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USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

WRIGHT-PATTERSON AFB OH WBAN # 13840
N 39 50 W 084 03 FLD ELEV 827 FT FFO WMO # 74570

PARTS A-F

POR FROM HOURLY OBS: SEP 67- DEC 70, JAN 73 - AUG 79
POR FROM DAILY OBS : SEP 49- AUG 79

HOUR CONVERSION GMT TO LST = -5

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This technical report has been reviewed and is approved for publication.

Susan V. Berry

SUSAN V. BERRY, 2 Lt, USAF
Information Retrieval
Manager

FOR THE COMMANDER

Walter S. Burgmann

WALTER S. BURGMANN
Scientific & Technical
Information Officer

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1 REPORT NUMBER USAFETAC/DS- 80/027	2 GOVT ACCESSION NO.	3 RECIPIENT'S CATALOG NUMBER
4 TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Wright-Patterson AFB, Dayton, Ohio		5 TYPE OF REPORT & PERIOD COVERED Final rept. 6 PERFORMING ORG. REPORT NUMBER
7 AUTHOR(s)		8 CONTRACT OR GRANT NUMBER(s)
9 PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		10 PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11 CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		12 REPORT DATE 29 Feb 80 13 NUMBER OF PAGES p.
14 MONITORING AGENCY NAME & ADDRESS(if different from Controlling Office)		15 SECURITY CLASS (of this report) UNCLASSIFIED 15a DECLASSIFICATION/DOWNGRADING SCHEDULE

16 DISTRIBUTION STATEMENT (of this Report)

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17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)

18 SUPPLEMENTARY NOTES

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

*RUSSWO	Daily temperature	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 statistical summary of surface weather observations for Wright-Patterson AFB, Dayton, Ohio

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 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 (over)

DD FORM 1 JAN 73 1473

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

* Ohio * Wright-Patterson AFB, OH

20. 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 occurrence or cumulative percentage frequency of occurrence tables.

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REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

PART B PRECIPITATION
SNOWFALL
SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY
SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP
EXTREME MAX & MIN TEMP
PSYCHROMETRIC-DRY VS WET BULB
MEAN & STD DEV .
(DRY BULB, WET BULB, & DEW POINT)
RELATIVE HUMIDITY

PART F STATION PRESSURE
SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations. 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

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

JANUARY_____	APRIL_____	JULY_____	OCTOBER_____
FEBRUARY_____	MAY_____	AUGUST_____	NOVEMBER_____
MARCH_____	JUNE_____	SEPTEMBER_____	DECEMBER_____

874 29958

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
13840	WRIGHT-PATTERSON AFB/DAYTON [illegible]	N 39 50	W 084 03	827	FFO	74570

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION FROM	AT THIS LOCATION TO	LATITUDE	LONGITUDE	ELEVATION ABOVE MSL FIELD (FT)	ELEVATION ABOVE MSL HT BARO.	OBS PER DAY
1	Wright-Patterson AFB, Ohio	AFB	Sep 49	Oct 62	N 39 49	W 084 02	827	822 ft	24
2	Same	Same	Nov 62	Mar 63	Same	Same	Same	820 ft	24
3	Same	Same	Apr 63	Oct 76	Same	W 084 03	Same	Same	24
4	Same	Same	Nov 76	Aug 79	N 39 50	Same	Same	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
1	Sep 49	Located between rnwy 23R and 23L	GMQ-11	RO -	13 ft	
2	Nov 62	1. Located between rnwy 23R and 23L	Same	Same	Same	
		2. Located between rnwy 05R and 05L	Same		Same	
3	May 63	1. Located 500 ft ESE of centerline and 750 E of end rnwy 23R	Same	Same	Same	
		2. Located 475 ft SSW of centerline and 1100 ft W of end rnwy 05L	Same		Same	
4	Jan 70	1. Located 800 ft ESE of end of rnwy 23R	GMQ-11	RO-2	13 ft	
		2. Located 780 ft SSW of end of rnwy 05L	Same		Same	

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CONTINUED ON REVERSE SIDE

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	
5	Jan 71	1. Same	Same	RO-362	13 ft	—
		2. Same	Same		Same	
6	Oct 76	1. Same	GMQ-20	Same	Same	
		2. Same	Same		Same	
7	Aug 79	1. Same	Same	Same	Same	
		2. Same	Same		Same	

AA 8275

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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 anhual, 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 then .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-WHAM sources).

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

Continued on Reverse

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13840	WRIGHT-PATTERSON AFB OH	65-70,73-79	JAN
STATION	STATION NAME	YEARS	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.
JAN	00-02	.3	7.5	1.2	16.6		27.0	19.7	5.9	2.8		24.4	930
	03-05	.2	8.4	1.0	17.1		26.6	19.9	5.6	2.0		24.2	930
	06-08	.1	9.2	2.0	18.8		29.1	24.7	10.4	3.5		32.7	930
	09-11		8.2	.9	20.9		29.0	24.9	18.7	3.1		40.0	930
	12-14		8.8	.6	15.4		24.3	18.4	17.2	3.0		34.9	930
	15-17	.2	6.9	1.1	12.5		19.9	15.4	13.8	2.5		29.5	930
	18-20		7.4	1.2	12.3		20.3	14.5	9.4	2.3		24.0	930
	21-23		8.4	1.6	14.7		23.9	14.8	6.5	1.6		27.4	930
TOTALS		.1	8.3	1.3	16.0		25.1	19.0	10.9	2.7		28.8	7440

556

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WEATHER CONDITIONS

13840 | WRIGHT-PATTERSON AFB OH | 63-70,73-79 | FEB
STATION | STATION NAME | YEARS | 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
FEB	0-02	.4	6.5	.7	9.0		15.7	13.8	5.6	.4		16.8	846
	03-05		6.9	.9	12.1		19.5	16.0	5.6	.4		19.4	846
	06-08		5.3	1.4	13.4		19.0	22.2	9.6	.5		27.1	846
	09-11		5.9	.9	14.8		20.9	20.6	17.8	.6		33.6	846
	12-14		5.3	.6	11.6		17.1	11.7	18.0	.2		26.6	846
	15-17	.1	6.0	.5	11.2		17.3	10.3	12.5	.2		20.4	846
	18-20	.1	5.6	.9	9.2		15.5	11.8	8.2	.5		18.3	846
	21-23	.2	6.0	.2	9.1		15.1	10.3	5.7	.4		13.9	846
TOTALS		.1	5.9	.8	11.3		17.6	14.6	10.4	.4		22.0	6768

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WEATHER CONDITIONS

13840 | WRIGHT-PATTERSON AFB OH | 66-70,73-79 | MAR
STATION | STATION NAME | YEARS | 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
MAR	00-02	.4	14.1		5.2		18.8	12.1	3.6	.1		13.6	929
	03-05	.8	12.2	.3	6.7		18.7	15.6	3.6			17.4	930
	06-08	.1	12.6	.4	8.9		21.2	24.0	11.4			30.2	930
	09-11		8.9	.6	7.6		16.5	15.9	12.4	.1		25.7	930
	12-14		7.7	.3	5.5		13.3	10.9	7.4	.1		16.1	930
	15-17	.1	9.6	.4	7.0		16.5	8.9	8.0	.5		14.8	930
	18-20	.6	11.2		7.5	.1	18.6	9.2	6.2	.6		13.7	930
	21-23	.9	10.2	.1	6.0		16.0	10.5	3.8			11.9	930
TOTALS		.4	10.8	.3	6.8	.0	17.5	13.4	7.0	.2		17.9	7439

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WEATHER CONDITIONS

13840	WRIGHT-PATTERSON AFB OH	63-70,73-79	APR
STATION	STATION NAME	YEARS	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.
APR	00-02	1.2	9.6		.4		10.2	4.3	1.8			5.0	900
	03-05	1.3	10.4		.9		11.3	6.2	2.7			9.3	900
	06-08	.9	13.3		1.3		14.6	16.9	9.1			21.9	900
	09-11	.8	11.9		2.1		13.4	10.1	6.3			15.3	900
	12-14	1.0	11.0		1.4		12.3	5.5	6.2			11.0	899
	15-17	1.0	11.3		1.2		12.2	4.8	3.9			8.8	900
	18-20	1.1	10.8		1.0		11.6	5.8	4.6			9.3	900
	21-23	.7	9.1		.9		9.9	5.0	1.9			6.0	900
TOTALS		1.0	10.9		1.2		11.9	7.8	4.6			10.9	7199

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13840 | WRIGHT-PATTERSON AFB OH | 68-70,73-79 | MAY
STATION | STATION NAME | YEARS | 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
MAY	00-02	1.7	10.2				10.2	13.0	8.5			17.8	930
	03-05	1.3	11.8				11.8	23.8	14.3			31.1	930
	06-08	.4	9.5				9.5	30.6	22.7			41.3	930
	09-11	.6	9.1				9.1	11.0	15.7			24.2	930
	12-14	1.4	10.0				10.0	5.5	13.4			17.5	930
	15-17	2.6	10.1				10.1	4.7	11.2			14.8	930
	18-20	3.3	10.5				10.5	4.9	10.1			14.3	930
	21-23	2.6	9.7				9.7	6.1	7.2			11.5	930
TOTALS		1.8	10.1				10.1	12.5	12.9			21.6	7447

558

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WEATHER CONDITIONS

13840	WRIGHT-PATTERSON AFB OH	68-70,73-79	JUN
STATION	STATION NAME	YEARS	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.
JUN	00-02	3.3	8.3				8.3	8.2	15.5			18.2	899
	03-05	1.9	7.2				7.2	24.9	23.1			34.2	900
	06-08	.9	7.6				7.6	31.4	37.6			50.4	900
	09-11	.6	6.8				6.8	9.0	20.5			31.7	900
	12-14	2.4	6.6				6.6	2.9	20.1			21.8	900
	15-17	4.9	7.7				7.7	2.0	16.6			17.7	900
	18-20	5.3	6.2			.1	6.2	2.8	15.9			17.1	900
	21-23	4.8	6.3				6.3	3.1	11.8			13.9	900
TOTALS		3.1	7.1			.0	7.1	10.5	20.7			25.6	7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13840 | WRIGHT-PATTERSON AFB OH | 68-70,73-79 | JUL
STATION | STATION NAME | YEARS | 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.
JUL	00-02	1.4	3.1				3.1	14.6	27.5			32.4	930
	03-05	1.0	4.7				4.0	32.6	32.5			47.6	930
	06-08	1.3	5.8				5.8	42.8	47.3			59.4	930
	09-11	1.3	5.8				5.4	12.0	30.3			41.1	930
	12-14	3.2	6.9				6.9	3.4	30.2			32.5	930
	15-17	2.9	5.6				5.6	2.7	27.8			29.2	930
	18-20	4.1	7.2				7.2	5.6	27.4			30.0	930
	21-23	2.7	6.5				6.5	5.6	26.6			30.5	930
TOTALS		2.2	5.5				5.3	15.3	30.8			37.8	7440

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) AUG (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.
AUG	00-02	3.0	6.7				6.7	20.8	25.6			35.5	929
	03-05	2.2	7.5				7.5	39.4	29.7			49.7	929
	06-08	1.6	5.5				5.5	60.0	43.2			70.5	930
	09-11	.9	4.7				4.7	17.0	41.1			49.8	930
	12-14	2.0	4.8				4.8	3.7	36.0			38.0	930
	15-17	3.7	6.9			.1	6.9	5.0	32.0			33.5	929
	18-20	4.5	6.9				6.9	4.7	31.9			34.5	927
	21-23	3.8	5.4				5.4	9.3	26.7		.1	31.4	924
TOTALS		2.7	6.1			.0	6.1	19.7	33.3		.0	42.9	7428

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WEATHER CONDITIONS

13840 | WRIGHT-PATTERSON AFB OH | 67-70,73-78 | SEP
STATION | STATION NAME | YEARS | 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.
SEP	00-02	.3	6.3				6.3	17.3	16.2			25.8	900
	03-05	.6	6.7				6.7	30.8	17.3			36.2	900
	06-08	.3	6.9				6.9	46.4	26.0			53.4	900
	09-11	.4	7.0				7.0	15.1	31 3			39.6	900
	12-14	.7	5.6				5.6	4.8	19.6			23.1	900
	15-17	.9	5.3				5.3	3.7	19.8			22.0	900
	18-20	2.2	5.0				5.0	5.3	17.1			19.7	900
	21-23	1.9	6.2				6.2	6.6	14.2			17.9	900
TOTALS		.9	6.1				6.1	16.3	20.4			29.7	7200

560

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13840	WRIGHT-PATTERSON AFB OH	67-70,73-78	OCT
STATION	STATION NAME	YEARS	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	00-02	.4	7.5		.1		7.5	14.8	6.7			17.8	930
	03-05	.5	8.9				8.0	18.9	7.3			21.5	930
	06-08	.2	9.4		.3		9.7	31.4	16.8			37.7	930
	09-11	.3	10.6				10.6	17.5	19.5			32.6	930
	12-14	.2	10.1		.3		10.1	9.1	9.1			18.0	930
	15-17	.2	10.3		.1		10.3	7.6	7.6			14.8	930
	18-20	.5	10.9				10.9	3.0	6.6			13.9	930
	21-23	1.0	12.2		.3		12.3	9.4	4.5			12.4	930
TOTALS		.4	9.9		.1		9.9	14.6	9.8			21.1	7440

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13840 | WRIGHT-PATTERSON AFB OH | 67-70,73-78 | 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	00-02	.1	10.2	.1	3.3		12.4	15.7	8.4			19.3	900
	03-05	.1	12.9		3.7		16.3	21.2	7.1			24.2	900
	06-08	.2	12.3		4.1		16.2	17.1	10.8			32.4	900
	09-11	.2	12.6		5.9		16.3	21.2	17.9			33.1	900
	12-14	.3	10.9		4.2		15.1	10.7	14.4			22.4	900
	15-17	.1	12.7		3.7		16.2	8.6	10.4			16.9	900
	18-20		11.9	.2	3.2		15.1	9.8	7.4			15.2	900
	21-23	.1	11.0		3.9		13.3	10.1	5.7			13.9	900
TOTALS		.1	11.7	.0	4.0		15.4	15.6	10.3			22.2	7200

561

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13840 | WRIGHT-PATTERSON AFB OH | 67-70,73-78 | DEC
STATION | STATION NAME | YEARS | 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.
DEC	00-02		11.1	.5	10.1		20.8	12.3	2.4	.1		13.8	930
	03-05	.3	11.9	1.1	11.0		22.0	11.9	2.6			13.4	930
	06-08		12.3	.4	10.2		22.5	16.5	5.9	.2		20.2	930
	09-11	.1	11.3	.2	11.2		22.2	19.5	14.4	.5		28.7	930
	12-14		12.3	.3	10.6		22.4	12.2	13.1	.4		23.5	930
	15-17		12.6	.8	10.8		23.9	11.4	10.9	.6		20.9	930
	18-20	.1	11.3	.6	8.5		20.2	11.0	6.6	.5		16.5	928
	21-23	.1	11.5	.6	8.6		20.3	10.6	2.9	.2		12.8	927
TOTALS		.1	11.8	.6	10.1		21.8	13.2	7.4	.3		18.7	7435

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 67-70,73-79 (YEARS) | ALL (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.
JAN	ALL	.1	8.3	1.3	10.-		25.1	19.9	10.9	2.7		28.8	7440
FEB		.3	5.9	.8	11.3		17.6	14.6	10.4	.4		22.0	6768
MAR		.4	10.8	.3	6.8	.0	17.5	13.4	7.0	.2		17.9	7439
APR		1.0	10.9		1.2		11.9	7.8	4.6			10.9	7199
MAY		1.8	10.1				10.1	12.5	12.9			21.6	7440
JUN		3.1	7.1			.0	7.1	10.5	20.7			25.6	7199
JUL		2.2	5.5				5.5	15.3	30.8			37.8	7440
AUG		2.7	6.1			.0	6.1	19.7	33.3		.0	42.9	7428
SEP		.9	6.1				6.1	10.3	20.4			29.7	7200
OCT		.4	9.9		.1		9.9	14.6	9.8			21.1	7440
NOV		.1	11.7	.0	4.0		15.4	15.6	10.3			22.2	7200
DEC		.1	11.8	.6	10.1		21.8	13.2	7.4	.3		18.7	7435
TOTALS		1.1	8.7	.3	4.1	.0	12.8	14.4	14.9	.3	.1	24.9	87628

648

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

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.

