	41.8	42.7	45.8	48.5	48.8	49.9	49.9	50.0	50.1	50.3	50.3	50.3	50.4
[redacted]	19.3	24.3	29.[illegible]	39.7	44.3	45.3	48.4	51.2	51.5	52.6	52.6	52.8	52.9	53.0	53.0	53.0	53.2
[redacted]	20.[illegible]	27.6	31.[illegible]	41.3	46.4	47.4	50.5	53.4	54.2	55.3	55.3	55.5	55.7	55.8	55.8	55.8	55.9
[redacted]	21.4	28.6	31.9	43.1	48.4	49.3	52.8	55.7	56.2	57.5	57.7	58.0	58.2	58.3	58.3	58.3	[illegible]
[redacted]	22.[illegible]	30.3	33.9	45.9	51.2	52.2	56.1	59.2	60.2	62.3	62.4	62.6	62.9	63.1	63.1	63.1	63.2
[redacted]	22.4	30.9	34.4	46.6	52.1	53.3	57.5	61.7	62.8	64.1	64.2	64.6	64.8	64.9	64.9	64.9	65.0
[redacted]	24.4	33.5	37.2	49.5	55.4	56.7	61.1	65.4	66.5	67.8	67.9	68.3	68.5	68.6	68.6	68.6	68.7
[redacted]	24.7	34.7	38.7	51.7	58.3	59.8	64.5	69.1	70.2	71.6	71.8	72.2	72.3	72.4	72.4	72.5	72.6
[redacted]	24.[illegible]	35.5	39.7	53.7	60.3	61.7	67.4	72.4	73.5	75.5	76.1	76.5	76.6	76.8	76.8	76.8	76.9
[redacted]	24.9	36.[illegible]	41.4	54.7	61.6	63.1	68.9	74.4	75.5	77.4	78.1	78.5	78.6	78.8	78.8	78.8	78.9
[redacted]	24.9	36.[illegible]	42.8	55.7	62.7	64.4	70.6	76.8	77.8	80.6	81.5	81.9	82.2	82.3	82.3	82.3	82.3
[redacted]	24.9	36.[illegible]	42.8	55.7	62.8	64.8	71.1	77.6	78.9	82.1	83.4	83.9	84.4	84.6	84.6	84.6	84.7
[redacted]	24.9	36.[illegible]	42.8	55.7	62.8	64.9	71.6	78.1	79.7	83.0	84.3	84.8	85.9	86.2	86.2	86.1	86.1
[redacted]	24.9	36.[illegible]	42.9	55.7	62.8	64.9	72.0	78.9	80.6	84.8	86.4	86.9	88.3	88.4	88.5	88.6	88.7
[redacted]	24.[illegible]	36.1	42.9	55.6	63.1	65.2	72.7	80.9	82.8	87.7	89.4	90.2	91.7	92.2	92.6	92.6	92.7
[redacted]	24.9	36.2	41.[illegible]	55.9	63.2	65.3	72.8	81.1	83.2	88.4	90.2	91.7	94.1	95.6	95.9	96.[illegible]	[illegible]
[redacted]	24.9	36.3	41.[illegible]	55.9	63.2	65.3	73.[illegible]	81.4	83.5	88.8	90.6	92.3	95.3	98.[illegible]	98.7	98.9	[illegible]
[redacted]	24.9	36.3	41.[illegible]	55.9	63.2	65.3	73.0	81.4	83.5	88.8	90.6	92.3	95.3	98.[illegible]	99.1	99.[illegible]	[illegible]
[redacted]	24.9	36.3	41.3	55.9	63.2	65.3	73.0	81.4	83.5	88.8	90.6	92.3	95.4	98.2	99.2	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [redacted] 752

[redacted]

...AL CLIMATOLOGY BRANCH
...TEC
...PATH... SERVICE/MAC

2

CEILING VERSUS VISIBILITY

...FLIGHT SAFE...PL... 70-81 ... ...

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1111-2400

1	24.	27.5	36.2	0 .9	26.5	27.1	27.2	27.7	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
1+	24.7	28.7	3 .2	30.3	30.8	31.1	31.2	31.2	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
1?	24.7	28.5	3 .2	31.1	31.1	31.2	31.3	31.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
1?	24.8	28.5	3 .2	31.2	31.2	31.2	31.3	31.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
1	24 .4	27.	31.1	31.9	31.9	32.1	32.3	32.3	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
2	27 .6	28.1	32.3	33.5	33.6	33.7	33.9	33.9	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
2	27 .7	30.7	34.4	35.6	36.8	36.1	36.2	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
27.4	2 .6	31.2	35.3	36.6	36.9	37.2	37.3	37.3	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
3	31 .7	37.4	37.6	39.7	39.6	40.1	40.2	40.2	40.5	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.6
3	33.2	34.5	39.2	40.6	40.9	41.2	41.8	41.8	42.1	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.2
3	33.6	35.7	39.6	41.4	41.7	42.6	42.7	42.7	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1
3	34.2	35.8	40.6	42.2	42.5	43.4	43.5	43.6	43.8	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9
3	35.2	37.	41.8	43.4	43.8	44.7	44.8	44.8	45.2	45.2	45.2	45.4	45.4	45.4	45.4	45.4	45.4
3	36.4	38.5	43.7	45.2	45.6	46.6	46.7	46.7	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2
3	37.8	41.	46.4	48.1	48.4	49.3	49.5	49.6	49.9	49.9	49.9	50.0	50.0	50.0	50.1	50.1	50.1
3	42.5	45.1	51.1	52.6	53.	54.1	54.2	54.2	54.6	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
3	43.2	48.4	55.2	57.1	57.4	58.7	58.9	58.9	59.4	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8
3	48.8	52.5	61.5	63.9	64.3	66.4	66.8	66.8	67.5	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9
3	50.1	53.	63.4	65.7	66.1	68.4	68.9	68.9	69.6	69.9	69.8	70.	70.	70.	70.	70.	70.
3	54.6	59.7	69.4	72.6	73.1	76.2	76.9	76.9	77.5	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9
41.	55.7	61.4	72.4	76.6	77.6	81.0	82.3	82.3	82.9	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3
42.	56.6	62.3	73.8	78.3	79.4	84.2	85.6	85.6	86.4	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9
42.9	56.9	62.6	74.3	79.0	80.1	84.8	86.5	86.6	87.6	87.9	87.8	88.1	88.1	88.1	88.1	88.1	88.1
42.	57.4	63.1	75.	80.0	81.1	86.1	88.4	88.5	89.9	90.2	90.2	90.6	90.6	90.6	90.6	90.6	90.6
42.	57.4	63.2	75.3	80.6	81.6	86.8	89.3	89.6	91.0	91.3	91.4	92.1	92.1	92.1	92.1	92.1	92.1
42.	57.4	63.1	75.4	81.0	82.0	87.2	89.8	91.2	92.3	92.6	92.7	93.4	93.4	93.4	93.4	93.4	93.4
42.	57.4	63.1	75.4	81.2	82.3	87.8	90.6	91.	93.5	93.8	94.	95.0	95.1	95.1	95.1	95.1	95.1
43.	57.4	63.5	76.1	82.0	83.1	88.8	91.7	92.1	95.1	95.8	96.6	97.5	97.5	97.5	97.5	97.5	97.5
42.	57.5	63.8	76.2	82.1	83.2	88.9	91.8	92.2	95.2	96.	97.1	98.0	98.1	98.1	98.4	98.5	98.5
42.	57.5	63.8	76.2	82.1	83.2	88.9	91.8	92.2	95.4	96.2	97.2	98.5	98.7	99.7	99.9	99.9	99.9
42.	57.5	63.8	76.2	82.1	83.2	88.9	91.8	92.2	95.4	96.2	97.2	98.5	98.9	99.7	100.	100.	100.
42.	57.5	63.8	76.2	82.1	83.2	88.9	91.8	92.2	95.4	96.2	97.2	98.5	98.9	99.7	100.	100.	100.

TOTAL NUMBER OF OBSERVATIONS 256

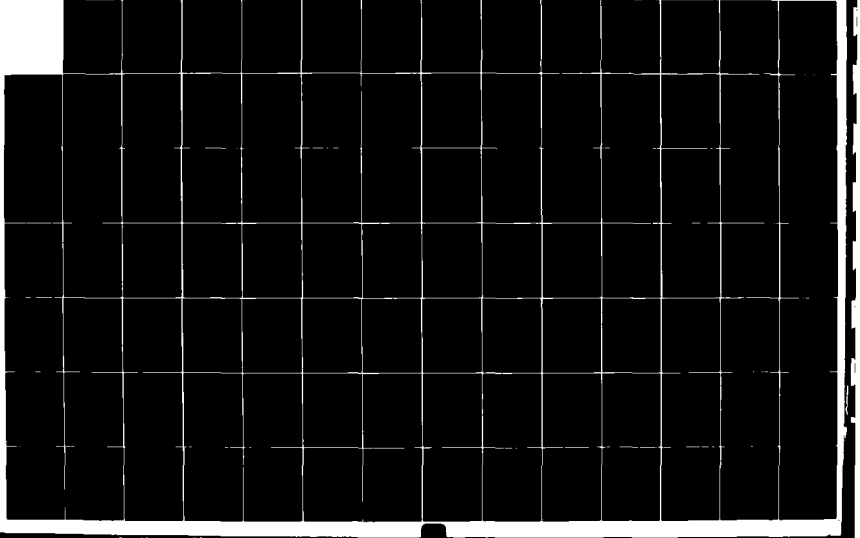
CEILING VERSUS VISIBILITY

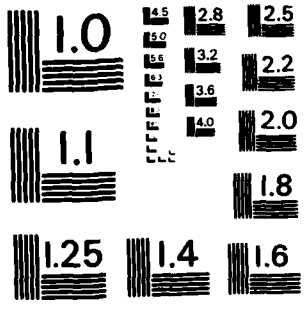
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

AD-A131 188 FEUCHT AAF GERMANY (WEST) REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSE..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAY 83

UNCLASSIFIED USAFETAC/DS-83/012 SBI-AD-E850 390 F/G 4/2 NL

2/3





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

[redacted]

[redacted] CLIMATOLOGY BRANCH

2 [redacted]

CEILING VERSUS VISIBILITY

[redacted]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[redacted]			24.4	[redacted]	26.6	27.9	28.6	29.0	29.3	29.3	29.4	29.4	29.5	29.6	29.6	
[redacted]		26.7	28.1	29.9	30.2	31.7	32.7	32.5	33.2	33.3	33.4	33.4	33.5	33.5	33.6	
[redacted]		27.7	29.0	30.7	30.5	32.0	33.0	33.1	33.5	33.6	33.6	33.6	33.6	33.6	33.6	
[redacted]		27.8	29.0	30.7	30.6	32.1	33.2	33.2	33.7	33.7	33.8	33.8	33.8	34.0	34.0	
[redacted]	24.2	29.7	30.3	31.0	31.2	32.7	33.8	33.9	34.4	34.4	34.4	34.4	34.5	34.6	34.7	
[redacted]	24.8	29.7	31.9	32.3	33.8	34.9	35.3	35.4	35.4	35.5	35.5	35.6	35.7	35.7		
[redacted]	25.3	29.8	31.3	33.6	34.1	35.6	36.7	36.7	37.3	37.3	37.3	37.3	37.5	37.5	37.6	
[redacted]	24.2	29.8	32.3	34.7	35.2	36.8	37.6	37.8	38.4	38.4	38.5	38.5	38.6	38.7	38.7	
[redacted]	26.7	29.8	34.4	37.1	37.6	39.4	40.7	40.7	41.3	41.3	41.4	41.4	41.6	41.7	41.7	
[redacted]	27.2	29.8	35.8	36.6	39.1	41.1	42.4	42.4	43.2	43.2	43.2	43.3	43.5	43.5	43.6	
[redacted]	27.8	29.9	36.1	39.0	39.6	41.6	42.9	43.0	43.7	43.7	43.8	43.8	44.0	44.1	44.1	
41.8	28.1	37.8	37.6	40.0	40.6	42.6	43.9	44.0	44.6	44.6	44.6	44.9	45.1	45.1	45.2	
[redacted]	28.3	31.0	38.5	41.6	42.2	44.6	46.2	46.3	47.2	47.2	47.3	47.3	47.5	47.6	47.6	
[redacted]	30.4	33.7	42.4	43.7	44.4	46.8	48.4	48.6	49.5	49.5	49.6	49.7	49.9	49.9	50.0	
34.7	32.7	35.7	43.3	46.8	47.4	49.9	51.5	51.7	52.7	52.7	52.8	52.9	53.1	53.1	53.2	
[redacted]	35.6	39.1	46.9	51.7	51.4	54.2	55.7	56.2	57.2	57.3	57.4	57.5	57.7	57.8	57.8	
[redacted]	37.6	41.2	49.7	53.6	54.2	57.1	58.9	59.2	60.4	60.6	60.6	60.9	61.1	61.1	61.2	
[redacted]	40.7	44.4	53.9	56.1	58.8	62.2	64.6	65.2	66.4	66.6	66.8	66.9	67.1	67.2	67.2	
30.4	[redacted]	45.	54.6	58.1	59.9	63.6	66.1	66.6	68.1	68.2	68.5	68.5	68.7	68.9	69.0	
30.3	43.7	49.4	58.9	63.6	64.5	68.7	71.3	71.8	73.2	73.4	73.6	73.7	73.9	74.0	74.2	
32.1	44.8	50.2	61.3	66.8	67.9	72.5	75.5	76.1	77.7	77.9	78.1	78.2	78.4	78.5	78.5	
33.1	45.4	50.9	62.8	68.5	69.7	75.2	78.5	79.1	81.1	81.6	81.8	82.1	82.2	82.3	82.3	
33.2	45.6	51.2	63.4	69.3	70.5	76.3	79.8	80.5	82.6	83.2	83.4	83.5	83.7	83.8	83.8	
33.4	45.9	51.5	64.0	70.3	71.6	77.9	81.8	82.5	85.2	85.9	86.1	86.3	86.5	86.6	86.6	
33.4	45.9	51.5	64.2	70.7	72.1	78.6	82.9	83.9	86.7	87.6	87.8	88.2	88.5	88.5	88.5	
33.4	45.9	51.6	64.3	70.9	72.4	79.1	83.6	84.7	87.9	88.8	89.1	89.6	89.8	89.9	89.9	
33.4	45.9	51.6	64.3	71.0	72.5	79.6	84.4	85.5	89.3	90.4	90.8	91.6	91.9	92.0	92.1	
33.4	45.9	51.6	64.6	71.4	72.9	80.2	85.6	86.8	91.1	92.3	93.1	93.8	94.3	94.5	94.6	
33.4	46.0	51.6	64.7	71.6	73.0	80.4	86.0	87.4	91.6	93.2	94.2	95.3	96.4	96.7	97.0	
33.4	46.0	51.6	64.7	71.6	73.0	80.5	86.2	87.5	92.2	93.7	94.8	96.3	97.9	98.6	98.9	
33.4	46.0	51.6	64.7	71.6	73.0	80.5	86.2	87.5	92.2	93.7	94.8	96.3	98.3	99.1	99.7	
33.4	46.0	51.6	64.7	71.6	73.0	80.5	86.2	87.5	92.2	93.7	94.8	96.3	98.4	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS 2971

[redacted]

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

.1	13.	14.	18.2	20.7	22.1	25.1	25.5	26.2	27.5	27.7	27.7	28.1	28.2	28.2	28.2	
17.3	17.	19.3	24.2	27.2	28.8	32.8	33.8	34.2	36.3	36.5	36.5	37.2	37.2	37.1	37.4	
17.4	17.2	19.4	24.3	27.7	29.2	33.3	34.3	34.5	36.7	37.0	37.0	37.5	37.5	37.5	38.1	
18.1	17.3	19.7	24.5	27.9	29.4	33.5	34.4	34.6	36.9	37.1	37.1	37.6	37.7	37.7	38.2	
18.1	17.6	20.4	25.3	28.7	30.3	34.2	35.3	35.8	37.7	38.0	38.0	38.4	38.5	38.5	39.1	
19.1	18.5	21.4	26.6	30.0	31.6	35.6	36.7	37.2	39.2	39.4	39.4	39.9	40.0	40.2	40.5	
19.6	19.6	22.7	27.5	32.1	33.7	38.0	39.1	39.5	41.6	41.8	41.8	42.3	42.5	42.6	42.9	
20.3	20.3	23.6	29.7	33.5	35.0	39.4	40.5	41.1	43.1	43.3	43.3	43.8	43.9	43.9	44.4	
20.5	20.5	24.0	30.1	34.1	35.6	40.1	41.2	41.8	43.8	44.0	44.0	44.5	44.6	44.7	45.1	
20.9	21.1	24.6	30.8	34.8	36.4	40.8	41.9	42.6	44.7	44.9	44.9	45.4	45.5	45.6	46.0	
21.1	21.3	24.8	31.1	35.2	36.8	41.3	42.4	43.1	45.2	45.4	45.4	45.9	46.0	46.1	46.5	
21.3	21.5	25.0	31.3	35.4	37.0	41.5	42.6	43.3	45.4	45.6	45.6	46.1	46.2	46.3	46.7

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

CEILING VERSUS VISIBILITY

[illegible] HEIGHT (IN HUNDREDS OF FEET) [illegible] [illegible] [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	[illegible]	21.2	24.8	27.6	28.2	29.6	29.7	29.7	30.0	30.2	30.3	30.3	30.1	[illegible]	[illegible]		
[illegible]	26.1	27.7	33.5	36.9	37.8	39.4	39.7	39.7	39.9	39.9	39.9	39.9	40.1	40.1	40.2		
[illegible]	21.4	28.1	33.9	37.4	38.3	39.9	40.1	40.1	40.4	40.4	40.4	40.4	40.7	40.8	40.9		
[illegible]	25.6	28.3	34.1	37.6	38.6	41.1	40.5	40.5	40.7	40.7	40.7	40.7	41.1	41.2	41.1		
[illegible]	25.7	29.5	35.4	38.9	39.9	41.5	41.6	41.8	42.1	42.1	42.1	42.1	42.7	42.8	42.9		
[illegible]	27.9	30.5	36.5	40.3	41.2	42.9	43.0	43.2	43.5	43.5	43.5	43.5	43.8	43.8	43.9		
28.1	28.7	30.6	38.6	42.1	43.1	44.9	45.2	45.2	45.5	45.5	45.5	45.5	45.7	45.7	45.8		
27.4	30.6	33.9	39.9	43.4	44.4	46.3	46.7	46.7	46.9	46.9	46.9	46.9	47.2	47.2	47.2		
28.6	32.5	35.7	41.6	45.5	46.4	48.4	48.7	48.7	49.1	49.1	49.1	49.2	49.5	49.5	49.5		
[illegible]	34.3	37.1	43.5	47.3	48.4	50.4	50.9	51.1	51.5	51.6	51.6	51.8	52.1	52.2	52.1		
[illegible]	34.2	37.6	44.0	47.8	48.9	50.9	51.4	51.6	52.0	52.1	52.1	52.2	52.5	52.5	52.6		
[illegible]	35.4	38.8	45.3	49.1	50.3	52.4	52.8	53.1	53.4	53.6	53.6	53.7	53.9	53.9	54.1		
[illegible]	37.2	41.5	47.4	51.1	52.4	54.8	55.3	55.5	55.9	56.0	56.0	56.1	56.2	56.3	56.5		
[illegible]	37.5	42.0	50.2	54.2	55.4	57.8	58.3	58.5	59.3	59.4	59.4	59.5	59.7	59.7	59.9		
31.7	41.9	44.4	51.8	55.7	57.1	59.5	60.1	60.3	61.1	61.2	61.2	61.3	61.5	61.5	61.7		
32.8	44.5	48.6	56.1	61.3	61.7	64.2	64.9	65.2	65.9	66.2	66.2	66.1	66.4	66.4	66.5		
33.7	47.2	51.7	59.9	63.2	64.7	67.2	68.3	68.6	69.4	69.5	69.5	69.6	69.9	69.9	[illegible]		
37.5	50.5	54.8	64.1	68.9	70.5	73.5	74.7	75.1	75.8	75.9	75.9	76.1	76.2	76.3	76.4		
37.8	51.0	55.3	64.8	70.0	71.6	75.0	76.2	76.4	77.3	77.4	77.4	77.5	77.6	77.8	77.9		
38.5	52.1	56.4	66.4	71.9	73.5	77.5	79.4	79.7	80.8	81.0	80.9	81.0	81.2	81.3	81.4		
39.4	54.1	58.9	69.0	75.2	76.9	81.7	84.3	84.5	86.1	86.2	86.2	86.3	86.6	86.6	86.7		
39.3	54.4	59.1	69.6	76.2	77.9	83.0	85.7	86.1	87.7	87.9	87.9	88.0	88.3	88.3	88.4		
39.9	54.8	59.5	70.3	76.7	78.4	83.9	86.7	87.1	88.8	89.1	89.1	89.2	89.5	89.5	89.6		
39.9	54.9	59.7	70.7	77.3	79.2	85.0	88.3	88.8	91.2	91.9	92.1	92.4	92.6	92.6	92.7		
[illegible]	55.1	60.2	71.0	77.8	79.8	86.1	89.8	90.2	93.0	93.8	94.2	94.4	94.7	94.7	94.8		
40.3	55.4	61.2	71.2	78.0	80.0	86.3	90.6	91.2	94.1	95.3	95.6	95.9	96.1	96.1	96.2		
40.3	55.4	60.2	71.2	78.2	80.3	86.8	91.7	92.3	95.3	96.5	97.0	97.2	97.5	97.5	97.6		
40.3	55.4	60.2	71.2	78.2	80.4	87.1	91.9	92.5	95.9	97.3	97.8	98.2	98.8	98.8	99.0		
40.3	55.4	60.2	71.2	78.2	80.4	87.2	92.0	92.6	96.1	97.6	98.1	98.5	99.6	99.6	99.8		
40.3	55.4	60.2	71.2	78.2	80.4	87.2	92.0	92.6	96.3	97.7	98.2	98.7	99.8	99.8	100.0		
40.3	55.4	60.2	71.2	78.2	80.4	87.2	92.0	92.6	96.3	97.7	98.2	98.7	99.8	99.8	100.0		
40.3	55.4	60.2	71.2	78.2	80.4	87.2	92.0	92.6	96.3	97.7	98.2	98.7	99.8	99.8	100.0		

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC [illegible]

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

		27.0	24.7	25.3	2 .2	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
		32.6	33.7	34.4	36.3	37.6	38.2	38.0	38.0	38.0	38.0	38.2	38.2	38.2	38.2	38.2
		33.2	33.7	35.	36.9	37.2	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
		33.2	34.	35.1	37.2	37.5	38.6	38.8	38.8	38.	38.6	38.6	38.8	38.8	38.8	38.8
		33.	33.2	36.7	38.5	38.8	4 .2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
		36.	36.3	37.4	39.6	4 .9	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
		38.	38.7	39.1	41.3	42.6	42.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
		39.8	39.8	40.9	42.5	43.8	44.1	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
		40.	40.1	40.8	42.3	44.4	45.8	46.2	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
		40.	40.7	41.3	43.3	46.0	47.4	48.1	48.7	48.7	49.	49.2	49.2	49.2	49.2	49.2
		40.	40.6	41.	43.7	46.7	48.1	48.9	49.5	49.5	49.7	49.7	49.7	49.7	49.7	49.7
		41.	41.4	41.4	44.0	46.5	48.2	49.8	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1
		41.	41.	41.7	44.5	47.0	48.9	51.6	52.4	52.4	52.6	52.6	52.6	52.6	52.6	52.6
		41.	41.4	42.	44.8	47.3	49.2	52.0	53.2	54.6	55.5	56.2	56.2	56.5	56.5	56.5
		41.	41.9	42.1	45.1	47.6	49.5	52.3	53.6	56.1	57.5	58.5	59.3	59.3	59.6	59.6
		42.	42.1	42.3	45.4	47.9	49.8	52.6	53.9	56.4	57.8	59.1	60.3	62.7	66.7	68.3
		42.	42.3	42.5	45.6	48.1	50.0	52.8	54.1	56.6	58.0	59.3	60.6	63.7	67.7	71.5
		42.	42.5	42.7	45.8	48.3	50.2	53.0	54.3	56.8	58.2	59.5	60.8	64.0	68.1	72.7
		42.	42.6	42.8	46.0	48.5	50.4	53.2	54.5	57.0	58.4	59.7	61.0	64.2	68.4	73.0
		42.	42.7	42.9	46.1	48.6	50.5	53.3	54.6	57.1	58.5	59.8	61.1	64.3	68.6	73.2
		42.	42.8	43.0	46.2	48.7	50.6	53.4	54.7	57.2	58.6	59.9	61.2	64.4	68.7	73.3

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1.	27.6	28.5	29.3	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	
.1	36.7	37.9	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
1.	37.8	39.	41.6	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
1.1	38.1	39.7	42.1	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
2.	38.7	39.9	42.7	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
2.4	39.2	40.4	43.3	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
3.	41.5	42.7	45.6	46.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
3.	42.2	43.4	46.9	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
3.	45.5	47.6	50.6	51.8	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
3.	46.7	48.4	51.6	53.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
3.	47.7	49.6	52.8	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
4.	48.7	50.7	54.4	55.9	56.2	56.2	56.2	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4
42.	51.6	53.7	57.1	58.8	59.1	59.1	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3
41.	56.7	58.7	62.5	64.4	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8
48.	58.4	60.4	66.5	68.8	69.1	69.1	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3
4.	60.1	62.	68.	73.	75.3	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7
5.	69.6	71.9	77.6	80.	80.3	80.3	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5
5.	74.5	77.7	84.5	87.1	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
6.	76.0	79.1	86.2	88.8	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
6.	77.3	80.3	88.3	91.4	91.9	91.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1
6.4	78.	81.1	90.2	94.0	94.5	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
7.	78.7	81.7	90.9	94.8	95.2	95.5	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
7.	78.5	81.	91.2	95.1	95.5	95.9	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
7.	78.8	81.6	91.9	95.7	96.2	96.6	96.9	96.9	97.1	97.2	97.2	97.4	97.4	97.4	97.4
7.	78.9	82.5	91.9	95.7	96.2	96.6	96.9	97.1	97.2	97.5	97.5	97.7	97.7	97.7	97.7
7.	78.9	82.8	92.3	96.3	96.8	97.5	97.8	98.0	98.6	98.9	98.9	99.1	99.1	99.1	99.1
7.	78.8	82.8	92.3	96.3	96.8	97.5	97.8	98.	98.6	98.9	98.9	99.1	99.1	99.1	99.1
7.	78.6	82.8	92.3	96.3	96.8	97.5	97.8	98.	98.6	98.9	98.9	99.1	99.4	99.4	99.4
7.	78.8	82.8	92.3	96.3	96.8	97.5	97.8	98.	98.8	99.1	99.1	99.2	99.5	99.5	99.5
7.	78.8	82.8	92.3	96.3	96.8	97.5	97.8	98.	98.8	99.1	99.1	99.2	99.5	99.7	99.7
7.	78.8	82.8	92.3	96.3	96.8	97.5	97.8	98.	98.8	99.1	99.1	99.2	99.8	[illegible]	[illegible]
7.	78.8	82.8	92.3	96.3	96.8	97.5	97.8	98.	98.8	99.1	99.1	99.2	99.8	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

[illegible] CLIMATOLOGY BRANCH

[illegible]

[illegible]

CEILING VERSUS VISIBILITY

[illegible] FLIGHT [illegible] [illegible] JULY [illegible] MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

[illegible]	.6	2	[illegible]	34.2	[illegible]	36.7	37.7	38.[illegible]	39.	[illegible]	39.5	39.5	39.6	39.[illegible]	[illegible]	[illegible]	
[illegible]	.8	31.1	33.9	36.2	37.2	38.4	38.7	38.[illegible]	39.4	39.5	39.5	39.6	39.7	39.7	39.[illegible]		
[illegible]	.7	30.[illegible]	34.4	36.8	37.6	39.0	39.3	39.[illegible]	40.[illegible]	40.1	40.1	40.2	40.[illegible]	40.7	40.[illegible]		
[illegible]	.9	32.[illegible]	34.7	37.0	37.8	39.2	39.6	39.7	40.2	40.2	40.3	40.4	40.[illegible]	40.[illegible]	40.7		
[illegible]	.7	31.9	35.7	38.1	38.8	40.3	40.6	40.7	41.2	41.4	41.4	41.5	41.[illegible]	41.[illegible]	41.7		
[illegible]	.6	32.7	36.8	39.1	39.9	41.4	41.8	41.[illegible]	42.5	42.5	42.6	42.7	42.7	42.7	42.9		
[illegible]	[illegible]	34.9	38.7	41.1	41.9	43.6	43.9	44.[illegible]	44.6	44.7	44.7	44.8	44.[illegible]	44.[illegible]	[illegible]		
[illegible]	[illegible]	35.7	40.[illegible]	42.5	43.3	44.9	45.3	45.4	46.2	46.1	46.1	46.2	46.[illegible]	46.2	46.4		
.4	[illegible]	38.2	42.7	45.3	46.2	47.9	48.3	48.4	49.1	49.[illegible]	49.2	49.4	49.[illegible]	49.[illegible]	[illegible]		
[illegible]	[illegible]	39.[illegible]	44.4	47.1	48.2	49.9	50.4	50.[illegible]	51.4	51.5	51.5	51.7	51.[illegible]	51.[illegible]	[illegible]		
[illegible]	[illegible]	40.1	45.2	47.7	48.6	50.[illegible]	51.[illegible]	51.[illegible]	52.[illegible]	52.1	52.1	52.3	52.4	52.[illegible]	[illegible]		
[illegible]	[illegible]	41.3	46.4	49.2	50.2	52.2	52.6	52.[illegible]	53.6	53.8	53.8	53.9	54.1	54.1	54.2		
[illegible]	43.7	43.4	47.7	51.6	52.[illegible]	54.8	55.3	55.[illegible]	56.4	56.5	56.5	56.7	56.8	56.[illegible]	[illegible]		
[illegible]	44.7	46.4	52.2	55.[illegible]	56.4	58.7	59.3	59.[illegible]	61.5	62.[illegible]	62.[illegible]	62.8	62.[illegible]	[illegible]	[illegible]		
[illegible]	45.[illegible]	48.[illegible]	54.8	58.[illegible]	59.1	61.5	62.1	62.4	63.4	63.5	63.[illegible]	63.7	63.[illegible]	63.[illegible]	64.1		
[illegible]	51.3	54.5	60.9	64.4	65.5	68.[illegible]	68.6	68.[illegible]	69.9	70.1	70.1	70.2	70.3	70.4	70.6		
[illegible]	54.2	57.7	64.4	68.1	69.3	71.[illegible]	72.7	73.[illegible]	74.2	74.3	74.3	74.5	74.6	74.[illegible]	74.[illegible]		
44.[illegible]	56.2	62.1	7[illegible].2	74.2	7[illegible].6	78.4	79.4	79.7	81.2	81.2	81.2	81.3	81.5	81.5	81.8		
45.[illegible]	58.9	62.8	71.3	75.4	76.9	80.[illegible]	80.9	81.2	82.5	82.7	82.8	82.9	83.[illegible]	83.1	83.3		
46.[illegible]	60.[illegible]	64.[illegible]	72.8	77.3	78.8	80.3	83.5	83.9	85.3	85.5	85.5	85.7	85.8	85.9	86.1		
46.[illegible]	61.2	65.3	74.6	79.7	81.3	85.5	87.[illegible]	87.3	89.[illegible]	89.[illegible]	89.3	89.4	89.6	89.6	89.9		
47.[illegible]	61.5	65.7	75.8	81.[illegible]	82.6	87.4	89.[illegible]	89.7	91.[illegible]	91.4	91.4	91.6	91.7	91.8	92.[illegible]		
47.1	61.7	66.[illegible]	76.1	81.3	82.9	88.[illegible]	89.6	89.9	91.7	92.1	92.2	92.3	92.4	92.[illegible]	[illegible]		
47.1	61.9	66.3	76.5	81.8	83.5	9[illegible].8	9[illegible].6	91.[illegible]	93.1	93.7	93.9	94.1	94.2	94.[illegible]	94.5		
47.[illegible]	62.0	66.3	76.6	82.0	83.6	89.7	91.4	91.8	94.1	94.8	95.[illegible]	95.7	95.8	95.4	[illegible]		
47.[illegible]	62.1	66.5	77.0	82.4	84.2	89.8	92.1	92.5	95.2	96.[illegible]	96.3	96.5	96.6	96.8	96.9		
47.[illegible]	62.1	66.6	77.0	82.6	84.4	90.[illegible]	92.6	93.1	96.[illegible]	97.[illegible]	97.2	97.5	97.6	97.7	97.9		
47.[illegible]	62.1	66.6	77.1	82.7	84.5	90.3	92.9	93.5	96.6	97.6	97.9	98.2	98.6	98.7	99.[illegible]		
47.[illegible]	62.1	66.6	77.1	82.7	84.5	90.3	92.9	93.6	96.8	97.8	98.1	98.5	99.[illegible]	99.[illegible]	99.5		
47.[illegible]	62.1	66.6	77.1	82.7	84.5	90.3	92.9	93.6	96.8	97.9	98.1	98.6	99.3	99.5	99.8		
47.[illegible]	62.1	66.6	77.1	82.7	84.5	90.3	92.9	93.6	96.8	97.9	98.2	98.6	99.5	99.6	99.9		
47.[illegible]	62.1	66.6	77.1	82.7	84.5	90.3	92.9	93.6	96.8	97.9	98.2	98.6	99.[illegible]	99.[illegible]	[illegible]		

TOTAL NUMBER OF OBSERVATIONS [illegible] 7313

[illegible]

[illegible] METEOROLOGY BRANCH
[illegible]

2 [illegible] SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] WEATHER AFB, [illegible] 70-81 [illegible] 0800-0859