ST4 19960

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

17840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 49-79 (YEARS) | ALL (MONTH)

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY 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.
JAN	DAILY	2.2	35.2	7.[illegible]	4[illegible].1	.1	66.[illegible]	48.4	61.4	7.8		75.9	930
FEB		2.1	34.5	5.1	[illegible].3	.2	61.3	46.5	62.[illegible]	3.9		7[illegible].4	847
MAR		7.7	46.0	1.4	2..4	1.2	62.9	43.3	57.5	2.6		66.6	930
APR		14.7	54.9	.2	[illegible].0	1.6	58.2	39.9	47.3		.2	59.7	900
MAY		2[illegible].6	5[illegible].3		.1	1.0	5[illegible].8	42.7	52.3			61.2	930
JUN		25.1	44.6			1.2	44.6	45.7	64.9			69.4	900
JUL		2[illegible].6	44.[illegible]			.2	44.[illegible]	54.0	66.[illegible]			73.0	930
AUG		21.7	41.2			.4	41.2	63.1	76.7			80.4	930
SEP		11.9	37.8			.1	37.9	58.1	66.0			72.9	900
OCT		5.5	36.6		1.7	.2	37.1	51.2	61.4			69.8	930
NOV		3.1	40.9	.2	23.0		53.2	45.1	59.1	1.1		68.1	900
DEC		1.5	40.0	4.7	39.2		64.1	44.7	58.7	3.5		72.0	930
TOTALS		11.9	42.2	1.6	15.5	.5	51.8	48.6	61.4	1.6	.0	70.2	10957

580

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 B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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

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

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

Continued on Reverse Side

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

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

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

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

Air Force Stations:		U. S. Navy and National Weather Service (USWB)	
Beginning thru 1945	at 0800LST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 47	at 1230GMT	Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 49-79 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	32.8	25.1	3.8	11.4	6.0	8.2	6.5	5.0	1.0	.3				42.1	928	3.15	8.79	.82
FEB	38.3	21.9	4.5	10.9	5.2	8.4	5.9	4.4	.9	.1				40.3	847	2.50	5.23	.26
MAR	36.1	22.3	3.1	9.6	6.7	9.5	6.7	4.5	1.4	.2				41.6	930	3.31	9.99	.93
APR	41.4	16.9	3.8	8.7	4.8	8.1	8.0	5.7	2.6					41.6	898	3.69	7.52	.53
MAY	48.0	13.7	3.7	6.7	4.8	9.4	6.2	5.7	1.7	.1				38.3	929	3.17	12.34	1.20
JUN	54.3	12.5	2.3	5.5	3.9	7.0	5.5	5.6	3.2	.2				33.2	897	3.89	9.27	.35
JUL	54.1	12.4	3.5	5.7	4.6	7.1	5.4	4.5	2.5	.2				33.5	930	3.56	7.59	.46
AUG	58.1	11.9	1.6	6.2	4.3	6.8	4.0	4.5	2.5	.1				30.1	928	3.25	10.18	.21
SEP	62.0	10.2	1.9	5.0	3.3	5.3	5.3	5.0	1.9					27.8	899	2.75	5.46	.15
OCT	62.1	10.5	2.5	5.7	4.6	5.7	4.4	3.4	.9	.1				27.3	929	2.19	5.33	.14
NOV	45.6	17.6	3.3	8.8	5.0	7.4	5.0	5.7	1.4	.2				36.9	900	2.99	5.98	.80
DEC	35.1	25.5	5.1	7.9	7.1	6.9	7.1	4.0	1.3					39.3	928	2.79	5.50	.75
ANNUAL	47.3	16.7	3.3	7.7	5.0	7.5	5.8	4.8	1.8	.1				36.0	10943	37.24		

1210 WS FORM JUL 64 0-15-5 (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
PRECIPITATION

(FROM DAILY OBSERVATIONS)

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 49-79 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49									1.30	.74	.39	.74	
50	1.47	1.25	.97	1.48	.70	.98	.91	1.77	1.10	2.15	1.58	1.47	2.15
51	2.59	1.25	.94	.74	1.05	1.46	.18	.30	.84	1.13	1.15	.77	2.59
52	2.77	.64	1.73	1.06	1.03	1.90	.43	.49	1.62	.73	.61	1.12	2.77
53	1.02	1.14	.74	.46	.35	.61	.50	1.[illegible]	.50	.29	.46	.53	1.54
54	.72	.52	.84	1.17	.76	2.10	.57	.97	.57	1.10	.30	.76	2.10
55	.44	.82	1.04	.49	.71	.98	1.40	1.07	2.08	1.22	2.86	.34	2.86
56	.81	.66	1.28	.73	1.13	1.07	.47	.91	1.05	.74	3.26	.92	3.26
57	.56	1.48	.31	1.47	1.19	.92	.73	.26	.94	.64	.91	1.10	1.48
58	1.01	.47	.53	.87	1.33	1.84	1.49	1.81	.64	.41	.70	1.41	1.84
59	3.83	.73	1.06	.98	.76	.30	1.47	3.36	.79	.61	.79	.73	3.83
60	.50	.52	.55	.30	1.40	.90	2.15	.60	.56	.46	.35	.72	2.15
61	.32	1.63	.90	.86	.78	1.64	.29	2.26	1.12	.34	1.24	.75	2.26
62	.79	.76	.66	.14	.91	.12	1.16	.60	.41	.66	.83	.58	1.16
63	.41	.20	2.46	1.66	.55	1.20	1.14	1.34	.12	.06	.26	.31	2.46
64	* .47	.59	3.44	1.84	.76	1.75	.99	.15	.90	.17	.60*	1.06	3.44
65	* 1.11	1.98	.83	1.10	.73	.55	.80	.43	2.13	1.33	.57	.29	2.13
66	1.23	1.08	.42	1.05	1.12	.84	2.33	1.15	1.05	.69	1.17	1.03	2.33
67	.35	.94	1.10	1.96	1.15	.51	1.84	.12	.73	.59	1.12	1.00	1.96
68	.94	.18	1.43*	.85*	3.87*	1.40	2.59*	1.74*	1.51*	.52	1.11*	.75	* 3.87
69	.83	.72	1.33	1.06	1.04	3.16	1.82	2.16	1.07	.58	1.05	.97	3.16
70	.69	.69	.88*	1.90	.86	2.70	.76	.74	.92	.73	.84	.73	2.70
71	.74	1.16	.76	.45	1.30	1.79	1.84	.47	1.62	.78	.55	1.70	1.84
72	.54	.39	.63	1.17	1.97	1.50	.82	.96	1.13	.83	1.33	.69	1.97
73	.63	.39	1.23	.61	.57	1.63	1.69	.86	.47	1.39	1.03	.72	1.69
74	.60	.97	.78	1.04	1.17	2.07	.15	1.67	.86	.51	1.13	.69	2.07
75	.74	2.55	1.33	1.27	.57	.95	3.66	.91	1.68	1.33	.48	1.10	3.66
76	.72	.84	.62	.94	.83	1.41	1.48	1.54	.86	.42	.54	.23	1.54
77	.38	.43	.96	1.59	.92	.57	1.14	1.55	.79	3.77	.81	.88	3.77
78	1.41	.27	.58	.95	.89	1.04	1.66	1.66	.19	.90	.88	1.55	1.66
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 49-79 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	1.01	.96	.47	.74	.79	1.75	1.81	2.15					
MEAN	1.002	.874	1.027	1.006	.942	1.326	1.276	1.166	.967	.872	.963	.851	2.324
S.D.	.805	.529	.630	.451	.322	.696	.791	.756	.494	.705	.661	.373	.746
TOTAL OBS.	928	847	930	898	929	897	930	928	899	929	900	926	10943

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 49-79 (YEARS)

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49									4.56	2.16	.91	3.34	
50	8.79	5.23	2.65	5.07	2.47	3.98	2.79	5.18	3.17	2.69	5.98	3.23	51.23
51	5.82	3.15	3.96	3.55	3.08	3.96	.46	1.11	2.36	2.18	3.99	3.48	37.10
52	5.73	2.31	4.33	4.05	3.10	4.69	1.10	1.90	3.72	.95	1.86	3.03	36.77
53	3.29	2.05	1.91	2.05	1.52	1.34	1.79	1.90	.73	.52	.87	1.64	19.61
54	2.25	1.52	1.58	4.55	2.16	5.09	1.79	4.33	1.44	5.28	1.60	2.63	34.22
55	1.73	4.19	3.75	2.40	2.41	4.69	3.69	1.26	5.46	3.59	5.77	.75	39.69
56	1.86	3.81	3.41	2.28	3.90	2.47	2.11	2.27	1.72	1.23	4.70	3.33	33.09
57	1.68	2.16	.93	6.85	5.63	3.08	2.00	.67	3.03	1.44	3.38	5.35	35.90
58	3.17	1.22	1.64	3.22	3.88	6.73	7.09	3.51	3.95	1.10	3.26	1.92	40.69
59	7.59	2.65	3.58	2.26	2.48	.68	3.51	3.82	1.08	1.87	2.48	2.28	34.28
60	2.48	2.26	1.65	.88	4.42	3.05	3.48	2.20	.79	1.99	1.59	1.96	26.75
61	.88	2.82	4.27	3.49	2.11	3.58	1.38	2.69	2.14	.85	2.78	2.60	29.59
62	3.00	3.36	2.54	.53	3.63	.35	4.84	2.03	1.68	1.89	2.77	.88	27.50
63	1.13	.68	6.51	4.11	1.49	2.68	3.50	5.30	.15	.14	.80	1.03	27.52
64	* 1.79	1.94	9.99	7.52	1.69	4.40	3.70	.50	1.70	.46	2.16*	3.46	*39.31
65	* 3.13	4.62	2.88	4.76	1.20	1.72	2.26	1.92	5.27	3.83	1.35	1.09	*34.03
66	3.50	3.51	1.3[illegible]	3.62	3.53	2.63	5.71	4.26	3.88	1.41	4.15	3.02	40.54
67	.82	3.08	4.43	5.16	7.48	2.22	2.41	.21	2.03	2.26	4.21	3.30	37.61
68	1.97	.2[illegible]	3.06*	2.38*	12.34*	3.88	3.97*	4.42*	4.50*	1.17	4.99*	3.57	*46.51
69	3.80	1.26	2.30	3.59	3.61	9.27	6.19	2.97	1.94	1.28	3.35	2.45	42.01
70	1.81	1.08	3.21*	6.59	3.41	5.24	3.44	1.78	2.61	2.90	2.31	2.77	*37.15
71	1.88	4.51	2.24	1.12	4.25	4.13	3.90	1.05	4.87	2.44	2.44	5.50	38.33
72	1.55	1.27	3.02	5.65	4.53	2.96	1.80	3.35	4.75	2.52	5.57	3.14	40.11
73	1.86	1.43	5.58	3.99	2.95	7.01	7.44	2.53	1.25	3.79	4.98	2.63	45.44
74	2.88	2.41	3.21	3.55	3.55	4.87	.58	10.18	5.06	1.19	3.75	3.30	44.53
75	3.72	4.80	4.57	5.38	2.11	3.35	7.32	5.16	4.03	3.11	2.20	3.44	49.19
76	3.24	2.30	3.04	1.98	2.82	7.46	3.55	3.05	2.85	1.87	.87	.88	33.91
77	1.84	1.57	3.53	3.50	1.88	1.71	3.47	3.45	3.13	5.33	2.60	4.13	36.14
78	6.35	.50	2.68	4.05	3.44	3.29	4.00	6.91	.43	3.24	1.95	4.93	41.77
MEAN													
S.D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 49-79 (YEARS)

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	3.69	3.00	1.59	4.37	3.21	6.18	7.59	8.82					
MEAN	3.154	2.498	3.312	3.637	3.170	3.890	3.562	3.252	2.751	2.19*	2.987	2.787	36.941
S D	2.012	1.333	1.788	1.640	1.327	2.072	2.021	2.357	1.562	1.313	1.538	1.268	7.236
TOTAL OBS.	928	847	930	898	929	897	930	928	899	929	900	928	10943

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-28-5 (OLA)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 49-79 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	01	02-05	06-10	11-25	26-50	51 1 00	1 01 2 50	2 51-5 00	5 01-10 00	10 01-20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0 1-0 4	0 5.1 4	1.5-2 4	2 5-3 4	3 5 4 4	4 5-6.4	6.5-10 4	10 5-15 4	15.5-25 4	25.5-50 4	OVER .0 4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	54.1	24.4	8.3	8.0	1.9	1.5	.6	.9	.2					21.4	929	7.9	34.1	TRACE
FEB	57.3	24.2	8.1	5.9	2.1	.8	.9	.5	.1					18.5	847	5.6	15.5	TRACE
MAR	70.8	16.7	5.2	3.9	1.9	.1	.4	.9	.2					12.6	930	5.0	15.9	TRACE
APR	90.6	7.1	1.6	.2	.3	.2								2.3	900	.6	6.1	.0
MAY	99.8	.2													930	TRACE	TRACE	.0
JUN	99.7	.3													900	TRACE	TRACE	.0
JUL	100.0														930	.0	.0	.0
AUG	100.0														930	.0	.0	.0
SEP	100.0														900	.0	.0	.0
OCT	98.3	1.5		.2										.2	930	.1	1.0	.0
NOV	77.3	14.8	3.7	2.1	1.1		.3	.3	.3					7.9	900	3.2	17.3	TRACE
DEC	60.6	24.5	6.4	5.2	1.6	.9	.3	.4		.1				14.9	929	5.1	18.6	TRACE
ANNUAL	84.0	9.5	2.8	2.1	.7	.3	.2	.2	.1	.0				6.5	10955	27.5		

1210 WS FORM JUL-64 0-15-5 (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
SNOWFALL

(FROM DAILY OBSERVATIONS)

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 49-79 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49									.0	.0	TRACE	TRACE	
50	TRACE	1.9	.2	TRACE	.0	.0	.0	.0	.0	.0	8.4	3.1	8.4
51	4.4	8.2	5.5	TRACE	.0	.0	.0	.0	.0	1.0	.4	2.8	8.2
52	.3	1.4	.6	TRACE	.0	.0	.0	.0	.0	TRACE	3.5	2.0	3.5
53	1.0	TRACE	3.4	2.8	.0	.0	.0	.0	.0	.0	1.7	5.2	5.2
54	2.0	2.9	1.4	TRACE	TRACE	.0	.0	.0	.0	TRACE	1.3	1.8	2.9
55	.9	1.5	2.1	.0	.0	.0	.0	.0	.0	.0	6.0	1.2	6.0
56	8.2	.2	3.8	TRACE	.0	.0	.0	.0	.0	.0	1.0	.5	8.2
57	2.5	1.4	TRACE	2.1	.0	.0	.0	.0	.0	1.0	.5	4.6	4.6
58	2.7	4.2	4.6	.1	.0	.0	.0	.0	.0	.0	7.0	13.9	13.9
59	6.2	.6	7.3	.3	.0	.0	.0	.0	.0	.0	4.3	3.2	7.3
60	.7	2.3	5.5	TRACE	.0	.0	.0	.0	.0	.0	1.5	6.3	6.3
61	3.2	1.9	.7	.3	.0	.0	.0	.0	.0	.0	.4	3.7	3.7
62	3.0	4.5	1.9	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	1.2	4.5
63	1.1	2.0	4.6	TRACE	.0	.0	.0	.0	.0	.0	.5	2.8	4.6
64	* 4.0	4.2	.3	TRACE	.0	.0	.0	.0	.0	.0	.5	.6	4.2
65	6.4	2.3	1.8	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.9	6.4
66	4.6	4.8	1.3	.5	TRACE	.0	.0	.0	.0	.0	4.4	2.8	4.8
67	1.7	5.0	4.5	.0	.0	.0	.0	.0	.0	TRACE	5.2	2.5	5.2
68	2.8	1.5	8.9	TRACE	.0	.0	.0	.0	.0	.0	.3*	.7	8.9
69	.5	.1	.1	TRACE	.0	TRACE	.0	.0	.0	.0	.3	3.2	3.2
70	2.5	1.0	2.3	TRACE	.0	.0	.0	.0	.0	.0	2.0	.5	2.5
71	1.0	3.9	5.9	TRACE	.0	.0	.0	.0	.0	.0	1.5	.3	5.9
72	1.2	3.9	1.5	1.2	.0	.0	.0	.0	.0	TRACE	.7	3.6	3.9
73	.7	2.7	1.7	2.5	.0	.0	.0	.0	.0	.0	TRACE	3.5	3.5
74	2.2	3.0	2.0	2.0	.0	TRACE	.0	.0	.0	TRACE	8.5	2.3	8.5
75	4.0	1.7	4.7	.1	.0	.0	.0	.0	.0	.0	1.9	1.0	4.7
76	6.0	.1	.6	.0	.0	.0	.0	.0	.0	.0	2.3	1.3	6.0
77	3.8	4.3	.7	.1	.0	.0	.0	.0	.0	TRACE	2.0	2.4	4.3
78	7.0	2.7	2.3	.0	.0	.0	.0	.0	.0	.0	TRACE	.7	7.0
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

13840 WRIGHT-PATTERSON AFB OH
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	5.8	5.2	.2	.3	.0	.0	.0	.0					
MEAN	2.98	2.65	2.68	.40	TRA	TRACE	.00	.00	.00	.07	2.20	2.67	5.67
S. D.	2.269	1.886	2.345	.819	.0	.000	.000	.000	.000	.254	2.546	2.551	2.398
TOTAL OBS.	929	847	930	900	900	900	930	930	900	930	900	929	10955

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL-A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 49-79 (YEARS)

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49									.0	.0	TRACE	TRACE	
50	TRACE	3.9	.2	TRACE	.0	.0	.0	.0	.0	.0	17.3	10.0	31.4
51	11.3	8.5	7.9	TRACE	.0	.0	.0	.0	.0	1.3	.4	3.4	32.4
52	.3	3.5	1.0	TRACE	.0	.0	.0	.0	.0	TRACE	3.7	4.6	13.1
53	3.2	TRACE	4.7	2.8	.0	.0	.0	.0	.0	.0	1.8	5.6	18.1
54	4.1	6.6	2.5	TRACE	TRACE	.0	.0	.0	.0	TRACE	1.5	4.1	18.8
55	3.7	3.6	4.8	.0	.0	.0	.0	.0	.0	.0	10.5	2.4	25.0
56	15.3	.2	5.7	TRACE	.0	.0	.0	.0	.0	.0	2.0	1.0	24.2
57	7.9	2.4	TRACE	2.2	.0	.0	.0	.0	.0	1.0	.5	6.7	20.7
58	7.9	6.9	8.2	.1	.0	.0	.0	.0	.0	.0	7.0	18.6	48.7
59	16.3	1.6	15.9	.3	.0	.0	.0	.0	.0	.0	4.6	6.1	44.8
60	1.7	7.9	14.9	TRACE	.0	.0	.0	.0	.0	.0	2.0	15.6	42.1
61	6.5	6.8	.7	.3	.0	.0	.0	.0	.0	.0	.4	5.3	20.0
62	4.7	10.9	5.2	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	2.7	23.5
63	3.4	6.1	5.1	TRACE	.0	.0	.0	.0	.0	.0	.8	7.4	22.8
64	* 7.6	15.5	.9	TRACE	.0	.0	.0	.0	.0	.0	1.2	1.9	* 27.1
65	13.3	5.2	4.6	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.4	24.5
66	6.4	7.2	2.0	.7	TRACE	.0	.0	.0	.0	.0	9.2	5.7	31.2
67	4.5	14.1	7.0	.0	.0	.0	.0	.0	.0	TRACE	6.0	3.3	34.9
68	5.8	1.6	12.9	TRACE	.0	.0	.0	.0	.0	.0	.6	1.4	* 22.3
69	.7	.1	.2	TRACE	.0	TRACE	.0	.0	.0	.0	.3	7.4	8.9
70	10.6	1.8	7.4	TRACE	.0	.0	.0	.0	.0	.0	3.1	.6	23.9
71	5.2	9.1	11.8	TRACE	.0	.0	.0	.0	.0	.0	3.7	.3	30.1
72	3.9	7.1	1.8	1.4	.0	.0	.0	.0	.0	TRACE	2.0	5.1	21.3
73	1.6	3.8	1.7	6.1	.0	.0	.0	.0	.0	.0	TRACE	9.8	23.0
74	2.9	4.8	2.7	2.2	.0	TRACE	.0	.0	.0	TRACE	8.5	6.1	27.2
75	4.7	3.3	11.6	.1	.0	.0	.0	.0	.0	.0	2.8	3.5	26.0
76	10.5	.3	.6	.0	.0	.0	.0	.0	.0	.0	3.1	4.0	18.5
77	18.9	7.7	.7	.2	.0	.0	.0	.0	.0	TRACE	2.1	3.6	33.2
78	34.1	5.0	7.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.9	47.0
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-85-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 49-79 (YEARS)

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	20.2	13.8	.4	.3	.0	.0	.0	.0					
MEAN	7.92	5.64	5.00	.56	TRACE	TRACE	.00	.00	.00	.07	3.19	5.07	27.23
S.D.	7.446	4.159	4.641	1.289	.000	.000	.000	.000	.000	.254	3.937	4.262	9.857
TOTAL OBS.	929	847	930	900	930	900	930	930	900	930	900	929	10955

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 49-79 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	51.4	14.4	9.0	7.4	6.9	4.9	4.7	1.2						34.2	930			
FEB	59.7	13.2	8.1	5.1	4.7	5.8	3.1	.2						27.0	847			
MAR	82.4	7.7	3.9	1.7	1.4	2.4	.5							9.9	930			
APR	98.3	1.6		.1										.1	900			
MAY	100.0														930			
JUN	100.0														900			
JUL	100.0														930			
AUG	100.0														930			
SEP	100.0														900			
OCT	99.9	.1													930			
NOV	90.7	5.9	1.6	.6	.2	.4	.3	.3						3.4	900			
DEC	66.3	10.7	10.5	4.3	4.0	3.7	.5							23.0	929			
ANNUAL	87.4	4.5	2.8	1.6	1.4	1.4	.8	.1						8.1	10956			

1210 WS FORM JUL 64 0-15-5 (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
SNOW DEPTH

(FROM DAILY OBSERVATIONS)

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 49-79 YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49									0	0	0	0	
50	TRACE	2	TRACE	0	0	0	0	0	0	0	16	6	16
51	6	12	2	TRACE	0	0	0	0	0	0	TRACE	9	12
52	3	3	1	0	0	0	0	0	0	0	3	4	4
53	2	TRACE	3	TRACE	0	0	0	0	0	0	1	1	3
54	2	1	3	TRACE	0	0	0	0	0	0	1	1	3
55	2	2	1	0	0	0	0	0	0	0	4	3	4
56	8	TRACE	4	TRACE	0	0	0	0	0	0	TRACE	1	8
57	3	1	0	TRACE	0	0	0	0	0	0	TRACE	4	4
58	2	4	5	0	0	0	0	0	0	0	7	6	7
59	3	1	6	0	0	0	0	0	0	0	1	5	6
60	TRACE	2	7	TRACE	0	0	0	0	0	0	1	7	7
61	4	4	TRACE	TRACE	0	0	0	0	0	0	TRACE	3	4
62	3	5	4	0	0	0	0	0	0	TRACE	0	1	5
63	3	4	6	0	0	0	0	0	0	0	0	6	6
64	10	3	1	0	0	0	0	0	0	0	0*	1	10
65	9	3	1	0	0	0	0	0	0	0	0	1	9
66	5	8	1	0	0	0	0	0	0	0	6	2	8
67	2	5	6	0	0	0	0	0	0	0	1	2	6
68	8	0	11	0	0	0	0	0	0	0	0	1	11
69	1	1	1	0	0	0	0	0	0	0	TRACE	6	6
70	6	1	2	0	0	0	0	0	0	0	1	1	6
71	1	5	2	0	0	0	0	0	0	0	1	TRACE	5
72	2	4	1	TRACE	0	0	0	0	0	0	TRACE	3	4
73	1	1	2	2	0	0	0	0	0	0	0	5	5
74	4	3	3	TRACE	0	0	0	0	0	0	3	3	4
75	2	1	3	0	0	0	0	0	0	0	TRACE	1	3
76	3	1	TRACE	0	0	0	0	0	0	0	1	1	3
77	11	11	1	0	0	0	0	0	0	0	2	4	11
78	18	17	7	0	0	0	0	0	0	0	0	TRACE	18
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 44 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 49-79 (YEARS)

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	8	10	TRACE	0	0	0	0	0					
MEAN	4.4	3.8		.1	.0	.0	.0	.0		TRACE	1.6	2.9	6.7
S D	3.944	4.035	2.712	.365	.000	.000	.000	.000	.000	.000	3.253	2.389	3.938
TOTAL OBS.	930	847	930	900	930	900	930	930	900	930	900	929	10956

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM XX 44 0-88-5 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

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

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

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

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

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

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

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

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

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

74-29482

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
SURFACE WINDS

(FROM DAILY OBSERVATIONS)

13840 — STATION
WRIGHT-PATTERSON AFB OH — STATION NAME
49-79 — YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49									NNW 54	WNW 39	WNW 43	W 51	
50	WNW 50	SSW 35	WSW 50	W 54	SSW 39	W 66	SSW 56	N 20	WNW 43	NW 42	WSW 56	W 42	W 66
51	WNW 33	SSE 40	WSW 51	W 42	NW 62	WNW 52	N 43	WNW 49	WSW 45	WSW 46	SSE 58	WSW 56	NW 62
52	WSW 58	W 65	WSW 56	W 46	SW 46	WNW 31	N 47	WNW 62	NW 45	WNW 47	S 49	WNW 37	W 65
53	NNW 43	WSW 48	W 50	WSW 57	NNE 68	N 45	NW 39	WSW 48	WNW *29	NW 33	WSW 38	SW 52	NNE 68
54	WSW 41	SW 38	W 58	SW *42	WNW 44	WSW 52	WNW 54	NW 50	WNW 57	WNW 42	W 39	WSW 39	W 58
55	NW 36	NW 30	W 70	SW 48	W 50	W *31	ESE 38	N *35	WSW 47	NW 44	W 49	WSW 41	W 70
56	N 33	NNW 85	WSW *61	SW 47	NW 43	SE *41	NW *41	SW *38	SW *39	WNW 36	WSW 50	SW 43	NNW 85
57	WSW 35	W 31	S 36	WSW 40	SW 37	NNW 35	NW 31	SSW 28	WSW 33	S *32	SW 43	SSE 34	SW 43
58	WSW 29	SW 33	NE 27	WNW 52	W *36	NW 45	SW 47	WSW 42	SW *31	W *32	NW 34	W *24	WNW 52
59	SW 39	SSW 45	S 50	SSW 40	SSE 30	W 30	W *33	WSW 39	S 25	SW *33	SSW 36	W *28	S 50
60	WSW 32	SW 35	SW 38	W 43	SW 42	SSW 33	WNW 34	NW 38	SSE 24	WSW 29	SW 33	NNE 27	W 43
61	SW 29	NW 40	WNW 39	WNW 41	SW 33	SW 31	W 28	W 26	WNW 36	WSW *18	WSW *32	W *22	WNW 41
62	SSW *34	WNW *38	E 35	WNW 38	S 44	NW 30	W 32	SSW 25	N 22	W 33	NW 35	W 35	S 44
63	WSW 27	WSW 40	W 42	W 46	W *33	NW *23	SSW *33	NNW *34	NW 26	SW *28	S *33	SSW *34	W 46
64	WNW *41	W 28	W *42	WSW *38	WNW *31	W *44	NNW *27	SW *37	SW *30	SSW *34	SW *42	W *27	W *44
65	W *43	N *32	W *36	N *41	SW *40	ESE *41	W *34	W 46	SSE 33	W *50	WNW *49	WSW *36	W *50
66	WNW *29	N *32	W *38	WNW *42	NNW *32	NNE 37	NNE 44	S 52	W 33	S 30	N 39	W 36	S 52
67	SW 35	W 56	NNW *39	W 41	WNW 43	W 25	NNE 30	W 26	N 28	W 41	WNW 32	W 33	W 56
68	WNW 33	WNW 35	WSW 34	WNW 35	NW 35	WSW 36	25/ 29	24/ 32	25/ 22	31/ 32	23/ 48	25/ 46	23/ 48
69	26* 39	26/ 32	21/ 50	31/ 40	22/ 50	28/ 46	34/ 39	36/ 36	32/ 26	27/ 31	24/ 41	26/ 32	21/ 50
70	27/ 39	21/ 40	24/ 48	27/ 57	28/ 57	22/ 36	28/ 50	26/ 31	26/ 53	29/ 34	26/ 42	27/ 53	27/ 57
71	28/ 57	28/ 52	27/ 46	22/ 35	20/ 49	6/ 35	24/ 33	33/ 26	24/ 28	27/ 27	31/ 36	24/ 50	28/ 57
72	28/ 44	24/ 40	22/ 45	27/ 48	18/ 32	34/ 28	22/ 44	33/ 41	33/ 27	26/ 28	22/ 31	22/ 39	27/ 48
73	24/ 41	27/ 38	21/ 41	19/ 41	21/ 36	22/ 45	30/ 33	33/ 45	22/ 30	30/ 35	24* 40	32/ 44	32/ 45
74	21/ 64	24/ 48	22/ 40	24/ 48	29/ 40	22/ 48	28/ 36	5/ 36	23/ 44	23/ 33	27/ 36	26/ 31	21/ 64
75	23/ 50	27/ 47	24/ 51	25* 49	27/ 26	34/ 42	24/ 38	34/ 29	26/ 46	2/ 35	27/ 40	25/ 36	24/ 51
76	26/ 43	21/ 38	26/ 42	23/ 31	23/ 37	24/ 38	26/ 56	32/ 31	35/ 30	26/ 34	22/ 33	29/ 38	26/ 56
77	25/ 46	23/ 42	27/ 41	27/ 42	34/ 28	30/ 45	28/ 45	18/ 27	22/ 42	30/ 28	26/ 33	25/ 40	25/ 46
78	27/ 58	20/ 27	24/ 33	27/ 35	21/ 31	30/ 41	33/ 42	24* 38	20/ 35	31/ 32	19/ 42	21/ 41	27/ 58
MEAN													
S.D.													
TOTAL OBS.													

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

$ (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
SURFACE WINDS

(FROM DAILY OBSERVATIONS)

13840 WRIGHT-PATTERSON AFB OH 49-79
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	26/ 35	3/ 36	23/ 43	30/ 40	35/ 34	26/ 41	6* 17	20* 18					
MEAN	42.4	41.6	44.6	43.5	41.4	40.1	40.3	37.1	35.9	35.3	40.6	40.7	55.6
S D.	10.767	12.238	9.165	6.795	10.421	9.968	8.453	10.314	10.492	5.902	7.444	7.568	8.237
TOTAL OBS.	885	825	898	860	885	853	868	860	857	873	848	872	10384

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

$ (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 66-70,73-79 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 0000-0200 (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	1.9	1.9	.8	.3							5.7	7.1
NNE	.6	.2	.3	.5								1.7	7.6
NE	1.1	.9	.5									2.5	4.7
ENE	1.2	.4	.2	.3								2.2	5.0
E	1.1	1.9	1.1	.1								4.2	5.4
ESE	.4	.6	.4									1.5	5.0
SE	.4	1.0	1.1	.3	.3							3.1	8.1
SSE	1.5	1.2	.4									3.1	3.9
S	1.3	2.0	2.5	1.2		.2						7.2	7.5
SSW	.9	2.5	1.5	1.1	.3	.1						6.4	7.6
SW	1.2	2.2	1.1	1.4	.1	.3	.1					6.4	8.5
WSW	1.3	2.2	2.6	3.3	.4	.2	.1					10.1	9.8
W	.6	4.0	4.6	4.1	2.0	.1	.1					15.6	10.2
WNW	.9	2.2	2.6	1.0	.3							7.2	8.4
NW	.2	.4	1.5	.8	.1							3.0	9.0
NNW	.1	.9	1.4	.5								2.9	8.1
VARBL													
CALM												17.2	
	14.1	24.0	23.8	15.4	4.2	1.0	.3					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 60-70,73-79 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 0300-0600 (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	≥55	%	MEAN WIND SPEED
N	.9	2.0	1.6	.8								5.3	6.7
NNE	.4	.5	.6	.6								2.4	7.5
NE	1.1	1.3	.6									3.1	4.6
ENE	.5	1.0	.2	.3								2.0	6.0
E	1.0	1.3	.9	.4								3.2	5.5
ESE	.4	1.1	.6	.2								2.4	6.2
SE	1.6	.5	.4	.4								3.0	5.2
SSE	1.6	1.0	.5	.1								3.2	4.3
S	1.3	2.4	2.0	.8								6.5	6.4
SSW	.9	1.8	3.3	1.0	.4	.2						7.3	8.8
SW	1.1	1.6	1.7	2.2	.3							6.3	8.5
WSW	1.0	1.6	2.9	1.3	.6	.1						7.5	8.9
W	1.1	3.1	5.4	5.6	1.2	.4	.1	.3				17.2	10.9
WNW	1.0	1.3	3.1	1.3	.5							7.2	8.6
NW	.4	1.4	1.3	.5								3.7	6.9
NNW	.3	.2	.4	.2								1.2	6.9
VARBL													
CALM												16.5	
	14.2	22.2	25.2	15.7	3.1	.8	.1	.3				100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1384L (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70, 73-79 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.0	1.4	.6								3.9	7.3
NNE	1.3	1.3	.9	.2								3.7	5.1
NE	.9	.5	1.1	.4								2.9	6.7
ENE	.9	.8	.2	.4								2.3	5.4
E	1.0	1.5	.4	.1								3.0	4.8
ESE	.9	.9	.9	.3								2.9	6.3
SE	2.0	.3	.6	.1								3.1	4.1
SSE	1.5	2.5	.6	.3								4.9	4.8
S	1.9	3.7	.5	.6								6.8	5.2
SSW	1.2	2.5	2.0	1.7	.2							7.6	7.5
SW	1.7	1.4	1.2	2.8	.5	.3	.1					8.1	9.8
WSW	1.1	.9	2.1	2.0	.2	.1		.1				7.1	9.7
W	1.4	2.3	5.2	5.3	1.4	.5		.2				16.2	10.8
WNW	.3	1.6	2.7	1.6	.4	.1						6.8	9.2
NW	.6	1.6	1.3	.4	.1							4.1	6.8
NNW	.5	.9	.8	.4								2.6	6.7
VARBL													
CALM												14.1	
	18.0	25.4	22.5	17.6	2.9	1.1	.1	.3				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

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

1967

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840	WRIGHT-PATTERSON AFB OH	60-7[illegible],73-79	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0900-1[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	.9	1.0	1.2	1.0								3.9	7.8
NNE	.3	1.2	1.0	.2								2.7	6.8
NE	1.7	1.1	1.4	.9								4.3	7.0
ENE	.8	.5	.4	.1								1.8	5.4
E	.9	1.3	.9	.4								3.4	5.8
ESE	.8	1.0	1.0	.2								2.9	6.3
SE	.4	1.3	.5	.1								2.4	5.4
SSE	.8	2.3	.8	.4								4.2	5.8
S	1.3	3.8	2.4	.6	.3							8.6	6.5
SSW	.9	3.1	2.5	2.4	.5							9.2	8.6
SW	.9	1.3	2.3	1.9	.2	.4	.1					7.1	9.9
WSW	.4	1.0	2.4	5.2	.5	.1		.3				9.9	12.1
W	.5	2.6	5.4	6.3	1.7	.4						17.0	11.2
WNW		.6	2.3	2.2	.2	.1						5.4	10.8
NW	.5	.5	2.3	1.1	.2							4.4	8.9
NNW	.9	.4	.4	.5								2.3	6.7
VARBL													
CALM												10.5	
	11.1	22.9	26.7	23.5	3.9	1.1	.1	.3				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-73, 73-79 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | 1200-1400 (HOURS (L S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.1	1.5	1.3								4.7	7.9
NNE	.1	.4	.5	.3								1.4	7.9
NE	.5	1.2	1.5	.5								3.8	7.1
ENE	.1	.3	1.2	.4								2.0	6.5
E	1.1	1.7	1.0	.6								4.4	6.0
ESE	.6	.6	.4	.3								2.0	6.0
SE	.4	1.6	1.0	.1	.1							3.2	6.4
SSE	.6	1.1	1.5	.2	.1							3.5	6.7
S	1.0	2.0	3.8	1.0	.5							8.3	8.0
SSW	.5	1.0	3.8	2.2	.9							8.3	10.5
SW	.1	1.3	2.4	3.0	.9	.3						8.0	11.6
WSW		2.0	2.6	4.2	1.5	.1	.3					10.8	12.0
W	.4	2.0	4.9	8.8	3.2	.8	.1					20.3	12.6
WNW	.4	1.1	1.4	3.2	.5	.3						7.0	11.4
NW		.8	1.6	1.2	.3							3.9	10.1
NNW	.6	1.1	2.2	.8								4.6	7.8
VARBL													
CALM												3.8	
	7.5	19.4	31.2	28.2	8.1	1.5	.4					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) — WRIGHT-PATTERSON AFB OH (STATION NAME) — 68-70, 73-79 (YEARS) — JAN (MONTH)

ALL WEATHER (CLASS) — 1500-1700 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.5	2.2	.9								5.2	7.6
NNE	.5	.4	.4	.5								1.9	7.5
NE	.8	.3	1.7	.1								2.9	6.9
ENE	.5	.6	1.4	.4								3.0	7.3
E	.9	1.6	1.3	.1								3.9	5.8
ESE	.5	1.0	1.4	.1								3.0	6.4
SE	.6	1.5	.9	.6	.2							3.9	7.1
SSE	.5	1.2	1.5	.4								3.7	7.3
S	.6	1.9	3.2	1.2								7.0	8.0
SSW	.1	1.6	4.0	1.7	.4	.1						8.0	9.6
SW	.2	.8	2.0	2.8	.9	.4						7.1	12.0
WSW	.5	1.7	2.6	3.1	1.3	.2	.2					9.8	11.5
W	.6	1.9	5.4	9.0	2.9	.5	.1					20.5	12.1
WNW	.2	.9	2.3	3.2	1.0	.4						8.0	12.0
NW	.4	.8	2.2	.9	.2							4.4	8.9
NNW	.4	.9	2.0	1.1								4.4	8.1
VARBL													
CALM												3.4	
	8.3	18.6	34.4	26.2	6.9	1.7	.4					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840	WRIGHT-PATTERSON AFB OH	68-70, 73-79	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

1800-2000 (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.6	1.7	.8	.1							5.3	7.2
NNE	.2	1.0	.5	.3								2.0	6.9
NE	.5	.8	1.0	.3								2.6	6.3
ENE	.5	1.0	1.0	.3								2.8	6.6
E	1.5	1.9	1.3									4.7	4.8
ESE	1.1	1.7	.5	.2								3.5	4.9
SE	1.0	1.1	1.4	.5								4.0	6.2
SSE	.5	1.7	1.3	.4								4.0	6.6
S	.5	4.0	2.4	1.3								8.2	7.2
SSW	.5	2.7	2.2	.6	.2	.1						6.3	7.5
SW	.8	1.6	1.2	1.9								5.5	8.1
WSW	.6	1.1	1.9	1.9	1.0	.2	.2					7.0	11.4
W	1.3	3.0	6.8	5.6	1.8	.5	.1					20.0	10.3
WNW	.6	2.0	1.7	1.9	1.0	.2						7.5	10.1
NW	.1	1.3	.8	.8	.1							3.0	8.4
NNW	.4	1.4	2.3	.3								4.4	7.2
VARBL													
CALM												9.1	
	11.4	28.7	27.8	17.3	4.2	1.1	.3					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 930