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	21.7	24.[illegible]	35.2	37.2	37.5	42.4	42.1	42.4	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2	[illegible]
[illegible]	27.[illegible]	32.2	41.2	42.8	43.2	46.3	48.1	48.6	49.2	49.2	49.2	49.4	49.4	49.6	49.6	49.6	[illegible]
[illegible]	27.[illegible]	32.2	41.2	42.8	43.2	46.3	48.1	48.6	49.2	49.2	49.2	49.4	49.4	49.6	49.6	49.6	[illegible]
[illegible]	27.[illegible]	32.2	41.2	42.8	43.2	46.3	48.1	48.6	49.2	49.2	49.2	49.4	49.4	49.6	49.6	49.6	[illegible]
[illegible]	27.[illegible]	32.3	41.4	43.1	43.4	46.7	48.4	48.9	49.5	49.6	49.6	49.7	49.7	49.9	49.9	49.9	[illegible]
[illegible]	27.3	32.5	41.9	43.6	43.9	47.3	49.1	49.4	50.2	50.2	50.2	50.4	50.4	50.6	50.6	50.6	[illegible]
[illegible]	29.9	37.2	42.4	45.2	45.6	49.3	51.1	51.4	52.2	52.2	52.2	52.4	52.4	52.6	52.6	52.6	[illegible]
[illegible]	30.2	34.[illegible]	45.6	46.7	47.1	50.9	52.6	53.1	53.7	53.7	53.7	53.9	53.9	54.1	54.1	54.1	[illegible]
[illegible]	31.[illegible]	35.4	48.2	51.6	51.9	55.9	57.6	58.1	58.7	58.7	58.7	58.9	58.9	59.1	59.1	59.1	[illegible]
[illegible]	33.[illegible]	40.2	49.7	52.1	53.4	57.7	59.6	60.2	60.8	60.8	60.8	61.1	61.1	61.2	61.2	61.2	[illegible]
[illegible]	34.1	41.6	50.1	53.4	53.6	58.1	59.9	60.4	61.2	61.2	61.2	61.5	61.5	61.6	61.6	61.6	[illegible]
[illegible]	34.2	41.4	51.3	54.7	55.1	59.7	61.7	62.3	63.0	63.0	63.0	63.2	63.2	63.3	63.3	63.6	[illegible]
[illegible]	36.5	42.1	52.9	56.6	57.1	62.1	64.1	64.7	65.7	66.0	66.0	66.2	66.2	66.3	66.3	66.6	[illegible]
[illegible]	37.7	44.3	54.3	58.4	59.1	64.6	66.6	67.2	68.3	68.6	68.6	68.8	68.8	69.0	69.0	69.2	[illegible]
[illegible]	38.7	45.4	55.8	61.1	61.7	66.5	68.8	69.5	70.6	71.0	71.0	71.2	71.2	71.3	71.3	71.7	[illegible]
[illegible]	40.3	47.2	58.3	62.6	63.2	69.3	71.8	72.5	73.7	74.1	74.1	74.5	74.5	74.6	74.6	75.0	[illegible]
[illegible]	41.9	47.7	59.4	63.7	64.3	70.6	73.1	73.7	75.2	75.6	75.6	76.0	76.0	76.1	76.1	76.5	[illegible]
[illegible]	43.1	49.1	61.3	65.6	66.2	73.1	75.6	76.2	78.5	79.2	79.1	79.5	79.5	79.6	79.6	80.1	[illegible]
[illegible]	43.3	49.4	62.1	66.3	67.0	74.0	76.6	77.5	79.5	80.7	80.1	80.5	80.5	80.6	80.6	81.0	[illegible]
[illegible]	44.6	50.1	63.0	67.2	68.0	75.3	78.0	78.7	81.2	81.5	81.6	82.0	82.0	82.1	82.1	82.5	[illegible]
[illegible]	45.2	51.1	64.3	68.7	69.7	77.3	80.4	81.2	83.7	84.4	84.5	85.0	85.0	86.1	86.1	86.5	[illegible]
[illegible]	45.6	51.7	65.3	69.9	70.8	78.7	81.9	82.7	85.2	85.9	86.0	86.5	86.5	86.6	86.6	87.0	[illegible]
[illegible]	45.6	51.7	65.6	70.2	71.6	80.2	83.5	84.4	87.1	87.7	87.9	88.5	88.5	88.6	88.6	89.0	[illegible]
[illegible]	46.1	52.3	66.7	71.7	72.8	81.6	84.9	85.7	88.9	89.5	89.6	90.2	90.2	90.4	90.4	90.7	[illegible]
[illegible]	46.2	52.4	67.1	72.1	73.3	82.6	86.0	86.9	90.2	90.9	91.0	91.7	91.7	91.9	92.0	92.4	[illegible]
[illegible]	46.2	52.4	67.2	72.2	73.5	82.9	86.4	87.3	91.4	92.3	92.1	92.9	93.0	93.1	93.1	93.5	[illegible]
[illegible]	46.2	52.4	67.3	72.3	73.6	83.3	86.5	87.4	92.1	92.7	93.0	93.7	93.9	94.0	94.0	94.4	[illegible]
[illegible]	46.2	52.4	67.3	72.3	73.6	83.3	86.9	87.7	93.5	94.1	94.5	95.5	95.7	95.9	96.0	96.2	[illegible]
[illegible]	46.2	52.4	67.3	72.3	73.6	83.3	86.9	87.7	93.9	94.9	95.5	96.5	96.7	96.9	97.0	97.3	[illegible]
[illegible]	46.2	52.4	67.3	72.3	73.6	83.3	86.9	87.7	94.1	95.2	95.9	97.1	97.4	97.5	98.0	98.6	[illegible]
[illegible]	46.2	52.4	67.3	72.3	73.6	83.1	87.0	87.9	94.2	95.4	96.1	97.1	97.4	99.1	[illegible]	[illegible]	[illegible]
[illegible]	46.2	52.4	67.3	72.3	73.6	83.1	87.0	87.9	94.2	95.4	96.2	97.1	97.9	98.1	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 799

AIR CLIMATOLOGY BRANCH
TAC
ATLAS STRATOJAX

CEILING VERSUS VISIBILITY

[illegible] JOINT AIR [illegible] 73-81 SE

PERCENTAGE FREQUENCY OF OCCURRENCE
[illegible] HOURLY OBSERVATIONS

1949-1955

[illegible]	33.4	34.7	37.0	37.2	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
[illegible]	43.2	44.1	44.4	44.2	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
[illegible]	43.5	44.7	43.7	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
[illegible]	43.5	44.7	43.7	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
[illegible]	43.9	44.7	44.1	44.6	44.8	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
[illegible]	41.7	43.2	44.1	44.5	44.8	46.1	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
[illegible]	44.1	44.1	47.5	48.4	48.4	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
[illegible]	45.1	45.1	48.5	49.5	49.5	49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
[illegible]	47.2	47.8	53.5	54.6	54.7	54.8	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
36.4	48.3	51.9	54.6	55.9	56.1	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
[illegible]	48.1	51.7	55.7	56.8	56.9	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
37.1	50.2	53.1	56.9	58.0	58.2	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
37.7	51.1	53.8	57.9	59.0	59.2	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
[illegible]	54.1	59.4	61.3	62.6	62.7	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
40.7	55.1	59.2	63.5	64.9	65.1	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
45.1	61.5	64.9	69.9	71.5	71.7	71.9	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
47.7	63.3	67.7	72.6	73.9	73.9	74.3	74.6	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
49.9	67.3	70.7	76.6	78.2	78.1	79.1	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
[illegible]	69.8	71.4	77.8	79.9	79.2	80.2	80.8	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
51.2	69.6	73.3	79.5	81.6	82.1	83.3	84.2	84.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
50.7	71.9	75.6	82.8	85.4	86.0	87.9	88.5	88.5	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
52.1	72.6	76.7	84.3	87.5	88.2	90.1	91.1	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
52.1	72.6	76.7	84.4	88.0	88.7	91.1	92.2	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
52.1	73.0	77.1	85.4	89.1	89.9	92.6	93.7	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
52.2	73.3	77.5	86.1	89.9	90.6	93.4	94.9	95.1	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
52.2	73.3	77.6	86.5	90.2	91.2	93.8	96.0	96.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
52.2	73.3	77.6	86.5	90.5	91.2	94.2	96.5	96.7	97.6	97.6	98.1	98.4	98.4	98.4	98.4	98.4	98.4
52.2	73.3	77.6	86.5	90.5	91.2	94.2	96.5	96.7	97.6	97.8	98.3	98.5	98.6	98.9	98.9	98.9	98.9
52.2	73.3	77.6	86.5	90.5	91.2	94.2	96.7	96.9	97.9	99.1	98.6	99.1	99.2	99.4	99.4	99.4	99.4
52.2	73.3	77.6	86.5	90.5	91.2	94.2	96.7	96.8	98.0	98.5	99.1	99.6	99.8	99.9	99.9	99.9	99.9
52.2	73.3	77.6	86.5	90.5	91.2	94.2	96.7	96.8	98.0	98.5	99.1	99.6	99.8	99.9	99.9	99.9	99.9
52.2	73.3	77.6	86.5	90.5	91.2	94.2	96.7	96.8	98.0	98.5	99.1	99.6	99.8	99.9	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____ [illegible]

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

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

CEILING VERSUS VISIBILITY

...LIGHT AFB, OH ... 72-81 ... 68

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

...6	71.4	31.4	31.4	31.4	31.4	31.4	71.4	31.4	71.4	31.4	31.4	31.4	71.4	31.4	71.4	
...3	7 .6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	
...4	.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	
...4	.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	
...4	.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	
34.5	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	
35.7	43.5	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	
37.3	45.2	45.3	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	
41.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	
41.4	52.2	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	
42.7	53.0	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	
45.6	56.3	56.7	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	
.2	62.6	62.6	62.7	62.9	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	
65.3	68.6	69.	69.1	69.3	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	
66.4	73.2	73.6	73.7	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	
.6	83.1	83.4	83.6	83.7	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	
67.5	85.2	85.6	85.9	86.1	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	
67.1	87.7	88.2	88.7	88.8	89.0	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	
67.1	88.0	88.5	89.5	89.7	89.8	90.3	90.3	90.7	90.5	90.5	90.5	90.5	90.5	90.5	90.5	
69.5	88.7	89.2	90.1	90.3	90.5	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	
70.1	90.0	90.6	92.3	92.4	92.8	93.9	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	
7 .6	9 .6	91.8	94.1	94.4	94.7	95.7	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	
7 .6	9 .6	92.1	94.6	94.9	95.2	96.2	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
7 .8	91.2	92.3	94.7	95.1	95.4	96.7	96.9	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
7 .8	91.1	92.3	94.9	95.6	95.9	97.2	97.4	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	
7 .8	91.0	92.3	94.9	95.7	96.2	97.5	97.9	97.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
7 .8	91.1	92.4	95.1	95.9	96.4	97.9	98.4	98.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
7 .8	91.1	92.4	95.1	95.9	96.4	97.9	98.4	98.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
7 .8	91.1	92.4	95.1	95.9	96.4	97.9	98.4	98.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	
7 .8	91.1	92.4	95.1	95.9	96.4	97.9	98.4	98.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	
7 .8	91.1	92.4	95.1	95.9	96.4	97.9	98.4	98.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	
7 .8	91.1	92.4	95.1	95.9	96.4	97.9	98.4	98.4	99.5	99.5	99.7	99.71	0.21	0.21	0.2	

TOTAL NUMBER OF OBSERVATIONS 623

...SAF ETAC ... PREVIOUS EDITIONS ARE OBSOLETE

2

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] SEP.[illegible]/WAC

CEILING VERSUS VISIBILITY

[illegible] [illegible] FLIGHT [illegible] [illegible] 73-81 [illegible] [illegible] [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

[illegible]	30.1	31.[illegible]	34.1	34.[illegible]	34.6	35.[illegible]	35.9	36.[illegible]	36.2	36.2	36.2	36.[illegible]	36.[illegible]	36.[illegible]	[illegible]	
.2	38.4	39.7	41.2	42.0	42.1	43.2	43.5	43.6	43.7	43.7	43.7	43.8	43.8	43.8	43.9	
[illegible]	38.6	39.[illegible]	41.4	42.3	42.4	43.2	43.7	43.[illegible]	44.[illegible]	44.[illegible]	44.[illegible]	44.[illegible]	44.[illegible]	44.[illegible]	44.1	
[illegible]	38.7	39.[illegible]	41.5	42.4	42.5	43.3	43.8	43.[illegible]	44.2	44.2	44.[illegible]	44.1	44.1	44.1	44.2	L
[illegible]	38.9	39.[illegible]	41.7	42.6	42.7	43.5	44.0	44.1	44.3	44.3	44.3	44.4	44.4	44.4	44.5	F
[illegible]	39.8	39.[illegible]	42.[illegible]	43.0	43.7	44.6	45.1	45.[illegible]	45.4	45.4	45.4	45.5	45.[illegible]	45.5	45.[illegible]	
[illegible]	41.[illegible]	41.[illegible]	44.7	45.7	45.8	46.[illegible]	47.2	47.4	47.[illegible]	47.[illegible]	47.5	47.6	47.6	47.6	47.7	
[illegible]	44.[illegible]	46.[illegible]	47.[illegible]	47.1	47.2	48.2	48.7	49.[illegible]	49.[illegible]	49.[illegible]	49.[illegible]	49.[illegible]	49.[illegible]	49.[illegible]	49.[illegible]	
[illegible]	44.8	47.4	51.[illegible]	51.8	52.[illegible]	53.[illegible]	53.5	53.6	53.7	53.7	53.7	53.8	53.[illegible]	53.[illegible]	[illegible]	
[illegible]	46.1	47.[illegible]	52.0	53.2	53.[illegible]	54.5	55.[illegible]	55.2	55.3	55.3	55.3	55.4	55.4	55.4	55.[illegible]	
[illegible]	46.8	48.4	52.6	54.0	54.1	55.2	55.8	55.9	56.1	56.1	56.1	56.1	56.[illegible]	56.[illegible]	56.[illegible]	
[illegible]	4[illegible].7	51.[illegible]	54.8	55.9	56.[illegible]	57.3	57.9	58.[illegible]	58.2	58.2	58.2	58.2	58.2	58.[illegible]	58.[illegible]	
[illegible]	51.[illegible]	54.[illegible]	57.8	59.0	59.2	60.[illegible]	61.2	61.3	61.6	61.[illegible]	61.7	61.[illegible]	61.[illegible]	61.[illegible]	61.9	
[illegible]	55.2	58.[illegible]	61.7	63.1	63.3	64.[illegible]	65.4	65.[illegible]	65.[illegible]	65.9	65.9	66.[illegible]	66.[illegible]	66.[illegible]	66.1	
[illegible]	58.[illegible]	61.[illegible]	64.7	66.[illegible]	66.5	67.[illegible]	68.7	68.[illegible]	69.1	69.2	69.2	69.3	69.3	69.3	69.4	
[illegible]	64.6	67.7	71.9	73.5	73.7	75.4	76.1	76.[illegible]	76.6	76.[illegible]	76.[illegible]	76.8	76.[illegible]	76.[illegible]	[illegible]	L
[illegible]	66.7	69.[illegible]	74.2	75.[illegible]	76.1	77.9	78.6	78.[illegible]	79.2	79.[illegible]	79.3	79.4	79.4	79.5	79.6	C
[illegible]	69.6	73.[illegible]	77.6	79.3	79.6	81.7	82.4	82.6	83.1	83.4	83.4	83.5	83.[illegible]	83.6	83.7	
[illegible]	70.3	73.6	78.6	8[illegible].4	8[illegible].7	82.8	83.6	83.8	84.5	84.7	84.7	84.8	84.[illegible]	84.[illegible]	84.9	
[illegible]	71.5	75.1	80.3	83.2	82.6	84.9	85.8	86.[illegible]	86.7	86.9	86.9	87.2	87.[illegible]	87.[illegible]	87.1	
[illegible]	72.8	76.6	82.6	84.6	85.2	87.9	88.9	89.1	9[illegible].[illegible]	90.1	90.2	90.3	90.[illegible]	90.[illegible]	90.4	
[illegible].1	73.5	77.6	83.9	86.1	86.8	89.7	90.7	91.[illegible]	91.8	92.[illegible]	92.[illegible]	92.2	92.2	92.2	92.3	
5.1	73.6	77.7	84.1	86.6	87.3	90.5	91.6	91.8	92.6	92.9	93.[illegible]	93.2	93.2	93.[illegible]	93.3	
[illegible].2	74.[illegible]	78.2	84.9	87.4	88.1	91.6	92.7	93.[illegible]	94.2	94.3	94.3	94.5	94.5	94.6	94.7	
5.2	74.1	78.4	85.2	87.8	88.6	92.2	93.6	93.9	95.2	95.4	95.4	95.7	95.7	95.7	95.8	
5.2	74.1	78.4	85.3	88.[illegible]	88.8	92.6	94.2	94.5	96.2	96.3	96.5	96.7	96.7	96.8	96.9	
5.2	74.1	78.5	85.4	88.2	89.[illegible]	92.8	94.6	94.9	96.7	96.9	97.1	97.4	97.5	97.5	97.6	
5.2	74.1	78.5	85.4	89.2	89.[illegible]	92.9	94.8	95.1	97.2	97.4	97.7	98.2	98.[illegible]	98.3	98.4	
5.2	74.1	78.[illegible]	85.4	89.2	89.[illegible]	92.9	94.9	95.[illegible]	97.4	97.7	98.1	98.6	98.[illegible]	98.[illegible]	98.[illegible]	
5.2	74.1	78.5	85.4	88.2	89.[illegible]	92.9	94.9	95.2	97.5	97.[illegible]	98.4	98.9	99.2	99.[illegible]	99.6	
5.2	74.1	78.[illegible]	85.4	88.2	89.0	92.9	94.9	95.2	97.6	98.[illegible]	98.4	98.9	99.[illegible]	99.4	99.[illegible]	L
5.2	74.1	78.[illegible]	85.4	88.2	89.0	92.9	94.9	95.2	97.6	98.[illegible]	98.4	99.2	99.4	99.[illegible]	[illegible]	F

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

CEILING VERSUS VISIBILITY

2

TOTAL NUMBER OF OBSERVATIONS

[redacted] CLIMATOLOGY BRANCH
[redacted]
[redacted] SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[redacted] WEIGHT AFB, OH [redacted] 73-81 [redacted] MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

33.3	41.6	42.6	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
37.6	48.1	49.7	51.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
37.1	48.2	49.8	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
37.1	48.2	49.8	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
37.2	48.7	50.4	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
37.6	49.7	51.6	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
38.7	50.8	52.7	54.9	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
39.3	51.6	53.5	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
42.4	55.4	57.8	60.3	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
43.1	56.3	58.6	61.3	61.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
43.3	56.9	59.2	61.9	62.3	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
44.6	58.1	60.6	63.6	64.1	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
45.4	59.5	61.9	65.3	65.8	65.8	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
47.4	62.7	65.2	69.5	70.1	70.1	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
47.6	64.7	67.6	72.2	72.8	72.8	73.5	73.6	77.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
53.4	69.5	72.9	77.9	78.5	78.5	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
55.4	72.2	75.6	81.1	81.8	81.8	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
58.1	77.2	80.6	86.6	87.3	87.3	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
59.3	77.8	81.2	87.4	88.4	88.4	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
60.7	79.5	82.9	89.5	90.5	90.6	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
61.4	80.7	84.1	91.3	92.4	92.6	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
61.4	81.4	85.1	93.4	94.6	94.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
61.4	81.4	85.1	93.4	94.6	94.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
61.4	81.4	85.1	93.4	94.9	95.5	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
61.4	81.4	85.1	93.4	94.9	95.6	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
61.4	81.4	85.1	93.4	95.0	95.7	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
61.4	81.4	85.1	93.4	95.1	96.0	98.5	98.8	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
61.4	81.4	85.1	93.4	95.1	96.0	98.5	98.8	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
61.4	81.4	85.1	93.4	95.1	96.0	98.5	98.9	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
61.4	81.4	85.1	93.4	95.1	96.0	98.5	98.9	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
61.4	81.4	85.1	93.4	95.1	96.0	98.5	98.9	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
61.4	81.4	85.1	93.4	95.1	96.0	98.5	98.9	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 619

[redacted]

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[redacted] CLIMATOLOGY BRANCH
[redacted]

CEILING VERSUS VISIBILITY

[redacted] FLIGHT [redacted] 70-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1930-1960

	36.4	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
	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	58.6	58.6	58.6
	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
	71.2	71.4	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
	77.2	77.3	77.8	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.1
	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	83.1	83.1	83.3
	86.4	87.3	87.4	87.4	87.4	87.9	87.9	87.9	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.2
	89.6	89.7	91.6	91.7	91.7	91.7	91.2	91.2	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.6
	91.6	91.9	92.2	92.4	93.4	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.5
	91.7	92.1	93.4	93.5	93.5	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.7
	91.5	92.4	94.2	94.4	94.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.7
	93.2	93.5	95.4	95.7	96.2	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.7
	93.2	93.5	95.7	96.2	96.5	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	98.2
	93.4	93.7	95.9	96.2	96.7	97.8	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.3
	93.4	93.7	96.2	96.5	97.0	98.2	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.7
	93.4	93.7	96.2	96.5	97.0	98.2	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.7
	93.4	93.7	96.2	96.7	97.4	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	99.2
	93.4	93.7	96.4	96.9	97.5	98.7	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.7
	93.4	93.7	96.4	96.9	97.5	98.7	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.7
	93.4	93.7	96.4	96.9	97.5	98.7	99.3	99.3	99.7	99.8	99.8	99.8	99.8	99.8	100.0	
	93.4	93.7	96.4	96.9	97.5	98.7	99.3	99.3	99.7	99.8	99.8	99.8	99.8	99.8	100.0	
	93.4	93.7	96.4	96.9	97.5	98.7	99.3	99.3	99.7	99.8	99.8	99.8	99.8	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS [redacted] 624

[redacted]

...AL CLIMATOLOGY BRANCH
...TEC
...AFB, SERIES/MRC

2

CEILING VERSUS VISIBILITY

...EGHT AAF AL... 73-81 ... MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS ALL

...*	3...*	37....	38.5	39.0	39.1	39.7	39.9	39.9	4...*	4...*	4...*	4...*	4...*	4...*	...*		
34....	44.3	45.7	47.2	47.8	47.9	48.6	48.9	48.9	49.2	49.1	49.1	49.1	49.1	49.1	49.4		
...*	44.6	47.6	47.6	48.1	48.2	49.0	49.2	49.3	49.3	49.4	49.4	49.4	49.5	49.5	49.7		
...*	44.7	48.7	47.7	48.2	48.3	49.1	49.3	49.3	49.4	49.5	49.5	49.5	49.5	49.5	49.8		
...4	48.3	48.4	48.4	48.8	49.1	49.8	50.1	50.1	50.2	50.3	50.3	50.3	50.3	50.3	50.5		
...4	48.7	49.7	50.1	50.8	50.6	51.7	51.7	52....	52.1	52.1	52.1	52.1	52.2	52.2	52.4		
...4	4...*	51.4	52.1	52.8	53.0	53.3	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.8		
...*	5...*	51.1	53.2	53.9	54.0	54.9	55.1	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4		
1...	53.7	54.8	57.4	58.3	58.4	59.4	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	60.2		
2...	55.1	56.4	58.9	59.9	60.2	61.2	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	62.1		
3...	56.1	57.4	59.9	61.0	61.7	62.3	62.6	62.6	62.7	62.7	62.8	62.8	62.8	62.8	63.1		
4...	58.4	59.6	62.0	63.6	63.8	65.1	65.4	65.5	65.6	65.6	65.7	65.7	65.7	65.7	66.2		
5...	61.5	63....	66.9	67.7	67.2	68.5	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.4		
7...	65.1	66.7	70.2	71.4	71.6	72.2	72.3	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.9		
7...	68.5	71.1	73.8	74.1	75.2	76.9	77.1	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.7		
8...	71.1	75.7	79.6	80.3	80.4	82.1	82.5	82.6	82.7	82.8	82.8	82.8	82.8	82.8	83.1		
...*	75.7	77....	82.6	83.4	83.5	85.3	85.6	85.7	85.8	85.9	86....	86.1	86....	86.1	86.3		
...4	78.7	81.4	85.3	86.7	86.9	88.8	89.1	89.2	89.5	89.5	89.6	89.6	89.6	89.6	89.9		
...8	7...8	8...*	85.6	87.5	87.7	89.6	90.0	90.1	90.3	90.4	90.4	90.4	90.5	90.5	91.7		
1...6	81.0	82.2	87.5	89.2	89.6	91.5	91.9	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.6		
2...1	8...*	83.7	88.6	90.8	91.1	93.4	93.6	94....	94.2	94.3	94.3	94.3	94.4	94.4	94.7		
...3	81.2	87.4	89.9	91.9	92.3	94.9	95.3	95.5	95.7	95.9	95.9	95.9	96.2	96.2	96.2		
2...4	81.2	87....	90....	92.1	92.5	95.1	95.6	95.8	96....	96.2	96.3	96.3	96.3	96.3	96.6		
2...4	81.3	87.4	90.4	92.6	93.3	96.2	96.7	96.9	97.2	97.4	97.4	97.4	97.5	97.5	97.8		
2...4	81.3	87.5	90.4	92.7	93.3	96.1	96.9	97....	97.4	97.5	97.6	97.6	97.7	97.7	97.9		
2...4	81.4	87.5	90.5	92.8	93.5	96.3	97.1	97.3	97.7	97.9	97.9	97.9	98.0	98.1	98.2		
2...4	81.4	87.5	90.5	92.8	93.5	96.5	97.5	97.9	98.6	98.8	98.8	98.9	98.9	98.9	99.0		
2...4	81.4	87.5	90.5	92.8	93.5	96.5	97.6	97.9	98.8	99.2	99.2	99.2	99.1	99.1	99.5		
2...5	81.4	87.5	9...5	92.8	93.6	96.5	97.6	97.9	99.0	99.3	99.3	99.3	99.4	99.4	99.6		
2...5	81.4	87.5	9...5	92.8	93.6	96.5	97.6	97.9	99.2	99.3	99.4	99.4	99.5	99.5	99.9		
2...5	81.4	87.5	9...5	92.8	93.6	96.5	97.6	97.9	99.2	99.3	99.4	99.5	99.6	99.6	100....		
...1	81.4	87.5	9...5	92.8	93.6	96.5	97.6	97.9	99.2	99.3	99.4	99.5	99.6	99.6	100....		

TOTAL NUMBER OF OBSERVATIONS 7...15

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0.1	2.[illegible]	31.1	35.7	37.6	37.8	38.9	38.0	38.9	39.1	39.1	39.3	39.3	39.7	39.7	39.7	39.6
0.4	33.5	37.6	41.8	43.2	43.2	44.3	44.3	44.4	44.7	44.7	44.8	44.8	45.1	45.1	45.1	45.3
0.6	33.7	37.9	41.2	43.	43.7	44.7	44.7	44.9	45.2	45.2	45.2	45.3	45.6	45.6	45.6	45.7
0.6	33.7	37.9	41.7	43.8	43.9	44.9	44.9	45.2	45.5	45.5	45.6	45.6	45.9	45.9	45.9	46.2
0.7	34.1	38.2	41.7	44.2	44.3	45.3	45.3	45.6	45.8	45.8	46.0	46.0	46.3	46.3	46.3	46.6
0.7	34.7	38.2	42.3	44.9	46.1	46.1	46.1	46.6	46.8	46.8	47.0	47.0	47.2	47.2	47.2	47.5
0.7	36.7	39.2	44.7	47.9	48.[illegible]	49.1	49.2	49.7	50.[illegible]	50.[illegible]	50.1	50.1	50.4	50.4	50.4	50.8
0.7	37.9	41.3	46.3	49.5	49.6	50.9	50.9	51.4	51.6	51.6	51.8	51.8	52.[illegible]	52.2	52.2	52.4
1.2	41.[illegible]	43.9	50.4	53.7	53.8	55.2	55.4	55.9	56.3	56.3	56.4	56.4	56.7	56.7	56.7	57.1
1.3	42.2	46.4	53.2	57.1	57.4	59.5	60.0	60.5	60.9	61.1	61.1	61.1	61.4	61.4	61.4	61.7
1.3	43.3	47.[illegible]	53.7	57.6	58.1	60.2	60.7	61.2	61.6	61.7	61.9	61.9	62.1	62.1	62.1	62.5
1.5	44.7	48.4	55.2	59.2	59.7	62.4	63.0	63.5	64.0	64.1	64.3	64.3	64.5	64.5	64.5	64.9
1.5	46.[illegible]	50.4	57.6	61.7	62.2	64.9	65.8	66.7	66.8	66.9	67.0	67.0	67.3	67.3	67.3	67.7
1.6	47.4	54.3	62.[illegible]	66.4	66.9	69.9	70.8	71.7	72.2	72.2	72.3	72.5	72.9	72.9	72.9	73.4
1.7	51.3	55.2	62.9	67.4	68.2	71.3	72.2	72.7	73.6	73.9	74.0	74.1	74.5	74.5	74.5	75.0
1.8	51.4	56.5	65.2	69.6	70.6	73.7	75.0	75.5	76.6	77.2	77.1	77.4	77.8	77.8	77.8	78.3
1.8	51.8	57.2	66.3	71.2	72.1	75.3	76.5	77.[illegible]	78.2	78.5	78.7	78.9	79.2	79.2	79.2	79.7
1.3	52.3	58.[illegible]	67.7	72.6	73.6	77.1	78.5	79.[illegible]	80.3	80.7	80.6	81.2	81.6	81.6	81.6	82.1
1.4	53.2	59.7	67.9	73.0	74.2	78.2	79.4	79.9	81.2	81.7	81.8	82.2	82.6	82.6	82.6	83.1
2.3	54.5	60.1	69.4	74.9	75.9	80.7	82.1	82.6	83.8	84.3	84.5	84.8	85.2	85.2	85.2	85.7
2.4	55.1	61.1	71.1	77.1	78.2	83.7	85.4	85.9	87.1	87.6	87.8	88.1	88.5	88.5	88.5	89.0
2.7	55.8	62.1	72.7	78.9	79.9	85.7	87.6	88.1	89.8	90.3	90.4	90.8	91.2	91.2	91.2	91.7
2.7	55.8	62.1	73.0	79.3	80.3	86.2	88.1	88.6	90.3	90.8	90.9	91.3	91.7	91.7	91.7	92.2
2.[illegible]	56.1	62.4	73.2	79.9	81.1	87.0	89.1	89.6	91.5	92.0	92.2	92.6	92.9	92.9	92.9	93.4
2.[illegible]	56.1	62.4	73.2	8 .1	81.2	87.8	90.0	90.5	92.8	93.3	93.4	93.8	94.2	94.2	94.2	94.7
2.[illegible]	56.1	62.4	73.2	8 .1	81.2	87.8	90.0	90.7	93.3	93.9	94.3	94.7	95.1	95.1	95.1	95.6
2.9	56.2	62.5	73.7	8 .6	81.7	88.4	90.8	91.4	94.7	95.7	96.1	96.7	97.1	97.1	97.1	97.6
3.[illegible]	56.2	62.5	73.9	8 .7	81.8	88.5	91.0	91.7	95.2	96.2	96.8	97.5	97.9	97.9	97.9	98.4
3.[illegible]	56.2	62.5	73.9	8 .7	81.8	88.5	91.0	91.7	95.6	96.8	97.5	98.1	98.9	99.[illegible]	99.[illegible]	99.5
3.[illegible]	56.2	62.5	73.9	8 .7	81.8	88.5	91.0	91.7	95.6	96.8	97.5	98.1	99.1	99.[illegible]	99.[illegible]	99.5
3.[illegible]	56.2	62.5	73.9	8 .7	81.8	88.5	91.0	91.7	95.6	96.8	97.5	98.1	99.1	99.5	100.[illegible]	100.0

TOTAL NUMBER OF OBSERVATIONS 792

CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

[illegible] PROB[illegible]

[illegible]

[illegible] PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

[illegible]

[illegible]	39.7	39.8	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
[illegible]	39.8	39.8	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
[illegible]	39.7	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
[illegible]	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
39.1	39.3	39.4	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
[illegible]	40.9	41.7	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
[illegible]	42.6	43.9	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
[illegible]	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
[illegible]	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
[illegible]	54.7	55.1	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
[illegible]	56.1	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	57.2	57.2
[illegible]	60.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
[illegible]	66.4	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
[illegible]	73.5	74.[illegible]	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
[illegible]	81.2	81.[illegible]	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
[illegible]	86.9	87.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
[illegible]	89.7	90.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
[illegible]	91.3	93.3	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
74.4	91.9	93.2	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
[illegible]	92.4	93.2	95.9	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
[illegible]	93.0	94.3	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
[illegible]	93.3	94.4	97.3	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
[illegible]	93.3	94.4	97.3	97.5	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
[illegible]	93.3	94.4	97.4	97.8	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
[illegible]	93.3	94.5	97.5	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
[illegible]	93.3	94.5	97.5	97.9	97.9	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0
[illegible]	93.4	94.7	97.8	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.8	99.8
[illegible]	93.4	94.7	97.8	99.1	99.1	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.9	99.9	99.9
[illegible]	93.4	94.7	97.8	99.1	99.1	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.9	99.9	99.9	99.9
[illegible]	93.4	94.7	97.8	99.1	99.1	99.3	99.4	99.4	99.6	99.8	99.8	99.81	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	93.4	94.7	97.8	99.1	99.1	99.3	99.4	99.4	99.6	99.9	99.9	99.81	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF CEILING EQUAL TO OR GREATER THAN INDICATED HEIGHTS AND VISIBILITY EQUAL TO OR GREATER THAN INDICATED VALUES

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	10	9	8	7	6	5	4	3	2	1	1/2	1/4	1/8	1/16	1/32	1/64	0
20000	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
15000	41.6	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
10000	41.8	41.8	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
7000	41.8	41.8	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
5000	42.2	42.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
4000	43.1	43.1	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
3000	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
2500	48.7	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
2000	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
1500	59.7	59.7	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	60.2	60.2
1000	61.7	62.0	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
900	63.4	63.4	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
800	75.6	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
700	82.3	83.0	83.0	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
600	86.6	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
500	90.7	91.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
400	91.0	91.1	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
300	93.6	93.6	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
200	94.6	95.4	95.6	95.7	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
150	93.2	93.2	97.0	96.2	96.6	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
100	93.1	93.3	97.0	96.8	96.9	97.0	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
50	93.2	93.4	94.2	96.9	97.2	97.4	98.2	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	93.2	93.4	94.2	96.9	97.2	97.4	98.2	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS _____