7939

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 69-70,73-79 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥55	%	MEAN WIND SPEED
N	.8	1.5	1.7	.5	.2							4.7	7.3
NNE	.4	.4		.5	.1							1.3	8.1
NE	.4	.6	.4	.4								1.9	7.3
ENE	1.2	1.0	1.3	.3								3.8	5.8
E	1.2	1.5	.5	.1								3.3	4.8
ESE	.4	1.6	.4	.2	.1							2.8	5.5
SE	1.3	.9	.6	.1		.1						3.0	5.7
SSE	.6	1.0	1.4	.6								3.7	7.1
S	1.6	3.4	2.0	1.9	.1							9.1	7.4
SSW	.2	1.6	2.6	.5	.4							5.4	8.5
SW	1.1	1.5	1.8	1.5	.3	.3						6.6	8.9
WSW	1.0	1.4	2.0	2.0	.9							7.3	9.7
W	1.8	3.5	4.5	4.7	1.6	.4	.1					16.8	10.0
WNW	.9	1.3	1.7	2.8	.4	.1						7.2	9.9
NW	.5	1.1	1.2	.9	.5							4.2	9.1
NNW	.4	1.3	1.1	.2								3.0	6.7
VARBL													
CALM												15.9	
	13.9	23.7	23.4	17.3	4.7	1.0	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (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	.9	1.4	1.7	.8	.1							4.8	7.3
NNE	.5	.7	.6	.4	.0							2.1	6.9
NE	.9	.8	1.0	.3								3.0	6.3
ENE	.7	.7	.7	.3								2.5	6.3
E	1.1	1.6	.9	.2								3.8	5.4
ESE	.6	1.1	.7	.2	.0							2.6	5.8
SE	1.0	1.0	.8	.3	.1	.0						3.2	6.1
SSE	1.0	1.5	1.0	.3	.0							3.8	5.8
S	1.2	2.9	2.4	1.1	.1	.0						7.7	7.0
SSW	.6	2.1	2.7	1.4	.4	.1						7.3	8.7
SW	.9	1.5	1.6	2.2	.4	.3	.1					6.9	9.8
WSW	.7	1.5	2.5	2.9	.3	.1	.1	.1				8.7	10.6
W	1.0	2.9	5.3	6.2	2.0	.5	.1	.1				18.0	11.1
WNW	.5	1.4	2.2	2.2	.6	.2						7.0	10.1
NW	.4	1.0	1.5	.8	.2							3.8	8.5
NNW	.3	.9	1.3	.5								3.2	7.4
VARBL													
CALM												11.6	
	12.3	22.9	26.9	20.2	4.7	1.1	.2	.1				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 7439

7940

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0000-0200 (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	1.4	2.?	1.1	.1							5.9	7.4
NNE	.4	.8	1.3	.6								3.1	7.6
NE	.8	1.9	1.3	.8								4.5	6.8
ENE	.?	1.1	.7	.2								?.0	5.5
E	.7	1.2	1.1	.2								3.2	5.7
ESE	.5	.6	.1	.1								1.3	4.4
SE	.8	.4	.4	.1								1.7	5.3
SSE	.5	.6	.5	.9								2.5	6.1
S	.8	2.2	1.1	.6	.1							4.8	6.6
SSW	.9	1.5	2.1	.8								5.4	6.9
SW	.6	1.2	.7	2.0	.2							4.7	9.3
WSW	.4	1.4	2.5	2.4	.?							6.9	9.4
W	.7	2.0	4.6	2.5	.4	.1						10.3	9.0
WNW	.7	1.9	2.2	2.8	.1							7.8	9.1
NW	.6	1.2	2.6	1.2	.1							5.7	8.0
NNW	1.1	1.2	1.4	1.1								4.7	7.4
VARBL													
CALM												24.6	
	11.7	20.2	24.6	17.5	1.3	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 946

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 63-73,73-79 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0300-0500 (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	1.3	1.5	1.2	.6							5.4	7.8
NNE	1.4	.7	1.9	.1	.1							4.3	6.0
NE	.3	.4	1.1	.5	.1							3.5	7.2
ENE	1.3	.5	.8	.1								2.7	5.0
E	.9	.9	1.4	.4								3.7	5.3
ESE	.8	.6	.7	.1								2.2	5.4
SE	.5	.2	.1									.8	3.6
SSE	1.1	1.2	1.5	.5								4.3	6.7
S	.9	1.2	1.1	.6	.4	.1						4.3	7.9
SSW	.5	2.4	2.4	.9								6.1	7.4
SW	.9	1.7	1.8	1.1	.4	.2						6.0	8.5
WSW	.8	1.8	2.6	1.7	.1							7.0	8.2
W	.5	2.4	4.1	1.4	.1							8.5	8.3
WNW	.5	1.5	1.2	2.1								5.3	8.7
NW	.7	2.7	2.2	1.2	.1							7.0	7.5
NNW	.5	1.2	1.5	.8								4.0	7.2
VARBL													
CALM												23.9	
	13.1	22.1	26.0	12.6	1.9	.4						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 346

7961

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 63-70,73-79 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.4	2.2	.8	.2							6.7	7.2
NNE	.9	1.1	.3	.2	.2							3.2	6.6
NE	.9	1.5	1.8	.4	.1							4.3	7.1
ENE	.9	.5	.7	.4								2.4	6.6
E	.8	1.2	1.4	.2								3.7	6.5
ESE	.6	.8	.9	.1								2.4	5.9
SE	.6	.6	.5	.1								1.8	5.0
SSE	1.1	1.9	.8	.1								3.9	5.1
S	.9	1.4	1.9	.1								4.4	6.3
SSW	.5	1.6	4..	1.8	.2	.1						8.4	8.7
SW	.7	1.7	1.4	1.3	.5	.1						5.7	9.0
WSW	.2	1.8	2.2	1.5	.4	.4						7.2	9.0
W	.2	3.3	2.4	2.4	.1							8.4	8.5
WNW	.1	.9	1.8	1.2								4.3	6.6
NW	1.2	1.7	1.3	.8								5.0	6.3
NNW	.8	1.1	1.3	1.5	.1							4.8	8.4
VARBL													
CALM												23.6	
	11.8	23.5	25.5	13.0	1.9	.6						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 646

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13846 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 66-70,73-79 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0900-1100 (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	2.3	3.0	.9	.5							7.5	7.5
NNE	1.1	.5	.5	.5	.1	.2						3.2	7.8
NE	1.1	.4	1.5	.5								3.7	7.3
ENE	.7	.1	1.3	.8								3.0	7.7
E	1.1	2.1	1.9	.9								6.0	6.6
ESE	.9	1.5	1.3									3.8	5.3
SE	.7	.8	.9	.2								2.7	6.0
SSE	.5	1.7	1.2	.1								3.4	6.1
S	1.2	1.3	1.5	1.5	.1	.1						5.8	7.9
SSW	.2	1.4	2.0	3.0	.4							7.0	10.2
SW	.2	.9	1.4	1.7	1.4	.5	.1					6.3	12.7
WSW	.6	1.7	2.4	2.7	.6	.2						8.2	10.3
W	.8	1.4	4.3	3.9	1.1	.5						11.9	10.8
WNW	.7	.7	1.4	2.2	.1							5.2	9.8
NW	.2	1.1	2.0	.8	.4							4.5	8.9
NNW	.5	1.3	1.7	1.2	.1							4.7	8.5
VARBL													
CALM												12.2	
	11.8	19.7	28.8	21.0	4.7	1.5	.1					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13984 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 6°-76,73-79 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | 1200-1400 (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	2.2	2.4	.6	.4							6.7	7.5
NNE	.5	.7	1.1	.8	.1							2.7	8.7
NE	.1	.6	1.3	.5		.4						3.0	9.0
ENE	.6	1.3	1.2	.7								3.8	7.5
E	.6	1.2	1.9	.6								4.3	7.1
ESE	1.1	1.3	1.[illegible]	.7								5.0	6.9
SE	.1	1.1	.8	.4								2.4	7.5
SSE	1.1	1.3	1.3	.1								3.8	5.8
S	.1	1.3	1.2	1.7		.1						4.4	9.7
SSW	.1	1.4	3.2	1.9	1.3							7.9	10.9
SW	.9	1.1	1.3	4.0	.9	.5						8.7	11.8
WSW	.2	.7	2.4	2.8	1.5	1.2						8.9	13.5
W	1.1	1.7	4.0	5.6	1.7	.6	.1					14.7	11.6
WNW	.1	1.4	2.1	2.2	.4	.1						6.4	10.1
NW	.4	1.2	2.[illegible]	1.9	.4	.1						6.1	9.8
NNW	.[illegible]	2.5	3.[illegible]	.7								6.6	7.6
VARBL													
CALM												4.7	
	8.2	20.7	31.7	25.2	6.6	2.8	.1					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.2	2.5	1.2	.5							6.9	8.5
NNE	.1	.5	1.2	1.1	.1							3.0	10.1
NE	.4	.9	2.1	.8								4.3	8.3
ENE	.3	.7	1.1	.8								3.4	7.6
E	.6	2.0	2.8	.5								5.9	7.0
ESE	.6	2.1	1.4	.2								4.4	6.1
SE	.4	.4	1.1	.2								2.0	7.2
SSE	.4	.8	.6	.4								2.1	6.5
S	.5	.7	1.7	1.5	.3							4.6	9.3
SSW	.1	1.9	1.8	2.6	.5	.1						7.3	10.9
SW	.1	.8	1.3	3.2	1.2	.2						6.9	12.9
WSW	.5	1.3	1.4	2.6	1.1		.1					7.0	11.6
W	.8	1.5	3.3	6.7	1.3	1.1	.4					15.1	12.6
WNW	.4	1.4	3.0	4.3	.6							9.6	10.6
NW	.4	2.2	3.7	1.8	.1	.1						8.3	8.7
NNW	.5	1.9	2.8	1.8	.1							7.1	8.5
VARBL													
CALM												2.2	
	6.9	21.5	31.7	29.7	6.0	1.5	.5					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840	WRIGHT-PATTERSON AFB OH	68-70, 73-79	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

1500-2000 (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	3.7	2.0	.9	.4	.1						9.2	6.7
NNE	.3	.8	1.9	.6								3.8	7.6
NE	.9	2.0	2.1	.6								5.7	6.8
ENE	1.4	.8	.7	.5								3.4	5.8
E	1.6	1.9	1.1	.2								4.7	5.4
ESE	1.2	1.1	.4									2.6	4.2
SE	.6	.6	.5	.5								2.1	6.7
SSE	.6	1.2	.9									2.7	5.7
S	.4	2.0	2.0	.9								5.3	7.7
SSW	.5	1.2	2.6	1.2	.7							6.1	9.3
SW	.9	1.4	1.3	1.7	.1							5.3	8.2
WSW	.4	1.1	1.4	.8								3.7	7.8
W	1.3	3.9	4.8	5.3	.9	.4	.1					16.8	9.8
WNW	1.2	1.5	2.4	2.4	.1		.1					7.7	8.7
NW	.7	1.8	2.6	1.4	.1							6.6	8.2
NNW	.9	2.2	1.1	1.1								5.3	6.8
VARBL													
CALM												8.9	
	15.0	27.2	27.8	18.1	2.4	.5	.2					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 2100-2500 (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	1.9	1.9	1.9	.6	.1							6.3	6.4
NNE	.7	1.2	1.3	.7								3.9	7.1
NE	.8	2.1	1.8	.9	.1							5.8	7.4
ENE	.9	.5	.9	.4								2.7	6.1
E	.9	1.3	.6									2.8	4.6
ESE	.7	.9	.4									2.0	4.6
SE	.4	.2	.8	.2								1.7	6.9
SSE	1.4	1.1	.4	.4								3.2	4.7
S	.4	1.8	2.2	.4	.2							5.0	7.3
SSW	.7	1.3	.9	1.2	.4							4.5	8.9
SW	.7	.7	2.0	1.3		.2						5.0	8.9
WSW	1.2	.9	1.7	1.4	.1							5.3	7.8
W	.6	3.5	5.7	3.8	.8	.2						14.3	9.5
WNW	.9	.9	1.7	1.5	.2	.1						5.4	9.0
NW	.2	1.9	2.0	1.5	.1							5.8	8.5
NNW	1.9	.7	.6	2.4								5.6	8.1
VARBL													
CALM												21.8	
	14.4	20.9	24.8	16.7	1.8	.6						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 846

7964

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (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	1.3	2.3	2.2	.9	.3	.0						7.1	7.4
NNE	.7	.7	1.3	.6	.1	.0						3.4	7.6
NE	.6	1.3	1.7	.6	.1	.0						4.3	7.4
ENE	.9	.7	.9	.5								3.0	6.5
E	.9	1.5	1.5	.4								4.3	6.3
ESE	.8	1.1	.9	.2								3.0	5.6
SE	.5	.5	.6	.2								1.9	6.3
SSE	.8	1.2	.9	.3								3.2	6.0
S	.7	1.5	1.6	.9	.1	.0						4.8	7.8
SSW	.4	1.6	2.4	1.7	.5	.0						6.6	9.3
SW	.6	1.2	1.4	2.0	.6	.2	.0					6.1	10.4
WSW	.6	1.3	2.1	2.0	.5	.2	.0					6.8	10.0
W	.8	2.5	4.2	3.9	.8	.4	.1					12.5	10.2
WNW	.6	1.3	2.0	2.3	.2	.0	.0					6.5	9.4
NW	.5	1.7	2.5	1.5	.2	.0						6.1	8.3
NNW	.8	1.5	1.7	1.3	.0							5.4	7.9
VARBL													
CALM												15.1	
	11.6	22.0	27.6	19.2	3.3	1.0	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 6768

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 63-70, 73-79 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | 0000-0200 (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	.9	1.9	.9								5.5	6.4
NNE	1.4	2.4	.4	1.0	.1							5.3	6.2
NE	1.2	1.8	1.9	.3	.3							5.6	6.8
ENE	1.2	.9	1.1	.5								3.7	6.6
E	.5	1.3	.9									2.7	5.3
ESE	.8	1.0	.6	.2								2.6	5.6
SE	.6	.9	1.1	.5								3.1	6.7
SSE	1.2	1.8	1.2	1.1								5.3	6.6
S	.2	1.4	.9	1.2	.1							3.8	8.7
SSW	.5	1.8	1.8	1.4	.2							5.8	8.5
SW	.3	1.4	1.5	1.7	.1	.1						5.7	8.8
WSW	.9	.4	1.7	.6								3.7	7.3
W	1.3	1.6	2.6	2.4	.9	.2						8.6	10.0
WNW	.5	1.1	2.8	1.7		.1						6.2	8.8
NW	.6	1.3	2.2	1.2	.2							5.5	8.2
NNW	.8	.4	1.4	.9								3.4	6.0
VARBL													
CALM												23.6	
	14.1	20.3	24.0	15.6	1.9	.4						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 929

7945

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | 0300-0500 (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	2.3	.9	.6	.1							5.6	5.7
NNE	1.6	1.3	.3	.9	.2							4.7	6.5
NE	1.2	1.0	1.4	1.1	.3							4.9	7.8
ENE	.5	.8	.6	.6								2.6	7.1
E	1.1	1.1	.9	.2								3.2	5.6
ESE	.6	.9	.3	.2								2.0	5.2
SE	1.1	1.4	.4	.1								3.0	4.7
SSE	1.0	1.2	.8	1.2								4.1	7.3
S	1.4	2.2	1.1	1.4								6.0	7.0
SSW	.5	1.8	1.9	2.0		.2						6.6	9.1
SW	.8	1.0	1.8	1.4		.1						5.1	8.5
WSW	.3	1.1	1.2	1.2	.4							4.2	9.4
W	.6	2.0	4.0	1.1	.5	.1						8.4	8.9
WNW	.9	.5	2.6	1.7	.2							5.9	8.9
NW	.2	1.5	1.9	.4	.1							4.2	7.7
NNW	.9	1.1	1.7	.4								4.1	6.5
VARBL													
CALM												25.4	
	14.4	21.0	22.3	14.6	1.9	.4						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1384J (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 0600-0800 (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	1.9	3.1	1.4	.3								6.8	5.1
NNE	1.0	1.5	.6	.8								3.9	6.5
NE	1.0	1.0	1.4	1.4	.5							5.3	9.1
ENE	.4	1.1	.8	.4								2.7	6.8
E	.9	1.1	1.3	.2								3.3	6.2
ESE	.2	1.3	.2		.1							1.8	5.5
SE	.5	1.0	.5		.2							2.3	6.4
SSE	1.7	2.0	1.0	.6								5.4	5.7
S	1.4	1.7	1.8	1.9	.1	.1						7.1	7.9
SSW	.9	2.5	2.8	1.5								7.6	7.9
SW	.8	1.6	1.9	1.1	.2	.2						5.8	8.7
WSW	.8	1.3	1.5	.8	.4							4.7	8.3
W	1.1	1.7	2.5	2.3	.8							8.3	9.2
WNW	.3	1.8	1.6	1.4	.1							5.3	8.5
NW	.6	1.2	.9	.4	.1							3.2	7.3
NNW	.9	1.5	1.2	.4		.1						4.1	6.7
VARBL													
CALM												22.5	
	14.2	25.4	21.4	13.5	2.6	.4						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

7946

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON /FB OH (STATION NAME) 68-70,73-79 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.9	2.5	1.1								6.3	7.2
NNE	.3	1.8	1.7	1.5	.2							5.6	8.6
NE	.4	1.5	.6	1.4	.6	.1						4.7	10.0
ENE	.5	.6	.9	.4								2.5	6.9
E	.6	2.2	1.5	.8								5.1	6.7
ESE	.4	1.2	2.5	.6								4.7	7.5
SE	1.0	1.2	1.6	.6	.2							4.6	7.6
SSE	.4	1.8	1.6	.8	.2							4.8	7.7
S	1.1	3.1	2.8	1.2	.3							8.5	7.5
SSW	.1	1.3	2.3	2.9	.4	.1						7.1	10.6
SW	.2	1.4	1.7	3.5	.9	.2	.1					8.1	11.7
WSW	.1	1.0	2.5	3.3	.3	.1	.1					7.4	11.2
W	.3	1.6	2.6	4.9	1.0	.6						11.1	12.0
WNW	.1	1.0	2.6	1.6	.6							5.9	10.6
NW	.1	.3	1.9	.9	.4	.2						3.9	11.1
NNW	.3	2.3	1.7	.3	.1	.1						4.8	7.4
VARBL													
CALM												4.8	
	7.0	24.2	31.0	25.9	5.4	1.5	.2					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-72,73-79 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.8	2.5	1.4	.1							6.7	8.0
NNE	.1	.4	1.9	1.0	.4	.1						4.0	10.7
NE	.5	1.4	1.0	1.3	.3	.1						4.6	9.2
ENE	.3	.4	.4	.2								1.4	6.8
E	1.0	1.2	1.8	.8								4.7	6.9
ESE	.4	1.8	1.9	.9								5.1	7.2
SE	.4	.5	1.9	.8								3.7	8.4
SSE	.3	1.6	1.5	.9	.2							4.5	8.2
S	.9	1.0	2.8	.8	.8							6.1	8.8
SSW	.4	1.4	2.6	4.5	.9	.5		.1				10.4	12.0
SW	.1	.8	1.6	3.3	1.0	1.1	.1					8.0	14.1
WSW	.2	.8	2.8	4.1	.9	.1						8.8	11.6
W	.8	1.2	3.9	5.8	2.3	.9	.4					15.2	13.0
WNW	.1	.4	1.9	2.3	1.1	.1						5.8	12.7
NW	.1	1.1	1.8	2.6	.1	.4						6.1	11.1
NNW	.3	.9	1.3	1.1	.2							3.8	9.2
VARBL													
CALM												1.2	
	6.9	16.7	31.7	31.5	8.1	3.3	.5	.1				100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 930

7947

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-72,73-79 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 0300-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.5	2.2	1.8	.4							6.8	9.9
NNE	.2	.9	2.3	.9	.3	.2						4.7	10.1
NE	.2	.5	1.1	1.3	.1							3.3	10.1
ENE	.8	.8	1.2	.9								3.8	7.6
E	.9	1.6	1.6	.5								4.6	6.4
ESE	.3	.9	2.0	.3								3.5	7.6
SE	.5	1.3	1.2	.2	.1							3.3	6.8
SSE	.2	1.4	1.3	.5		.1						3.4	7.8
S	.6	1.8	1.9	1.4	.2	.1						6.0	8.6
SSW	.2	1.6	2.4	4.2	1.3	.8	.1					10.5	12.4
SW	.3	.4	1.2	2.9	1.1	.8						6.7	13.9
WSW	.2	1.1	1.2	2.7	.6	.2						6.0	11.8
W	.3	.9	3.2	7.2	1.7	.6	.2					14.2	13.2
WNW	.5	.6	2.3	4.1	1.2	.4						9.1	12.4
NW	.3	1.3	2.3	2.9	.3							7.1	10.2
NNW	.1	1.7	1.4	1.2	.4							4.8	9.1
VARBL													
CALM												2.2	
	6.7	18.3	28.6	32.9	7.8	3.2	.3					100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) ANN (MONTH)

ALL WEATHER (CLASS) 1800-2100 (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	2.2	1.8	1.6	.1							8.0	6.7
NNE	1.0	1.1	1.9	1.1		.1						5.2	8.2
NE	.8	1.7	1.1	1.5								4.8	8.5
ENE	.8	1.0	1.1	.5								3.3	6.9
E	.9	2.9	2.0	.4								6.0	6.3
ESE	.6	1.9	1.6	.1	.1							4.3	5.9
SE	.8	1.8	.3	.1								3.0	4.8
SSE	.8	2.6	.6	.9								4.8	6.6
S	.2	2.7	2.2	.9	.1	.1						6.1	9.0
SSW	.4	1.6	2.7	2.4	.9							8.0	10.2
SW	.6	.9	.3	1.5	.3							3.7	9.3
WSW	.2	.5	1.3	1.3	.1	.3						3.8	11.1
W	.6	1.9	3.0	3.0	.6	.3						9.6	10.3
WNW	.4	1.6	3.8	3.9	.6	.3						10.6	10.6
NW	1.6	.5	2.2	2.3	.3							7.4	8.9
NNW	.5	.6	1.4	1.0	.1							3.7	8.7
VARBL													
CALM												7.7	
	11.0	25.6	27.8	22.4	3.3	1.1						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

7948

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB (STATION NAME) 68-70, 73-79 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

21-23 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.?	1.9	1.1	1.2	.1							5.5	7.1
NNE	1.?	2.7	1.?	.8	.?							6.2	7.1
NE	1.0	2.5	2.?	.4	.1							?.0	6.8
ENE	.6	.9	.?	?								2.9	6.8
E	.6	2.0	1.5	.1								4.3	?.1
ESE	1.1	1.9	1.2	.3								4.5	5.7
SE	.5	1.3	.?	.4								2.6	5.9
SSE	.2	2.3	2.3	.9								5.6	7.1
S	.?	1.4	3.?	.9		.1						5.9	8.5
SSW	.?	1.?	1.7	1.9								5.4	8.9
SW	.?	.8	.6	1.1	.	.?						3.8	9.2
WSW	.5	.9	1.?	1.3	.1							4.0	8.4
W	.8	1.5	2.6	2.0	.	.3						7.4	9.2
WNW	.4	2.0	2.0	1.9	.?							7.2	9.6
NW	.9	1.3	3.1	1.3								6.6	8.0
NNW	.4	.8	1.9	1.1								4.2	9.0
VARBL													
CALM												18.0	
	11.3	25.2	26.8	16.1	2.0	.6						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-72,73-79 (YEARS) MAR (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	1.5	1.9	1.8	1.1	.1							6.4	6.9
NNE	.9	1.5	1.3	1.0	.2	.1						4.9	7.9
NE	.8	1.4	1.3	1.1	.3	.0						4.9	8.4
ENE	.6	.8	.9	.5								2.8	6.9
E	.8	1.7	1.4	.4								4.2	6.3
ESE	.6	1.4	1.3	.3	.0							3.6	6.5
SE	.7	1.2	.9	.3	.1							3.2	6.5
SSE	.7	1.9	1.3	.8	.1	.0						4.7	7.1
S	.8	1.9	2.1	1.2	.2	.1						6.2	8.1
SSW	.5	1.7	2.3	2.6	.5	.2	.0	.0				7.7	10.3
SW	.6	1.2	1.4	2.1	.5	.3	.0					6.8	10.9
WSW	.4	.9	1.7	1.9	.4	.1	.0					5.3	10.3
W	.7	1.6	3.0	3.6	1.0	.4	.1					10.3	11.2
WNW	.4	1.1	2.4	2.3	.6	.1						7.0	10.4
NW	.6	1.1	2.1	1.5	.2	.1						5.5	9.1
NNW	.5	1.2	1.5	.8	.1	.0						4.1	8.1
VARBL													
CALM												13.2	
	10.8	22.1	26.7	21.6	4.1	1.4	.1	.0				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 7439

7969

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 69-70,73-79 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L S T))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.3	1.3	.8								5.2	6.4
NNE	1.3	1.8	.8	.8								4.3	6.5
NE	1.4	2.2	1.4	.3	.1							5.6	5.6
ENE	.7	.6	.8	.3								2.3	6.6
E	1.4	1.3	1.4	.1								4.3	5.4
ESE	1.1	.7	.4	.1								2.2	4.9
SE	.4	1.0	.9									2.3	6.1
SSE	.6	1.6	1.0	.1								3.2	6.0
S	.4	2.1	2.2	.6	.4							5.8	8.1
SSW	.7	2.3	1.8	.8	.1							5.7	7.2
SW	.8	1.7	1.6	.8	.1							4.9	7.1
WSW	.4	1.4	1.2	1.1	.1	.1						4.4	8.6
W	.3	1.4	1.8	2.3	.3		.1	.1				6.4	10.8
WNW	.1	1.1	1.2	1.3	.1	.1						3.9	9.7
NW	.8	1.2	1.7	1.1	.1		.1					5.0	8.3
NNW	.6	1.1	1.4	.7								3.8	7.1
VARBL													
CALM												30.6	
	11.8	23.4	21.0	14.2	1.4	.2	.2	.1				100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13244 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 69-70, 73-79 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.1	.9	.6	.2							5.6	5.9
NNE	1.2	.8	.6	.6								3.1	5.9
NE	.8	1.4	.8	.1								3.1	5.7
ENE	1.7	1.1	1.0	.3								4.1	5.6
E	.9	1.1	1.2	.3	.1							3.7	6.5
ESE	.6	1.1	.4	.1								2.2	5.3
SE	.3	1.0	.7	.1								2.1	5.8
SSE	1.0	1.1	.8	.1								3.0	5.2
S	.8	1.9	2.3	.7	.1							5.7	7.1
SSW	.9	2.4	2.0	.3		.1						5.8	6.4
SW	.6	1.4	1.6	1.0	.1							4.7	7.8
WSW	.4	.8	1.7	1.7	.1		.1					4.6	9.8
W	.9	.7	2.3	1.6	.2	.2						5.9	9.3
WNW	.6	.8	1.7	1.2		.1						4.3	8.8
NW	1.3	1.2	1.8	.8								5.1	6.7
NNW	1.0	1.4	1.1	.8								4.3	6.8
VARBL													
CALM												32.6	
	14.1	20.9	20.8	10.2	.9	.4	.1					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 900

CLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840	WRIGHT-PATTERSON AFB OH	68-70,73-79	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0600-0800
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	1.8	1.9	1.0								6.0	6.8
NNE	1.3	1.9	1.3	.6								5.1	6.5
NE	1.1	1.2	1.2	.2	.?							4.1	6.8
ENE	.9	.7	1.0	.2								3.7	6.3
E	1.1	1.2	1.0	.2								4.4	6.3
ESE	1.0	1.5	.6	.3								2.9	5.5
SE	1.1	.9	.3	.1	.1							2.6	5.4
SSE	1.1	1.6	1.7	.2								4.6	5.8
S	1.7	2.8	2.2	.8	.1							7.6	6.5
SSW	1.3	1.2	1.8	1.3	.1							5.8	7.6
SW	1.9	1.8	1.7	1.1	.1							5.7	7.3
WSW	.6	.6	1.2	1.6	.1	.1	.1					4.2	10.1
W	.1	1.1	2.9	1.4	.3	.1						6.0	10.1
WNW	.3	.9	2.2	1.1	.6							5.1	9.9
NW	.2	.9	.9	.6								2.6	7.7
NNW	.6	1.4	1.3	.3								4.1	6.8
VARBL													
CALM												25.7	
	14.8	20.9	25.4	11.1	1.8	.2	.1					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840	WRIGHT-PATTERSON AFB OH	60-70, 73-79	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.1	2.1	1.7	.7							6.1	8.9
NNE	1.2	1.3	1.7	1.3	.1							5.7	7.6
NE	.3	.9	1.3	1.0		.1						3.7	8.8
ENE	.4	1.1	.8	.2								2.6	6.3
E	.4	2.2	2.7	1.0	.1							6.4	7.8
ESE	.9	1.6	1.6	.6								4.6	6.6
SE	.3	.7	.8	.7								2.4	7.6
SSE	.9	2.1	3.3	.8								7.0	7.0
S	.6	3.2	3.8	1.2	.2	.1						9.1	7.8
SSW	.6	1.9	2.7	2.6	.4	.1						8.2	9.7
SW	.3	1.2	2.1	2.7	.4	.1						6.9	10.7
WSW	.6	1.4	2.4	3.0	.6	.2	.2					8.4	11.0
W	.8	1.1	3.2	4.0	.9	.4	.1					10.6	11.4
WNW	.1	.8	1.6	1.8	.3	.1						4.7	10.9
NW	.1	1.6	1.1	1.4	.3	.2						4.8	10.3
NNW	.2	1.2	1.8	1.2		.1						4.6	8.8
VARBL													
CALM												4.3	
	9.7	23.3	32.0	25.1	3.8	1.6	.3					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 900

7951

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 69-70,73-79 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

1200-1400 (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.2	3.0	1.3	.1							6.6	8.0
NNE	.8	1.3	1.0	.8	.2							3.8	8.0
NE	.8	.7	1.4	.8		.1						3.4	8.8
ENE	.9	1.0	1.4	.1								3.4	6.0
E	.6	1.2	1.3	1.0								4.6	7.7
ESE	.6	1.6	1.1	.4								3.7	6.8
SE	.4	1.2	.8	.7								2.9	6.6
SSE	.5	1.3	1.7	1.4								4.7	8.3
S	.4	1.9	3.3	2.0	.3	.2						8.1	9.1
SSW	.3	1.7	3.4	3.3	.9	.2						9.9	10.8
SW	.2	.9	1.6	3.2	1.1	.3	.1					7.3	12.9
WSW	.2	1.2	2.7	3.7	1.1	.4						9.7	11.6
W	.3	2.3	1.9	3.8	1.2	1.1	.1					11.2	12.0
WNW	.3	1.1	.6	2.0	.9	.6						5.7	12.2
NW	.2	.8	2.4	2.4	.2	.3						6.5	11.2
NNW	.4	1.6	2.9	2.0	.2							7.1	9.2
VARBL													
CALM												1.4	
	8.3	27.4	31.1	29.0	6.1	3.3	.2					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840	WRIGHT-PATTERSON AFB OH	68-70, 73-79	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1500-1700
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	2.0	3.2	1.6								7.4	8.0
NNE	.1	.8	1.2	.8	.4							3.3	9.8
NE		1.0	.8	1.2								3.0	9.3
ENE	.2	1.4	.9	.3								2.9	6.9
E	.4	1.3	1.4	1.0	.1							4.3	7.9
ESE	.3	1.3	1.3	.3	.1							3.4	7.3
SE	.4	.7	.6	.1								2.0	6.6
SSE	.4	1.8	1.3	.9								4.4	7.5
S	.6	1.9	3.0	2.3	.3							8.1	9.0
SSW	.9	1.2	2.0	4.7	1.4	.2						10.4	11.7
SW	.4	.9	1.8	3.2	1.1	.2	.1					7.8	11.9
WSW	.6	1.4	1.7	2.2	1.2	.2						7.1	10.8
W	.2	2.0	2.3	4.4	1.2	.8	.1					10.9	12.3
WNW	.6	1.4	1.9	2.8	1.2	.9	.1					8.9	12.4
NW	.3	1.0	2.0	3.7	.2							7.2	11.0
NNW	.7	1.0	2.4	2.4	.1							6.7	9.1
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	2.0	
	6.9	21.2	28.1	32.0	7.1	2.3	.3					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 900

7952

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 65-70,73-79 (YEARS) | APR (MONTH)

ALL WEATHER (CLASS) | 1800-2000 (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	1.4	3.0	1.9	1.0	.2							7.6	6.7
NNE	.4	1.4	2.1	.6	.2							4.8	8.0
NE	.4	1.7	1.8	.4								4.3	6.8
ENE	1.0	1.8	1.2	.2								4.2	5.7
E	1.0	2.6	.9	.2								4.7	5.3
ESE	.9	1.2	.8	.2								3.1	5.7
SE	.8	.9	.4	.4								2.6	5.9
SSE	1.0	2.0	1.1	.1								4.2	5.6
S	.9	2.4	3.2	1.1	.1							7.8	7.5
SSW	.7	2.4	2.3	2.2	.6	.1						8.3	9.3
SW	.9	1.3	1.6	2.2	.2							6.2	9.1
WSW	.2	1.8	1.6	1.7	.1							5.3	8.6
W	.6	1.8	3.0	2.7	.4	.2						8.7	9.9
WNW	.4	.9	2.1	2.7	.9	.1						7.1	11.0
NW	.8	2.0	1.9	1.8	.4	.1						7.0	9.0
NNW	.7	2.6	3.0	.8	.2	.1						7.3	7.6
VARBL													
CALM												6.8	
	12.1	29.8	28.9	18.3	3.4	.7						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 900

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

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
13840	WRIGHT-PATTERSON AFB OH	68-70,73-79	APR

CLASS: ALL WEATHER
HOURS (L.S.T.): 2100-2300
CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.3	1.1	1.2								5.3	6.9
NNE	1.7	1.6	1.2	.8								5.2	6.3
NE	.2	2.9	2.1	.9								6.1	6.9
ENE	1.9	1.4	1.1	.1								3.7	5.2
E	1.7	1.0	.8	.2								3.7	4.7
ESE	1.0	1.0	.6	.1								2.7	4.6
SE	1.1	1.3	1.1									3.6	5.4
SSE	.4	2.0	1.1									3.6	5.8
S	.7	3.0	2.3	.6	.3							6.9	7.1
SSW	1.1	2.0	1.3	1.1	.2	.1						5.9	7.6
SW	2.8	3.1	.8	.8	.1	.1						7.7	5.4
WSW	.7	1.9	1.0	.4	.1							4.1	6.8
W	.2	1.6	2.0	2.2	.4							6.4	9.8
WNW	1.0	1.2	1.8	1.1	.3	.1						5.6	8.4
NW	.7	.9	2.4	1.0	.1							5.1	8.2
NNW	.1	.4	1.2	1.2	.1							3.1	9.7
VARBL													
CALM												21.4	
	15.0	27.7	22.0	11.8	1.8	.3						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 900

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

7953

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840	WRIGHT-PATTERSON AFB OH	68-70,73-79	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

ALL — HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.0	1.9	1.1	.1							6.2	7.3
NNE	1.0	1.3	1.2	.8	.1							4.4	7.2
NE	.6	1.5	1.4	.6	.1	.0						4.2	7.3
ENE	.8	1.1	1.1	.2								3.4	6.0
E	.9	1.5	1.5	.5	.1							4.5	6.6
ESE	.8	1.2	.8	.3	.0							3.1	6.0
SE	.6	1.0	.7	.3	.0							2.6	6.1
SSE	.8	1.6	1.5	.5								4.3	6.6
S	.8	2.4	2.8	1.2	.2	.0						7.4	7.8
SSW	.8	1.9	2.2	2.0	.5	.1						7.5	9.2
SW	.9	1.5	1.6	1.9	.4	.1	.0					6.4	9.2
WSW	.5	1.3	1.7	1.9	.4	.1	.1					6.0	10.1
W	.5	1.5	2.4	2.8	.6	.4	.1	.0				8.3	10.9
WNW	.4	1.0	1.7	1.8	.5	.3	.0					5.7	10.7
NW	.6	1.2	1.8	1.6	.2	.1	.0					5.4	9.3
NNW	.5	1.3	2.0	1.2	.1	.0						5.1	8.2
VARBL													
CALM												15.6	
	11.5	23.4	26.3	18.6	3.3	1.1	.2	.0				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 7199

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13940 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 69-70,73-79 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.2	1.1	.6								5.4	5.5
NNE	1.3	1.4	.1	.2								3.0	4.2
NE	2.4	1.5	.5	.1								4.5	3.9
ENE	1.3	1.2	.3	.1								2.9	4.2
E	.9	1.3	.1									2.3	3.9
ESE	1.0	1.0	.6									2.6	4.7
SE	.5	.4	.9									1.8	5.4
SSE	1.2	1.6	.5	.2								3.5	4.8
S	2.2	3.7	1.0	.6	.1							7.5	5.3
SSW	2.7	3.1	1.3	.2	.1							7.4	4.8
SW	1.8	1.7	.9	.9								5.3	5.9
WSW	1.0	1.7	.8	.1								3.5	5.0
W	1.3	2.3	1.4	.3								5.3	5.7
WNW	.4	.5	.6	.4	.1							2.2	7.7
NW	.8	.6	.6	.1								2.2	5.6
NNW	1.2	1.3	1.3	.4								4.2	5.9
VARBL													
CALM												36.5	
	21.3	25.5	12.0	4.4	.3							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 930

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

7954

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13c4C — STATION
..RIGHT-PATTERSON AFB OH — STATION NAME
68-7.,73-79 — YEARS
MAY — MONTH
ALL WEATHER — CLASS
30C-05C0 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	2.5	1.2	.6	.1							6.9	5.7
NNE	1.4	.9	.2	.1								2.6	3.8
NE	2.5	.6										3.1	2.7
ENE	1.2	.5	.2									1.9	3.6
E	1.5	1.3	.6									3.4	4.4
ESE	.3	1.0	.6									1.9	5.4
SE	.9	1.3	.3									2.5	4.3
SSE	1.6	.9	.3	.1								2.9	4.0
S	2.3	1.7	.8	.3	.1							5.2	5.0
SSW	1.8	2.7	1.7	.6		.1						7.0	6.1
SW	1.6	2.4	1.7	.4								6.1	5.9
WSW	1.7	1.6	1.6	.2								5.2	5.3
W	.3	2.0	.8	.2								3.3	6.0
WNW	1.1	.6	.5	.6								2.9	6.2
NW	.9	.6	.5	.1								2.2	5.1
NNW	.9	1.2	.5									2.6	5.0
VARBL													
CALM												40.3	
	22.4	21.8	11.7	3.4	.2	.1						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 78-79 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	2.4	2.3	.9								7.7	6.2
NNE	1.2	1.2	.3									2.7	3.9
NE	1.9	1.4	1.0	.2								4.5	4.7
ENE	1.4	1.4	.4									3.2	4.1
E	1.0	2.0	.6	.1								3.8	5.2
ESE	.4	1.3	.6	.1								2.6	5.9
SE	.8	1.2	1.0	.2								3.1	6.0
SSE	1.9	1.2	.6									3.8	4.1
S	1.7	4.0	1.1	.3								7.1	5.1
SSW	2.8	2.6	2.3	1.1	.1							8.8	6.3
SW	1.6	2.0	1.5	1.1								6.2	6.5
WSW	1.5	2.0	1.9	.1								5.6	5.7
W	.6	2.4	1.5	.8								5.3	6.9
WNW	.5	.6	.8	.2								2.2	6.4
NW	1.2	1.0	.6	.4								3.2	5.7
NNW	.6	1.1	1.2	.1								3.0	5.9
VARBL													
CALM												27.2	
	21.5	27.7	17.8	5.6	.1							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 930