2

CEILING VERSUS VISIBILITY

ALL

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

	29.4	27.	30.3	34.0	34.3	35.7	36.5	36.5	37.2	37.2	37.2	37.1	37.1	37.1	37.		
	31.4	31.7	36.6	38.5	39.6	40.2	41.0	41.2	41.5	41.5	41.5	41.6	41.6	41.7	41.8		
	31.4	31.7	36.6	38.5	39.6	40.2	41.0	41.2	41.5	41.5	41.5	41.6	41.	41.7	41.8		
	31.4	31.7	36.6	38.5	39.6	40.2	41.0	41.2	41.5	41.5	41.5	41.6	41.6	41.7	41.8		
	31.4	31.8	37.3	38.7	39.9	40.4	41.1	41.1	41.6	41.6	41.6	41.7	41.7	41.8	41.9		
	30.8	31.1	38.4	39.9	41.1	41.6	42.3	42.3	42.8	42.8	42.8	43.2	43.2	43.2	43.4		
	30.4	34.9	41.2	42.9	43.3	45.1	45.9	45.9	46.3	46.3	46.3	46.6	46.7	46.8	47.0		
	32.1	36.7	43.4	46.1	46.5	47.7	48.2	48.2	48.9	48.9	48.9	49.1	49.2	49.4	49.8		
	37.1	42.	50.6	52.4	53.6	55.2	56.1	56.1	56.8	56.8	56.8	57.1	57.2	57.7	57.7		
	.4	44.1	52.1	57.6	59.3	56.7	57.6	57.6	58.3	58.3	58.3	58.5	58.7	58.8	59.1		
	.8	47.6	53.8	55.8	56.3	58.9	59.8	59.8	60.5	60.5	60.5	60.7	60.8	61.0	61.3		
	40.4	47.9	56.0	60.1	60.6	63.3	64.3	64.3	65.1	65.1	65.1	65.4	65.5	65.6	66.2		
34.5	44.7	51.8	61.2	63.4	63.9	66.5	67.6	67.6	68.5	68.5	68.8	68.9	69.0	69.3			
35.1	46.6	53.7	63.9	66.6	67.1	70.2	71.1	71.1	72.3	72.3	72.4	72.7	72.8	72.9	73.2		
37.9	49.4	57.	67.3	7 .1	71.6	73.9	75.3	75.3	76.3	76.3	76.5	76.7	76.8	77.0	77.3		
38.9	50.6	58.9	7 .6	72.9	73.5	76.8	78.2	78.2	80.3	80.3	81.1	82.4	82.5	82.6	83.1		
39.3	51.1	59.3	70.6	73.5	74.3	77.8	79.3	79.3	81.5	82.	82.1	82.3	82.4	82.6	83.2		
39.4	51.3	60.1	72.3	75.2	76.1	80.0	81.6	81.6	83.9	84.4	84.5	84.8	84.9	85.1	85.4		
40.1	52.2	60.5	72.7	75.6	76.5	80.4	82.0	82.	84.4	84.9	85.	85.2	85.4	85.6	85.9		
41.1	53.4	61.8	74.1	77.1	77.9	82.1	83.7	83.7	86.1	86.6	86.7	87.	87.1	87.2	87.5		
41.6	55.0	63.7	76.3	79.6	80.5	85.0	87.0	87.	89.4	90.0	90.4	90.6	90.7	90.9	91.2		
42.2	55.4	64.2	77.6	81.2	82.0	86.8	88.9	88.9	91.6	92.4	92.6	92.9	93.0	93.2	93.5		
42.3	55.5	64.1	77.8	81.2	82.2	87.2	89.3	89.3	92.0	92.8	92.9	93.3	93.4	93.6	93.9		
42.3	55.5	64.1	78.0	81.5	82.4	87.7	89.9	89.9	93.0	93.9	94.0	94.4	94.5	94.6	95.1		
42.3	55.5	64.1	78.2	81.6	82.6	87.8	90.0	90.0	93.4	94.3	94.4	94.8	94.9	95.0	95.4		
42.3	55.6	64.3	78.4	81.8	82.8	88.2	90.4	90.4	94.0	94.9	95.0	95.4	95.5	95.6	96.2		
42.3	55.6	64.3	78.5	81.9	83.1	88.8	91.3	91.5	95.6	96.5	96.6	97.1	97.2	97.3	97.7		
42.3	55.6	64.3	78.5	82.1	83.1	88.8	91.3	91.5	95.6	96.6	96.7	97.2	97.3	97.4	97.8		
42.3	55.6	64.3	78.5	82.1	83.	88.8	91.3	91.5	95.7	96.7	97.0	97.8	97.9	98.0	98.5		
42.3	55.6	64.3	78.5	82.1	83.0	88.8	91.3	91.5	95.7	96.7	97.1	98.2	98.3	98.4	98.9		
42.3	55.6	64.3	78.5	82.1	83.0	88.8	91.3	91.5	95.7	96.7	97.1	98.2	98.3	98.5	99.0		
42.3	55.6	64.3	78.5	82.1	83.0	88.8	91.3	91.5	95.7	96.7	97.1	98.2	98.3	98.51	12.2		

TOTAL NUMBER OF OBSERVATIONS _____ 32

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible]

CEILING VERSUS VISIBILITY

[illegible] 73-81 [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	[illegible]	31.[illegible]	33.[illegible]	34.[illegible]	34.[illegible]	34.3	34.3	34.[illegible]	34.3	34.3	34.[illegible]	34.[illegible]	34.3	34.[illegible]	34.[illegible]
[illegible]	34.[illegible]	35.1	37.[illegible]	37.6	37.6	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
[illegible]	34.4	35.4	37.5	38.1	38.1	38.3	38.3	38.3	38.3	38.3	38.[illegible]	38.[illegible]	38.[illegible]	38.[illegible]	38.[illegible]
[illegible]	34.4	35.4	37.5	38.1	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
[illegible]	34.6	35.7	37.7	38.3	38.3	38.6	38.6	38.[illegible]	38.6	38.6	38.6	38.6	38.6	38.6	38.6
[illegible]	35.4	36.5	38.9	39.6	39.6	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
[illegible]	38.6	39.[illegible]	42.2	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
[illegible]	41.6	42.[illegible]	45.3	46.0	46.0	46.2	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6
[illegible]	45.[illegible]	48.[illegible]	50.9	52.[illegible]	52.0	52.2	52.5	52.[illegible]	52.6	52.6	52.6	52.6	52.6	52.6	52.6
[illegible]	4[illegible]	49.3	52.3	53.4	53.4	53.7	53.9	53.[illegible]	54.0	54.[illegible]	54.0	54.0	54.0	54.0	54.[illegible]
4[illegible]	4[illegible]	50.3	53.3	54.4	54.4	54.6	54.9	54.9	55.0	55.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]	55.[illegible]
43.[illegible]	52.9	54.5	57.8	59.[illegible]	59.0	59.3	59.6	59.[illegible]	60.0	60.0	60.0	60.0	60.0	60.0	60.[illegible]
[illegible]	5[illegible]	5[illegible]	61.9	63.1	63.1	63.4	63.8	63.[illegible]	64.2	64.[illegible]	64.3	64.3	64.3	64.3	64.3
[illegible]	61.1	63.[illegible]	67.1	68.6	68.7	69.1	69.6	69.[illegible]	70.1	70.1	70.2	70.2	70.2	70.2	70.2
[illegible]	63.8	65.9	7[illegible].2	71.7	72.[illegible]	72.3	72.8	72.9	73.3	73.3	73.4	73.4	73.4	73.4	73.4
[illegible]	69.2	71.5	75.8	77.5	77.7	78.4	79.3	79.4	80.0	80.0	80.[illegible]	80.1	80.2	80.2	80.2
[illegible]	7[illegible].9	73.[illegible]	78.8	8[illegible].5	[illegible].8	81.7	82.5	82.6	83.2	83.2	83.[illegible]	83.4	83.5	83.5	83.5
[illegible]	74.[illegible]	77.7	83.6	84.8	85.3	86.2	87.1	87.2	88.0	88.0	88.1	88.1	88.1	88.3	88.3
[illegible]	7[illegible]	79.[illegible]	84.3	86.1	86.6	87.5	88.4	88.[illegible]	89.3	89.3	89.5	89.5	89.6	89.6	89.6
[illegible]	77.2	8[illegible].4	86.3	88.3	88.7	89.8	90.7	90.9	91.6	91.6	91.7	91.7	91.9	91.9	91.9
[illegible]	7[illegible].1	8[illegible].4	87.6	90.2	90.7	92.0	92.9	93.[illegible]	94.0	94.[illegible]	94.1	94.1	94.3	94.3	94.3
[illegible]	7[illegible].7	8[illegible]	89.0	91.5	92.0	94.3	95.2	95.6	96.4	96.4	96.5	96.5	96.6	96.6	96.6
[illegible]	7[illegible].7	8[illegible]	89.1	91.6	92.1	94.5	95.4	95.[illegible]	96.6	96.[illegible]	96.8	96.8	96.9	96.9	96.9
[illegible]	7[illegible].7	8[illegible]	89.1	91.6	92.1	94.5	95.4	95.[illegible]	96.6	96.6	96.8	96.8	96.9	96.9	96.9
[illegible]	7[illegible].7	8[illegible].3	89.2	91.7	92.2	94.9	95.8	96.[illegible]	97.[illegible]	97.1	97.2	97.2	97.4	97.4	97.4
[illegible]	7[illegible].8	8[illegible].4	89.5	92.[illegible]	92.5	95.2	96.2	96.3	97.4	97.5	97.6	97.6	97.7	97.7	97.7
[illegible]	7[illegible].8	8[illegible].4	89.6	9[illegible].3	9[illegible]	95.7	96.8	97.4	98.7	98.9	98.9	98.9	99.[illegible]	99.[illegible]	99.[illegible]
[illegible]	7[illegible].8	8[illegible].4	89.6	9[illegible].3	92.8	95.7	96.8	97.4	99.2	99.3	99.4	99.4	99.5	99.5	99.5
[illegible]	7[illegible].8	8[illegible].4	89.6	9[illegible].3	92.8	95.7	96.8	97.4	99.3	99.4	99.5	99.5	99.[illegible]	99.8	99.8
[illegible]	7[illegible].8	8[illegible].4	89.6	9[illegible].3	92.8	95.7	96.8	97.4	99.3	99.4	99.5	99.8	99.91	[illegible]	[illegible]
[illegible]	7[illegible].8	8[illegible].4	89.6	9[illegible].3	92.8	95.7	96.8	97.4	99.3	99.4	99.5	99.8	99.91	[illegible]	[illegible]
[illegible]	7[illegible].8	8[illegible].4	89.6	[illegible].3	92.8	95.7	96.8	97.4	99.3	99.4	99.5	99.8	99.91	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____ [illegible]

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
ALL HOURLY OBSERVATIONS

	33.0	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	
	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
	43.0	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
	44.6	44.9	44.9	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
	56.4	56.7	56.8	56.2	56.2	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

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

CEILING VERSUS VISIBILITY

... REPORT NAF BL ... 73-81 ... AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1600-1800

32.1	3 .9	37.9	39.4	41.7	42.0	44.3	45.2	45.5	45.9	46.2	46.2	46.3	46.4	46.4	46.9	
34.7	33.5	36.3	43.3	45.9	46.4	49.1	50.1	50.6	51.2	51.6	51.8	51.9	52.2	52.2	52.7	
34.1	33.9	37.2	43.5	46.3	46.8	49.5	50.4	51.2	51.4	52.0	52.1	52.2	52.4	52.4	53.1	
34.1	33.9	37.2	43.5	46.3	46.8	49.5	50.4	51.2	51.4	52.0	52.1	52.2	52.4	52.4	53.1	
34.1	33.9	37.2	43.5	46.3	46.8	49.5	50.4	51.2	51.4	52.0	52.1	52.2	52.4	52.4	53.1	
36.6	34.9	38.3	44.5	47.8	48.2	50.9	51.9	52.6	52.9	53.5	53.6	53.7	53.8	53.8	54.6	
37.1	36.3	40.1	46.7	49.6	5 .3	53.2	54.4	55.2	55.5	56.1	56.4	56.5	56.6	56.6	57.4	
39.0	37.1	40.9	48.1	51.2	51.9	55.2	56.6	57.4	57.7	58.2	[illegible].6	58.7	58.8	58.9	59.2	
39.4	38.1	43.3	51.8	55.3	56.1	59.8	61.2	62.0	[illegible].7	62.9	63.2	63.3	63.7	63.8	64.5	
39.1	39.6	43.9	52.6	56.3	57.1	61.1	62.6	63.4	63.8	64.5	64.8	64.9	65.2	65.4	66.1	
39.6	4 .1	44.3	53.3	57.1	58.1	62.3	63.8	64.6	65.0	65.7	66.0	66.1	66.6	66.7	67.4	
42.4	42.6	47.5	56.7	6 .6	61.7	66.3	68.0	69.2	69.6	70.4	70.6	70.7	71.3	71.4	72.2	
43.6	43.7	48.9	59.4	63.3	64.4	69.3	71.0	71.9	72.5	73.3	73.8	73.9	74.5	74.6	75.7	
44.1	45.7	51.9	61.8	66.5	67.7	73.0	75.0	75.9	76.9	77.9	78.4	78.7	79.5	79.6	80.3	
44.1	45.9	51.5	62.9	67.7	68.9	74.4	76.4	77.6	78.9	80.0	80.4	80.8	81.5	81.7	82.4	
44.4	47.0	52.7	64.0	69.6	70.8	76.4	78.9	80.1	81.4	82.5	83.2	83.4	84.2	84.3	85.1	
44.5	47.3	53.0	65.1	70.2	71.2	77.0	79.5	80.7	82.3	83.4	83.9	84.2	85.1	85.2	85.9	
44.3	48.6	54.4	66.6	71.6	72.8	78.6	81.2	82.4	84.2	85.4	85.9	86.3	87.1	87.2	88.2	
44.3	48.7	54.5	66.7	71.7	72.9	78.7	81.3	82.5	84.3	85.5	86.0	86.4	87.2	87.4	88.1	
44.5	49.0	54.9	67.3	72.3	73.6	79.8	82.4	83.6	85.4	86.6	87.1	87.5	88.3	88.5	89.2	
44.6	49.3	55.3	67.7	73.0	74.4	81.0	83.6	84.9	87.0	88.2	88.7	89.2	90.1	90.2	90.9	
44.6	49.6	55.5	68.2	73.6	75.2	82.4	85.1	86.4	88.7	90.2	90.9	91.4	92.2	92.3	93.1	
44.6	49.6	55.5	68.2	74.0	75.6	82.9	85.7	87.0	89.4	91.0	91.6	92.1	93.0	93.1	93.8	
44.6	49.6	55.5	68.5	74.4	75.9	83.4	86.4	87.6	90.3	91.9	92.5	93.2	93.8	93.9	94.7	
44.6	49.6	55.5	68.5	74.6	76.2	83.7	86.9	88.3	91.0	92.6	93.2	93.7	94.4	94.5	95.4	
44.6	49.6	55.5	68.5	74.6	76.2	83.7	86.9	88.3	91.3	92.8	93.4	94.0	94.8	95.0	95.7	
44.6	49.6	55.5	68.5	74.7	76.3	83.8	87.1	88.5	92.1	93.8	94.4	95.1	96.1	96.4	97.1	
44.6	49.6	55.5	68.5	74.8	76.4	84.0	87.2	88.8	92.6	94.3	95.0	95.9	96.8	97.1	97.8	
44.6	49.6	55.5	68.5	74.8	76.4	84.0	87.2	88.9	92.8	94.5	95.4	96.5	97.4	97.7	98.4	
44.6	49.6	55.5	68.5	74.8	76.4	84.0	87.2	88.9	92.8	94.5	95.5	96.6	97.7	97.9	98.7	
44.6	49.6	55.5	68.5	74.8	76.4	84.0	87.2	88.9	92.8	94.5	95.5	96.8	97.9	98.2	99.0	
44.6	49.6	55.5	68.5	74.8	76.4	84.0	87.2	88.9	92.8	94.5	95.5	96.8	97.9	98.2	99.0	

TOTAL NUMBER OF OBSERVATIONS 827

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF DIFFERENCE

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS _____

1 [illegible] CLIMATOLOGY BRANCH
[illegible]
2 [illegible] STRIDE/MAC

CEILING VERSUS VISIBILITY

[illegible] HEIGHT AAF [illegible] 73-81 [illegible] [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	1.3	2.6	6.6	2.0	2.3	30.8	35.1	35.4	37.4	37.5	37.6	38.6	38.8	39.0	39.0		
[illegible]	2.1	27.0	29.[illegible]	30.6	30.9	35.6	38.9	39.4	41.6	41.8	42.1	43.1	43.2	43.5	44.6		
[illegible]	2.5	27.2	29.6	31.1	31.4	36.1	39.4	39.[illegible]	42.1	42.3	42.6	43.6	43.6	44.0	45.1		
[illegible]	2.6	27.4	29.6	31.3	31.5	36.3	39.5	40.0	42.3	42.4	42.8	43.8	43.9	44.1	45.2		
[illegible]	2.6	27.5	29.8	31.4	31.6	36.4	39.6	40.1	42.6	42.8	43.1	44.1	44.3	44.5	45.6		
[illegible]	31.6	29.4	31.3	33.9	33.1	37.9	41.3	41.[illegible]	44.3	44.4	44.6	45.8	45.9	46.1	47.3		
[illegible]	26.3	28.5	32.6	34.1	34.4	39.4	42.8	43.7	45.9	46.1	46.6	47.6	48.1	48.4	49.6		
[illegible]	27.3	26.0	33.1	34.8	35.0	40.1	43.4	43.9	46.6	46.9	47.4	48.4	48.9	49.1	50.4		
[illegible]	33.5	29.9	37.0	37.1	39.4	44.9	48.5	49.	51.9	52.1	52.6	53.6	54.3	54.5	55.6		
[illegible]	27.[illegible]	31.1	39.8	42.1	42.4	48.1	52.3	52.[illegible]	55.9	56.1	56.6	57.8	58.5	58.8	60.1		
[illegible]	27.[illegible]	31.5	40.4	42.8	43.0	48.8	52.9	53.4	56.5	56.8	57.4	58.4	59.1	59.4	60.8		
[illegible]	28.4	33.	42.9	45.4	45.8	52.4	56.6	57.1	60.8	61.0	61.6	62.8	63.5	63.9	65.3		
[illegible]	31.6	34.[illegible]	44.8	47.7	47.8	54.9	59.1	59.[illegible]	63.4	63.6	64.3	65.4	66.[illegible]	66.6	68.		
[illegible]	31.6	35.[illegible]	46.3	49.5	5 .3	57.3	61.9	62.4	66.4	66.8	67.4	68.6	69.5	69.9	71.3		
[illegible]	33.8	36.[illegible]	48.9	52.1	52.8	60.0	64.9	65.4	69.6	70.[illegible]	70.8	72.1	73.1	73.5	74.9		
[illegible]	35.8	40.9	51.5	55.1	55.8	63.5	68.8	69.[illegible]	73.9	74.1	75.1	76.9	77.9	78.3	79.[illegible]		
[illegible]	36.1	41.1	52.1	56.1	56.8	64.5	69.8	70.3	75.1	75.6	76.6	78.5	79.8	80.1	81.5		
[illegible]	37.3	42.[illegible]	53.8	57.8	58.4	66.4	71.6	72.1	77.4	77.9	78.9	80.8	82.1	82.5	84.2		
[illegible]	37.4	42.9	53.9	5 .9	58.5	66.5	71.8	72.3	77.5	78.[illegible]	79.0	80.9	82.3	82.6	84.1		
[illegible]	[illegible] .0	43.5	54.6	58.6	59.3	68.0	73.5	74.[illegible]	79.6	80.1	81.3	83.1	84.5	84.9	86.4		
[illegible]	[illegible] .4	44.0	55.4	59.5	60.1	69.1	74.6	75.1	80.8	81.3	82.5	84.4	86.[illegible]	86.4	87.9		
[illegible]	38.4	44.0	55.5	59.6	60.3	69.4	74.9	75.4	81.3	81.8	83.[illegible]	84.9	86.9	87.[illegible]	88.2		
[illegible]	38.9	44.	55.5	59.6	60.3	69.5	75.0	75.5	81.6	82.1	83.4	85.4	87.4	87.8	89.3		
[illegible]	38.4	44.	55.5	59.6	60.3	69.5	75.0	75.5	81.9	82.4	83.6	85.6	87.6	88.[illegible]	89.5		
[illegible]	38.4	44.	55.6	59.8	60.4	69.6	75.1	75.6	82.5	82.[illegible]	84.3	86.[illegible]	88.[illegible]	88.6	90.1		
[illegible]	38.4	44.	55.6	59.9	60.5	69.9	75.4	75.9	83.1	83.6	85.1	87.1	89.4	89.8	91.3		
[illegible]	38.4	44.	55.6	60.[illegible]	60.6	70.0	75.8	76.[illegible]	83.9	84.9	86.5	88.5	91.[illegible]	91.4	92.9		
[illegible]	38.4	44.[illegible]	55.6	6 .3	60.9	70.3	76.0	76.5	84.5	86.1	87.9	89.9	92.[illegible]	92.[illegible]	93.4		
[illegible]	38.4	44.[illegible]	55.6	60.4	61.	70.4	76.4	76.9	85.[illegible]	86.6	88.6	90.9	94.[illegible]	94.5	97.1		
[illegible]	38.4	44.[illegible]	55.6	60.4	61.0	70.4	76.4	76.9	85.[illegible]	86.8	88.8	91.1	94.4	95.[illegible]	98.[illegible]		
[illegible]	38.4	44.0	55.6	60.4	61.0	70.4	76.4	76.9	85.[illegible]	86.9	88.8	91.1	94.6	95.5	99.[illegible]		
[illegible]	38.4	44.[illegible]	55.6	60.4	61.0	70.4	76.4	76.9	85.[illegible]	86.8	88.8	91.1	94.8	95.51	[illegible]0.[illegible]		

TOTAL NUMBER OF OBSERVATIONS [illegible]

CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS _____ 576

2

[illegible] BRANCH

[illegible]

CEILING VERSUS VISIBILITY

[illegible] AAF [illegible] 73-[illegible] [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE [illegible]
FROM [illegible] OBSERVATIONS

[illegible]	[illegible]	[illegible]	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
[illegible]	[illegible]	[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]
41.[illegible]	[illegible]	[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	[illegible]
41.[illegible]	49.5	[illegible]	51.5	51.5	51.5	51.5	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	51.[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	[illegible]
[illegible]	51.[illegible]	51.[illegible]	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
[illegible]	[illegible]	[illegible]	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
[illegible]	[illegible]	55.[illegible]	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
[illegible]	[illegible]	[illegible]	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
[illegible]	[illegible]	[illegible]	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	[illegible]
[illegible]	[illegible]	[illegible]	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	[illegible]
[illegible]	[illegible]	[illegible]	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
[illegible]	73.5	75.5	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
[illegible]	77.5	77.7	81.9	81.9	81.9	82.[illegible]	82.[illegible]	82.[illegible]	82.2	82.2	82.2	82.2	82.2	82.2	82.2
[illegible]	81.5	87.7	86.2	86.2	86.2	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
[illegible]	[illegible]	89.1	90.9	91.1	91.1	91.4	91.4	91.4	91.5	91.8	91.8	91.8	91.[illegible]	91.8	[illegible]
[illegible]	87.4	89.9	93.[illegible]	93.3	93.3	93.6	93.6	93.6	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]
[illegible]	86.6	91.1	94.8	95.1	95.1	95.6	96.[illegible]	96.[illegible]	96.5	96.5	96.5	96.5	96.5	96.5	96.5
[illegible]	[illegible]	91.1	94.8	95.1	95.1	95.6	96.0	96.[illegible]	96.5	96.5	96.5	96.5	96.5	96.5	96.5
[illegible]	88.9	91.4	95.1	95.5	95.6	96.3	96.5	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5
[illegible]	89.7	91.[illegible]	95.5	95.8	96.0	96.8	97.5	97.5	98.2	98.2	98.2	98.2	98.2	98.2	[illegible]
[illegible]	89.3	91.[illegible]	95.5	95.8	96.0	96.8	97.5	97.5	98.7	98.3	98.3	98.3	98.7	98.7	98.3
[illegible]	89.7	91.[illegible]	95.5	95.8	96.[illegible]	96.8	97.5	97.5	98.7	98.3	98.3	98.3	98.7	98.7	98.3
[illegible]	89.7	91.[illegible]	95.5	95.8	96.[illegible]	96.8	97.8	97.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
[illegible]	89.7	91.[illegible]	95.5	95.8	96.[illegible]	96.8	98.[illegible]	98.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]
[illegible]	89.3	91.[illegible]	95.5	95.8	96.[illegible]	96.8	98.[illegible]	98.[illegible]	99.3	99.5	99.5	99.5	99.[illegible]	99.5	[illegible]
[illegible]	89.7	91.[illegible]	95.5	95.8	96.[illegible]	96.8	98.[illegible]	98.[illegible]	99.3	99.5	99.5	99.5	99.[illegible]	99.5	99.5
[illegible]	89.3	91.[illegible]	95.5	95.8	96.0	96.8	98.[illegible]	98.[illegible]	99.3	99.5	99.5	99.5	99.[illegible]	99.5	[illegible]
[illegible]	89.7	91.[illegible]	95.5	95.8	96.0	96.8	98.[illegible]	98.[illegible]	99.3	99.5	99.5	99.5	99.5	99.5	99.5
[illegible]	89.3	91.[illegible]	95.5	95.8	96.0	96.8	98.[illegible]	98.[illegible]	99.3	99.5	99.5	99.8	99.8	99.8	99.8
[illegible]	89.7	91.[illegible]	95.5	95.8	96.0	96.8	98.[illegible]	98.[illegible]	99.3	99.5	99.5	99.81	[illegible]	[illegible]	[illegible]
[illegible]	89.3	91.[illegible]	95.5	95.8	96.0	96.8	98.[illegible]	98.[illegible]	99.3	99.5	99.5	99.81	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

2

CEILING VERSUS VISIBILITY

ALL

TOTAL NUMBER OF OBSERVATIONS _____

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

.7	11.7	17.7	16.5	19.0	11.5	11.7	22.6	22.7	23.0	23.4	23.5	24.7	24.5	25.7	27.	
.5	13.4	14.5	19.6	19.5	19.9	23.2	24.2	24.5	25.4	25.2	26.5	26.7	27.2	28.2	29.2	
.7	12.9	14.5	17.1	19.8	20.1	23.4	25.0	25.2	25.6	26.0	26.7	27.7	27.7	28.7	30.1	
.7	11.	17.	17.2	19.9	20.2	23.6	25.2	25.2	25.5	26.1	26.5	27.1	27.6	28.3	30.2	
.7	11.7	17.1	17.3	21.7	20.4	23.7	25.3	25.4	25.9	26.7	27.2	27.2	27.7	29.5	30.7	
1.	13.3	15.4	18.1	21.7	24.1	24.4	26.	26.1	26.6	27.	27.7	28.2	28.6	29.2	31.2	
1.	12.2	17.7	21.7	24.5	24.7	28.5	27.1	27.7	27.7	31.	31.5	32.	32.5	33.7	35.1	
1.	17.1	21.1	23.2	26.6	27.1	30.7	32.4	32.5	33.1	33.4	34.1	34.4	34.4	35.6	37.5	
1.	16.9	22.7	25.3	29.6	30.1	34.1	35.8	36.	36.7	37.4	38.7	38.5	39.	39.9	41.	
1.	1 .4	23.1	27.3	30.9	31.3	35.5	37.2	37.4	38.4	38.9	39.9	40.1	41.6	41.5	43.7	
1.	1 .5	23.7	27.2	31.7	31.9	36.1	37.8	38.1	39.3	39.6	40.6	41.9	41.7	43.7	44.4	
1.	2 .	23.1	28.3	32.3	32.6	37.4	39.1	39.5	40.5	41.1	42.1	42.3	42.6	43.7	45.9	
1.	1.8	23.5	29. .1	34.7	35.3	40.2	42.3	42.7	43.5	44.2	45.3	45.5	46.7	46.9	49.1	
1.	2.3	24.	32.4	36.7	37.4	42.8	44.7	45.3	46.5	47.1	48.2	48.5	49.1	49.9	52.1	
1.	2.9	24.7	34.5	38.9	39.6	45.5	47.4	47.7	49.2	49.8	50.9	51.2	51.	52.9	55.	
1.	3.1	31.	36.3	40.9	43.7	51.2	53.3	53.6	55.5	56.1	57.3	57.5	58.1	59.1	61.3	
1.2	27.2	32.4	38.8	44.5	48.4	57.5	58.2	58.6	60.5	61.1	62.4	62.6	63.7	65.2	66.4	
1.3	2 .7	34.5	42.7	48.2	49.	57.5	61.2	61.7	63.6	64.2	65.4	65.6	66.4	67.2	69.2	
1.2	24.4	35.7	43.6	49.7	50.3	58.9	62.5	62.9	65.7	65.6	66.9	67.1	68.	69.9	71.7	
1.2	32.1	36.2	45.2	51.2	52.2	60.9	64.5	65.	67.4	68.2	69.2	67.4	70.2	71.2	73.5	
1.	33.7	37.1	46.5	52.6	53.6	62.3	67.4	68.	70.5	71.4	72.6	72.9	73.7	74.	76.9	
1.	34.9	37.5	47.7	54.1	55.1	65.9	70.7	71.5	74.7	75.5	76.6	77.1	77.5	78.4	80.3	
1.	71.	37.7	48.1	54.5	55.5	66.5	71.5	72.5	75.8	76.5	77.2	77.4	78.1	79.1	80.7	
1.	71.2	38.	48.6	55.2	56.2	67.4	72.5	73.6	76.9	77.5	78.5	78.8	79.1	80.1	81.7	
1.	71.2	38.	48.7	55.2	56.1	68.6	74.1	75.7	79.2	80.1	81.6	81.9	82.5	83.4	84.7	
1.	71.2	38.	48.8	55.2	57.5	69.4	75.3	76.6	80.5	81.5	83.2	83.6	84.7	86.2	87.9	
1.	71.2	38.	48.	55.6	57.9	70.3	76.7	77.9	82.2	83.4	85.	85.3	86.4	87.1	88.	
1.	71.2	38.	48.	55.6	57.9	70.4	77.2	78.5	83.3	84.7	86.1	86.4	87.	87.4	88.	
1.	71.2	38.	48.8	55.6	57.9	70.7	77.4	78.9	83.9	85.2	86.7	87.1	88.3	88.5	89.	
1.	71.2	38.	48.8	55.6	57.9	70.7	77.4	78.9	83.9	85.4	87.	87.5	88.7	89.4	90.	
1.	71.2	38.	48.8	55.6	57.9	70.7	77.4	78.9	83.9	85.4	87.1	87.5	88.7	89.4	90.1	

TOTAL NUMBER OF OBSERVATIONS

[illegible] CLIMATOLOGY BRANCH
[illegible]

2

CEILING VERSUS VISIBILITY

[illegible] FLIGHT [illegible] 73-81 OCT 1900-2100

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	17.8	19.7	20.3	21.5	21.6	22.4	22.7	23.7	23.8	23.8	23.9	24.0	24.1	24.2	24.2	[illegible]
[illegible]	21.2	21.4	23.9	25.2	25.5	26.4	26.8	26.8	27.1	27.3	27.4	27.4	27.5	27.6	28.2	[illegible]
[illegible]	22.2	23.1	24.7	26.1	26.3	27.4	27.7	27.7	28.1	28.2	28.3	28.3	28.6	28.6	28.8	[illegible]
[illegible]	23.2	24.1	24.7	26.1	26.3	27.4	27.7	27.7	28.1	28.2	28.3	28.3	28.6	28.6	28.8	[illegible]
[illegible]	23.2	24.2	25.2	26.2	26.4	27.5	27.8	27.8	28.2	28.3	28.4	28.4	28.7	28.7	28.9	[illegible]
[illegible]	23.2	24.2	25.2	26.2	26.4	27.5	27.8	27.8	28.2	28.3	28.4	28.4	28.7	28.7	28.9	[illegible]
[illegible]	23.2	24.2	25.2	26.2	26.4	27.5	27.8	27.8	28.2	28.3	28.4	28.4	28.7	28.7	28.9	[illegible]
[illegible]	23.2	24.2	25.2	26.2	26.4	27.5	27.8	27.8	28.2	28.3	28.4	28.4	28.7	28.7	28.9	[illegible]
[illegible]	23.2	24.2	25.2	26.2	26.4	27.5	27.8	27.8	28.2	28.3	28.4	28.4	28.7	28.7	28.9	[illegible]
[illegible]	23.2	24.2	25.2	26.2	26.4	27.5	27.8	27.8	28.2	28.3	28.4	28.4	28.7	28.7	28.9	[illegible]
[illegible]	23.2	24.2	25.2	26.2	26.4	27.5	27.8	27.8	28.2	28.3	28.4	28.4	28.7	28.7	28.9	[illegible]
[illegible]	23.2	24.2	25.2	26.2	26.4	27.5	27.8	27.8	28.2	28.3	28.4	28.4	28.7	28.7	28.9	[illegible]
[illegible]	23.2	24.2	25.2	26.2	26.4	27.5	27.8	27.8	28.2	28.3	28.4	28.4	28.7	28.7	28.9	[illegible]
[illegible]	23.2	24.2	25.2	26.2	26.4	27.5	27.8	27.8	28.2	28.3	28.4	28.4	28.7	28.7	28.9	[illegible]
[illegible]	23.2	24.2	25.2	26.2	26.4	27.5	27.8	27.8	28.2	28.3	28.4	28.4	28.7	28.7	28.9	[illegible]
[illegible]	23.2	24.2	25.2	26.2	26.4	27.5	27.8	27.8	28.2	28.3	28.4	28.4	28.7	28.7	28.9	[illegible]
[illegible]	23.2	24.2	25.2	26.2	26.4	27.5	27.8	27.8	28.2	28.3	28.4	28.4	28.7	28.7	28.9	[illegible]
[illegible]	23.2	24.2	25.2	26.2	26.4	27.5	27.8	27.8	28.2	28.3	28.4	28.4	28.7	28.7	28.9	[illegible]
[illegible]	23.2	24.2	25.2	26.2	26.4	27.5	27.8	27.8	28.2	28.3	28.4	28.4	28.7	28.7	28.9	[illegible]
[illegible]	23.2	24.2	25.2	26.2	26.4	27.5	27.8	27.8	28.2	28.3	28.4	28.4	28.7	28.7	28.9	[illegible]
[illegible]	23.2	24.2	25.2	26.2	26.4	27.5	27.8	27.8	28.2	28.3	28.4	28.4	28.7	28.7	28.9	[illegible]
[illegible]	23.2	24.2	25.2	26.2	26.4	27.5	27.8	27.8	28.2	28.3	28.4	28.4	28.7	28.7	28.9	[illegible]
[illegible]	23.2	24.2	25.2	26.2	26.4	27.5	27.8	27.8	28.2	28.3	28.4	28.4	28.7	28.7	28.9	[illegible]
[illegible]	23.2	24.2	25.2	26.2	26.4	27.5	27.8	27.8	28.2	28.3	28.4	28.4	28.7	28.7	28.9	[illegible]
[illegible]	23.2	24.2	25.2	26.2	26.4	27.5	27.8	27.8	28.2	28.3	28.4	28.4	28.7	28.7	28.9	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