7955

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1.340	WRIGHT-PATTERSON AFB OH	60-70,73-79	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.5	3.8	1.2	.2							7.7	7.9
NNE	.9	1.4	.9	.5								3.7	6.3
NE	.4	.6	.9	.1								2.0	5.8
ENE	1.1	1.3	.8	.3								3.4	5.4
E	1.2	2.7	1.6	.8								6.2	6.1
ESE	.8	2.3	1.2	.6	.1							4.9	6.7
SE	.9	1.0	1.2									2.9	5.6
SSE	.5	1.5	1.5	.2								3.7	6.1
S	.8	2.4	2.9	.5	.1							6.5	7.2
SSW	.5	1.7	3.2	2.0	.3							8.0	8.9
SW	.6	1.6	3.9	2.6	.6	.2						9.6	9.9
WSW	.8	3.0	4.6	1.8	.3							10.5	8.3
W	1.1	2.5	3.4	2.5	..							9.7	8.3
WNW	.6	1.1	1.9	1.0	.1							4.	8.1
NW	.5	1.7	1.8	.6	.1							4.9	.
NNW	1.5	3.2	1.3	.5								.6	.6
VARBL													
CALM												4..	
	13.2	29.4	34.8	15.6	2.2	.2						1 ..	7.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1[illegible]	WRIGHT-PATTERSON AFB OH	5[illegible]-73-79	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.[illegible]	2.4	1.0	.[illegible]							6.8	7.9
NNE	.8	2.4	.9	.4								4.4	6.1
NE		.9	1.[illegible]	.1								1.9	7.2
ENE	.9	1.2	.5	.1								2.6	5.3
E	1.4	1.8	.6	.8								4.0	6.[illegible]
ESE	.4	1.1	1.3	.2								3.0	6.5
SE	.6	1.2	.[illegible]	.2								2.6	5.9
SSE	.4	1.3	1.7	.4								3.9	7.1
S	.5	2.[illegible]	3.1	.3	.2							6.2	7.6
SSW	1.[illegible]	1.3	4.0	4.1	.6	.2						11.2	10.4
SW	.6	1.5	3.7	3.0	.6	.6						10.1	10.8
WSW	1.2	2.9	2.8	3.8	.1							10.6	8.6
W	.5	2.0	4.2	2.9	1.0							11.6	9.5
WNW	.9	1.9	2.4	1.1	.3	.1						6.6	8.1
NW	.3	1.7	1.9	1.0	.1							5.1	8.1
NNW	1.0	2.4	2.3	.4	.1							6.1	6.7
VARBL													
CALM												2.7	
	11.4	29.5	33.2	19.9	3.4	1.0						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 930

7056

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 69-70,73-79 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.5	2.5	1.1								6.5	6.9
NNE	1.3	.4	1.7	.6								4.1	6.7
NE	.9	.9	1.2									2.3	5.6
ENE	1.3	1.4	1.0									3.7	4.9
E	1.0	2.0	.6	.6								4.3	6.2
ESE	.5	1.0	1.2	.1								2.8	6.2
SE	.4	.4	1.2	.2								2.3	7.3
SSE	.3	1.3	1.4	.3								3.3	7.0
S	.9	1.5	2.2	1.3								5.8	7.7
SSW	.4	1.6	3.4	3.1	.3	.5						9.9	10.6
SW	.3	1.8	2.6	3.0	.3	.2						8.6	10.8
WSW	.4	1.3	3.9	2.9	.1							8.6	9.5
W	1.2	3.1	3.8	3.1	.6	.2	.1					13.2	9.3
WNW	1.0	1.4	2.0	2.7	.6							8.6	9.4
NW	.3	1.2	1.8	1.4	.1							6.2	7.9
NNW	1.1	1.5	1.7	1.7	.1							6.1	8.2
VARBL													
CALM												3.5	
	12.5	24.1	32.6	23.1	3.1	1.0	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13743 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-76,73-79 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	3.3	1.7	.8								8.2	5.5
NNE	.9	.4	1.8	.6								3.8	7.1
NE	1.2		1.0	.1								3.7	5.3
ENE	.9	1.7	.3	.1								3.0	4.5
E	1.7	1.9	.5									4.1	4.4
ESE	1.6	.9	.5	.1								3.1	4.3
SE	.9	1.0	.9	.2								2.9	6.0
SSE	1.2	1.4	.6	.2								3.4	4.9
S	.8	3.5	2.5	.5								7.3	6.4
SSW	1.4	2.8	3.8	1.8	.1							9.9	7.5
SW	1.6	2.8	1.9	1.4	.2	.1						8.1	7.4
WSW	1.1	2.7	2.5	.9		.1						7.2	7.3
W	1.6	2.9	2.5	1.3	.2							8.5	7.0
WNW	1.2	1.8	1.4	1.4								5.8	7.2
NW	.4	1.0	2.4	1.0	.3							5.1	8.7
NNW	1.3	2.3	2.9	1.2	.1							7.5	7.5
VARBL													
CALM												8.5	
	19.9	31.6	27.2	11.6	1.3	.2						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1[illegible]40	WRIGHT-PATTERSON AFB OH	68-70,73-79	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

2100-2300 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	1.7	.3	.4								4.8	4.6
NNE	1.8	1.1	.5	.2								3.7	4.7
NE	1.2	2.2	1.1	.2								4.6	5.[illegible]
ENE	.8	.8	1.[illegible]	.1								2.6	5.6
E	1.[illegible]	1.6	.3	.2								3.1	5.[illegible]
ESE	.5	.8	.[illegible]									1.8	4.7
SE	1.[illegible]	1.6	.6									3.2	4.5
SSE	1.1	1.5	1.1	.2								3.9	5.6
S	1.4	2.6	1.7	.3								6.0	5.7
SSW	1.7	4.3	1.8	.8								8.6	5.8
SW	3.3	2.9	.9	.5								7.6	4.4
WSW	1.6	1.5	1.2	.1								4.4	4.8
W	1.9	2.3	1.[illegible]	.1		.1						5.4	4.9
WNW	.6	1.7	1.4	.9								4.6	7.1
NW	.4	1.2	.9	.1								2.6	6.1
NNW	1.0	1.2	2.2	.2								4.5	6.5
VARBL													
CALM												23.5	
	21.7	28.8	16.5	4.4		.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 — STATION
WRIGHT-PATTERSON AFB OH — STATION NAME
68-70,73-79 — YEARS
MAY — 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	1.7	2.3	1.8	.8	.1							6.7	6.3
NNE	1.2	1.1	.8	.3								3.5	5.6
NE	1.3	1.2	.6	.1								3.4	4.9
ENE	1.1	1.2	.6	.1								2.9	4.7
E	1.2	1.8	.6	.3								4.0	5.3
ESE	.7	1.1	.8	.1	.0							2.8	5.7
SE	.7	1.0	.8	.1								2.7	5.6
SSE	1.0	1.3	1.0	.2								3.6	5.5
S	1.3	2.7	1.9	.6	.1							6.5	6.2
SSW	1.6	2.[illegible]	2.7	1.7	.3	.1						8.8	7.8
SW	1.[illegible]	2.[illegible]	2.1	1.7	.3	.1						7.8	8.1
WSW	1.2	2.[illegible]	2.4	1.2	.1	.0						7.0	7.4
W	1.1	2.6	2.3	1.4	.3	.0	.0					7.6	7.8
WNW	.8	1.2	1.5	1.0	.1	.0						4.7	7.9
NW	.7	1.2	1.3	.6	.1							3.9	7.3
NNW	1.1	1.7	1.7	.6	.0							5.1	6.7
VARBL													
CALM												19.0	
	18.0	27.2	23.2	11.0	1.3	.3	.0					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 7440

7558

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13940 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 69-70,73-79 (YEARS) | JUN (MONTH)

L WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.6	.7	.2								3.7	5.1
NNE	.7	1.1	.9	.3								3.0	6.4
NE	1.2	1.8	.4	.4								3.9	5.3
ENE	1.7	.9	.3									2.9	3.5
E	1.1	.3	.3	.1								1.9	4.3
ESE	.6	.9										1.4	3.5
SE	.9	.3	.6	.1								1.9	5.2
SSE	1.9	1.3	1.0									4.2	4.3
S	3.4	2.9	1.6	.1								8.0	4.5
SSW	4.4	4.9	1.7	.4	.3							11.6	4.8
SW	3.2	3.0	2.4	.2								8.9	5.0
WSW	1.3	1.6	1.0	.3								4.2	5.4
W	.9	.9	.7	.3								2.8	6.1
WNW	.7	1.9	.6	.1	.1							2.4	5.8
NW	.1	.3	.2	.2								.9	7.5
NNW	.8	.6	.3	.1			.1					1.9	6.5
VARBL													
CALM												36.4	
	24.1	23.4	12.7	3.1	.2		.1					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70, 73-79 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 0300-0500 (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	1.4	.9	.6									2.9	4.0
NNE	2.1	.9	.9	.3								4.1	4.9
NE	1.3	.9	.8									3.0	4.7
ENE	1.4	.3	.1									1.8	3.6
E	.9	.4	.1									1.4	3.5
ESE	1.6	.6	.1									2.2	3.1
SE	1.4	.3	.4									2.2	3.8
SSE	1.7	1.2	.4									3.3	3.8
S	2.3	2.2	1.0	.6								6.1	5.0
SSW	3.1	5.2	2.1									10.4	4.7
SW	2.4	3.0	2.3	.7								8.4	5.5
WSW	.7	1.7	1.7	.1								4.1	6.0
W	.6	1.0	.7	.2								2.4	6.0
WNW	.7	.4		.1								1.2	4.0
NW	.1	1.1	.1	.1								1.4	6.3
NNW	.3	1.1	.4	.2								2.1	6.5
VARBL													
CALM												42.1	
	22.1	21.7	11.8	2.3								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 900

1955

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) | WRIGHT-PATTERSON AFB CH (STATION NAME) | 68-70, 73-79 (YEARS) | JUN (MONTH)

ALL WEATHER (CLASS) | 0600-0800 (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	1.9	1.2	1.0	.1								4.2	4.9
NNE	1.9	1.2	1.0	.3								4.4	5.3
NE	1.3	2.1	1.6	.1								5.1	5.4
ENE	.9	.7	.3									1.9	4.4
E	.6	.9	.4									2.2	5.3
ESE	.7	.8	.1									1.6	4.0
SE	.7	.4	.4									1.8	4.3
SSE	1.4	2.7	.8									4.9	4.6
S	2.8	3.6	1.7	.6								8.6	5.1
SSW	3.1	4.8	2.4	1.0	.1							11.4	5.8
SW	1.9	2.6	2.3	1.2								8.0	6.8
WSW	.7	2.9	2.6	.8								6.9	7.0
W	.6	1.4	1.3	.7								4.0	6.9
WNW	.6	.7	.6	.2								2.0	6.2
NW	.7	.7	.6	.3								2.2	6.0
NNW	.8	.8	.8									2.3	5.2
VARBL													
CALM												28.7	
	20.7	27.3	17.9	5.3	.1							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1284	WRIGHT-PATTERSON AFB OH	68-70, 73-79	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0900-1100
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	1.0	1.8	1.9	1.0	.1							5.8	7.3
NNE	.4	1.3	1.2	.4								3.4	6.9
NE	.8	.8	1.4	.3								3.3	6.9
ENE	.2	1.3	1.8									3.9	6.3
E	.4	1.2	1.3	.2								3.2	6.8
ESE	.4	1.3	.3	.2								2.3	5.5
SE	.6	.9	.7	.2								2.3	5.9
SSE	.8	1.6	.7	.3								3.3	5.6
S	.9	2.7	3.1	.8	.2							7.7	7.4
SSW	1.4	2.2	4.4	2.6								10.7	8.1
SW	.4	2.4	4.2	3.2	.5							10.7	9.1
WSW	1.9	3.2	7.2	3.3	.1							15.8	8.4
W	1.4	2.9	3.3	2.6								10.2	8.1
WNW	.4	1.3	1.7	.7								4.1	7.4
NW	.2	1.1	1.3	.7								3.3	7.7
NNW	.8	2.0	1.6	.3	.1							4.8	6.6
VARBL													
CALM												5.1	
	12.8	28.1	36.2	16.9	.0							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840	WRIGHT-PATTERSON AFB OH	68-70, 73-79	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

1200-1400 — 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	Σ	MEAN WIND SPEED
N	.3	2.3	3.1	.9								6.7	7.7
NNE	.7	1.7	1.7	1.1								5.1	7.5
NE	.2	.1	1.[illegible]	.3								1.7	8.7
ENE	.2	1.3	1.8	.1								3.4	7.1
E	.5	.7	.9	.4								2.6	6.9
ESE	.3	.8	.7									1.8	5.8
SE		.6	.8		.1							1.4	7.8
SSE	.6	.9	.7	.1								2.2	5.6
S	.6	3.1	3.[illegible]	2.1	.3							9.1	8.4
SSW	.1	2.1	4.1	3.2	.4	.1						10.1	9.9
SW	.2	1.4	4.1	3.6	.8							10.1	10.4
WSW	.4	1.9	4.9	3.9	.9							12.3	10.2
W	.8	2.9	5.9	4.3	.6							14.4	9.5
WNW	.6	1.8	2.7	1.3	.2							6.6	8.1
NW	.4	1.7	1.4	1.0	.1							4.7	7.9
NNW	.3	1.3	2.1	1.1								4.9	7.9
VARBL													
CALM												2.9	
	6.7	24.6	38.8	23.6	3.4	.1						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1384J (STATION) WRIGHT-PATTERSON -B OH (STATION NAME) 69-73,77-79 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 15?0-17?? (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	3.1	2.9	1.4								8.5	7.4
NNE	.9	1.3	2.6	.8	.1							6.1	7.1
NE	.3	1.4	1.3	.4								3.6	7.2
ENE	.1	.9	.6	.1								1.?	6.1
E	.6	.8	1.2	.2								2.8	6.9
ESE	.7	.4	.4									1.6	4.5
SE	.4	.2	.1	.1								.?	5.6
SSE	.6	1.0	.8	.2								2.8	6.0
S	.?	1.7	3.2	2.2								7.?	8.9
SSW	.?	3.0	4.6	4.0	.6	.1						13.1	9.3
SW	.3	1.4	5.2	3.4	.4							10.9	9.9
WSW	.7	2.8	4.6	5.2	.6	.4						14.2	10.1
W	.7	1.3	4.2	2.7	.9	.2						10.0	10.1
WNW	.4	.9	2.4	1.7	.3							5.?	9.5
NW	.6	1.1	1.6	.9	.3							4.4	8.9
NNW	.8	2.2	1.4	.3	.1							4.9	6.5
VARBL													
CALM												1.3	
	9.6	24.1	37.1	23.8	3.3	.8						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 900

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

T-957

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13640 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (YEARS) | JUN (MONTH)

ALL WEATHER (CLASS)

1800-2000 (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	3.6	1.6	.7								7.1	5.8
NNE	.7	1.6	1.8	1.2								5.2	7.6
NE	1.1	2.4	1.1	.1								4.8	5.4
ENE	.8	1.1	.8									2.7	5.1
E	.8	1.1	.1	.1								2.1	4.6
ESE	.3	.8	.1									1.2	4.7
SE	.7	.8	.1	.1								1.7	4.3
SSE	.8	1.4	1.1	.3								3.4	6.3
S	1.7	4.1	3.7	1.2								10.7	6.3
SSW	1.3	4.2	3.8	1.8	.1							11.3	7.2
SW	1.3	3.4	4.1	1.8	.1							10.8	7.6
WSW	1.4	2.4	2.7	1.9	.3							8.8	8.1
W	2.4	3.0	2.6	1.1	.2	.1						9.4	6.7
WNW	.7	1.1	1.1	1.0	.1							4.0	8.0
NW	.8	.7	1.0	.9	.1							3.4	8.2
NNW	1.6	1.6	1.9	.7								5.7	6.6
VARBL													
CALM												7.7	
	17.4	33.3	27.6	12.9	1.0	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13641 (STATION) WRIGHT-PATTERSON FB OH (STATION NAME) 68-70,73-79 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	2.7	.7	.2	.1							5.6	5.1
NNE	2.0	.9	.9	.1								3.9	4.7
NE	1.3	2.1	1.3	.2								4.7	5.3
ENE	.7	.9	.2									1.8	4.3
E	1.2	1.4	.4	.1								3.2	4.4
ESE	.8	.8	.3									1.9	4.6
SE	.2	.7	.4									1.3	5.4
SSE	1.6	2.6	1.2	.2								5.6	5.0
S	2.0	3.8	3.1	.1	.1							9.1	5.7
SSW	2.8	4.7	1.9	.6								9.9	5.1
SW	5.0	3.2	1.8	.7								10.7	4.7
WSW	1.1	2.0	1.3	.2								4.7	5.7
W	1.1	.7	1.4	.8	.1							4.1	7.5
WNW	.3	.7	.3	.3	.1							1.8	7.4
NW	.2	.9	.2									1.3	5.1
NNW	.4	1.0	.9	.2								2.6	6.6
VARBL													
CALM												28.0	
	22.7	28.9	16.2	3.8	.4							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 900

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

1962

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MA

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON FB OH (STATION NAME) 68-70,73-79 (YEARS) JUN (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	2.1	1.5	.6	.1							5.6	6.2
NNE	1.2	1.7	1.4	.6	.1							4.4	6.4
NE	1.1	1.5	1.1	.3								3.8	5.8
ENE	.8	1.0	.7	.0								2.6	5.2
E	.8	.9	.6	.2								2.4	5.4
ESE	.7	.8	.3	.0								1.8	4.5
SE	.6	.5	.4	.1	.1							1.7	5.1
SSE	1.1	1.6	.8	.2								3.7	5.0
S	1.8	3.0	2.5	1.0	.1							8.4	6.5
SSW	2.2	3.9	3.1	1.7	.2	.0						11.1	6.9
SW	1.9	2.6	3.3	1.8	.2							9.8	7.5
WSW	1.1	2.3	3.2	2.6	.2	.1						8.9	8.4
W	1.1	1.8	2.5	1.6	.2	.0						7.2	8.2
WNW	.5	1.0	1.2	.7	.1							3.5	7.7
NW	.4	.9	.8	.5	.1							2.7	7.6
NNW	.7	1.3	1.2	.4	.0		.0					3.6	6.7
VARBL													
CALM												19.0	
	17.0	26.4	24.8	11.5	1.2	.1	.0					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 7195

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) | WRIGHT-PATTERSON FB OH (STATION NAME) | 68-76,73-79 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS) | 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	1.6	.3	.1								4.4	3.9
NNE	1.5	.6	.1									2.3	3.0
NE	1.8	.9	.2									2.9	3.3
ENE	1.3	.8	.2									2.3	3.6
E	.9	.1										1.0	2.2
ESE	.4	.1										.5	2.6
SE	.3	.3										.6	3.3
SSE	1.9	.5										2.5	2.6
S	2.6	2.5		.1								5.2	3.8
SSW	4.1	3.3	.4	.1								8.0	3.6
SW	2.4	3.0	.9	.1								6.3	4.4
WSW	2.2	2.0	1.6	.2								6.0	5.1
W	.8	1.2	1.5									3.4	5.7
WNW	.6	.4	.4									1.5	4.8
NW	.2	.5	.1									.9	4.9
NNW	.2	1.1	.3									1.6	4.9
VARBL													
CALM												50.6	
	23.5	19.0	6.1	.6								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840	WRIGHT-PATTERSON AFB OH	68-70,74-79		JUL
STATION	STATION NAME	YEARS		MONTH

ALL WEATHER (CLASS)

0300-0500 (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	2.0	.3									3.7	4.2
NNE	2.6	1.0	.2									3.8	2.9
NE	2.0	.5										2.6	2.6
ENE	.8	.4	.2									1.4	4.2
E	.6	.3										1.0	2.8
ESE	.2	.3										.5	4.0
SE	.5	.1										.6	2.2
SSE	1.6	.6	.1									2.4	3.4
S	4.1	1.8	.1									6.1	3.1
SSW	2.3	2.2	.5									4.9	3.9
SW	2.2	1.9	.3	.2								4.6	4.3
WSW	1.2	1.3	1.8									4.3	5.5
W	1.0	1.8	1.1	.1								4.0	5.1
WNW	.5	1.2	.1	.1								1.9	4.9
NW	.4		.1									.5	3.6
NNW	.2	.9	.4	.1								1.6	5.5
VARBL													
CALM												56.0	
	21.5	16.6	5.4	.5								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1[illegible]40	WRIGHT-PATTERSON [illegible]B OH	6[illegible]-7[illegible],73-79	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

600-0600
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	.2	.6	.2								4.3	4.8
NNE	2.1	.6	.1									4.2	3.2
NE	2.[illegible]	.4	.4									4.[illegible]	3.3
ENE	1.[illegible]	.[illegible]	.[illegible]									2.[illegible]	4.4
E	[illegible]	.0	.2									2.0	4.0
ESE	.[illegible]	1.0	.2									1.[illegible]	4.1
SE	.[illegible]	.3	.[illegible]									1.2	4.1
SSE	.3	.9	[illegible]									3.1	2.8
S	.1	3.9	[illegible]									6.6	5.6
SSW	1.8	2.9	[illegible]									6.5	5.1
SW	1.9	2.4	[illegible]	.5								6.6	5.[illegible]
WSW	1.5	1.7	[illegible]	.3								5.1	5.[illegible]
W	2.4	1.4	[illegible]	.1								5.2	4.7
WNW	.[illegible]	.8	[illegible]									1.6	5.9
NW	1.2	1.1	[illegible]	.2								3.0	5.0
NNW	.4	.4	[illegible]									1.8	4.2
VARBL													
CALM												39.9	
	[illegible].9	23.4	.2	1.4								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 930

7964

USAFETAC FORM [illegible]-3-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840	WRIGHT-PATTERSON AFB OH	68-70,73-75	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

0900-1100 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	2.4	.9	.3								5.8	5.0
NNE	1.4	2.2	1.0									4.5	4.8
NE	1.3	1.5	.6									3.4	4.5
ENE	1.1	1.7	.8	.3								3.9	5.5
E	1.9	2.7	.9	.1								5.5	4.5
ESE	1.3	1.4	.5	.1								3.3	4.6
SE	1.0	1.4	.2									2.6	4.0
SSE	.9	1.8	.1									2.8	4.0
S	1.6	2.5	.6	.1								4.9	4.7
SSW	1.4	2.9	2.2	.3								6.8	5.7
SW	1.2	2.6	3.1	1.0	.1							8.0	7.1
WSW	1.2	3.3	4.8	1.2								10.5	7.2
W	2.2	5.1	4.2	1.3	.1							12.8	5.5
WNW	.9	2.0	1.5	.2								4.6	6.1
NW	.6	1.1	.9	.3								2.9	6.3
NNW	1.3	2.3	2.0	.4								6.3	5.8
VARBL													
CALM												11.4	
	21.6	36.8	24.4	5.6	.2							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70, 73-79 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	2.9	2.7	.4								7.8	6.0
NNE	1.9	1.9	1.3	.1								3.9	5.3
NE	1.0	1.2	1.0	.2								3.3	5.8
ENE	1.2	.9	.9	.1								3.0	5.0
E	2.0	1.4	.3	.1								3.9	3.9
ESE	.3	1.1	1.0	.1								2.5	6.0
SE	.5	1.0	.1	.1								1.7	4.8
SSE	1.1	2.3	.3									3.7	4.4
S	1.4	2.9	2.0									6.3	5.4
SSW	1.1	2.4	1.5	1.0	.1							6.0	6.8
SW	1.0	2.7	2.2	2.4	.1							8.3	7.9
WSW	.6	2.8	5.2	2.8								11.4	8.7
W	.2	4.0	5.4	2.7	.1							13.3	8.0
WNW	1.1	3.1	2.4	1.1	.?							7.8	7.2
NW	.?	1.1	2.0	.2								4.2	6.4
NNW	1.2	3.7	1.8	.9								7.5	6.2
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	5.3	
	17.8	34.2	30.0	12.2	.5							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

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

7965

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 — STATION
WRIGHT-PATTERSON AFB OH — STATION NAME
68-76,73-79 — YEARS
JUL — MONTH

ALL WEATHER — CLASS
1600-1700 — 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	1.9	3.7	4.1	.5								9.8	6.4
NNE	1.6	1.8	1.1	.1								4.6	5.2
NE	1.6	1.9	1.0	.1								4.6	5.0
ENE	1.1	1.8	.6	.3								3.9	5.5
E	1.1	1.5	.6	.1								3.3	5.1
ESE	.3	1.2	.4									1.9	4.8
SE	.5	.5	.6									1.7	5.1
SSE	.8	.8	.9									2.4	5.4
S	1.0	2.9	1.8	.2	.1							6.0	5.9
SSW	.5	2.3	3.5	1.1								7.4	7.5
SW	.5	2.3	1.8	2.6	.3							7.5	9.1
WSW	1.3	2.4	3.9	2.5	.3							10.3	8.5
W	2.0	3.3	5.3	3.5	.1			.1				14.4	8.3
WNW	1.0	1.7	2.2	1.0	.1							5.9	7.4
NW	.5	1.9	1.4	.3		.1						4.3	6.8
NNW	.9	4.0	1.6	.8								7.2	6.2
VARBL													
CALM												4.6	
	16.2	34.0	30.9	13.1	1.0	.1		.1				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13364 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-79 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1800-2000 (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	3.3	3.9	2.0	.2								9.5	4.8
NNE	1.0	1.9	1.0	.1								4.0	5.1
NE	1.8	2.4	1.3	.2								5.7	5.0
ENE	1.4	1.7	.3	.2								3.7	4.6
E	1.4	1.7	.2	.2								3.5	4.5
ESE	.6	2.0	.2									2.9	4.4
SE	.6	.8	.3									1.7	4.2
SSE	1.2	2.3	.5	.1								4.1	4.2
S	1.3	4.9	1.8									8.1	5.1
SSW	1.7	3.9	2.8	.4								8.4	5.7
SW	2.2	2.4	2.2	1.2								7.8	6.3
WSW	1.5	3.0	3.0	.6	.1							8.3	6.4
W	2.2	3.8	4.0	1.2	.1							11.2	6.6
WNW	1.6	1.4	1.0	.2								4.2	5.3
NW	.7	1.4	.3	.4								2.4	6.6
NNW	1.5	1.9	1.2	.1	.1							4.8	5.4
VARBL													
CALM												9.8	
	23.5	39.4	21.7	5.3	.3							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 930

7966

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840	WRIGHT-PATTERSON B OH	68-70, 73-79	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

2100-2300 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.5	.3									2.9	4.1
NNE	1.6	.5	.4									2.6	3.7
NE	1.7	1.6	.6	.1								4.1	4.3
ENE	1.5	.9										2.4	3.3
E	1.7	.8										2.5	2.7
ESE	1.1	.4										1.5	2.9
SE	.5	.6	.1									1.3	3.7
SSE	1.5	2.0	.3									3.9	3.8
S	2.2	2.9	.5									5.6	4.2
SSW	3.3	4.4	.8									8.5	4.0
SW	3.0	3.2	.9	.3								7.4	4.4
WSW	2.0	3.2	.6	.1								6.0	4.4
W	1.6	1.5	.8	.1								4.0	4.5
WNW	.9	.8	.3	.1								2.0	4.6
NW	.9	.5										1.4	3.2
NNW	.4	1.7	.9									3.0	5.1
VARBL													
CALM												41.0	
	25.1	26.7	6.6	.8								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70, 73-79 (YEARS) | JUL (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	1.9	2.5	1.4	.2								6.1	5.2
NNE	1.7	1.3	.6	.0								3.7	4.3
NE	1.8	1.4	.6	.1								3.9	4.3
ENE	1.2	1.1	.4	.1								2.8	4.7
E	1.3	1.2	.3	.1								2.8	4.0
ESE	.6	.9	.3	.0								1.9	4.5
SE	.6	.7	.2	.0								1.4	4.1
SSE	1.4	1.4	.3	.0								3.1	3.8
S	2.2	2.9	.9	.1	.0							6.1	4.5
SSW	2.0	3.0	1.6	.4	.0							7.1	5.3
SW	1.8	2.6	1.6	1.0	.1							7.1	6.3
WSW	1.4	2.5	2.6	1.0	.1							7.7	6.9
W	1.7	2.8	2.9	1.1	.1			.0				8.5	6.8
WNW	.8	1.4	1.1	.3	.1							3.7	6.3
NW	.6	1.0	.7	.2		.0						2.8	5.9
NNW	.8	2.1	1.0	.3	.0							4.2	5.7
VARBL													
CALM												27.3	
	21.8	28.7	16.9	4.9	.3	.0		.0				100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 7440

1957

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1?649	WRIGHT-PATTERSON AFB OH	68-70, 73-79	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0000-0200
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	4.2	3.1	.6									7.9	3.5
NNE	3.3	1.7	.1									5.2	3.1
NE	2.2	.3	.2									2.7	2.8
ENE	1.4	.2										1.6	2.3
E	.6			.3								1.0	5.6
ESE	.3											.3	2.0
SE	1.0	.4	.2									1.6	3.6
SSE	1.3	.6	.3									2.3	3.8
S	2.7	2.3	.3									5.2	3.9
SSW	3.1	2.7	.5									6.4	3.7
SW	1.9	1.7	.5									4.2	4.1
WSW	1.2	1.2	.6	.1								3.1	4.7
W	.8	.9	.9	.2								2.7	6.0
WNW	.5	.1	.2	.1								1.0	5.6
NW	.1											.1	1.0
NNW	.3	.6	.8									1.7	6.0
VARBL													
CALM												53.2	
	25.0	15.7	5.4	.8								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 69-70,73-79 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0300-0500 (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	4.4	2.6	1.1									8.1	3.8
NNE	3.3	.9	.1									4.3	2.8
NE	2.4	.8	.1									3.2	2.8
ENE	.8	.1										.9	2.5
E	.5	.1	.2	.1								1.0	4.9
ESE	.5	.1										.6	2.3
SE	.6	.4	.1									1.2	3.3
SSE	1.9	1.1	.1	.1								3.2	3.4
S	3.3	2.2	.1									5.6	3.0
SSW	3.7	1.8	.1									5.6	3.0
SW	2.2	1.9	.4									4.5	4.0
WSW	1.1	1.3	.8	.1								2.9	5.1
W	1.1	.6	.5	.3								2.5	5.4
WNW	.5	.2										.6	2.7
NW	.4	.3	.1									.9	3.9
NNW	.4	1.0	.2									1.6	4.5
VARBL													
CALM												52.6	
	27.7	16.1	4.0	.6								100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13340 | WRIGHT-PATTERSON AFB OH | 69-79,73-79 | AUG
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | 0600-0800
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	3.4	2.9	1.1	.1								7.5	4.2
NNE	3.4	1.7	.1	.1								5.4	3.4
NE	2.7	.9	.4									4.0	3.2
ENE	1.0	.3										1.3	2.7
E	.4	.3	.2	.2								1.2	6.2
ESE	1.0	.1	.1									1.2	3.1
SE	.6	.2	.2									1.1	4.1
SSE	2.6	1.1	.3									4.9	3.3
S	3.4	3.4	.5									7.4	3.7
SSW	2.0	3.3	1.7									7.1	4.8
SW	1.9	2.3	1.2	.2	.1							5.7	5.3
WSW	1.7	1.7	1.0	.1								4.5	4.8
W	.4	1.1	.5									2.0	5.1
WNW	.3	.3	.2									.9	4.6
NW	.2	.5										.8	3.7
NNW	1.1	.8										1.8	3.3
VARBL													
CALM												44.2	
	26.3	21.0	7.6	.8	.1							100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-73,73-79 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(COND'TION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	3.0	1.2									6.0	4.7
NNE	2.5	1.6	1.1	.2								5.4	4.5
NE	1.3	1.9	1.4									4.6	5.2
ENE	2.2	2.0	1.3									5.5	4.5
E	1.7	1.4	.6	.6								4.4	5.5
ESE	1.1	1.2	.5	.1								2.9	5.0
SE	.8	.6	.1									1.5	3.6
SSE	1.7	.9	.6									3.2	4.3
S	1.9	2.1	1.6	.2								6.8	5.0
SSW	1.9	2.7	3.5	1.1								9.2	6.5
SW	1.4	2.4	3.2	1.3								8.3	7.0
WSW	2.9	4.2	2.9	2.0	.1							12.2	6.6
W	1.3	3.5	2.9	.9	.1							8.7	6.6
WNW	1.4	1.3	.5	.1								3.3	4.6
NW	1.3	.5	.6									2.5	4.4
NNW	1.8	1.2	.2	.1								3.3	3.8
VARBL													
CALM												12.2	
	27.0	31.5	22.5	6.7	.2							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 930

7969

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 69-70, 73-79 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1200-1400 (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	4.2	1.1	.3								7.4	5.2
NNE	2.0	3.2	1.6	.4								7.3	5.1
NE	.9	1.8	1.2									3.9	5.3
ENE	.8	1.5	1.1									3.3	5.6
E	1.4	1.5	1.2	.6								4.7	6.1
ESE	1.2	1.4	.4									3.0	4.3
SE	.8	.8	.6	.1								2.2	5.1
SSE	.5	.8	.8	.1								2.2	5.8
S	1.2	2.5	1.1	.2								4.9	5.4
SSW	1.0	3.5	3.5	1.1								9.1	6.9
SW	.8	2.3	4.3	2.2								9.5	8.4
WSW	.9	2.9	3.8	2.4	.4							10.3	8.7
W	1.8	5.1	5.1	2.5								14.4	7.2
WNW	.9	2.7	1.3	.2								5.1	5.7
NW	.8	.6	1.0	.2								2.6	6.0
NNW	1.1	3.0	1.4	.2								5.7	5.4
VARBL													
CALM												4.4	
	17.0	37.6	29.4	10.5	.4							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) AUG (MONTH)

ALL WEATHERS (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	5.3	2.7	.2								10.2	5.6
NNE	2.2	4.1	2.6	.2								9.0	5.5
NE	.5	2.0	1.1	.1								3.8	5.6
ENE	1.2	1.0	.5									3.4	4.3
E	.8	1.9	.9	.4	.1							4.1	6.4
ESE	1.1	1.1	.3	.2								2.6	4.9
SE	.5	.2	.4	.1								1.8	5.6
SSE	1.1	1.0	.5									2.6	4.6
S	1.6	1.6	2.6	.4								6.2	6.5
SSW	.8	2.4	5.0	1.2								9.3	7.7
SW	.9	1.8	3.1	2.0								7.9	8.2
WSW	1.4	3.3	3.9	1.6	.1		.1					10.4	7.6
W	1.8	3.7	5.1	1.4								11.9	7.0
WNW	.9	1.4	.9	.2	.2							3.6	6.3
NW	.8	1.8	1.1	.6								4.3	6.3
NNW	1.0	2.8	1.8	.3								5.9	6.0
VARBL													
CALM												2.9	
	18.1	36.9	32.4	9.1	.4		.1					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 929

7270

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1800-2000 (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	5.4	3.9	1.3	.2								10.8	4.1
NNE	2.0	3.2	1.2	.2								6.7	4.9
NE	1.5	2.9	.6	.1								5.2	4.6
ENE	1.4	.9	.2	.2	.1							2.8	4.8
E	1.9	1.3	.5									3.7	3.8
ESE	.3	.4	.1	.1								2.9	3.3
SE	1.0	.9	.1	.1								2.0	4.3
SSE	.6	1.5	.2									2.4	4.6
S	2.0	3.8	3.0	.1								9.0	5.6
SSW	1.8	3.6	3.1	.1								8.6	5.8
SW	2.3	2.7	.9	.1								5.9	4.2
WSW	1.7	2.5	2.2	.1								6.5	5.4
W	2.7	3.5	1.7	.4								8.3	5.1
WNW	.8	1.2	.4	.1								2.5	5.0
NW	1.0	1.5	.9	.1								3.5	5.3
NNW	2.0	1.9	.9									4.9	4.4
VARBL													
CALM												14.5	
	30.4	35.6	17.4	2.0	.1							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 927

USAFETAC FORM 0-3 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70, 73-79 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	2.4	.5									5.1	4.3
NNE	4.3	1.4	.3	.1								6.2	3.1
NE	1.9	1.7	.2									3.9	3.5
ENE	.6	.3	.2									1.2	3.5
E	1.4	.4		.3								2.2	4.5
ESE	1.0	.4										1.4	2.8
SE	.6	.4	.2									1.3	3.8
SSE	1.5	1.0	.2									2.7	3.6
S	2.1	3.5	1.5	.1								7.1	4.0
SSW	3.6	3.1	.8	.1								7.6	4.0
SW	4.4	1.0	.4	.1								6.0	3.1
WSW	1.8	1.4	.2	.3								3.8	4.3
W	.5	.4	.2									1.2	4.2
WNW	.2		.1									.3	3.7
NW	.6	.1	.5									1.3	4.8
NNW	1.5	1.3	.5	.1								3.5	4.3
VARBL													
CALM												45.3	
	28.5	18.9	6.1	1.2								100.2	2.1