.1	37.9	43.	30.4	31.7	31.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.7	31.7	31.7
1.2	34.7	35.8	37.7	38.6	38.8	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
1.5	34.9	36.	37.9	38.8	38.8	39.2	39.3	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
2.1	35.	36.1	38.2	38.9	38.9	39.4	39.4	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
2.4	35.	36.1	38.3	38.9	38.9	39.4	39.4	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
3.1	35.9	36.3	38.6	39.7	39.7	40.2	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
34.7	35.6	37.7	41.6	42.5	42.5	43.7	43.7	43.7	43.	43.1	43.1	43.1	43.1	43.1	43.1	43.1
35.	36.7	40.6	42.7	43.6	43.6	44.1	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
3.3	44.2	46.1	49.1	49.1	49.1	49.5	49.5	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
4.1	47.2	48.3	50.6	51.6	51.6	52.2	52.4	52.4	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
47.	48.1	49.4	51.7	52.6	52.6	53.1	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
47.7	51.2	52.	55.3	56.5	56.5	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
4.2	53.2	54.5	57.5	58.7	58.7	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
1.4	57.	58.1	61.5	62.9	62.9	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
5.2	61.1	62.4	66.5	67.9	67.9	68.5	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
6.	66.7	69.3	72.6	74.3	74.3	74.9	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.4	75.4
7.	68.2	71.5	75.2	76.9	76.9	77.6	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
8.6	71.2	74.6	78.3	81.1	81.1	82.1	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7
62.7	71.5	75.2	79.8	81.9	81.9	83.2	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.9	83.9
64.8	73.8	77.6	82.4	84.7	84.7	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5
5.1	74.1	78.1	84.7	87.2	87.4	89.3	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
65.	75.4	8 .1	86.3	89.9	89.9	91.3	91.9	91.9	92.4	92.5	92.5	92.5	92.5	92.7	92.7	92.8
66.	75.7	8 .4	86.8	89.4	89.7	91.7	92.4	92.4	92.8	93.0	93.0	93.0	93.1	93.1	93.1	93.2
66.5	76.3	81.	87.5	91.8	91.3	93.9	94.5	94.5	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.3
66.7	76.5	81.2	87.9	91.1	90.1	94.9	95.5	95.5	96.0	96.1	96.1	96.3	96.3	96.4	96.4	96.4
66.7	76.5	81.2	88.6	90.2	93.1	96.3	97.2	97.2	97.8	98.0	98.0	98.1	98.1	98.1	98.2	98.2
66.7	76.5	81.2	88.6	90.2	93.1	96.6	97.5	97.5	98.1	98.2	98.3	98.4	98.4	98.5	98.5	98.5
66.7	76.5	81.2	88.6	90.2	93.1	96.6	97.8	97.8	98.4	98.6	98.6	98.8	98.9	99.1	99.1	99.1
66.7	76.5	81.2	88.6	90.2	93.1	96.6	97.8	98.	98.6	98.9	99.1	99.1	99.2	99.4	99.4	99.4
66.7	76.5	81.2	88.6	90.2	93.1	96.6	97.8	98.1	98.9	99.1	99.1	99.2	99.4	99.4	99.5	99.5
66.7	76.5	81.2	88.6	90.2	93.1	96.6	97.8	98.1	98.9	99.1	99.1	99.2	99.4	99.4	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS _____

...AL CLIMATOLOGY BRANCH
...
...ATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...EIGHT AAF ... JU-SU ... JAN ALL

PERCENTAGE FREQUENCY OF CEILINGS
FROM ... OBSERVATIONS

...2	2...5	21.7	23.8	25.1	25.3	26.4	26.7	26....	27....	27....	27.2	27.3	27.4	...5	...
.1	2...2	29.4	29....	29.3	29.5	30.8	31.2	31.2	31.6	31.7	31.9	32.1	32.1	32.3	32....
...4	24.4	25....	28.5	29.8	30....	31.3	31.8	31....	32.1	32.2	32.4	32.5	32....	...2	...
...0	24.5	26....	28.6	29.9	30.1	31.4	31.7	31....	32.2	32.3	32.5	32.6	32.8	33.2	33.5
...0	24.6	26.2	28.7	30.0	30.3	31.6	32.0	32.1	32.3	32.5	32.7	32.9	33....	...1	...
1.1	2...5	27.1	29.7	31.0	31.3	32.5	33.0	33....	33.2	33.4	33.7	33.7	33....	34.1	34....
2....	...6	28.4	30.1	33.4	33.7	35.0	35.5	35.8	35.8	35.9	36.2	36.2	36.4	36.4	37....
2...3	...9	31....	33.7	35.2	35.5	36.8	37.3	37.4	37.6	37.8	38.1	38.1	38.3	38.4	39.1
...7	34.1	34.1	37.6	39.1	39.4	40.9	41.4	41.5	41.9	42.0	42.3	42.3	42.5	42.7	43.4
...	38.8	39.8	39.7	41.4	41.7	43.3	43.6	43.9	44.3	44.4	44.7	44.8	45....	45.2	45.9
...4	34.3	36.4	4...3	42.1	42.6	44.2	44.6	44....	45.1	45.3	45.6	45.6	45.8	46.2	47.7
2...7	36.6	38.1	42.1	44.1	44.5	46.3	46.9	47.2	47.5	47.7	48.2	48.3	48.2	48.4	49.1
31....	3...1	42.4	44.6	46.6	47.2	48.9	49.5	49.7	50.2	50.7	50.7	50.8	51.2	51.2	51.9
33....	40.2	43....	47.9	50.0	50.5	52.5	53.1	53.1	53.9	54.1	54.4	54.5	54.7	54.9	55.7
35.7	43.1	46.2	51.2	53.5	54....	56.2	56.9	57....	57.6	57.8	58.1	58.2	58.5	58.7	59.4
38.7	46.6	50.1	56.0	58.5	59.2	61.7	62.5	62.7	63.4	63.6	64.2	64.1	64.3	64.6	65.3
39....	48.6	52.1	58.7	61.6	62.1	65.1	66.2	66.3	67.1	67.3	67.7	67.7	68....	68.2	69....
41....	51.5	55.5	63.2	66.3	67.0	70.4	71.6	71.9	72.9	73.1	73.5	73.6	73.9	74.1	74.9
42.6	52.4	56.4	64.1	67.6	68.2	71.7	73.1	73.3	74.3	74.5	74.9	75....	75.1	75.5	76.7
43.7	53.8	58....	66.0	69.6	70.3	74.0	75.5	75.7	76.7	76.9	77.3	77.4	77.7	77.9	78.7
44.3	55....	59.7	68.8	72.8	73.6	77.9	79.7	79.9	81.2	81.5	81.9	82.0	82.3	82.5	83.2
45....	56.1	6...9	71.6	75.7	76.8	80.8	83.0	83.3	84.3	85.1	85.5	85.7	86.2	86.2	87.1
45....	56.7	61....	71.9	75.4	76.2	81.4	83.8	84.1	85.7	86....	86.5	86.6	86.9	87.1	88.1
47....	58.4	61.3	71.7	76.3	77.1	82.6	85.2	85.4	87.1	87.5	87.9	88.1	88.4	88.7	89.6
47.3	58.6	61.5	72.2	76.9	77.8	83.5	86.1	86.5	88.3	88.7	89.1	89.3	89.6	90.1	91....
47.3	58.6	61.5	72.7	77.8	79.2	85.1	88.2	88.5	90.5	90.9	91.4	91.5	91.9	92.4	93.2
47.7	58.6	61.9	72.8	78.1	79.3	85.8	89.1	89.6	91.9	92.4	92.9	93.1	93.5	94.2	95.1
48.3	58.6	61.9	72.8	78.2	79.4	86.2	89.6	90.1	92.7	93.3	93.7	93.9	94.5	95.1	96.3
48.3	58.6	61.9	72.8	78.2	79.4	86.1	89.7	90.4	93.2	93.8	94.3	94.6	95.4	96.2	97.9
...3	58.6	61.9	72.8	78.2	79.4	86.1	89.7	90.4	93.2	93.9	94.5	94.8	95.9	96.9	98.3
48.3	58.6	61.9	72.8	78.2	79.4	86.1	89.7	90.4	93.2	93.9	94.5	94.8	95.9	97.1	98.8
48.3	58.6	61.9	72.8	78.2	79.4	86.1	89.7	90.4	93.2	93.9	94.5	94.8	96....	97.2	98.3

TOTAL NUMBER OF OBSERVATIONS _____ ...59

CEILING VERSUS VISIBILITY

2

PERCENTAGE FREQUENCY OF OCCURRENCE

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATION

1900-1959

.0	11.5	17.0	15.4	16.1	15.3	17.4	17.6	18.0	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2
.1	14.5	15.7	18.6	19.5	19.8	21.1	21.4	21.7	22.1	22.1	22.1	22.4	22.4	22.4	22.4	22.4	22.4	22.4
.2	14.6	15.8	19.1	19.9	20.1	21.5	21.7	22.1	22.5	22.5	22.5	22.7	22.7	22.7	22.7	22.7	22.7	22.7
.3	14.6	15.8	19.1	19.9	20.1	21.5	21.7	22.1	22.5	22.5	22.5	22.7	22.7	22.7	22.7	22.7	22.7	22.7
.4	15.2	16.4	19.5	20.2	20.5	21.9	22.1	22.5	22.9	22.9	22.9	23.1	23.1	23.1	23.1	23.1	23.1	23.1
.5	15.7	16.9	20.4	20.7	21.1	22.4	22.6	23.1	23.4	23.4	23.4	23.6	23.6	23.6	23.6	23.6	23.6	23.6
.6	16.5	17.8	21.1	22.1	22.2	23.7	24.1	24.5	24.8	24.8	24.8	25.1	25.1	25.1	25.1	25.1	25.1	25.1
.7	17.5	18.8	22.5	23.4	23.6	25.1	25.5	25.8	26.2	26.2	26.2	26.5	26.5	26.5	26.5	26.5	26.5	26.5
.8	17.8	21.4	25.6	26.6	27.3	28.8	29.3	29.7	30.3	30.3	30.3	30.6	30.6	30.6	30.6	30.6	30.6	30.6
.9	20.4	22.6	27.1	28.2	28.8	30.7	31.2	31.6	32.2	32.2	32.2	32.4	32.4	32.4	32.4	32.4	32.4	32.4
1.0	21.1	23.7	27.8	28.6	28.9	31.1	31.6	31.9	32.5	32.5	32.5	32.8	32.8	32.8	32.8	32.8	32.8	32.8
1.5	23.9	26.5	29.6	31.7	32.1	33.2	33.7	34.2	34.9	34.9	34.9	35.2	35.2	35.2	35.2	35.2	35.2	35.2
2.0	24.9	28.6	31.8	33.7	33.4	35.7	36.3	36.6	37.5	37.5	37.5	37.9	37.9	37.9	37.9	37.9	37.9	37.9
2.5	27.2	29.9	35.2	36.9	37.7	39.8	40.6	41.1	41.7	41.7	41.7	42.2	42.2	42.2	42.2	42.2	42.2	42.2
3.0	29.4	31.7	37.6	39.8	41.1	43.1	44.1	44.5	45.3	45.7	45.3	45.7	45.7	45.7	45.7	45.7	45.7	45.7
3.5	31.3	34.1	41.1	43.1	43.6	46.6	48.2	48.4	49.3	49.3	49.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7
4.0	33.2	37.6	43.0	47.2	47.7	51.3	52.7	53.2	54.2	54.2	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5
4.5	37.8	40.6	49.7	52.2	52.7	56.9	58.6	59.2	60.5	60.5	60.6	61.2	61.2	61.2	61.2	61.2	61.2	61.2
5.0	41.1	43.5	51.1	53.8	54.3	59.0	60.9	61.5	62.7	62.7	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2
5.5	41.4	44.3	54.7	57.6	58.1	63.4	65.3	66.1	67.6	67.6	67.7	68.1	68.2	68.2	68.2	68.2	68.2	68.2
6.0	43.5	47.1	59.5	61.9	62.5	68.4	70.7	71.4	73.4	73.4	73.8	74.3	74.4	74.4	74.4	74.4	74.4	74.4
6.5	44.3	48.1	60.1	63.5	64.1	70.8	73.3	74.1	76.3	76.4	76.9	77.5	77.6	77.6	77.6	77.6	77.6	77.6
7.0	44.3	48.3	60.7	64.7	65.6	72.5	75.2	76.2	78.3	78.5	79.1	79.6	79.8	79.8	79.8	79.8	79.8	79.8
7.5	45.1	48.9	61.5	66.1	67.2	74.8	77.5	78.4	81.1	81.4	82.2	83.2	83.1	83.1	83.1	83.1	83.1	83.1
8.0	45.2	48.9	61.7	66.7	68.0	75.8	78.6	79.9	82.6	83.0	83.9	84.8	85.1	85.1	85.1	85.1	85.1	85.1
8.5	45.3	48.9	62.1	67.3	68.7	76.5	79.9	80.4	84.3	85.2	86.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2
9.0	45.5	48.9	62.6	68.3	69.8	78.1	82.4	83.7	87.5	88.7	89.6	90.9	91.2	91.2	91.2	91.2	91.2	91.2
9.5	45.5	48.9	62.7	68.4	69.9	78.6	83.6	85.3	90.3	91.2	92.7	94.2	94.4	94.7	94.8	94.8	94.8	94.8
10.0	45.5	48.9	62.7	68.4	69.9	78.6	83.7	85.6	91.8	92.8	94.4	96.1	96.6	96.9	97.1	97.1	97.1	97.1
10.5	45.5	48.9	62.7	68.4	69.9	78.6	83.7	85.6	92.2	93.3	95.2	97.1	98.1	98.9	99.4	99.6	99.6	99.6
11.0	45.5	48.9	62.7	68.4	69.9	78.6	83.7	85.6	92.2	93.3	95.2	97.1	98.1	99.1	100.0	100.0	100.0	100.0
11.5	45.5	48.9	62.7	68.4	69.9	78.6	83.7	85.6	92.2	93.3	95.2	97.1	98.1	99.1	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____ 425

2

CEILING VERSUS VISIBILITY

CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS _____

2

CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS

2

CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	17.7	17.[illegible]	15.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	16.7	17.7	19.5	[illegible]	[illegible]	20.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14.4	16.[illegible]	17.5	19.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21.2	21.2	21.2	21.2	[illegible]	[illegible]	[illegible]
14.4	[illegible]	17.5	19.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21.2	21.2	21.2	21.2	21.2	[illegible]	[illegible]
[illegible]	17.7	18.1	[illegible]	21.7	21.4	21.7	21.7	21.7	21.9	[illegible]	[illegible]	21.9	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	21.7	22.8	22.9	23.1	23.1	23.1	23.4	23.4	23.4	23.4	[illegible]	23.4	[illegible]
[illegible]	19.4	25.1	23.5	24.7	24.8	25.1	25.1	25.1	25.3	25.3	25.3	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	19.9	[illegible]	24.2	25.6	25.7	25.9	25.9	[illegible]	26.2	[illegible]	26.2	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	23.5	24.5	28.9	30.2	30.3	30.6	30.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	31.1	32.6	33.0	33.3	33.3	33.4	33.7	33.7	33.7	33.7	33.7	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	31.4	33.0	33.4	33.6	33.5	33.7	34.1	34.1	34.1	34.1	34.1	34.1	34.1
[illegible]	[illegible]	27.5	33.3	34.8	35.2	35.6	35.6	35.7	36.1	36.1	36.1	36.1	36.1	36.1	36.1
[illegible]	[illegible]	[illegible]	35.1	36.7	37.0	37.4	37.4	37.5	37.9	37.9	37.9	37.9	37.9	37.9	37.9
[illegible]	[illegible]	[illegible]	[illegible]	41.8	42.1	42.6	[illegible]	[illegible]	43.1	43.1	43.1	43.1	43.1	43.1	43.1
[illegible]	[illegible]	[illegible]	44.7	46.9	47.3	47.9	[illegible]	48.1	48.5	48.5	48.5	48.5	[illegible]	[illegible]	[illegible]
[illegible]	41.2	[illegible]	49.6	51.9	52.3	52.9	[illegible]	53.1	53.5	53.5	53.5	53.5	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	54.2	56.6	57.1	57.7	[illegible]	58.1	58.5	58.5	58.5	58.5	[illegible]	[illegible]	[illegible]
[illegible]	51.6	54.7	62.0	64.8	65.3	66.1	66.4	66.5	66.9	66.9	66.9	66.9	66.9	[illegible]	[illegible]
[illegible]	52.1	54.4	[illegible]	65.5	[illegible]	66.9	67.1	67.2	67.6	67.6	67.6	67.6	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	65.8	68.8	69.3	[illegible]	71.6	71.7	72.4	72.6	72.6	72.6	72.6	[illegible]	[illegible]
[illegible]	56.5	59.1	[illegible]	71.9	72.4	74.3	75.3	75.4	76.1	76.4	76.4	76.4	76.4	[illegible]	[illegible]
[illegible]	[illegible]	61.5	71.9	[illegible]	75.9	78.3	79.8	79.9	81.1	81.6	81.6	81.6	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	61.9	72.4	[illegible]	77.0	79.5	[illegible]	[illegible]	82.3	[illegible]	82.8	82.8	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	74.3	[illegible]	79.7	82.7	84.3	84.4	86.2	86.7	86.8	87.2	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	63.2	74.7	79.4	[illegible]	[illegible]	[illegible]	[illegible]	88.2	88.7	88.9	88.9	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	81.4	82.5	86.6	88.7	88.9	91.1	91.5	91.7	91.8	[illegible]	[illegible]	[illegible]
[illegible]	59.9	63.7	76.2	82.2	83.4	87.9	[illegible]	91.1	93.7	94.3	94.5	94.6	[illegible]	[illegible]	[illegible]
[illegible]	60.2	64.1	76.6	[illegible]	[illegible]	89.[illegible]	[illegible]	[illegible]	95.6	96.3	96.6	96.7	[illegible]	[illegible]	[illegible]
[illegible]	60.2	64.1	76.6	[illegible]	84.[illegible]	89.3	92.3	[illegible]	96.1	97.1	97.7	97.9	[illegible]	[illegible]	[illegible]
[illegible]	60.2	64.1	76.6	[illegible]	84.2	89.4	92.4	[illegible]	96.3	97.3	98.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	60.2	64.1	76.6	[illegible]	84.2	89.4	92.4	[illegible]	96.3	97.3	98.4	99.3	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	64.1	76.6	[illegible]	84.2	89.4	92.4	[illegible]	96.3	97.3	98.4	99.3	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM ALL OBSERVATIONS

ALL

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 humidity. 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 to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

   a. Daily maximum temperatures DATA NOT AVAILABLE
   b. Daily minimum temperatures DATA NOT AVAILABLE
   c. Daily mean temperatures DATA NOT AVAILABLE

   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.

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

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 1946. Relative humidity usually was not reported prior to 1949, 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.

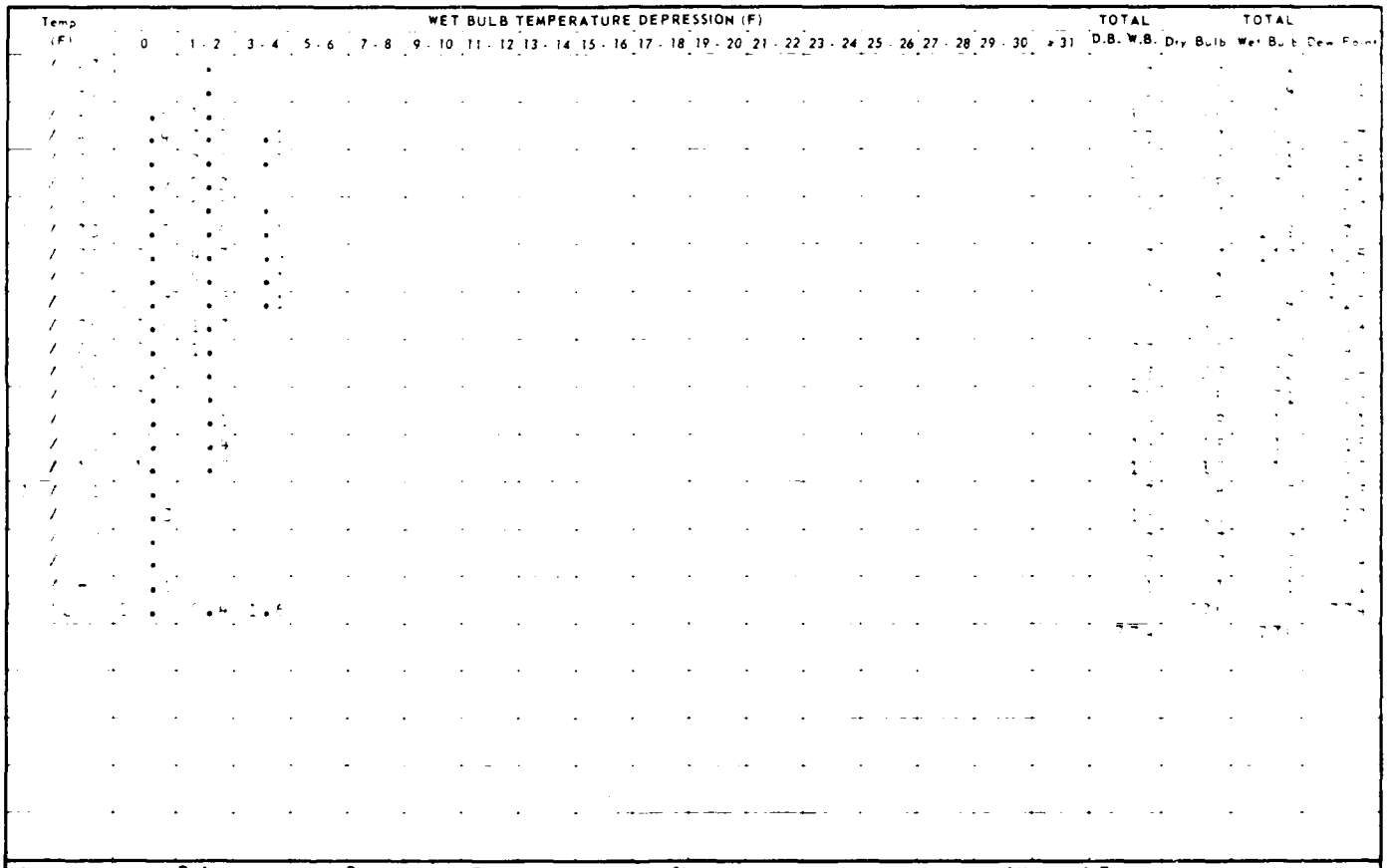
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in 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.

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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS

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

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

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

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

Temp °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≠ 31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13	14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27	28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb 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							47.7					
Dew Point							59.9					

USAFETAC FORM 0-26-5 (OL A1) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

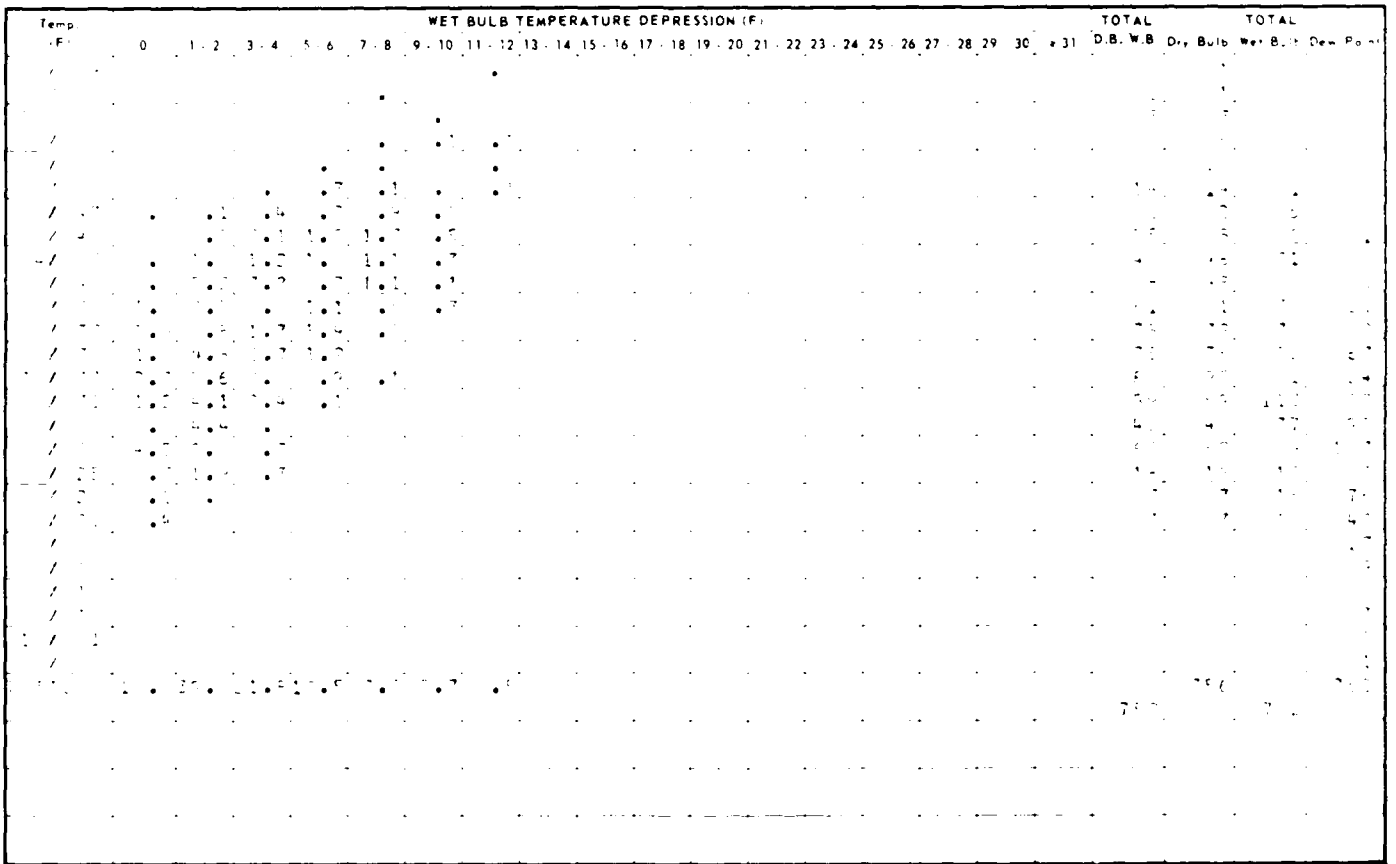
STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS

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

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH



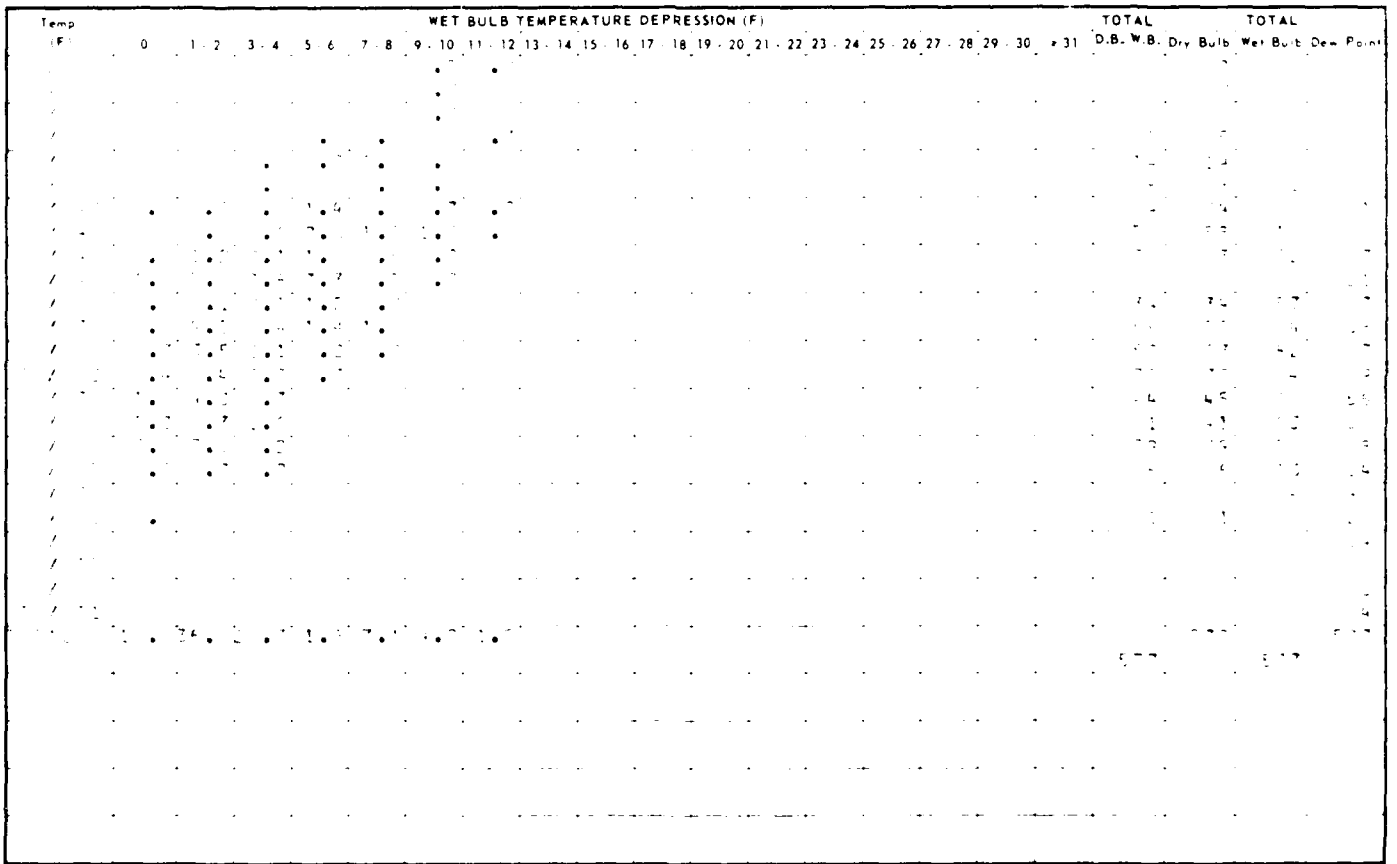
Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM AER 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS



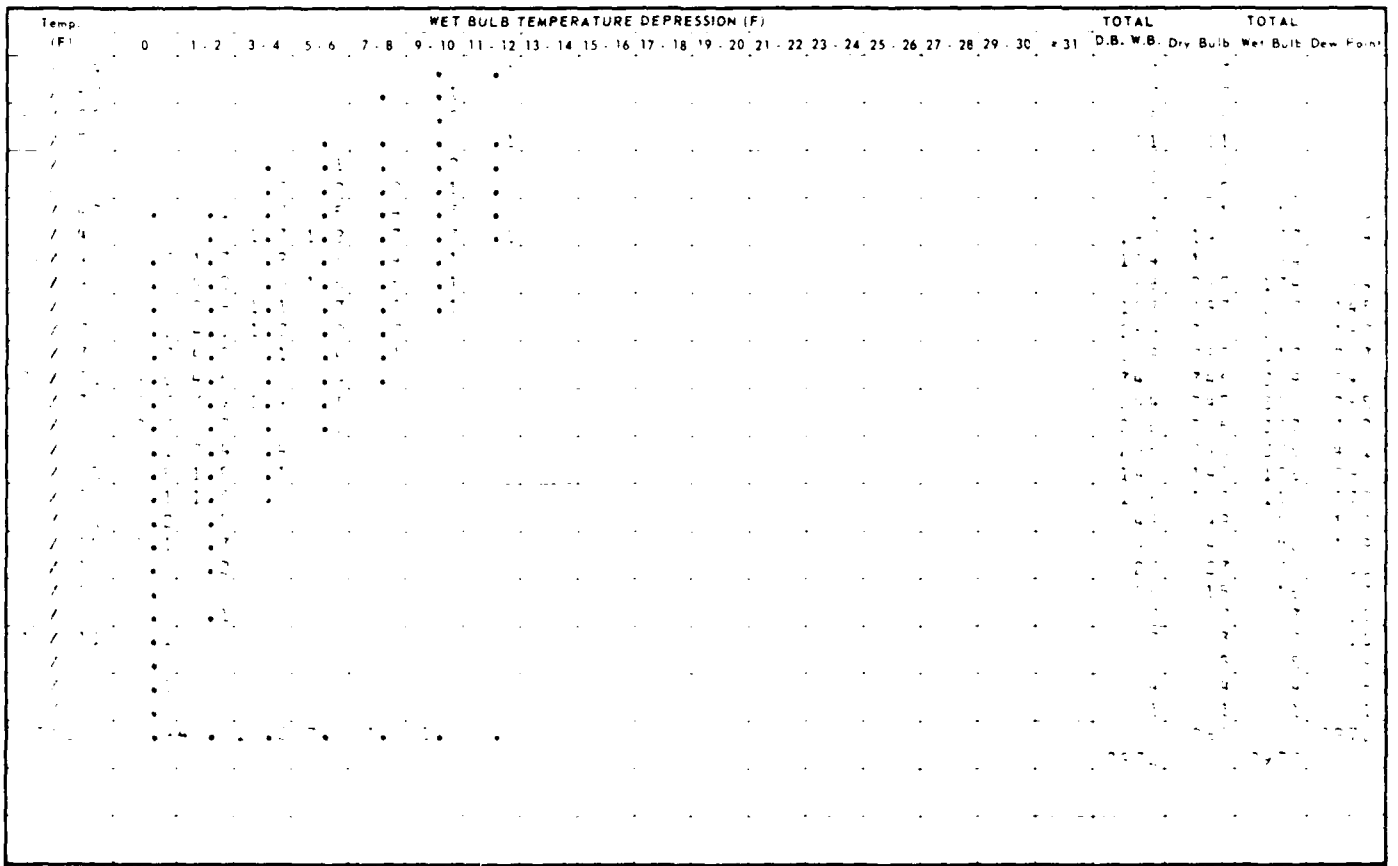
Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point							53.1					

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

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS

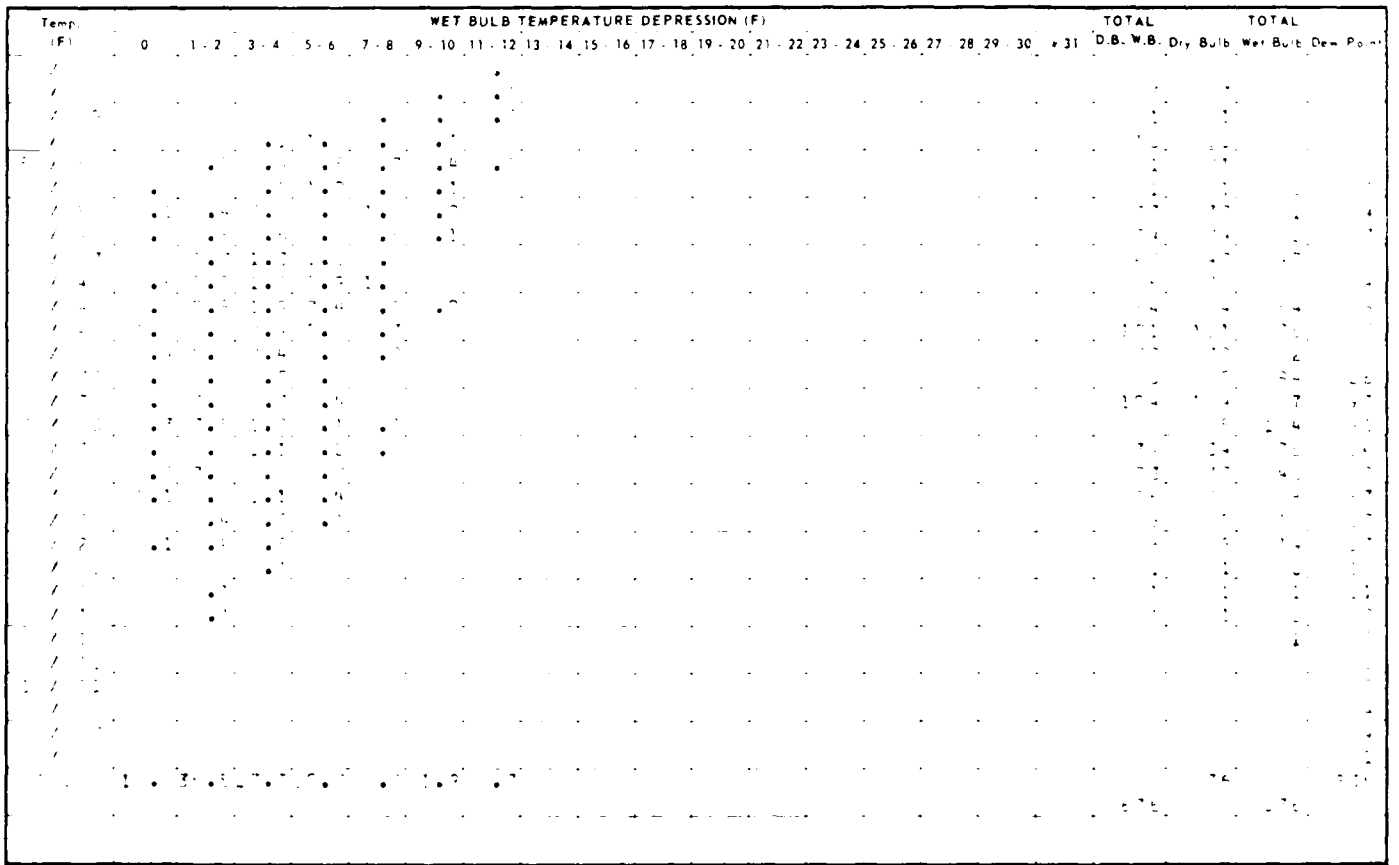
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

Element (X)	$\Sigma X'$	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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS

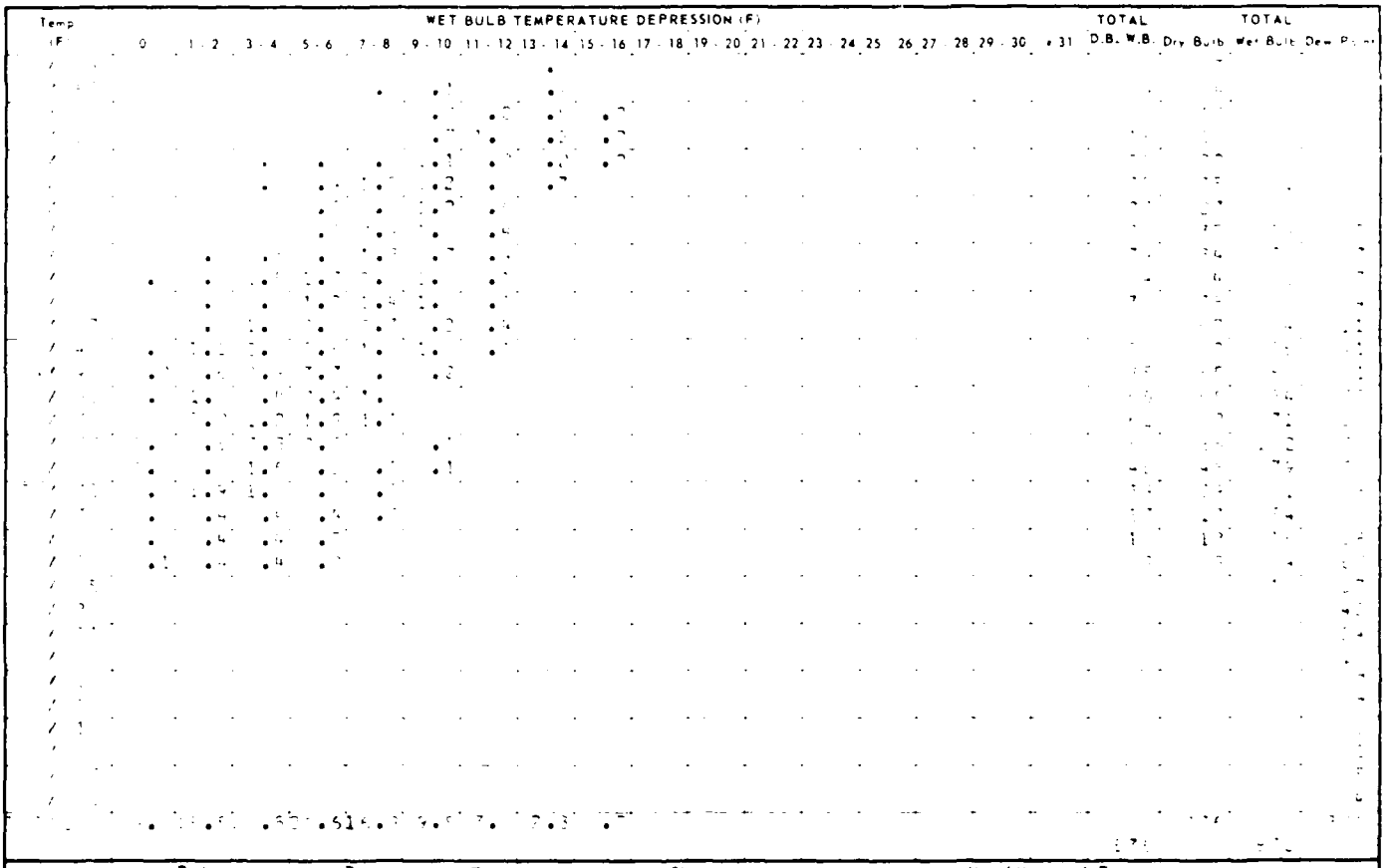


Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26 5 (OL A) AUG 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS



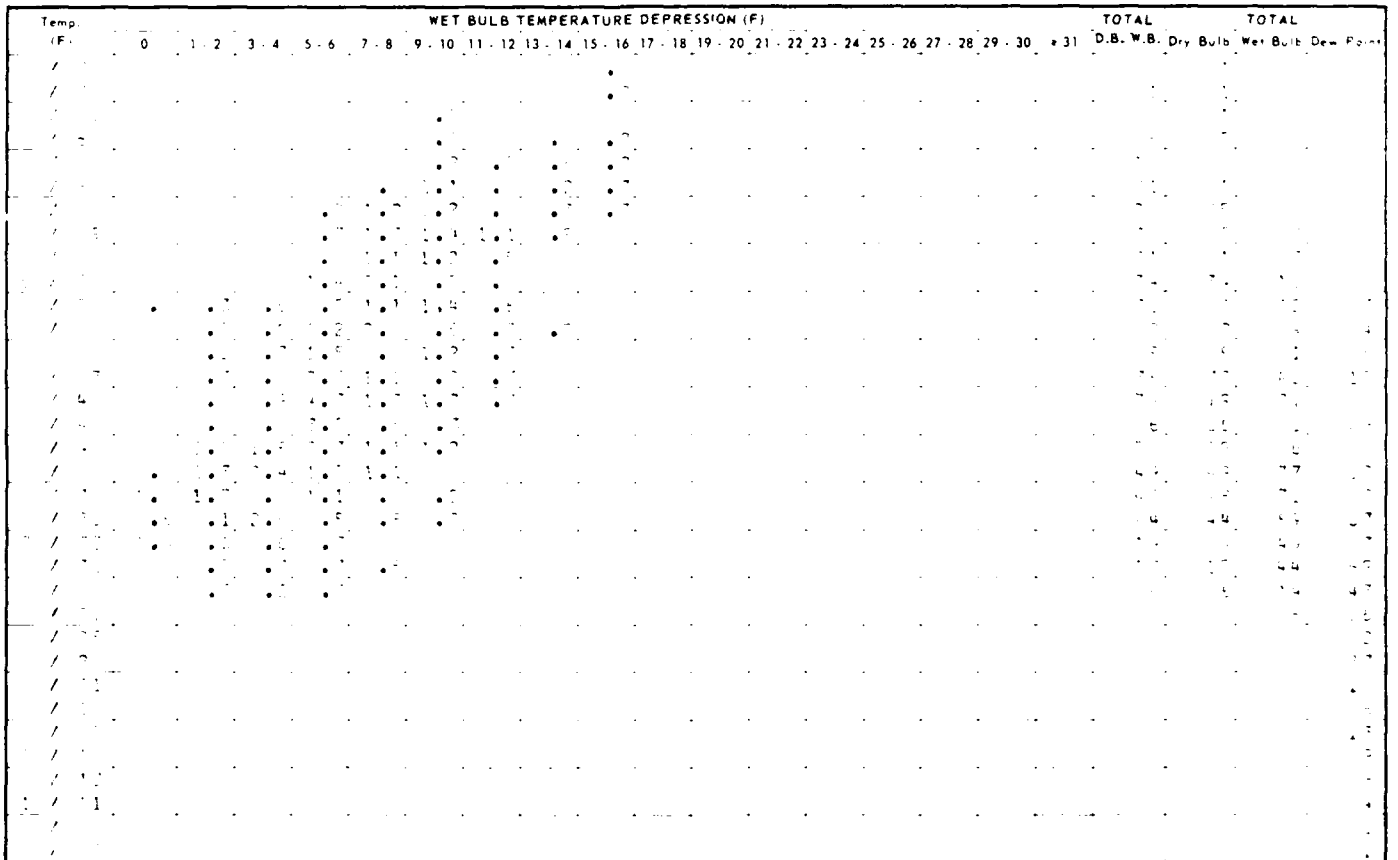
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM AUG 84 0-26-5 (OL A) REVISED PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

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
Ref. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) AM 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

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

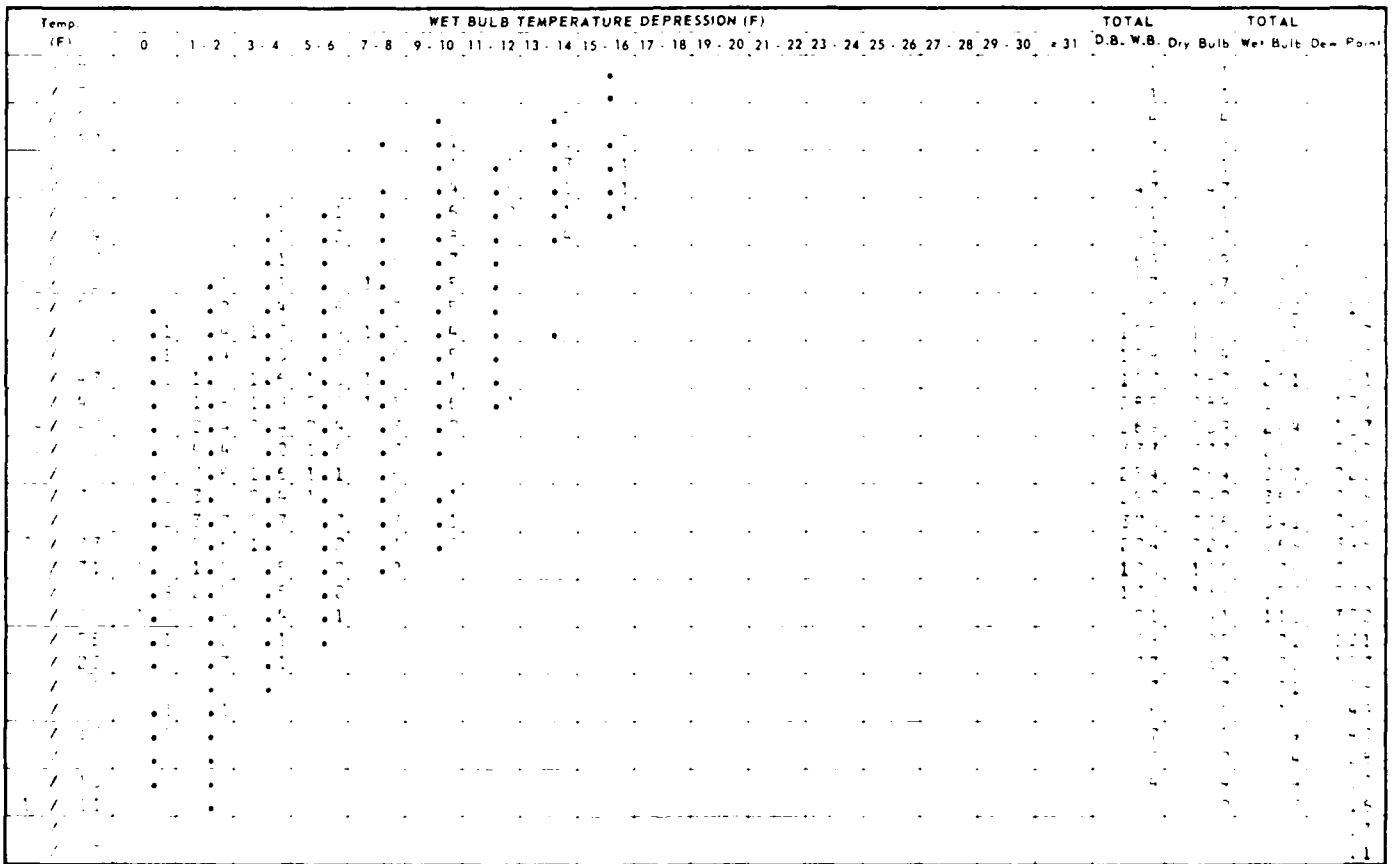
Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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							156.5					
Dew Point							729.4					

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

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

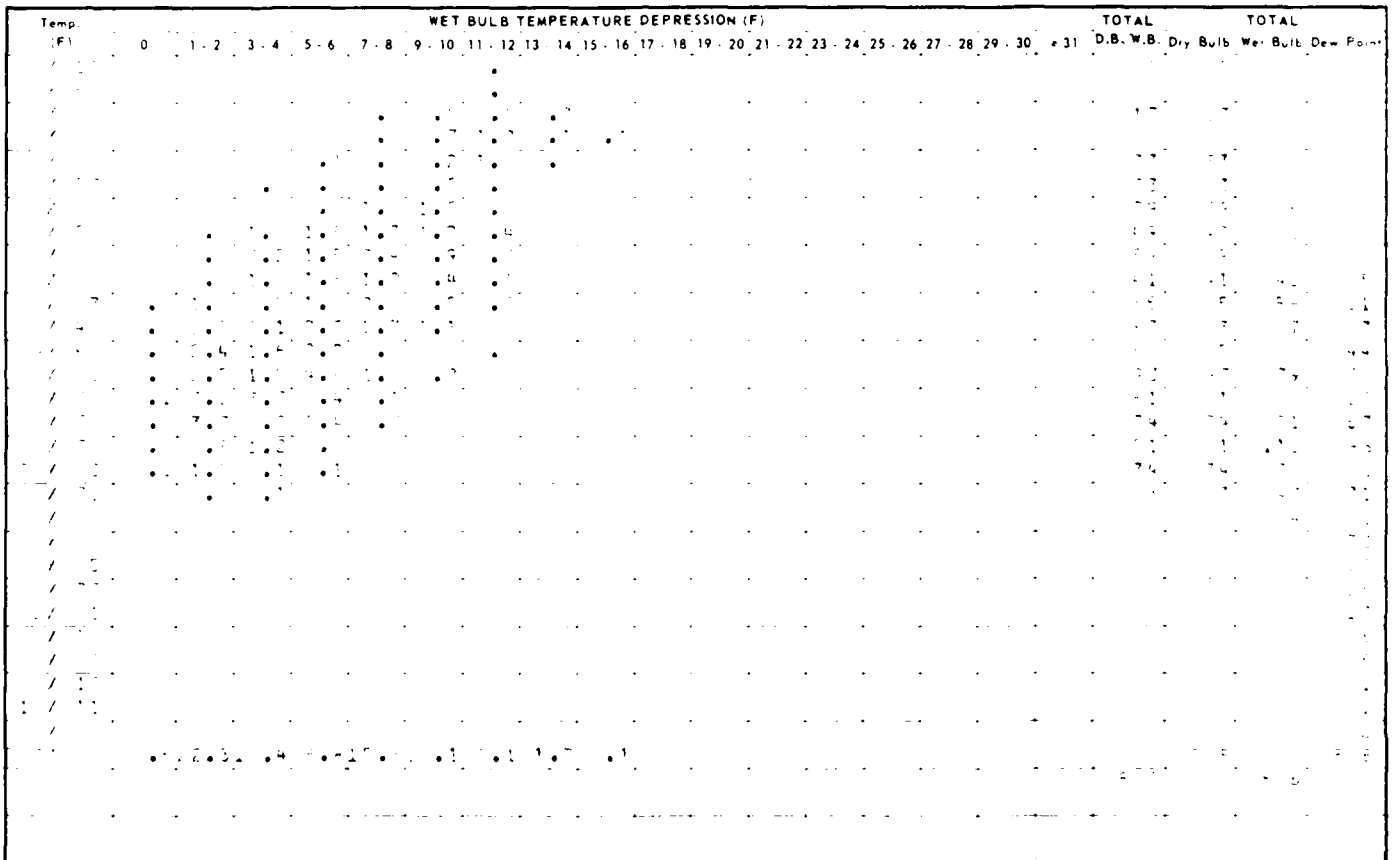
HOURS

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

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS



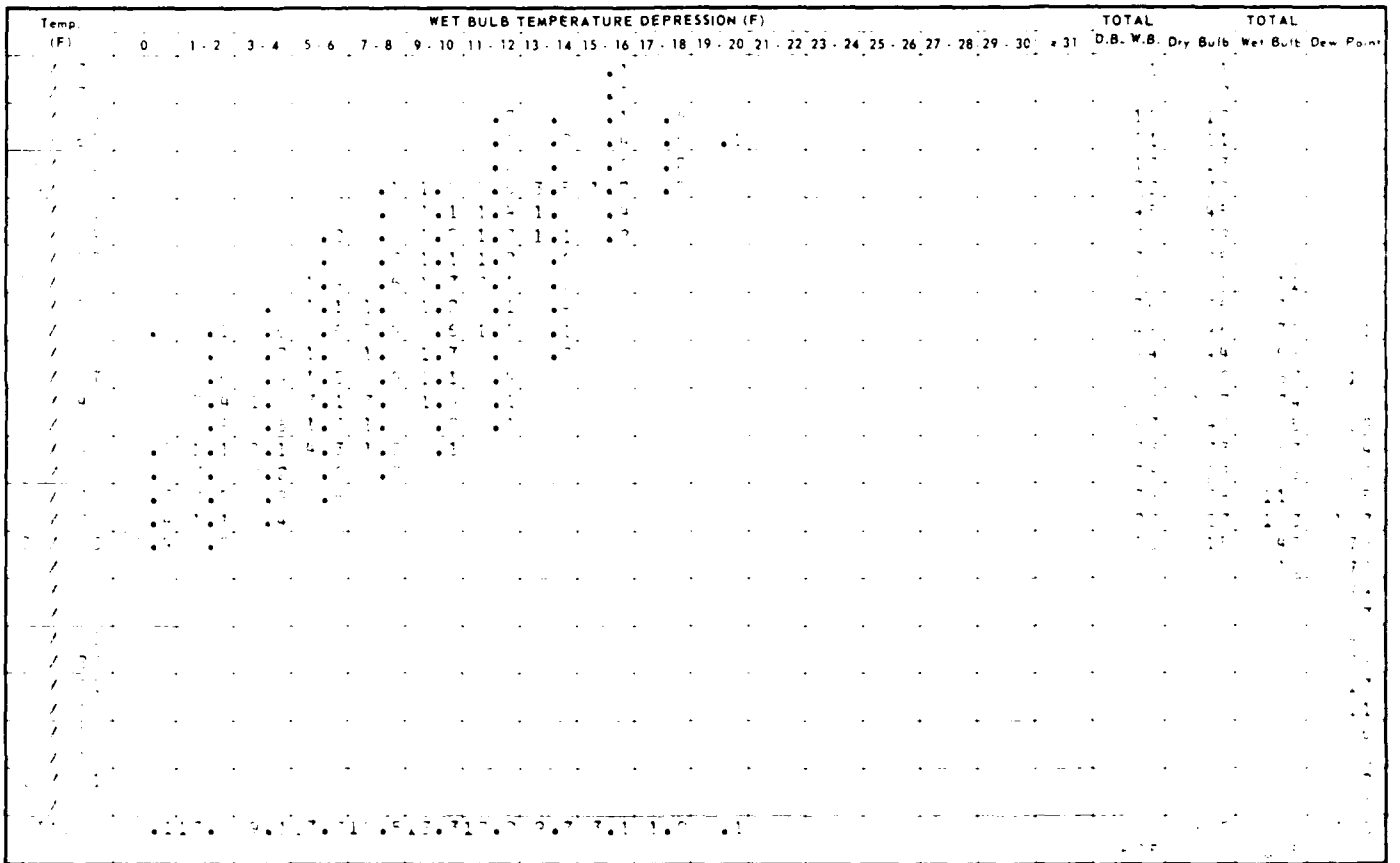
Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.			6									
Dry Bulb			4									
Wet Bulb			4									
Dew Point			34				34					

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

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

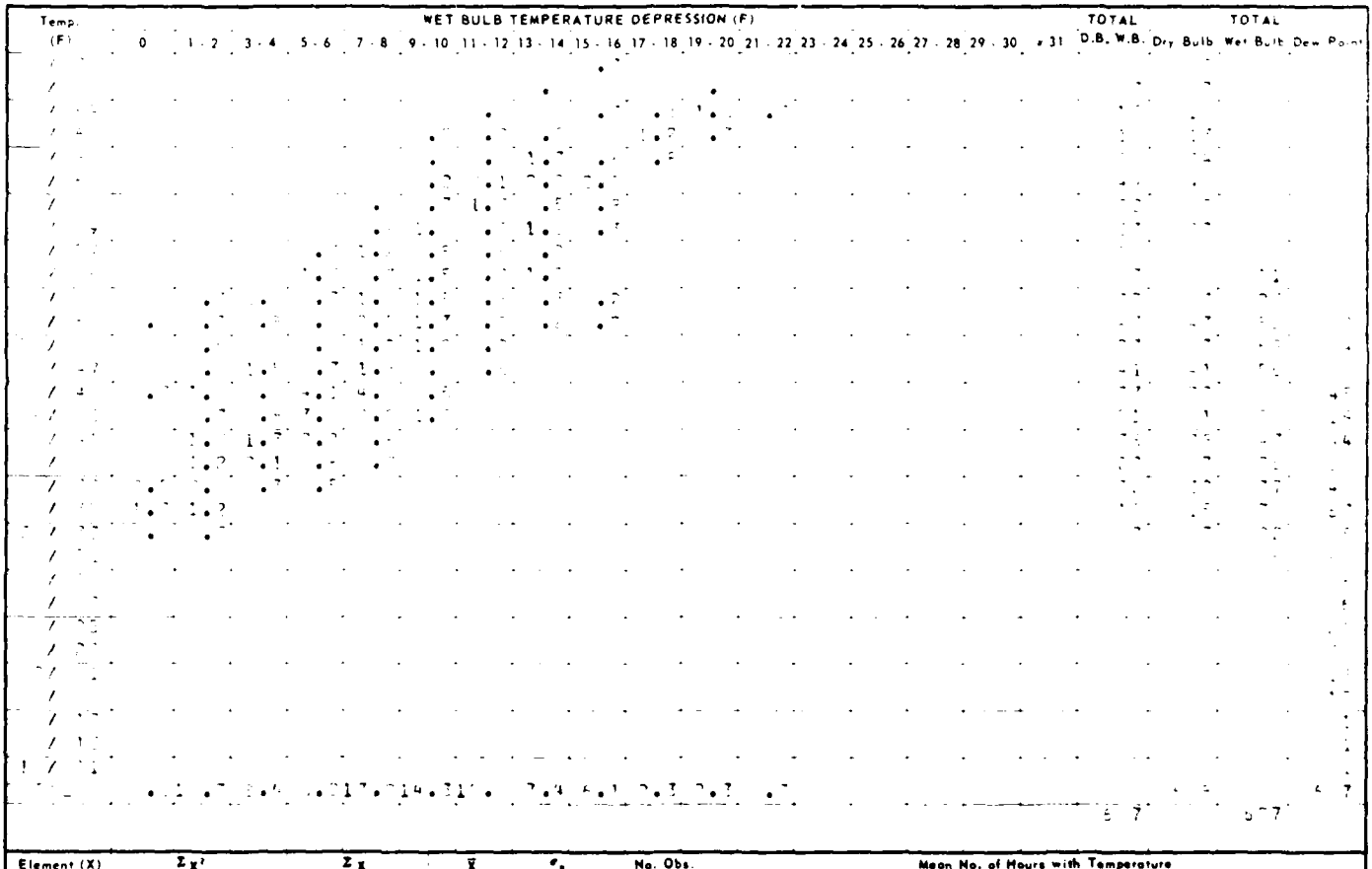


Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS

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

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS

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

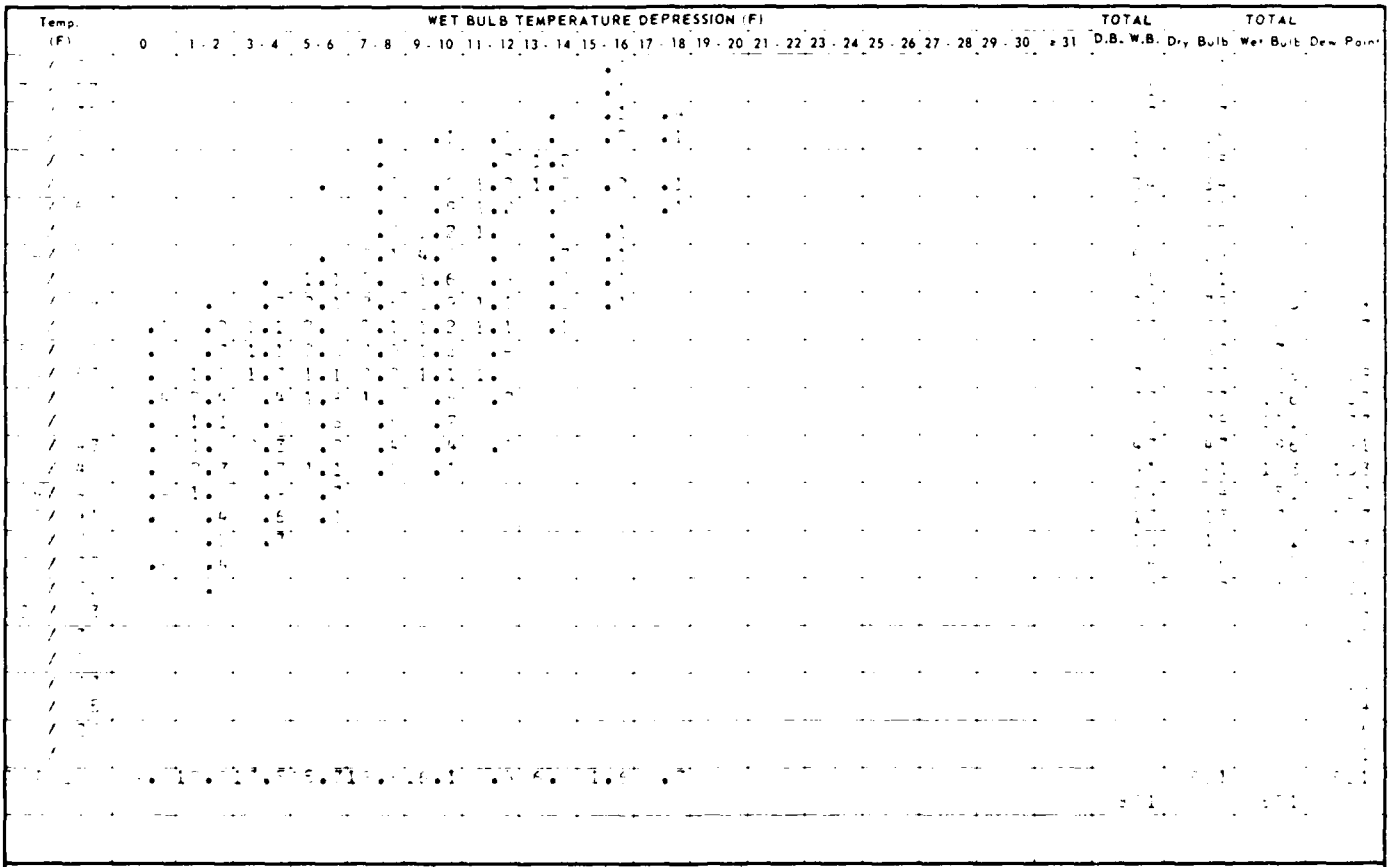
Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS



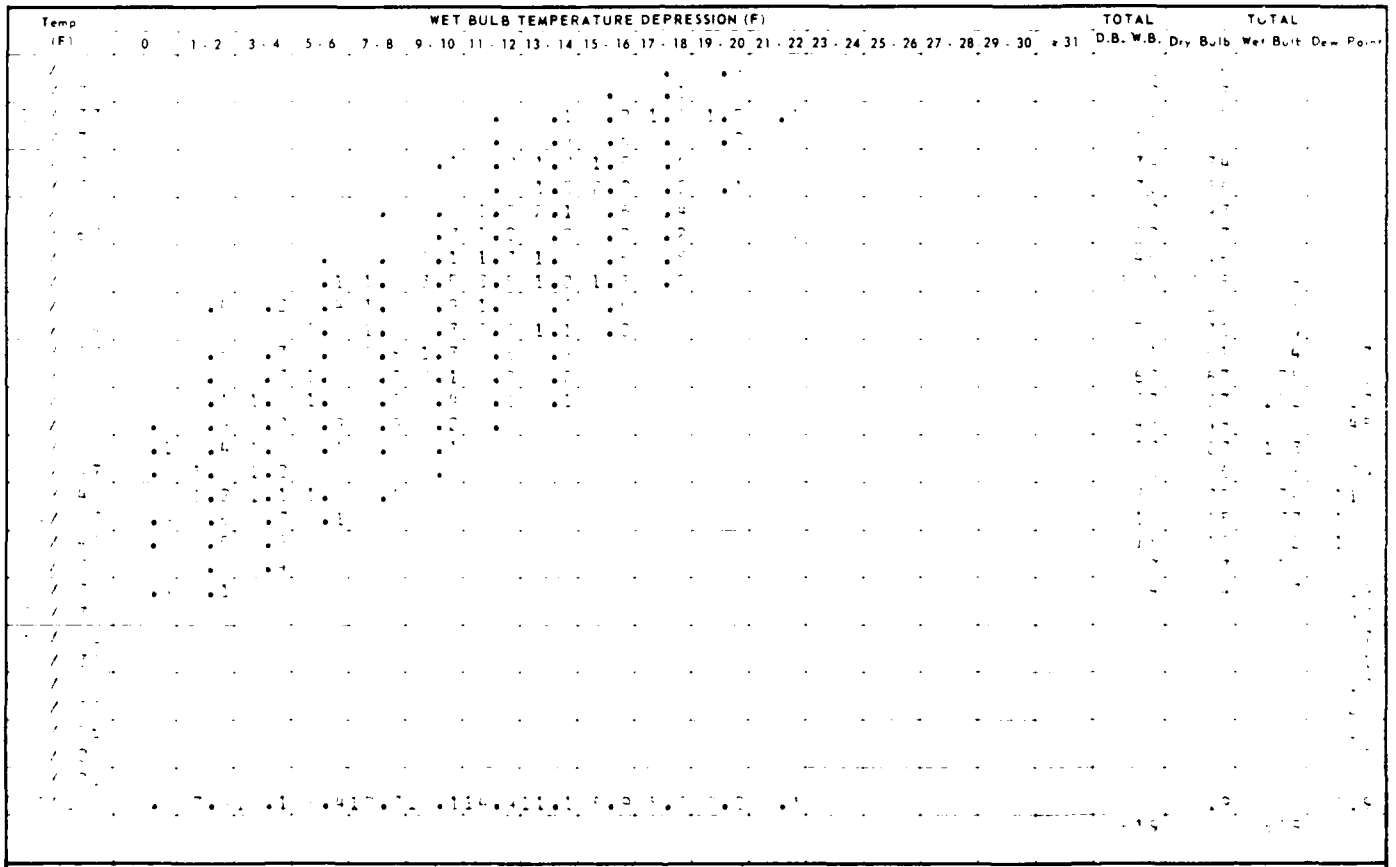
Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS



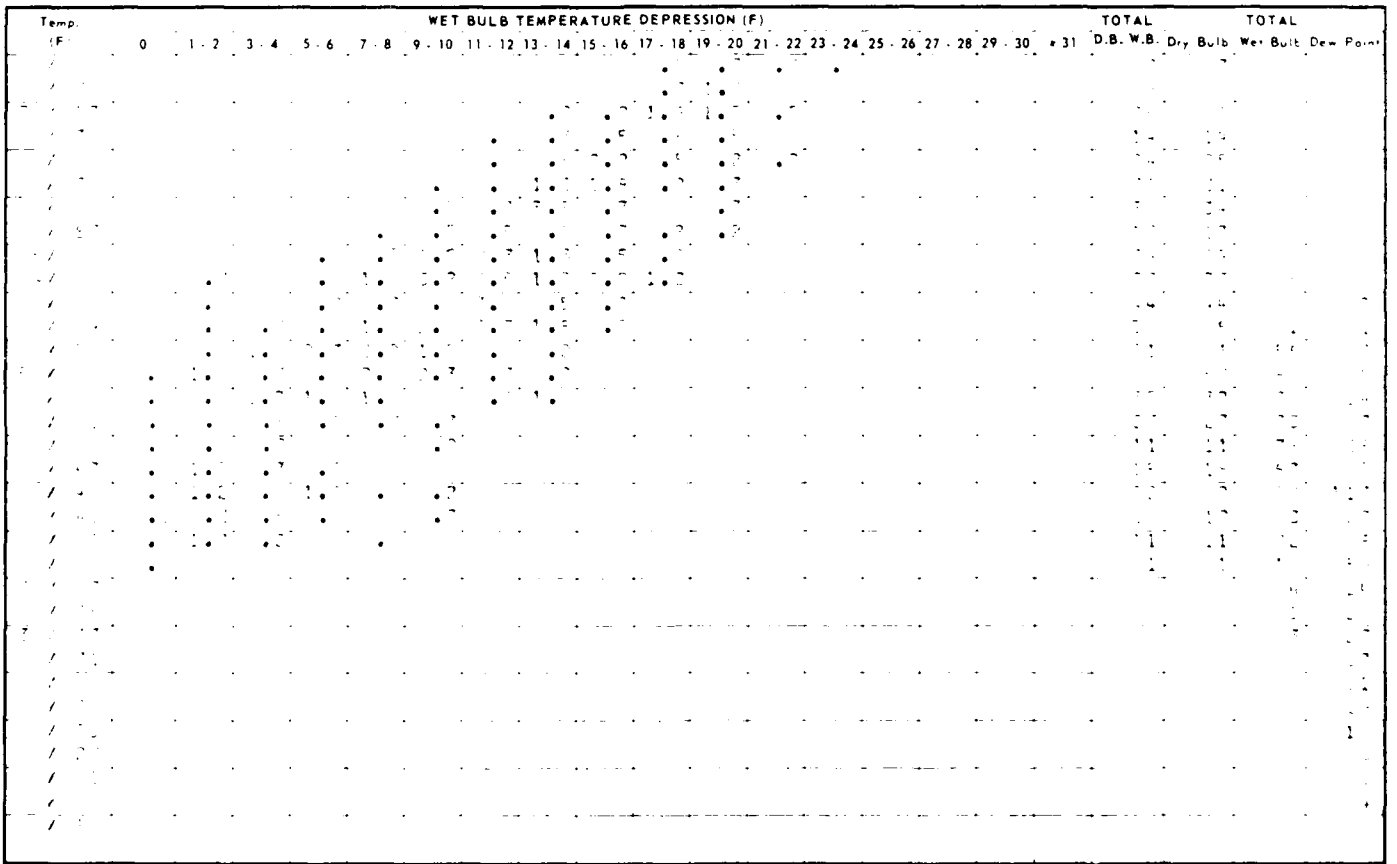
Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS

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

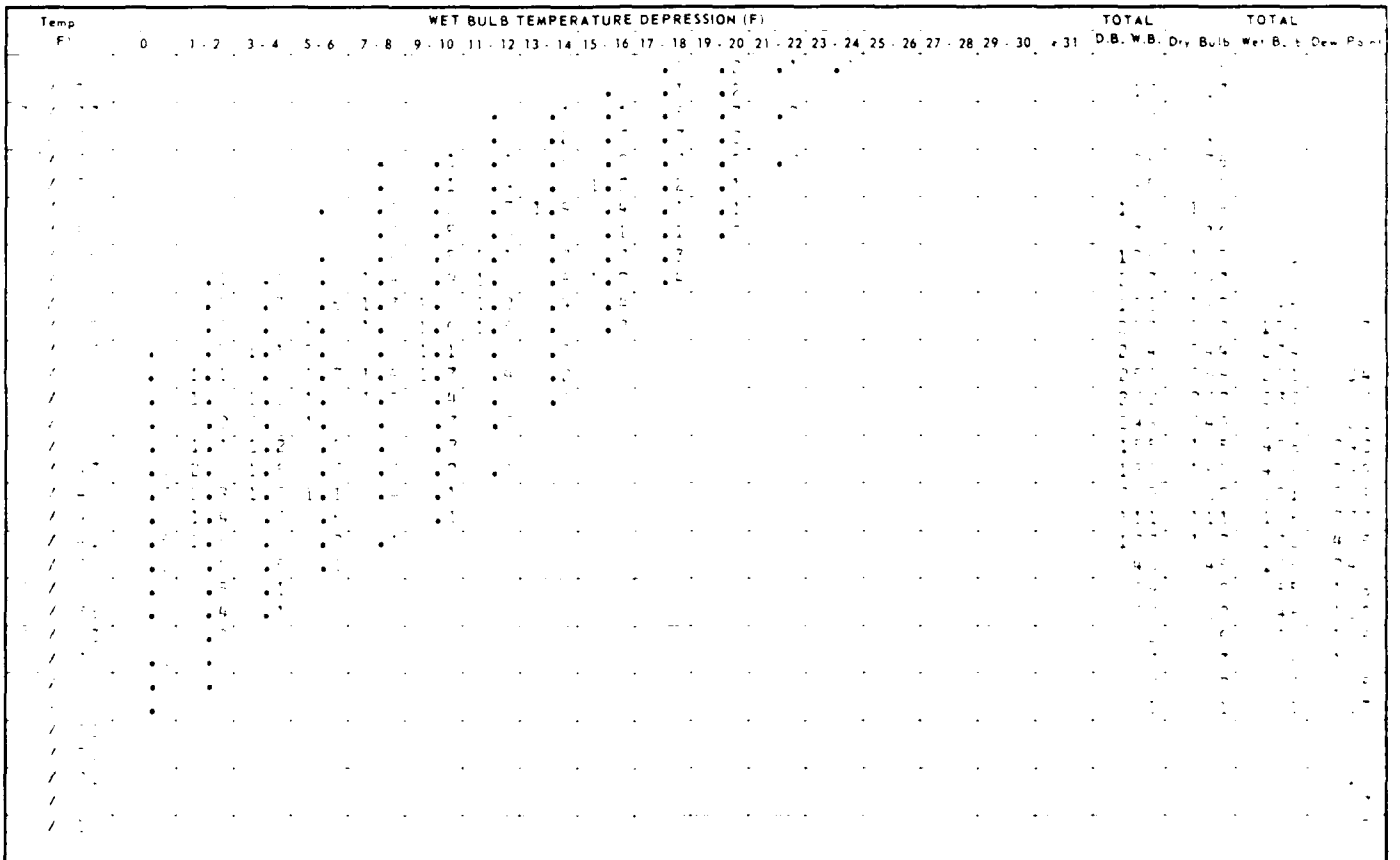
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS _____

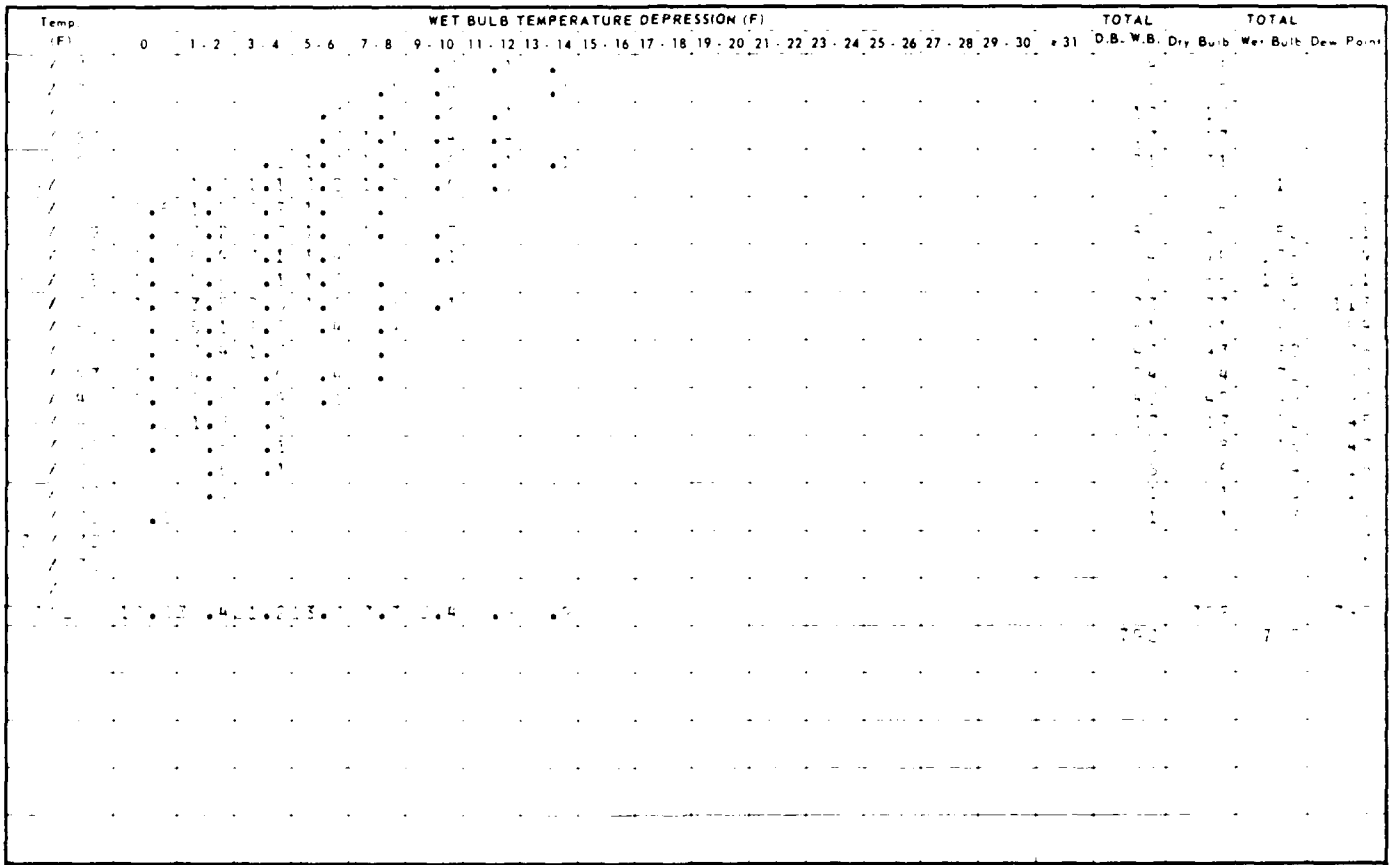
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																													TOTAL D.B.	TOTAL W.B.
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb Dew Point

Element (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							1.4	11	48.			744
Wet Bulb							2.					744
Dew Point							76.5					744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS



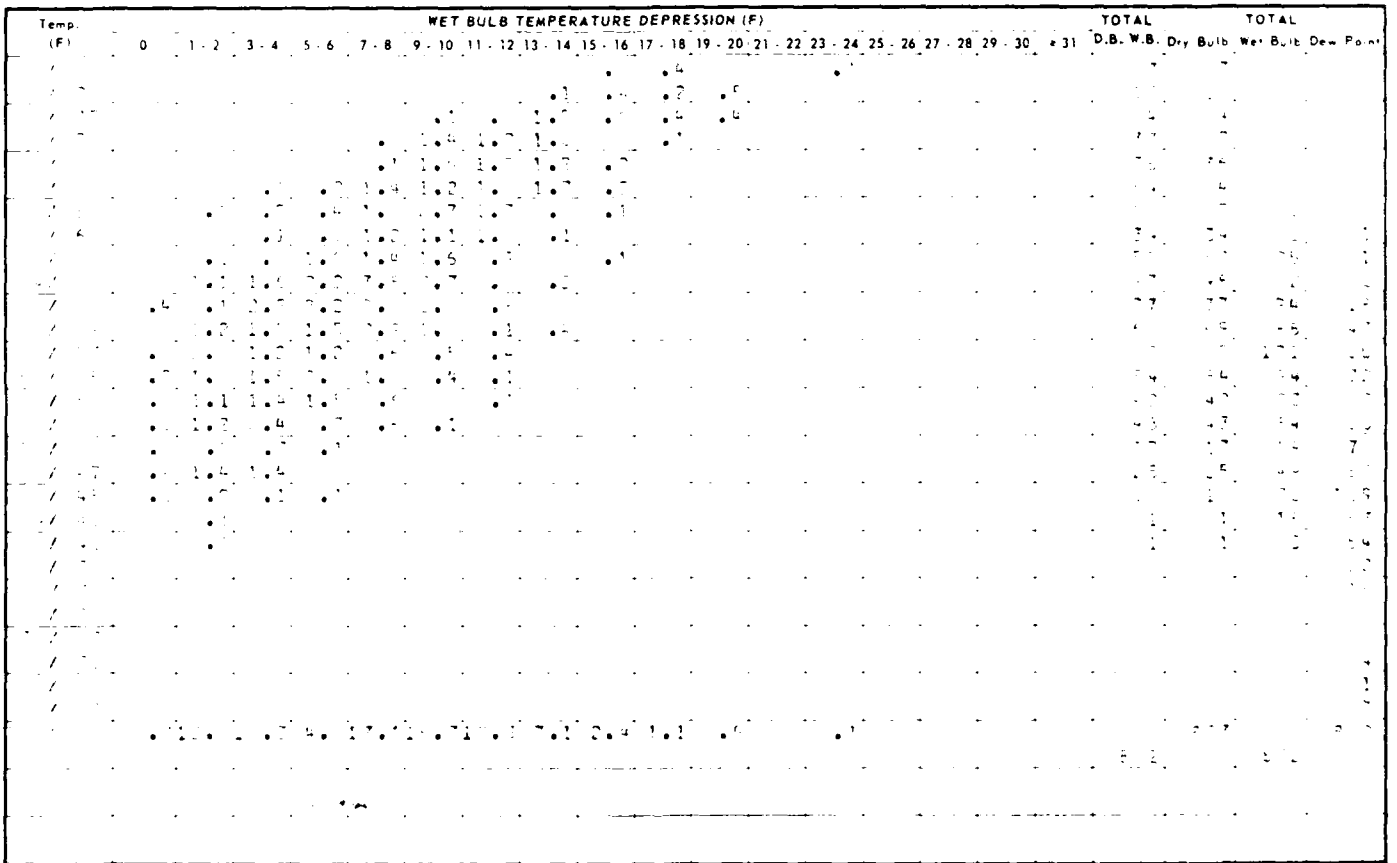
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS _____



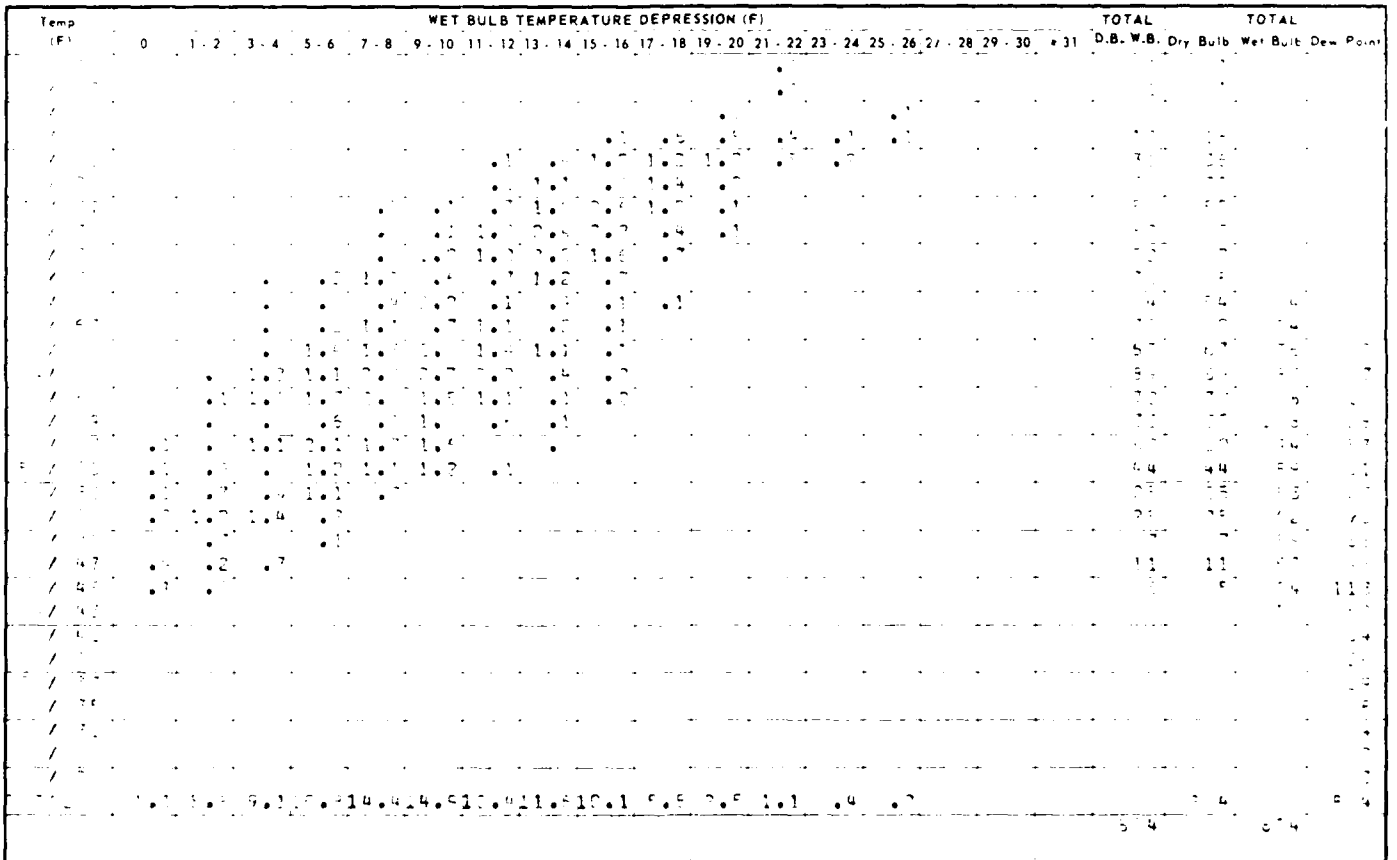
Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb								50.4	12.	1.		
Wet Bulb								.7				
Dew Point							.6	.1				

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

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS



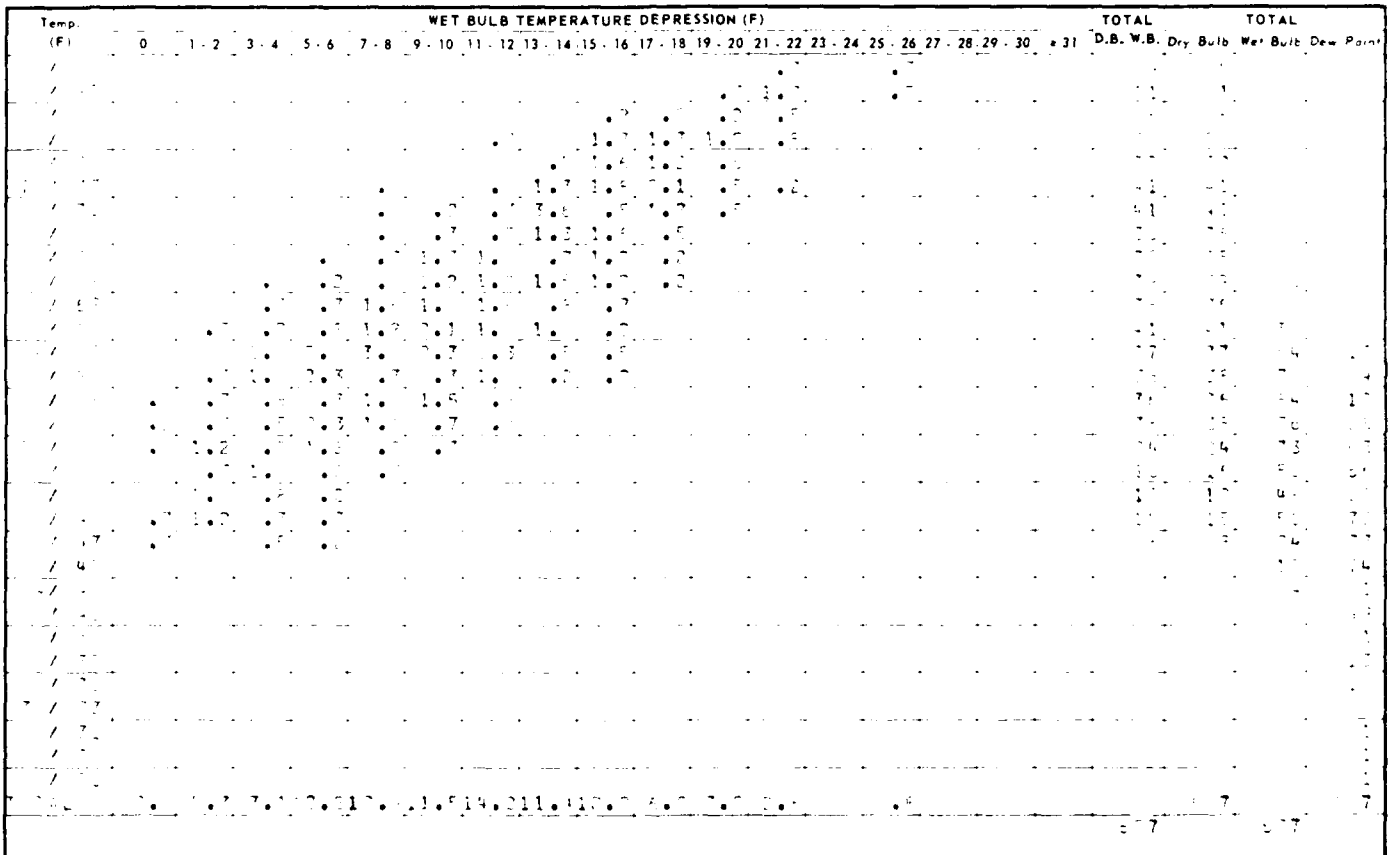
Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_s	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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) AM 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS

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

Element (X)	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 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS

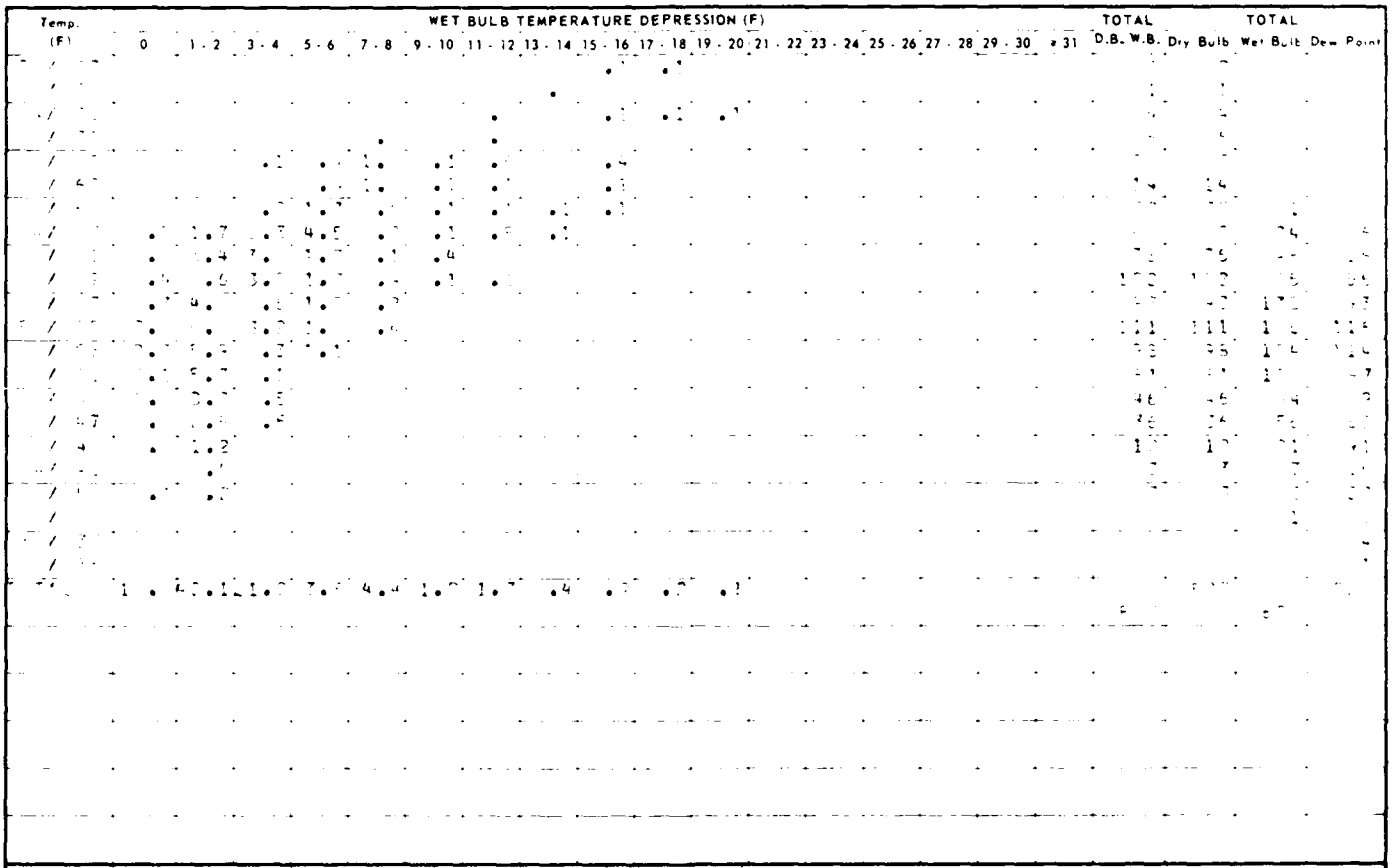
Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

Element (X)	$\Sigma X'$	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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS



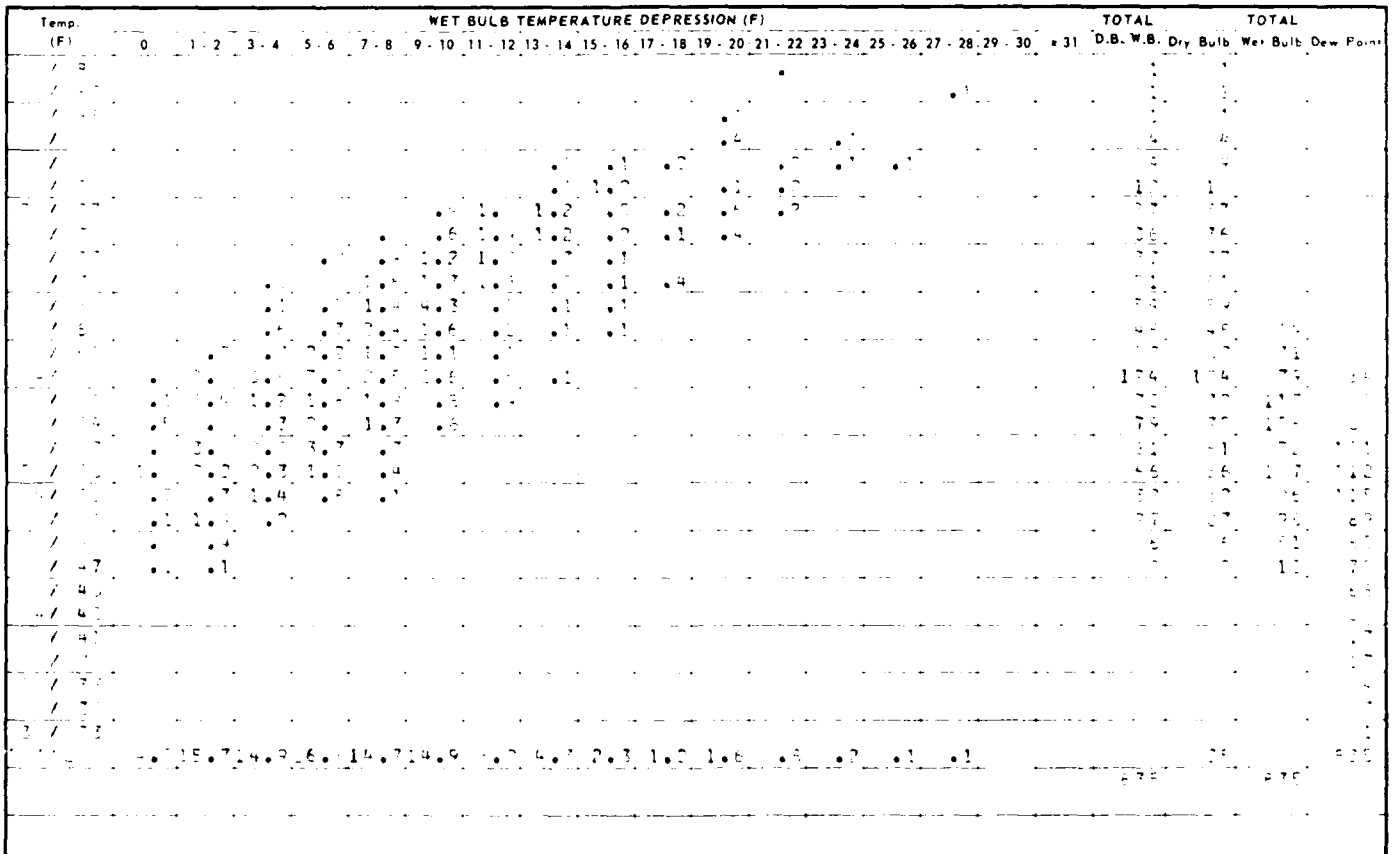
Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS _____



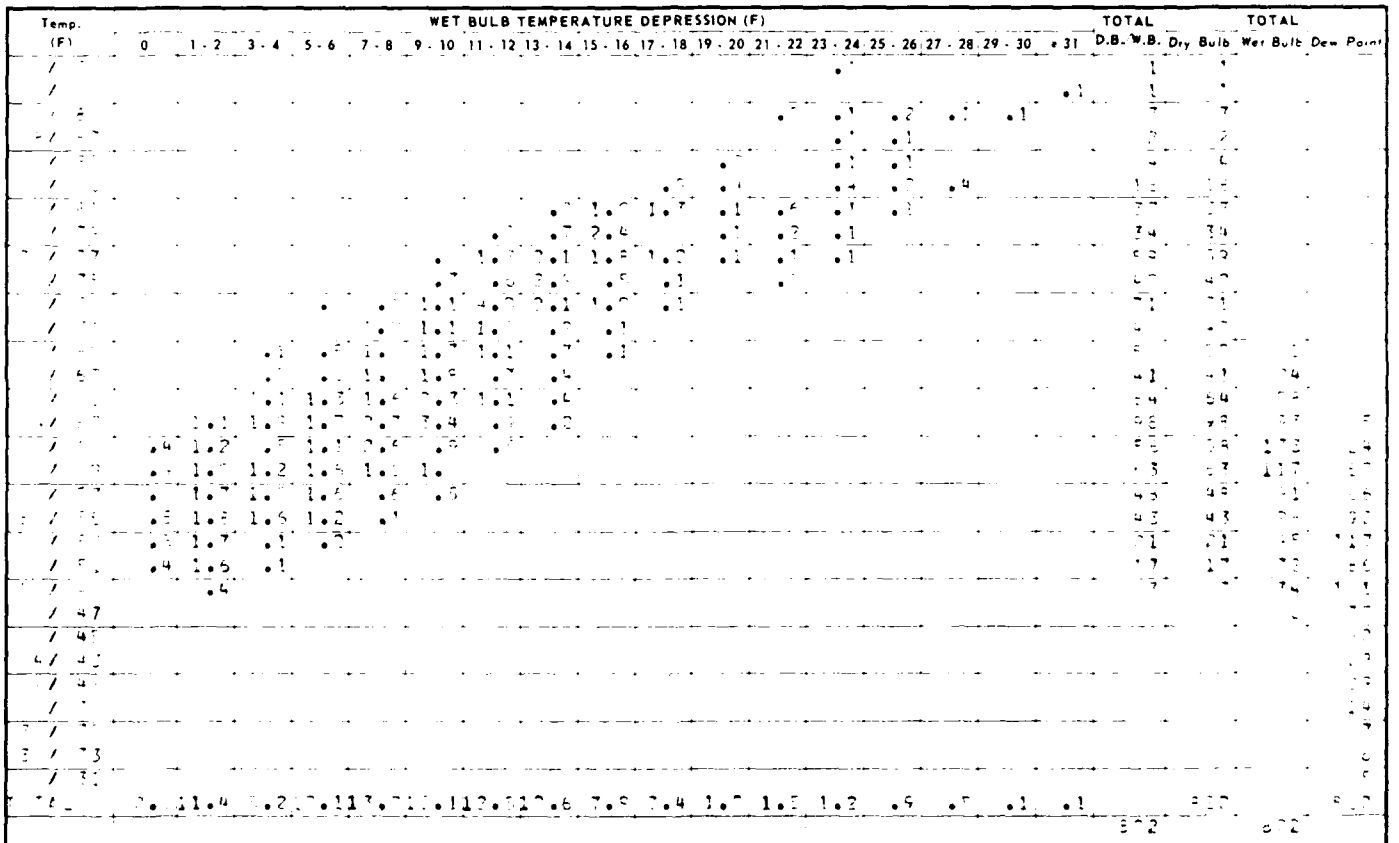
Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Ref. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS _____



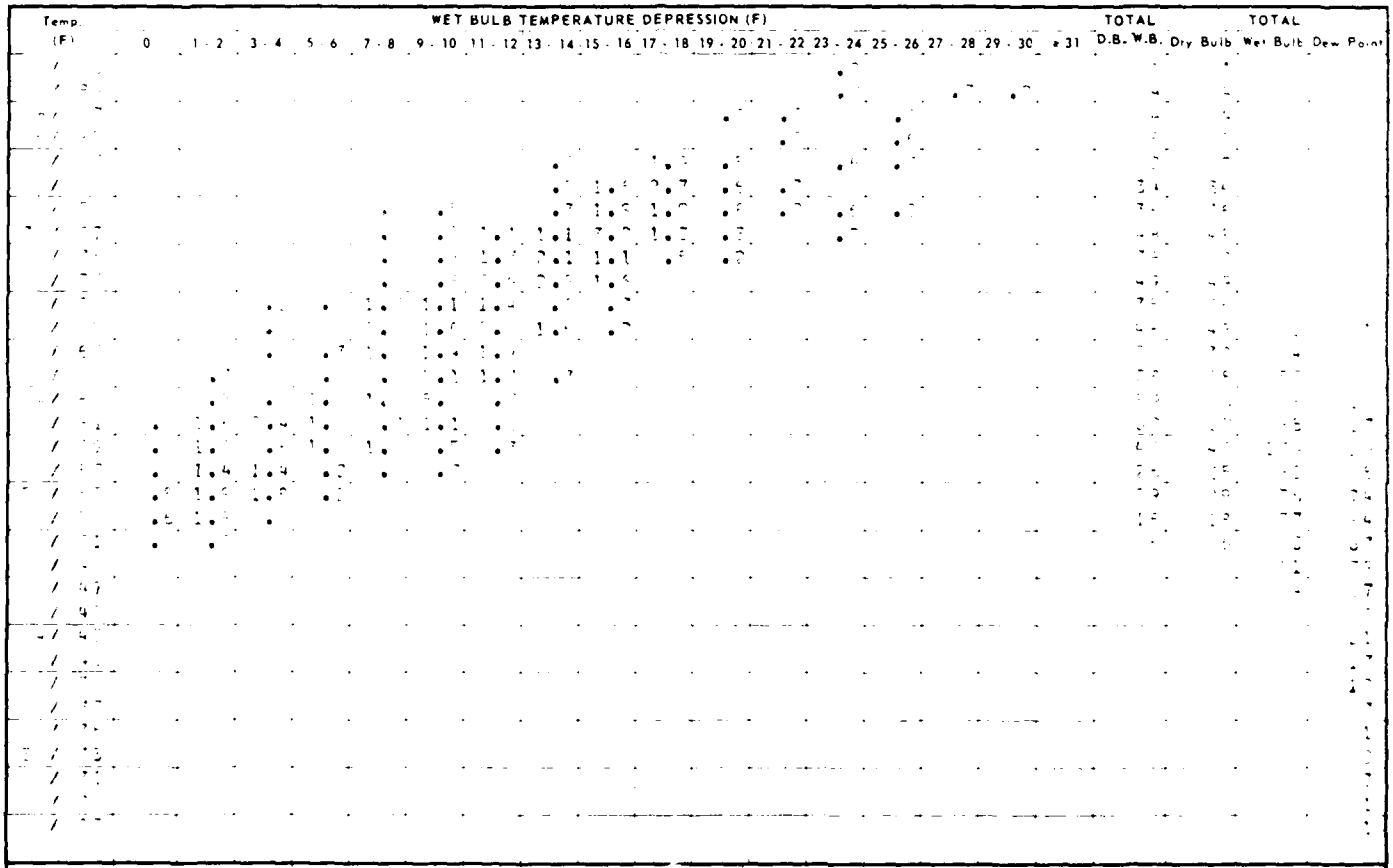
Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS



Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	Nr 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 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

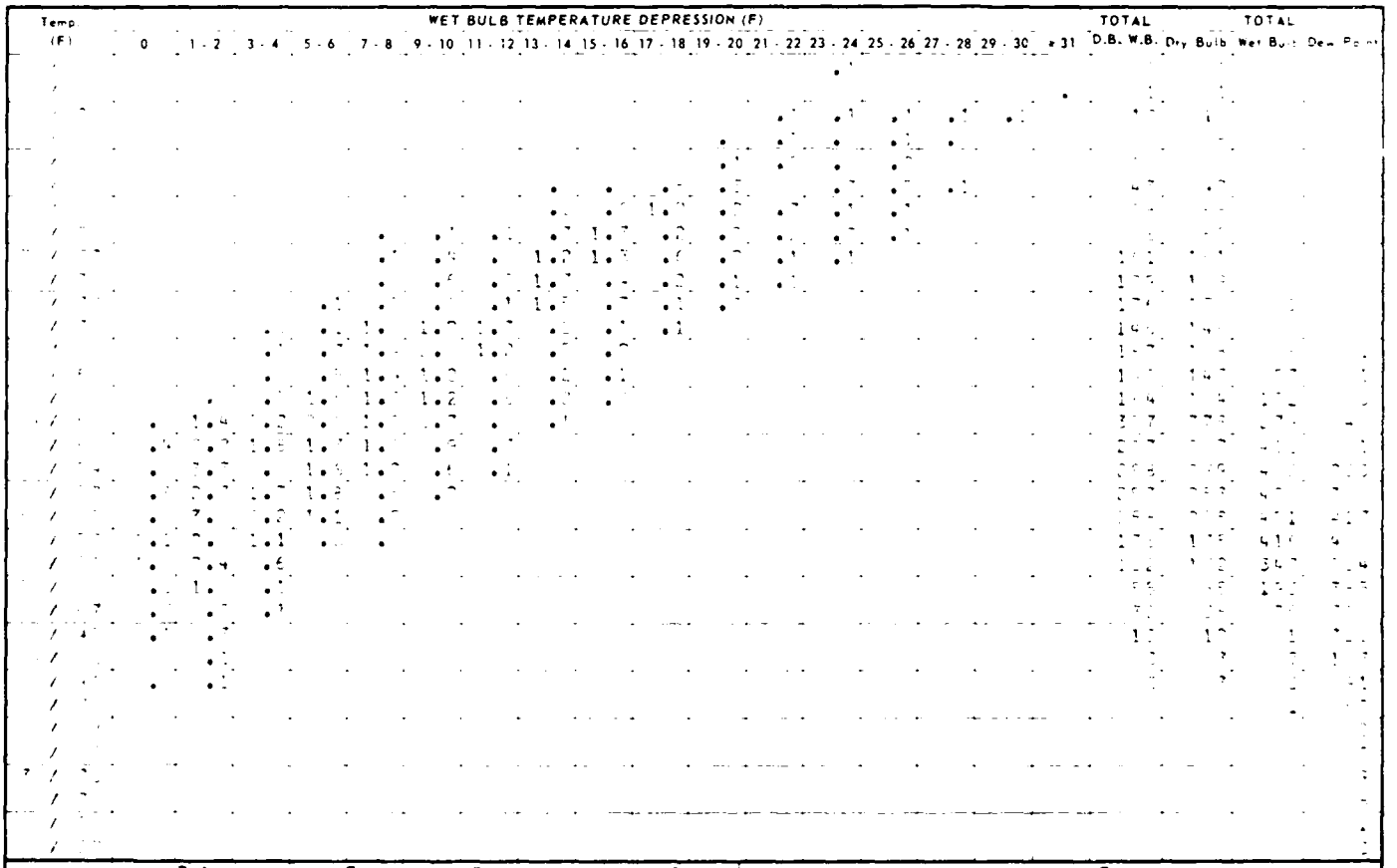
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																													TOTAL D.B.	TOTAL W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS

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

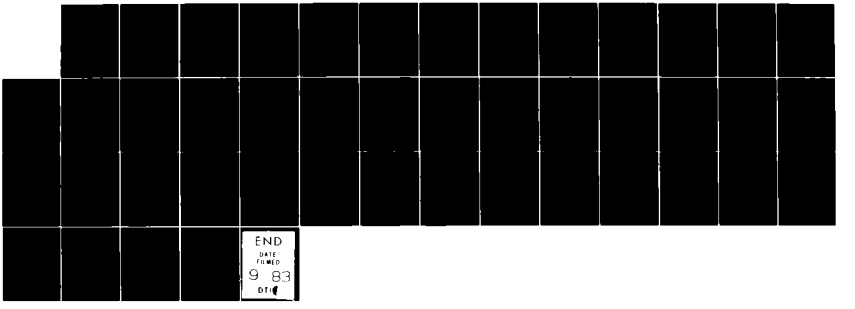
Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb									154			744
Wet Bulb												744
Dew Point												744

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

AD-A131 188 FEUCHT AAF GERMANY (WEST) REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSE..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAY 83

UNCLASSIFIED USAFETAC/DS-83/012 SBI-AD-E850 390 F/G 4/2 NL

3/3



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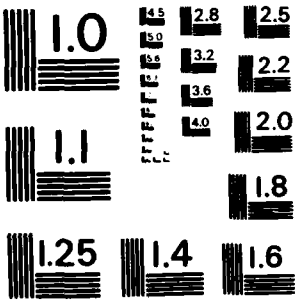


MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

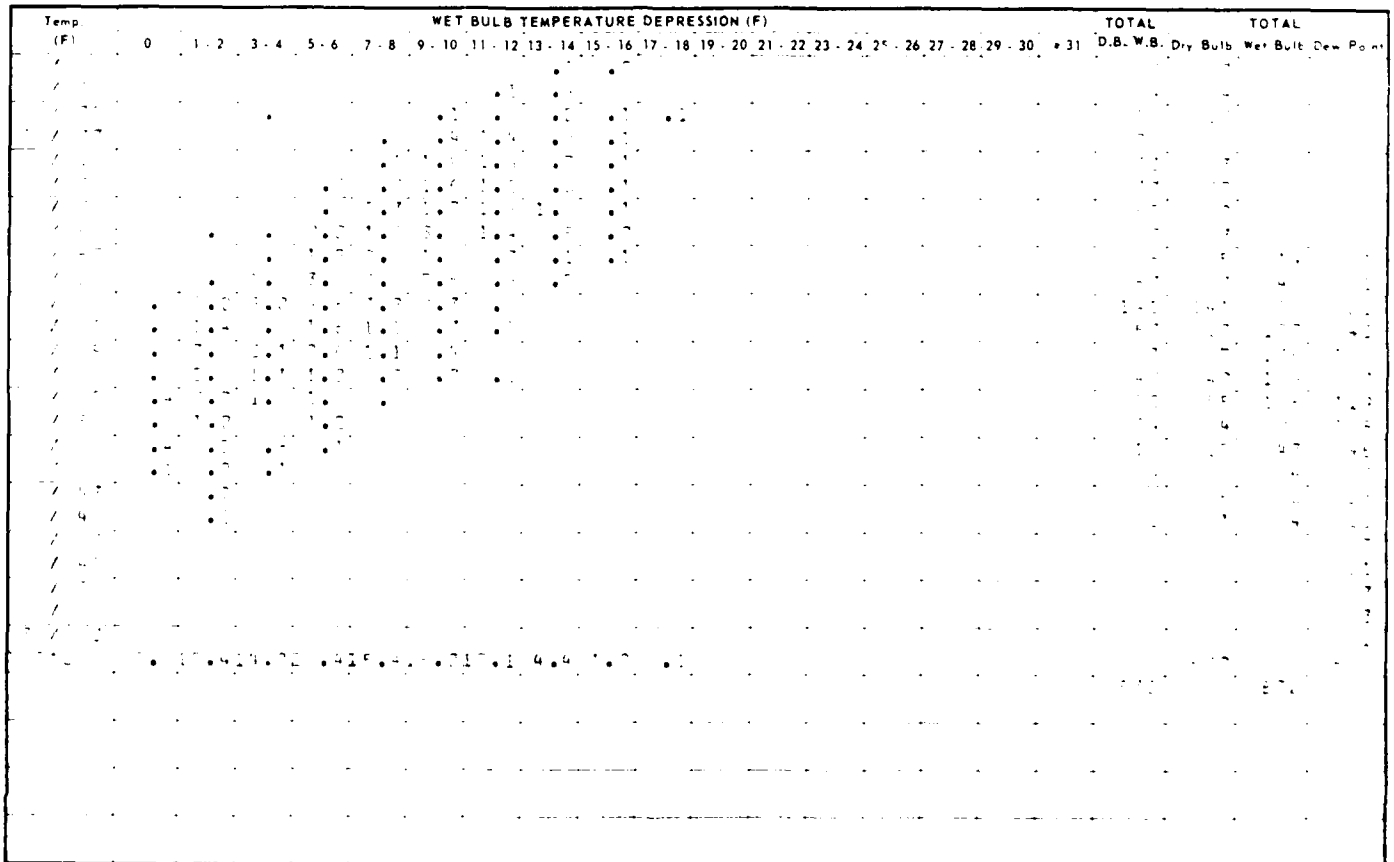
HOURS (L.S.T.)

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

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS



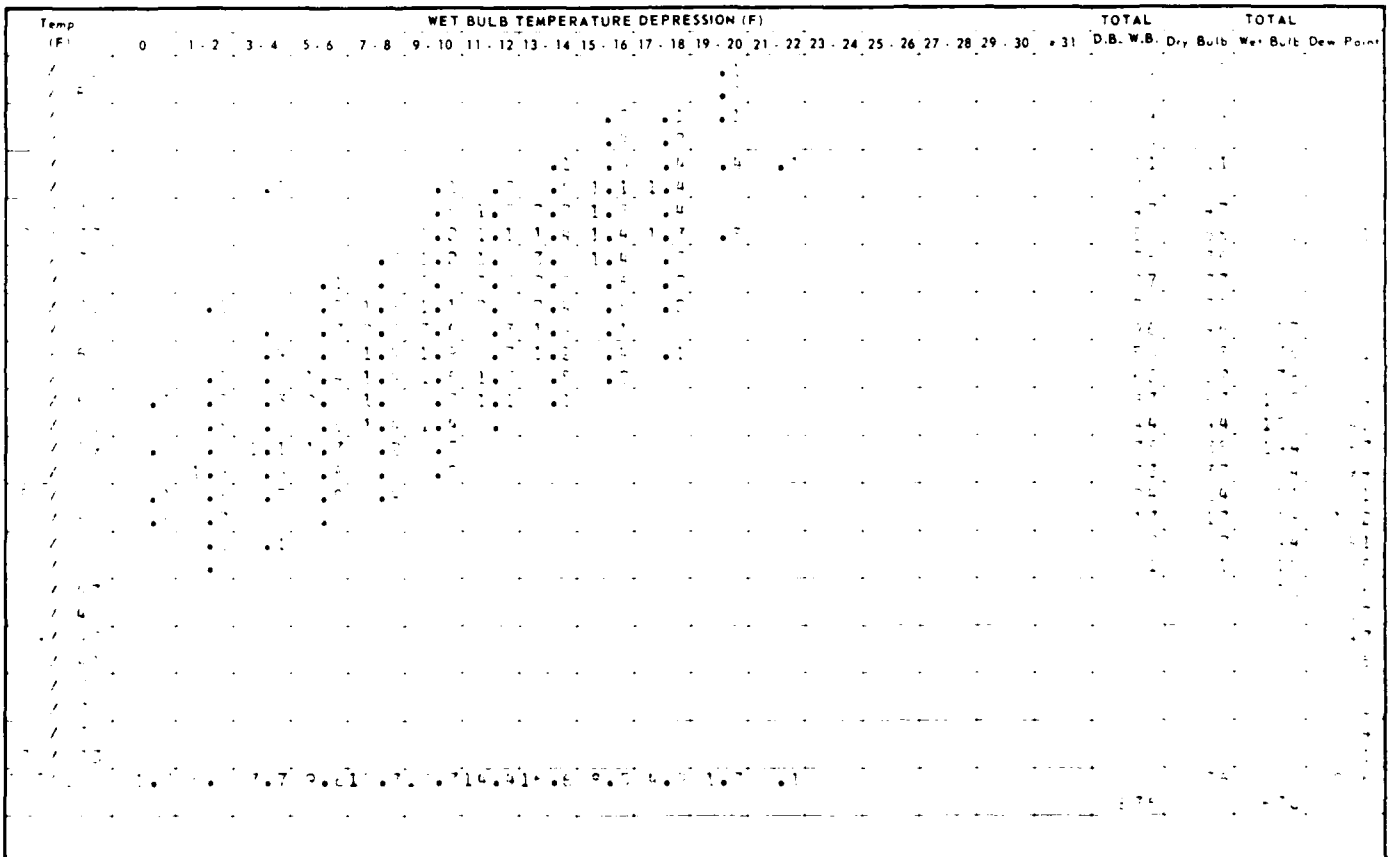
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb								34	12			
Wet Bulb												
Dew Point												

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

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS



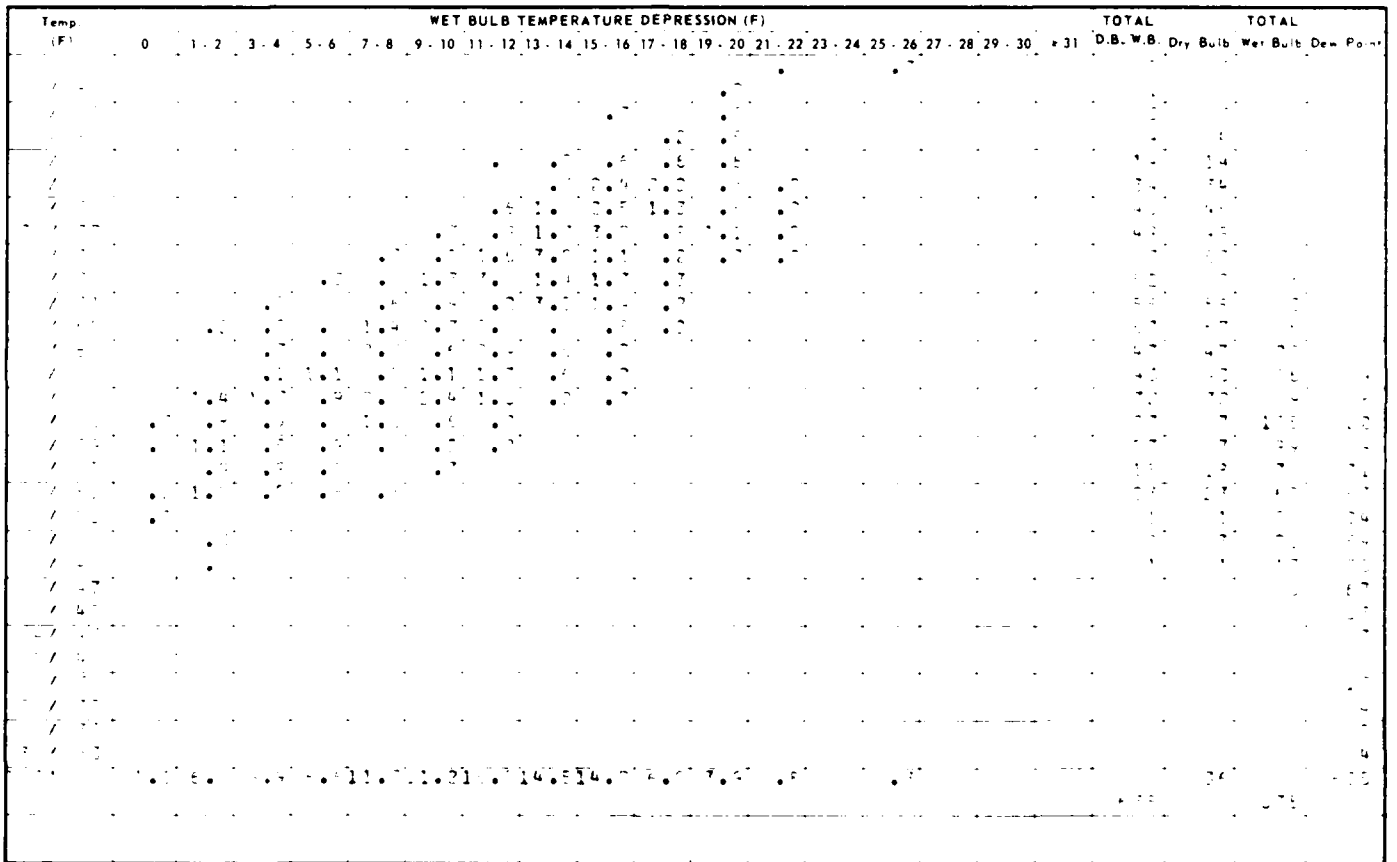
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS



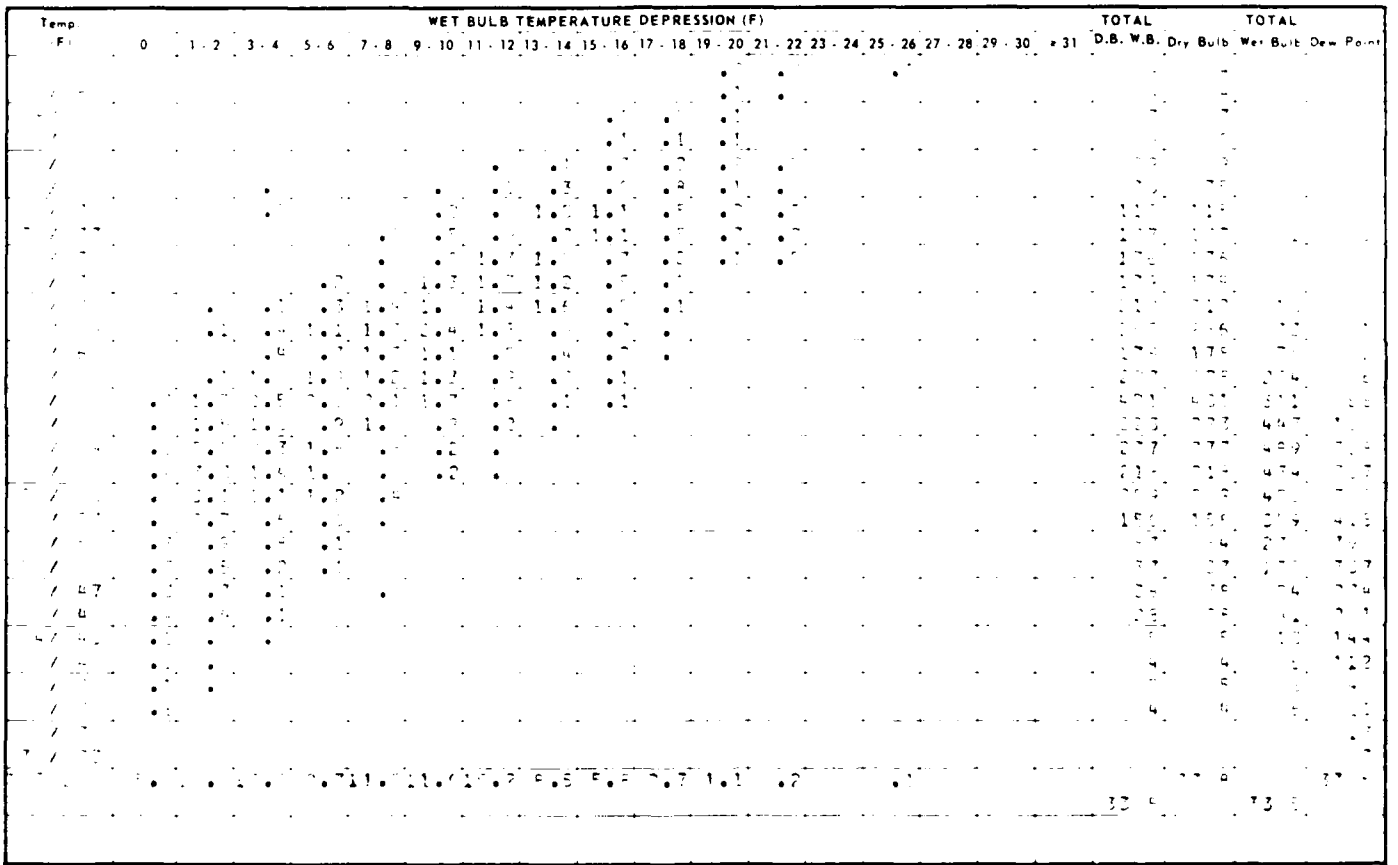
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS



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

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

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS

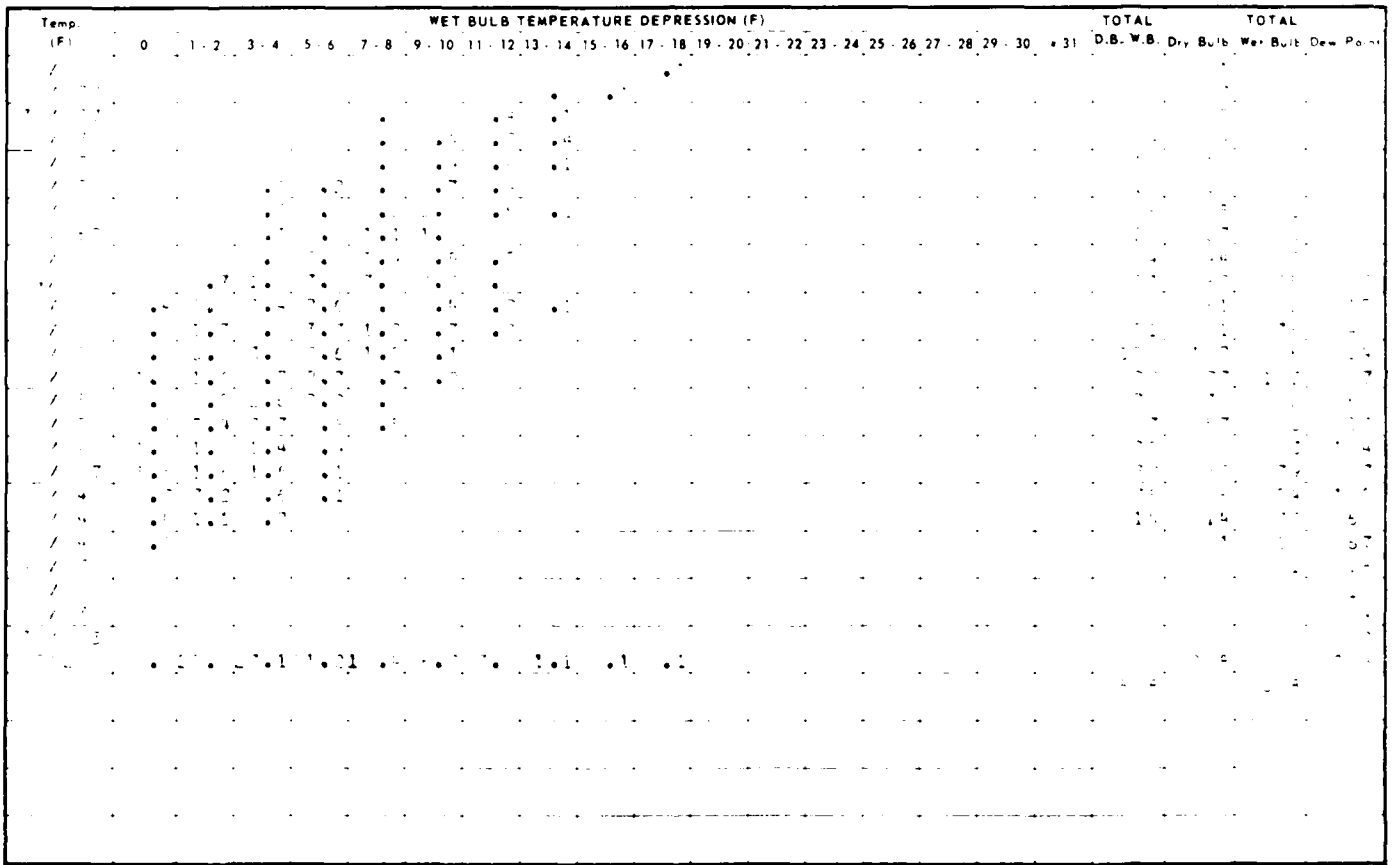
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

Element (X)	$\Sigma X'$	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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS



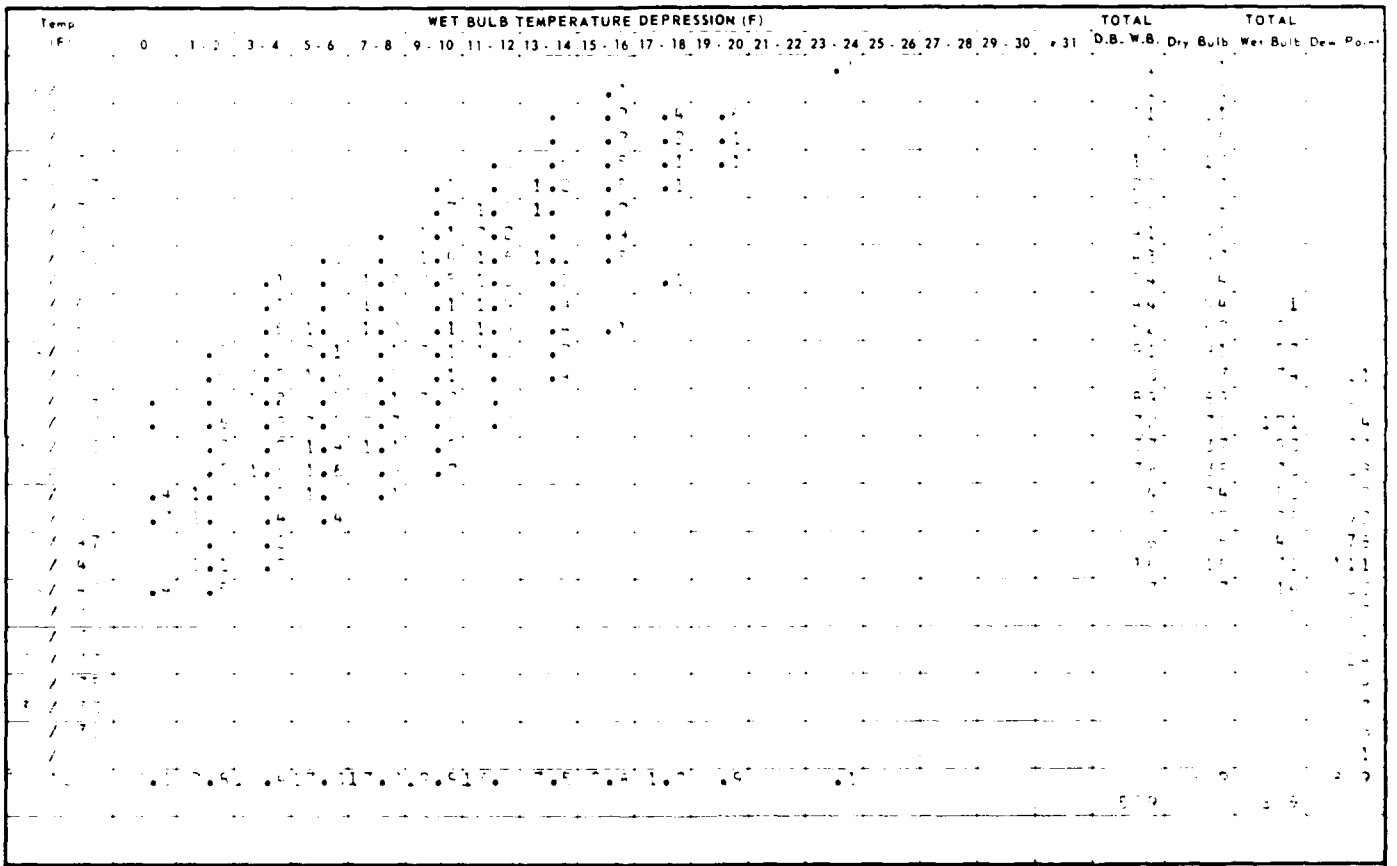
Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS



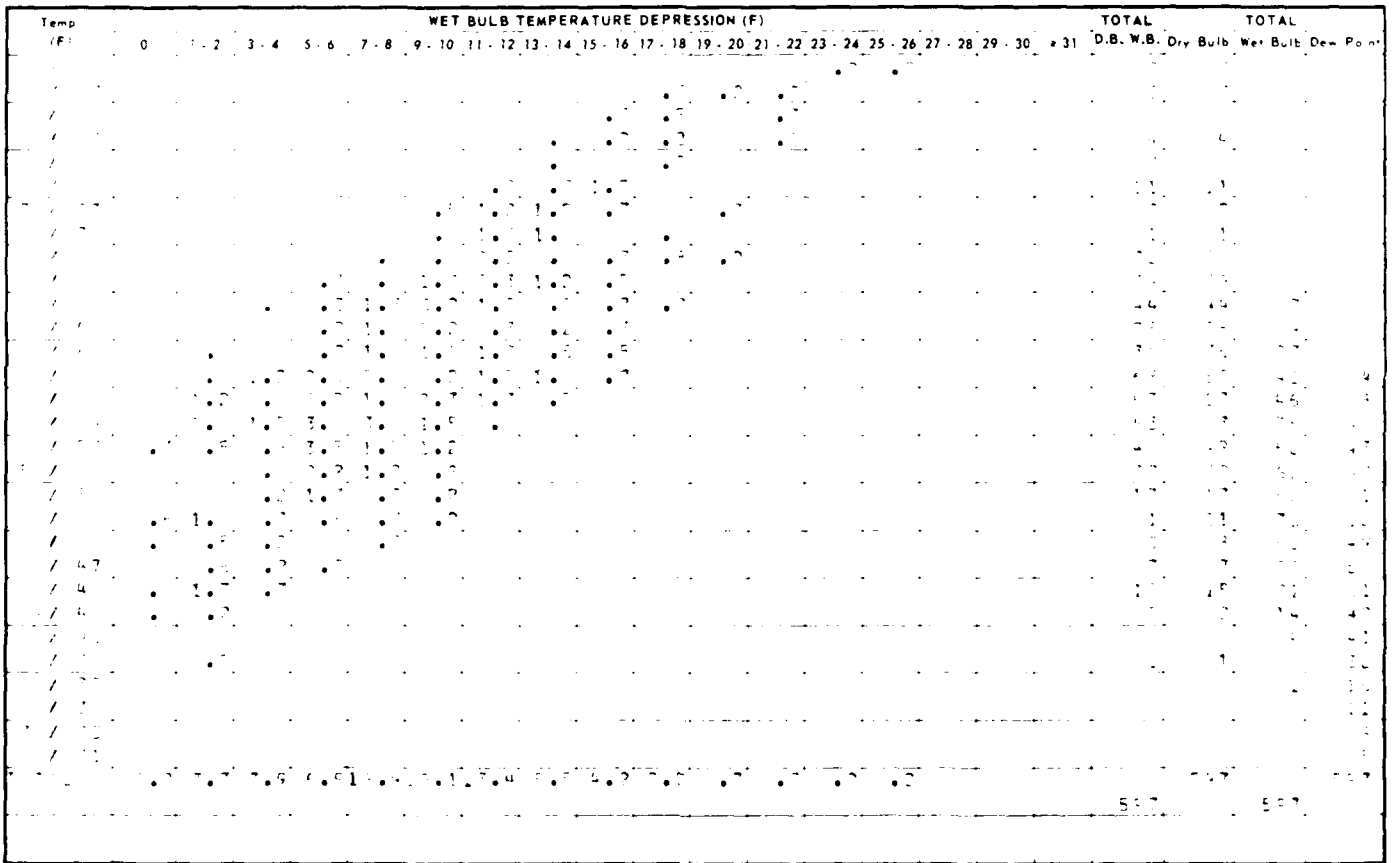
Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS



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

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
AWS 64

PSYCHROMETRIC SUMMARY

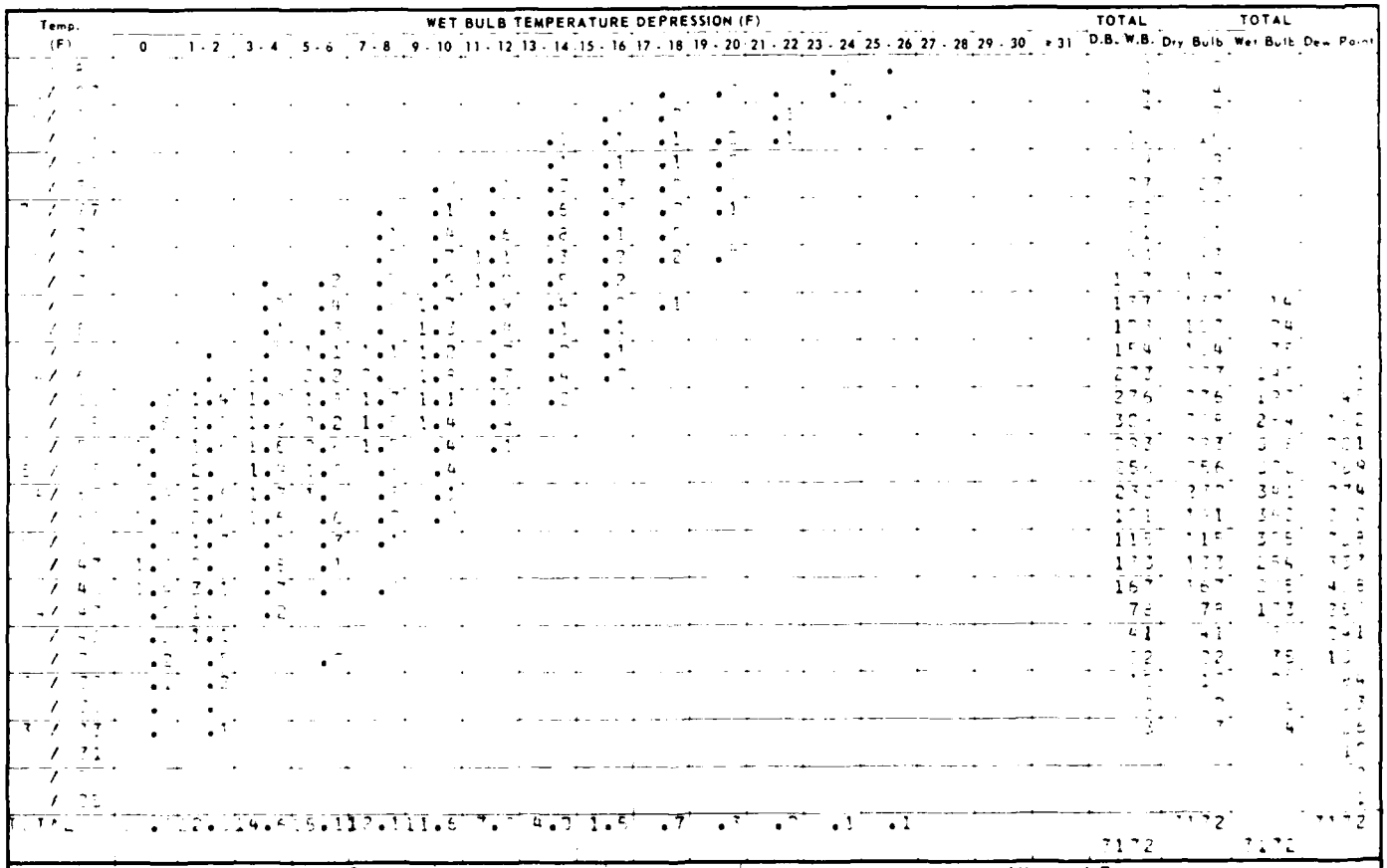
STATION

STATION NAME

YEARS

MONTH

HOURS



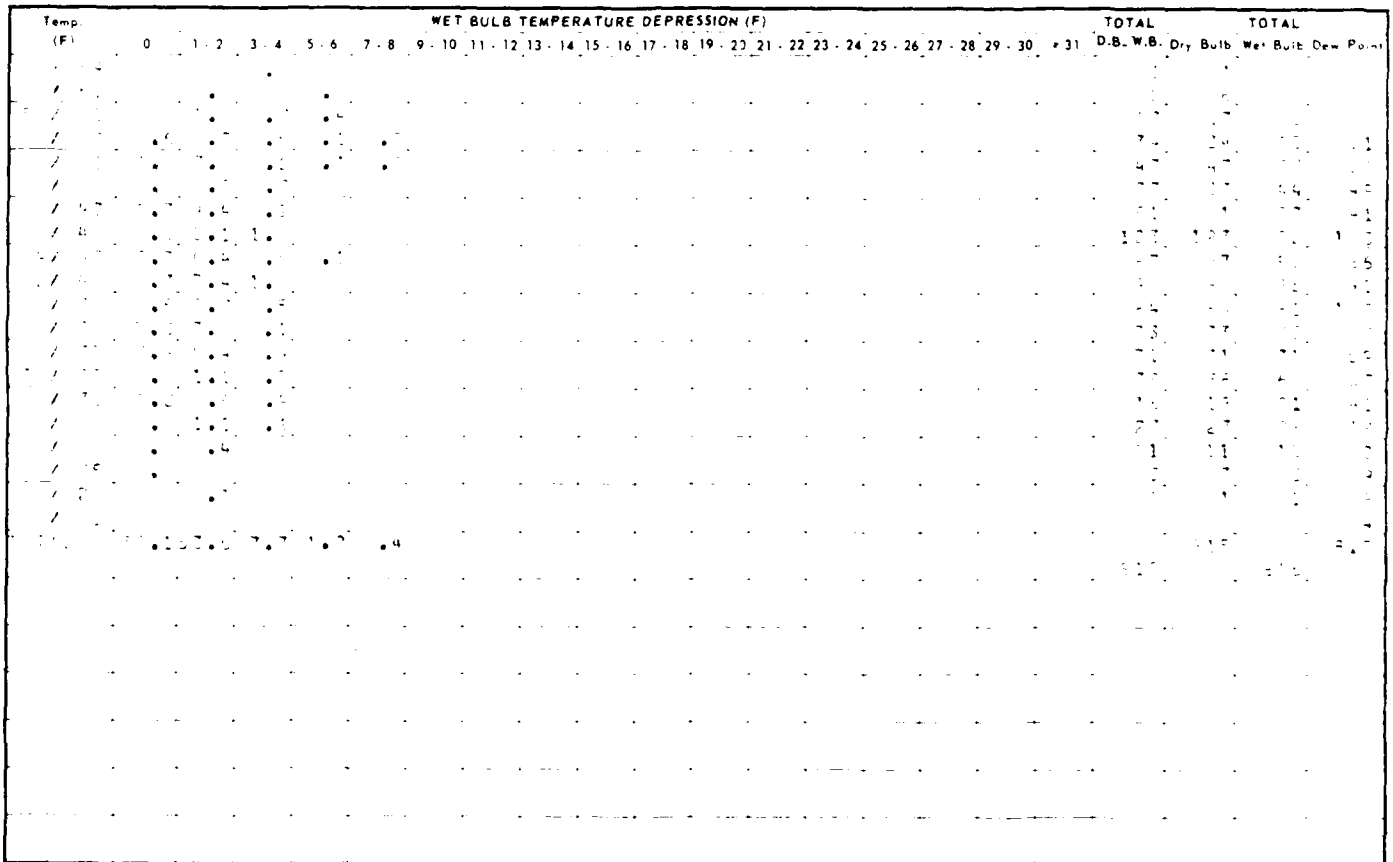
Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS



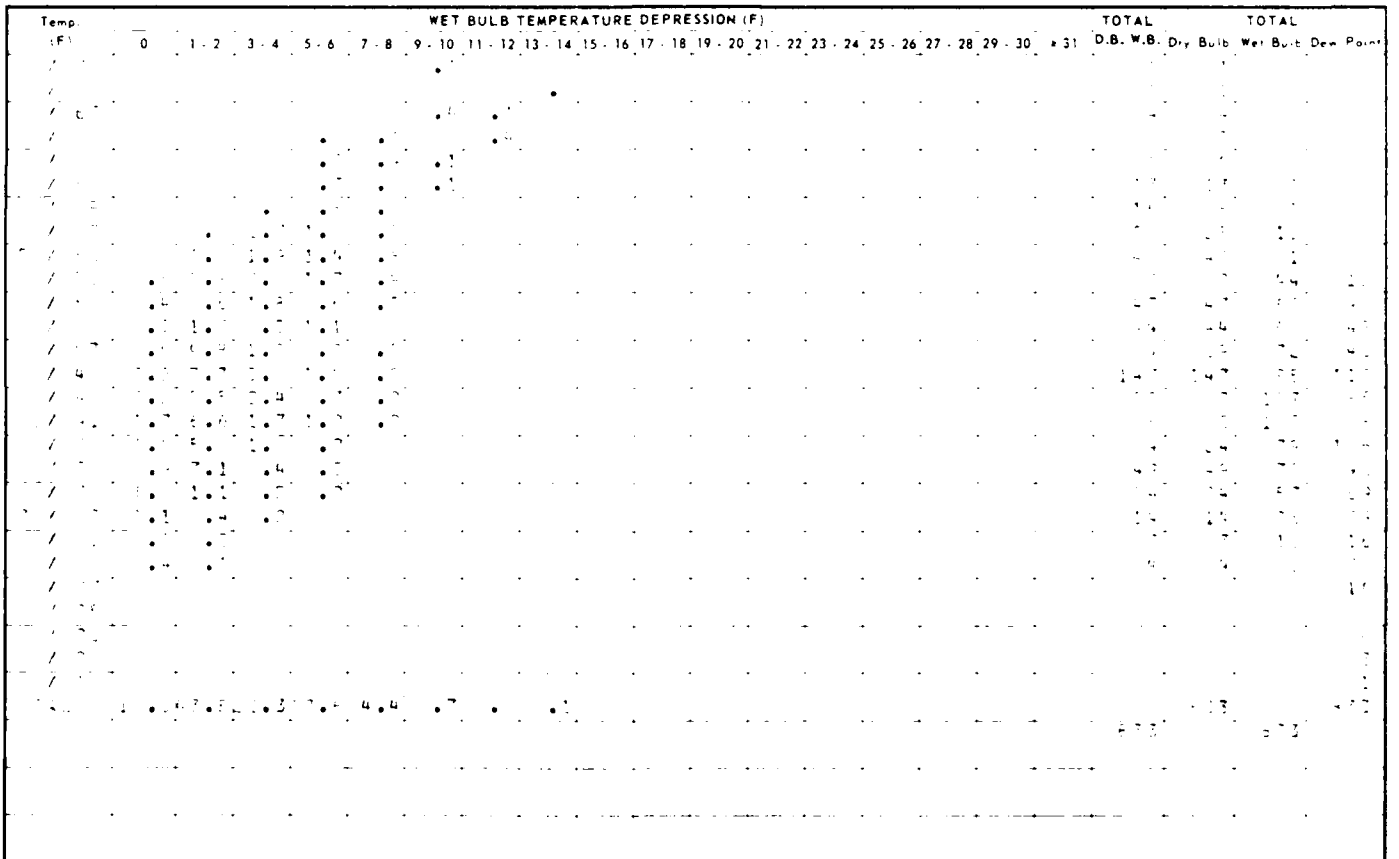
Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb							6.4					
Wet Bulb							7.2					
Dew Point							11.6					

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS



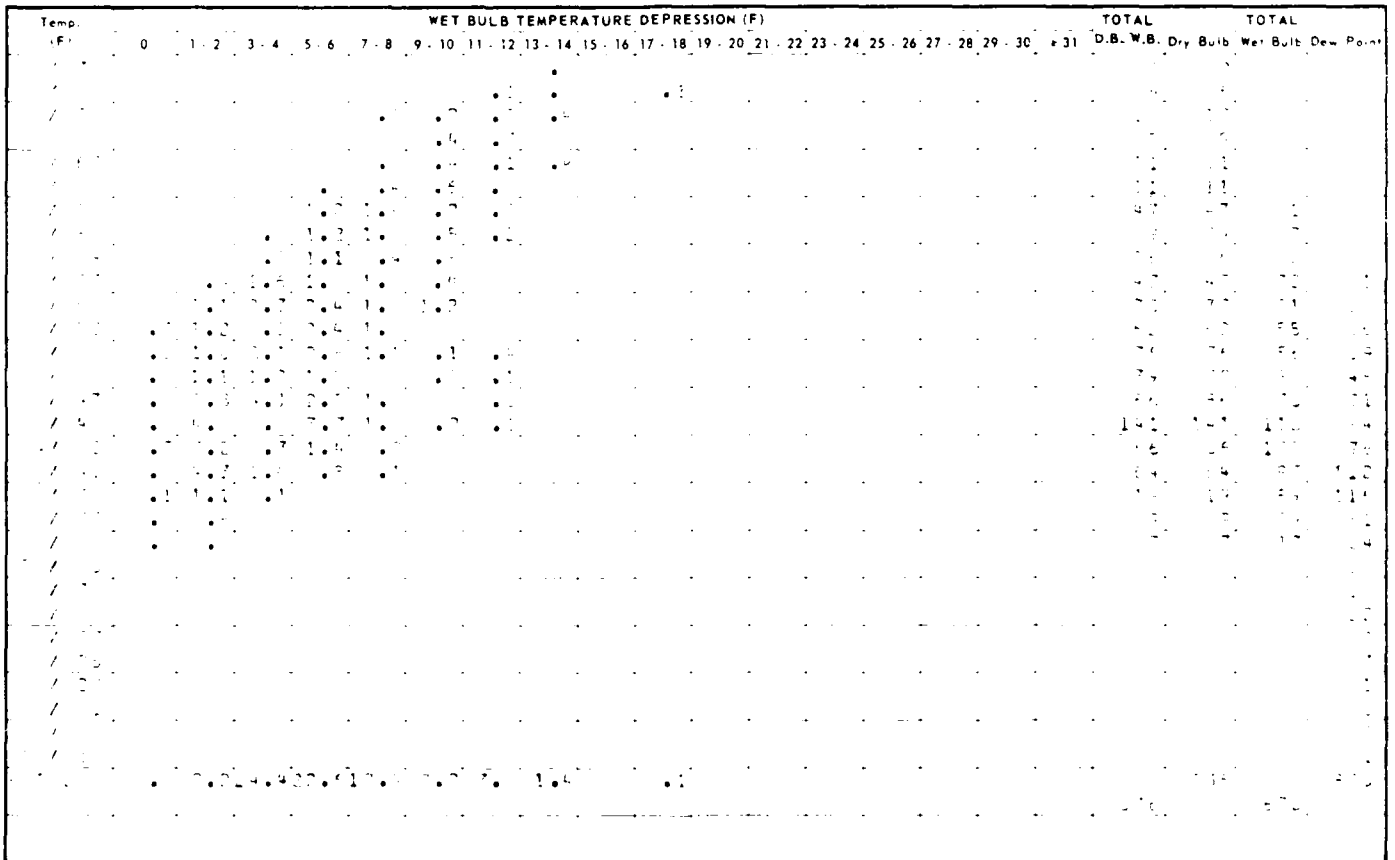
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS (L.S.T.)

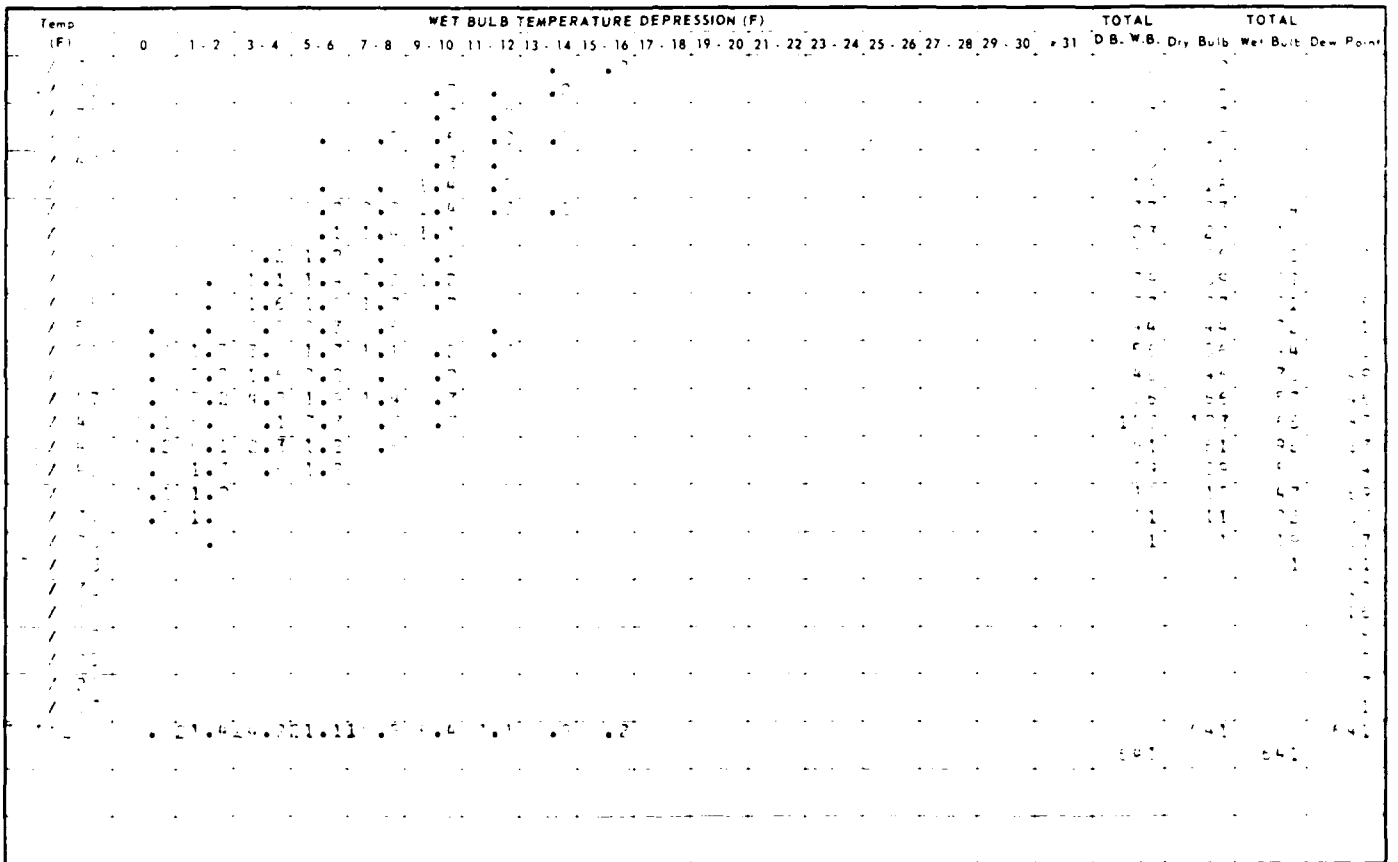


Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point							5.5					

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

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS



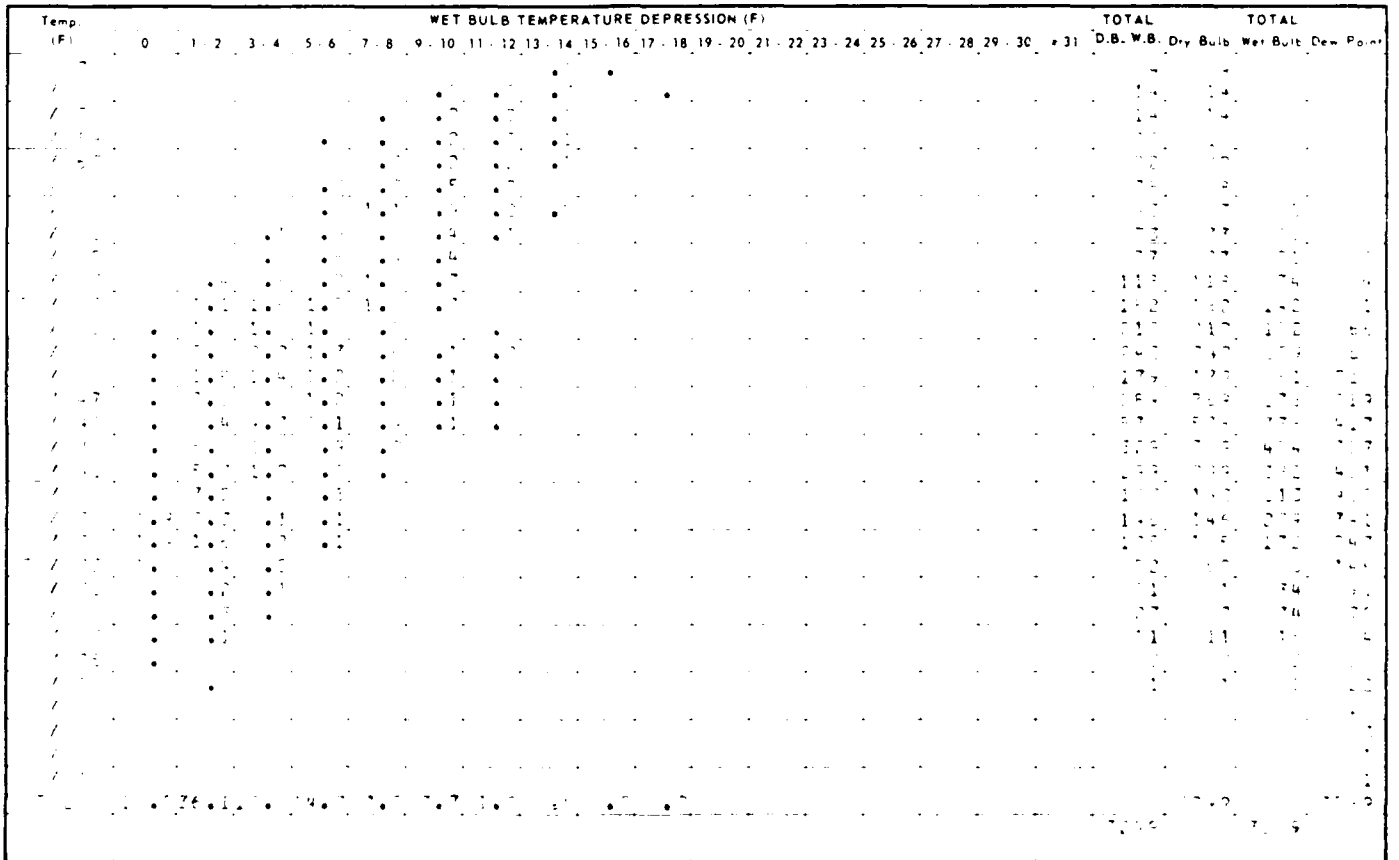
Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 95 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS

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

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_s	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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

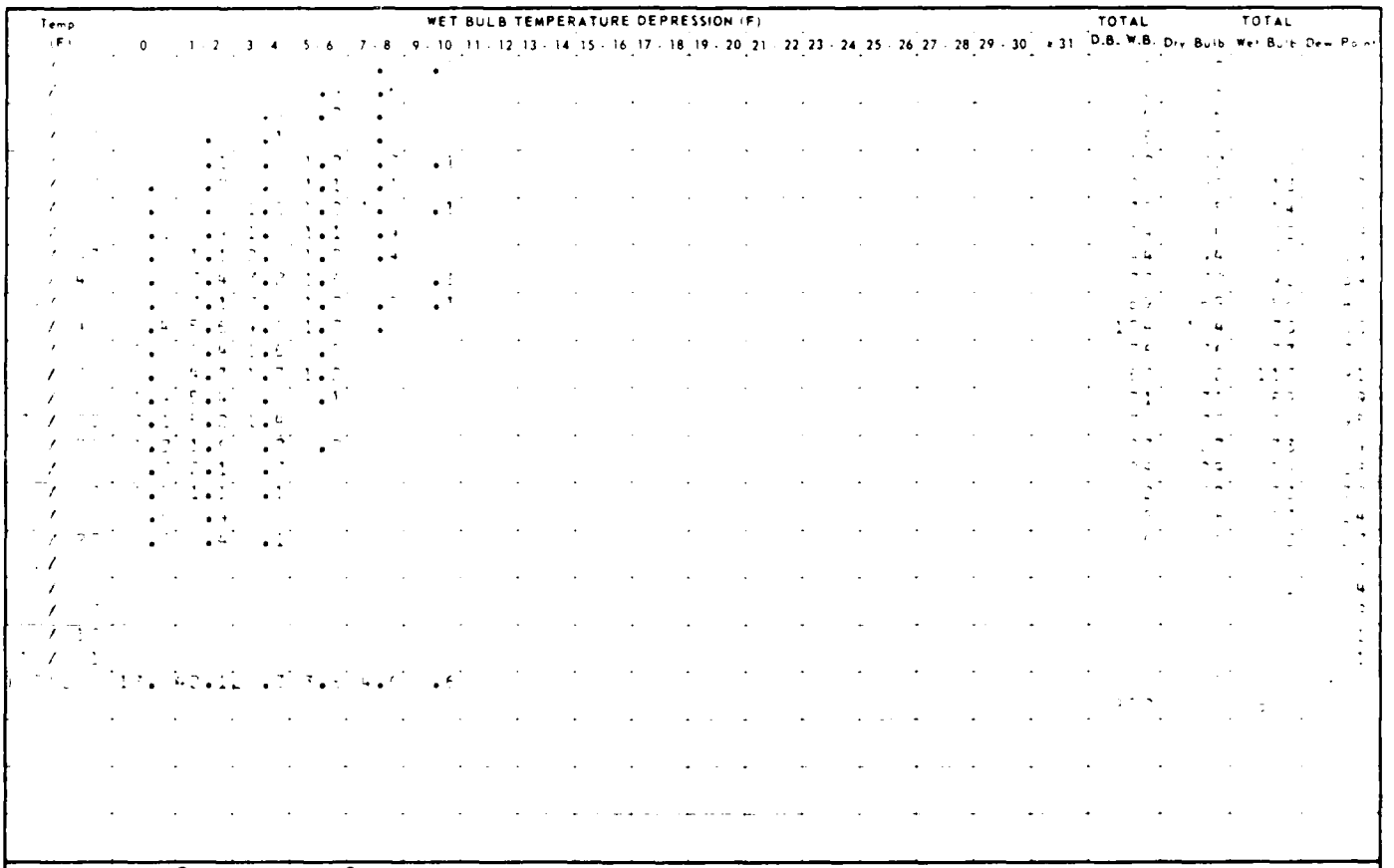
HOURS

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

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS



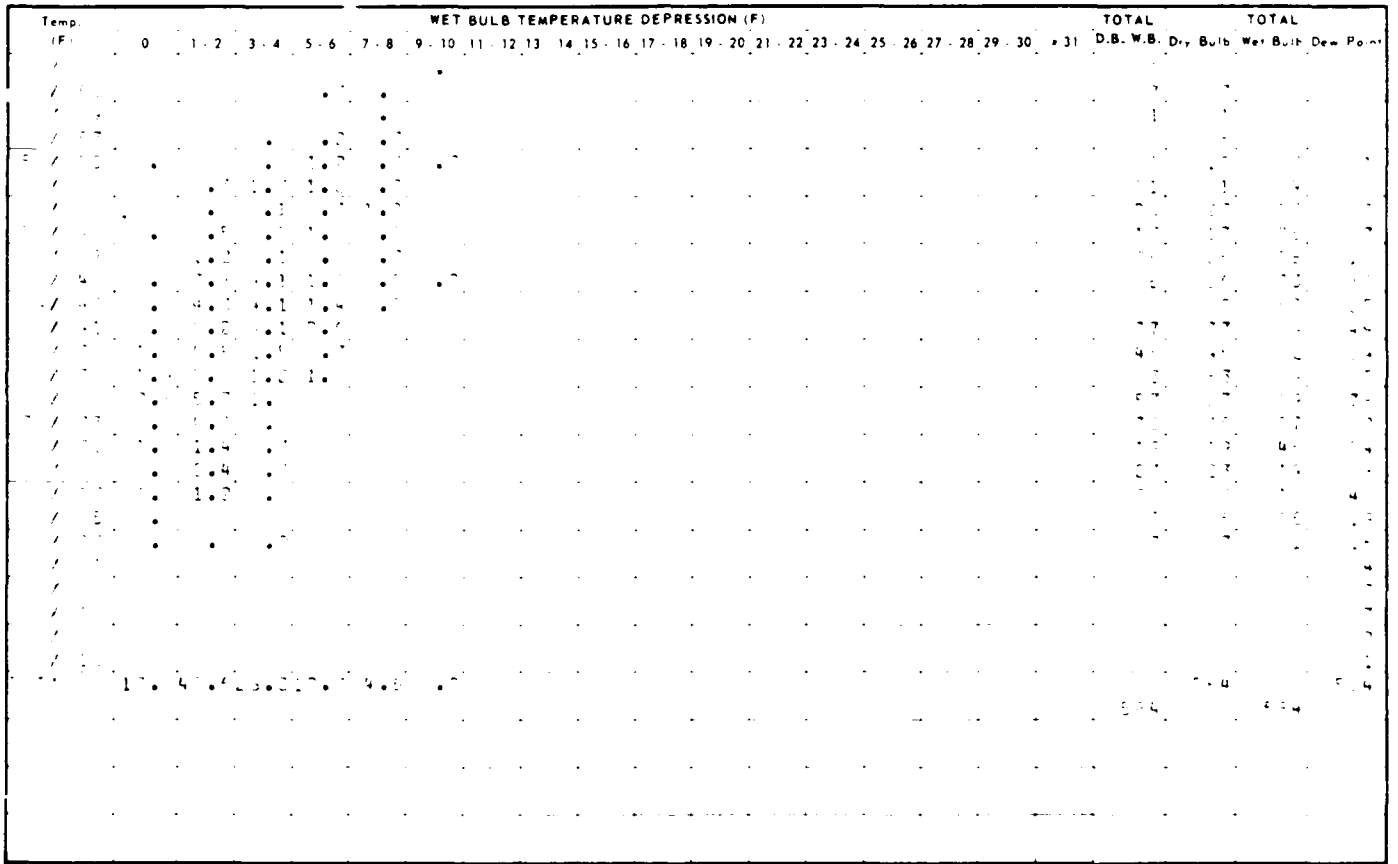
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Ref. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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			41.2	7.676			11.					
Wet Bulb			35.6	6.022			16.					
Dew Point			30.	6.737			31.					

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

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

MONTH

HOURS

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

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.
/			•																
/		•	•																
/		•	•																
/		•

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

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

Element (X)	ΣX^2	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 0-26-5 (OL A) 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS

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

Element (X)	$\Sigma x'$	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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	TOTAL D.B.	TOTAL W.B.
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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS

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

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	TOTAL D.B. W.B. 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) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L TAL CL MATOLOGY BRANCH
[illegible]TAC
[illegible] EATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

[illegible] TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

[illegible] FLIGHT AAF [illegible] 70-81

STATION: STATION NAME: YEARS:

HRS [illegible]		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	31.8	34.9	43.7	56.9	69.1	75.3	77.2	76.5	71.1	60.2	48.6	37.4	56.0
-	S D	7.284	7.125	7.470	6.407	6.976	6.725	5.845	5.702	6.287	6.845	7.125	7.188	14.403
	TOTAL OBS	179	738	824	719	813	792	810	822	802	815	797	773	9274
	MEAN	31.6	32.7	41.7	48.1	58.7	68.9	74.2	74.7	66.2	54.4	43.8	33.5	52.9
-	S D	6.479	6.745	7.746	6.884	6.196	5.266	4.691	4.811	7.342	7.122	7.141	6.881	14.650
	TOTAL OBS	736	738	836	816	821	803	835	832	826	823	775	804	9767
	MEAN	33.2	37.2	46.5	57.2	67.3	76.4	77.6	77.4	71.3	61.2	49.3	38.3	57.2
-	S D	6.328	6.674	8.944	9.415	9.323	9.129	8.836	7.579	8.353	7.96	7.135	7.776	14.214
	TOTAL OBS	771	756	836	815	819	804	822	826	819	824	812	817	9741
	MEAN	33.6	38.1	48.8	61.2	71.3	79.2	80.9	80.2	74.2	64.2	51.7	41.2	60.1
-	S D	6.311	6.756	9.139	9.713	9.234	9.219	8.956	7.783	8.709	8.166	7.676	7.447	14.491
	TOTAL OBS	644	579	663	618	673	677	624	626	597	641	624	615	7374
	MEAN	36.1	38.6	48.1	59.6	69.4	78.8	79.9	78.6	71.4	60.8	49.3	39.3	59.2
-	S D	6.066	6.872	9.234	9.108	8.987	9.185	8.399	7.507	8.164	7.959	7.137	7.777	15.079
	TOTAL OBS	174	149	191	177	172	177	172	181	181	174	160	161	1973
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN	31.6	34.3	42.1	48.5	56.6	62.0	64.4	65.1	58.9	47.7	38.8	27.1	46.1
	S D	7.247	7.445	9.415	9.711	9.771	9.467	9.379	8.870	9.287	8.712	7.978	8.455	14.953
	TOTAL OBS	3174	2968	3350	3125	3223	3193	3273	3338	3172	3299	3148	3156	39479

USAF ETAC FORM OCT 75 0-89-5 (OL A)

2

MEANS AND STANDARD DEVIATIONS

STATION NAME

HOUR		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
ALL HOURS	MEAN													
	S.D.													
	TOTAL OBS													

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

2

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

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

[illegible] FLIGHT AAF [illegible] 73-3[illegible]

STATION		STATION NAME								YEARS				
HRS		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S D	[illegible]	7.[illegible]67	7.[illegible]	6.[illegible]	6.53[illegible]	5.759	4.977	5.412	6.142	6.491	7.[illegible]49	9.[illegible]	11.[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.459	5.533	[illegible]	[illegible]	[illegible]	[illegible]	11.[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S D	[illegible]	6.399	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6.615	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	752	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	149	[illegible]	[illegible]	172	177	[illegible]	179	[illegible]	174	[illegible]	[illegible]	[illegible]
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S D	[illegible]	6.5[illegible]5	[illegible]	[illegible]	[illegible]	6.243	5.560	5.[illegible]	6.366	6.574	6.395	[illegible]	11.[illegible]
	TOTAL OBS	[illegible]	2972	335[illegible]	31[illegible]	[illegible]	3182	327[illegible]	[illegible]	3172	[illegible]	3147	31[illegible]	[illegible]

USAF ETAC FORM OCT 75 0-89-5 (OL A)

RELATIVE HUMIDITY

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%		
TOTALS												

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

RELATIVE HUMIDITY

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (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		
TOTALS												

USAFETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

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%		
TOTALS												

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

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (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%		
TOTALS												

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

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (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%		
TOTALS												

USAPETAC FORM AUG 64 0-87-5 (OL A)

RELATIVE HUMIDITY

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		
TOTALS												

USAPETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (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%		
TOTALS												

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

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

USAFETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

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%		
TOTALS												

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

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (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%		
TOTALS												

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

RELATIVE HUMIDITY

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%		
TOTALS												

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

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (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		
TOTALS												

USAFETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

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%		
TOTALS												

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

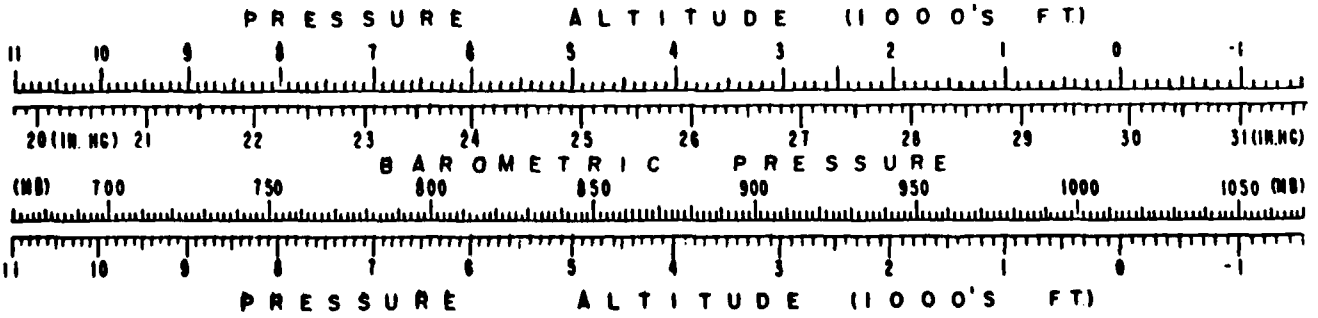
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided 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.



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MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN AL
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
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	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN													
	S D													
	TOTAL OBS													

USAF ETAC FORM OCT 75 0-89-5 (OL A)

END

DATE
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