TOTAL NUMBER OF OBSERVATIONS 924

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

7971

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (YEARS) | AUG (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	3.2	3.4	1.2	.1								7.9	4.4
NNE	2.9	2.2	.9	.2								6.2	4.3
NE	1.7	1.5	.7	.0								3.9	4.2
ENE	1.1	.9	.4	.0	.0							2.5	4.3
E	1.1	.9	.5	.3	.0							2.8	5.4
ESE	1.0	.6	.2	.1								1.9	4.0
SE	.7	.6	.3	.0								1.6	4.3
SSE	1.4	1.0	.4	.0								2.8	4.1
S	2.3	2.8	1.3	.1								6.6	4.8
SSW	2.2	2.9	2.3	.4								7.9	5.6
SW	2.0	2.0	1.8	.7	.0							6.5	6.0
WSW	1.6	2.3	1.9	.8	.1		.0					6.7	6.6
W	1.3	2.3	2.1	.7	.0							6.5	6.4
WNW	.7	.9	.5	.1	.0							2.2	5.3
NW	.6	.7	.5	.1								2.0	5.3
NNW	1.2	1.6	.7	.1								3.6	4.9
VARBL													
CALM												28.6	
	25.1	26.5	15.6	4.0	.2		.0					100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 7428

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70, 73-78 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	2.9	1.3	.2								6.9	4.8
NNE	2.3	1.1	.9	.1								4.4	4.3
NE	2.2	.8			.1							3.1	3.3
ENE	1.3	1.3	.1	.2								3.0	4.2
E	1.2	1.1	.1									2.4	3.6
ESE	.8	.1										.9	2.3
SE	1.0	.1	.4									1.6	4.1
SSE	1.7	1.8	.8									4.2	4.2
S	2.8	2.2	.7									5.7	3.7
SSW	2.1	2.4	1.3									5.9	4.5
SW	1.4	2.8	.7	.1								5.0	4.6
WSW	1.1	1.1	.3	.1								2.7	4.8
W	.3	1.2	.4	.3								2.3	6.0
WNW	.4	1.2	.2	.1								2.0	5.0
NW	.8	1.0	.8									2.6	5.3
NNW	.2	.3	.1	.3								1.0	7.4
VARBL													
CALM												47.3	
	22.1	20.7	8.2	1.6	.1							100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 900

7972

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840	WRIGHT-PATTERSON AFB OH	67-70,73-78	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0300-0600
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.6	1.8	1.0	.4								5.8	4.7
NNE	4.1	1.9	.8	.2								7.0	3.7
NE	3.3	.6	.1									4.0	2.6
ENE	2.2	.3		.1								2.7	2.9
E	1.1	.9	.2									2.2	4.0
ESE	.7	.3										1.0	3.1
SE	1.2	.8	.1									2.1	3.2
SSE	1.7	.7	.6									2.9	4.1
S	2.9	2.4	.3									5.6	3.5
SSW	2.1	3.0	1.6									6.7	4.8
SW	1.1	1.0	1.2	.7								4.0	6.4
WSW	.6	1.0	.7	.6								2.8	6.7
W	.4	.9	.3	.1								1.8	5.0
WNW	.6	.6	.1									1.2	4.1
NW	.1	1.0	.7									1.8	5.7
NNW	.6	1.6	.4	.3								2.9	5.8
VARBL													
CALM												45.7	
	25.2	18.7	8.0	2.4								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840	WRIGHT-PATTERSON AFB OH	67-70,73-78	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

0600-0900
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	3.2	1.6	.1								7.4	4.7
NNE	4.9	2.2	.1	.2								7.3	3.2
NE	4.0	1.1	.2									5.3	2.3
ENE	1.6	.7	.2									2.4	3.1
E	.8	2.1										2.9	3.9
ESE	1.1	.6	.1									1.8	3.1
SE	.8	.6	.1									1.4	3.5
SSE	2.7	1.2	.6									4.4	3.8
S	2.8	3.7	1.0	.1								7.6	4.4
SSW	1.8	2.6	1.9	.4								6.7	5.7
SW	1.6	1.3	1.7	.3								4.9	5.8
WSW	.7	.6	.6	.6								2.3	6.9
W	.4	1.1	.3	.8								2.7	7.8
WNW	.3	.7	.7									1.7	5.7
NW	.7	.9	.2									1.8	3.8
NNW	.6	.8	.4									1.8	4.9
VARBL													
CALM												37.6	
	27.0	23.2	9.7	2.6								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 900

7973

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13084 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-71,73-78 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 0900-1100 (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	1.6	1.9	2.1	.1								5.7	5.6
NNE	1.2	1.6	1.3	.7								4.8	6.4
NE	1.3	1.9	1.2	.2								4.7	5.5
ENE	.8	1.6	.8	.4								3.6	5.8
E	2.9	2.3	.7	.1								5.9	4.2
ESE	1.3	1.6	.6									3.4	4.4
SE	.8	.7	.8									2.2	4.9
SSE	.9	2.8	1.4									5.1	5.4
S	2.6	3.8	1.6	.2								7.9	5.0
SSW	1.3	2.6	2.8	1.1	.1							7.9	7.1
SW	1.3	2.3	4.2	1.9	.2							10.0	8.1
WSW	1.2	3.0	4.1	1.2	.2							9.8	7.7
W	1.4	1.8	2.8	.7								6.7	6.6
WNW	.8	1.0	1.2	.7								3.7	7.0
NW	.3	.7	1.0	.3	.1							2.4	7.5
NNW	2.0	1.3	1.3	.4								5.1	5.5
VARBL													
CALM												11.2	
	21.7	30.4	27.9	8.1	.7							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1200-1400 (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	4.1	2.3	3.1	.8								10.3	6.5
NNE	.9	.8	.8	.8								3.2	7.0
NE	.9	2.2	1.1	.3								4.6	5.8
ENE	1.0	1.8	.9	.3								4.0	5.7
E	.8	1.8	.9	.1								3.6	5.4
ESE	.3	2.1	.6									3.0	5.4
SE	.6	.8	.8									2.1	5.1
SSE	.9	1.4	1.3	.3								4.0	6.1
S	.9	2.4	3.0	.2								6.6	6.4
SSW	.9	3.1	3.6	1.0	.3							8.9	7.7
SW	1.2	2.4	3.4	3.2	.2	.2						10.8	8.9
WSW	.9	2.6	4.6	3.9	1.0							12.9	9.7
W	1.0	2.3	4.9	2.3								10.6	8.0
WNW	.3	2.0	1.8	1.1	.1	.1						5.4	8.3
NW	.9	1.3	1.2	.3	.1							3.9	6.5
NNW	1.2	2.0	2.1	.4								5.8	6.4
VARBL													
CALM												2.4	
	14.8	31.4	34.0	15.2	1.8	.3						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13940	WRIGHT-PATTERSON AFB OH	67-70,73-78	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.6	3.0	1.0								7.7	6.8
NNE	1.2	1.6	1.1	.9	.1							4.9	7.1
NE	.8	1.6	1.1	.2								3.7	5.9
ENE	.9	2.0	.6	.3								3.7	5.5
E	.9	2.1	.9	.1								3.9	5.1
ESE	.7	1.8	.7									3.1	5.2
SE	.3	1.3	.3	.1								2.1	5.4
SSE	.7	2.3	1.8	.2								5.0	6.2
S	.9	3.0	4.2	.1								8.2	6.6
SSW	.7	2.3	3.9	1.0								7.9	7.4
SW	.8	2.1	3.8	2.7	.2							9.6	8.8
WSW	.9	2.4	4.9	2.4	.3							11.0	8.6
W	1.3	3.0	3.4	2.6	.1							13.4	7.8
WNW	.2	1.2	1.8	1.4								4.7	8.8
NW	.9	1.9	1.0	.6								4.3	6.4
NNW	1.0	2.0	3.4	.9								7.3	7.0
VARBL													
CALM												2.6	
	13.1	33.2	35.8	14.6	.8							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13640 (STATION) RIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.1	2.3	1.8	.4								7.1	5.5
NNE	1.9	2.0	1.4									5.3	4.9
NE	2.7	2.7	.2									5.6	5.7
ENE	1.3	1.1	.4	.1								3.0	4.4
E	2.1	2.1	.2									4.4	3.6
ESE	1.0	1.2	.1									2.3	3.9
SE	1.0	1.1	.3									2.4	4.0
SSE	1.3	2.8	1.4									5.6	5.1
S	1.2	3.9	1.8	.1								7.0	5.4
SSW	1.6	5.2	1.9	.4								9.1	5.5
SW	2.1	3.0	1.1	.3								6.6	4.9
WSW	2.6	3.0	1.8	.2								7.6	5.1
W	1.1	2.7	1.8	.2								5.8	5.6
WNW	.8	1.7	.3									2.8	4.9
NW	1.1	1.2	.7	.2								3.2	5.0
NNW	2.6	2.4	1.6	.3								6.9	5.1
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	15.3	
	26.4	38.9	16.9	2.4								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 900

1975

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840	WRIGHT-PATTERSON AFB OH	67-70,73-78	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

2100-2300 (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	2.7	1.4	.6								6.8	5.4
NNE	2.2	1.3	.6									4.1	3.6
NE	2.0	2.3	.6									4.9	4.1
ENE	1.1	1.1	.2									2.4	3.8
E	1.8	.7	.1									2.6	3.0
ESE	.8	.7										1.4	3.6
SE	.8	1.0	.6									2.3	5.0
SSE	1.3	3.6	.8									5.3	4.9
S	1.7	3.0	1.0	.1								5.8	4.7
SSW	3.3	2.8	.7	.2								7.0	4.0
SW	3.0	1.6	.8	.1	.1							5.6	4.3
WSW	.9	1.6	.3	.3								3.1	5.3
W	1.1	.3	.8	.1								2.3	4.6
WNW	.1	.3	.1	.2								.8	7.0
NW	.3	1.0	1.0									2.8	5.6
NNW	.4	1.7	.9	.2								3.2	5.7
VARBL													
CALM												39.6	
	23.1	25.6	9.8	1.9	.1							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-76 (YEARS) SEP (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	2.1	2.4	1.9	.5								6.8	5.6
NNE	2.3	1.6	.9	.4	.0							5.1	4.8
NE	2.2	1.6	.6	.1	.0							4.5	4.2
ENE	1.3	.2	.4	.2								3.1	4.6
E	1.4	1.6	.4	.0								3.5	4.2
ESE	.8	1.0	.2									2.1	4.2
SE	.8	.8	.4	.0								2.0	4.5
SSE	1.3	2.1	1.1	.1								4.6	5.0
S	2.0	3.0	1.7	.1								6.8	5.1
SSW	1.7	3.0	.2	.5	.1							7.5	6.0
SW	1.6	2.1	2.1	1.2	.1	.0						7.0	7.0
WSW	1.1	1.9	2.2	1.2	.2							6.5	7.6
W	.9	1.7	1.8	.9	.0							5.3	7.0
WNW	.4	1.1	.8	.4	.0	.0						2.8	7.0
NW	.7	1.1	.8	.2	.0							2.8	5.8
NNW	1.1	1.5	1.3	.4								4.2	6.0
VARBL													
CALM												25.2	
	21.7	27.8	18.8	6.1	.4	.0						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 7200

7976

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840	WRIGHT-PATTERSON AFB OH	67-70,73-76	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER	0000-0200
CLASS	HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.0	1.3	.4								4.9	5.8
NNE	1.5	1.1	.3	.3								3.2	4.7
NE	1.0	1.4	.2									2.6	4.2
ENE	.9	.3	.2									1.4	3.5
E	.6	1.0	.3									1.9	4.7
ESE	.2	.5	.4	.1								1.3	6.3
SE	1.8	.6	.9	.3								3.7	5.2
SSE	2.5	1.9	1.1	.4								5.9	5.1
S	2.5	3.1	1.2	.4								7.2	4.9
SSW	2.2	1.3	1.5	.4								5.1	5.3
SW	1.7	1.4	1.0	.3								4.4	5.0
WSW	.4	1.4	1.7	.3								3.9	7.0
W	1.0	1.7	1.8	1.1								5.6	7.3
WNW	.4	.9	.8	.1								2.2	6.0
NW	.5	.5	1.1	.3	.1							2.6	7.6
NNW	.9	.9	1.2	.2								3.0	6.5
VARBL													
CALM												41.2	
	19.2	19.7	14.9	4.8	.1							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	2.6	1.8	.8								7.4	5.6
NNE	1.6	1.1	.4									3.1	3.8
NE	1.5	.8	.9	.1								3.2	4.8
ENE	.6	.5	.2									1.4	4.3
E	1.2	.4	.4									2.0	4.0
ESE	.9	.3	.2	.1								1.4	4.5
SE	1.6	1.2	1.4	.2								4.4	5.4
SSE	2.8	2.0	.3	.2								5.4	3.9
S	1.6	2.4	1.?	1.0								6.1	5.8
SSW	1.3	2.2	1.6	.4								5.5	6.0
SW	.6	2.5	.9	.5								4.5	6.0
WSW	.9	2.0	.4	1.0								4.3	6.3
W	1.1	1.2	2.2	.3								4.7	6.2
WNW	.2	.6	1.2	.2								2.3	7.3
NW	.2	.6	.8	.4								2.0	7.7
NNW	.3	.3	.4	.4								1.9	6.9
VARBL													
CALM												40.2	
	18.8	21.2	14.1	5.7								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 930

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

7977

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14840	WRIGHT-PATTERSON AFB OH	67-70,73-78	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	3.3	1.6	.5								8.0	5.3
NNE	2.9	.8	.2	.1								4.0	3.2
NE	1.7	.6	.2	.1								2.7	3.6
ENE	.3	.3	.3									1.0	4.9
E	1.0	.9	.1									1.8	3.6
ESE	1.2	.9	.1									2.2	3.5
SE	1.5	1.4	.5	.6								4.1	5.5
SSE	2.5	1.5	1.0	.1								5.1	4.2
S	2.5	3.2	1.7	.8								8.2	5.6
SSW	1.6	3.0	1.4	1.0								7.0	6.2
SW	.6	1.6	1.0	.2								3.4	5.8
WSW	1.3	1.3	1.1	1.3								4.9	7.3
W	.4	1.1	1.7	.2								3.4	6.8
WNW	.5	.5	1.1	.4								2.6	7.3
NW	.5	1.2	.5	.2	.1							2.6	6.5
NNW	.6	1.4	1.6	.1								3.8	6.2
VARBL													
CALM												35.4	
	21.7	22.9	14.2	5.7	.1							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13640 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 0930-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.5	2.6	1.1								6.8	7.3
NNE	.5	1.1	.6	.3								2.7	6.2
NE	.4	1.3	1.3	.1								3.1	6.0
ENE	.4	1.4	.3	.1								2.3	5.3
E	.1	1.8	1.4									3.3	6.6
ESE	.6	.9	.6									2.2	5.2
SE	.4	1.2	.4	.6								2.7	6.6
SSE	1.8	2.4	1.2	.8								6.1	6.0
S	2.0	4.1	3.1	1.0								10.2	6.3
SSW	1.2	2.7	3.2	1.9	.1							9.1	7.8
SW	1.4	1.9	2.7	3.7	.4	.2						10.3	9.3
WSW	.5	1.7	3.3	1.7	.1	.1						7.5	8.6
W	1.1	2.2	2.3	1.7	.1	.1						7.4	8.1
WNW	.2	1.3	2.2	.8	.2							4.6	8.7
NW	.6	1.4	1.5	1.4								4.9	7.9
NNW	.6	1.2	2.5	.5								4.8	7.3
VARBL													
CALM												11.8	
	12.8	28.9	29.4	15.7	1.0	.4						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-73,73-78 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1200-1400 (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	1.0	1.5	3.1	1.5								7.1	7.8
NNE	.2	1.1	1.2	.3	.2							3.0	7.6
NE	.3	.8	.3									1.4	5.2
ENE	.2	.5	.5									1.3	5.8
E	.2	1.8	1.2	.2								3.4	6.3
ESE	.8	2.2	.6									3.5	4.8
SE	.4	1.2	.4	.1								2.2	5.2
SSE	.3	1.9	1.6	1.0	.1							5.4	7.2
S	.5	2.6	3.9	2.0								9.0	8.1
SSW	.5	2.2	2.9	4.3	.2							10.1	9.4
SW	.6	2.5	4.3	4.2	.9	.1						12.6	10.1
WSW	.9	2.4	3.5	3.2	1.1							10.6	9.9
W	1.4	1.6	3.4	3.3	.8	.1						10.6	9.5
WNW	1.0	1.5	2.6	1.5	.1							6.7	8.1
NW	.3	.8	1.8	1.2		.1						4.2	9.3
NNW	.8	1.5	2.5	1.0								5.7	7.7
VARBL													
CALM												3.1	
	9.6	25.9	34.0	23.9	3.2	.3						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-76,73-78 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1500-1700 (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	2.7	3.3	1.3								8.3	7.3
NNE	.1	.3	.8	.3	.5							1.8	10.1
NE	.5	.5	.4									1.5	4.4
ENE	.4	.9	.4									1.7	5.3
E	.5	1.5	1.2									3.2	5.6
ESE	1.2	1.5	.6	.1								3.4	5.1
SE	1.2	1.8	1.2									4.2	5.0
SSE	.6	2.4	2.2	.2	.1							5.5	6.5
S	.4	2.3	4.6	1.6	.2							9.1	8.2
SSW	.8	2.3	4.3	2.8	.1							10.2	8.7
SW	.9	2.4	4.9	2.8	.1							11.1	8.7
WSW	.9	1.8	2.5	1.3								6.5	7.7
W	1.0	2.0	3.4	4.6	.8	.2						12.0	10.2
WNW	.4	1.9	2.0	2.5	.2							7.1	9.0
NW	.4	1.1	2.4	1.1	.1							5.1	8.4
NNW	.4	1.4	1.6	.3	.1							3.9	7.3
VARBL													
CALM												5.4	
	10.8	26.8	35.9	18.9	2.0	.2						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 930

1979

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 67 [illegible] 78 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS)

1800-2100 (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	4.1	1.7									7.5	5.0
NNE	.9	1.6		.3		.1						2.9	5.4
NE	.6	1.0	.1									1.7	3.9
ENE	1.1	.6	.1									1.8	3.2
E	1.8	1.2	.2									3.2	3.6
ESE	2.0	1.6	.6									4.3	3.9
SE	1.5	2.2	1.2	.2								5.1	5.2
SSE	2.0	4.2	1.0	.4								7.6	4.9
S	1.8	3.9	1.6	.4	.1							7.8	5.8
SSW	2.5	4.0	2.0	.5								9.0	5.5
SW	1.8	4.2	.5	.2								6.8	4.7
WSW	1.1	1.1	1.0	.1								3.2	5.4
W	1.6	2.4	2.4	1.0	.1							7.4	6.5
WNW	1.3	1.4	1.1	.9	.1							4.7	7.0
NW	1.0	.9	1.1	.3								3.2	6.1
NNW	1.3	2.4	1.4	.2								5.3	5.4
VARBL													
CALM												18.3	
	24.1	36.6	16.0	4.6	.3	.						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-72,73-78 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	3.9	1.9	.2								7.3	5.4
NNE	2.3	.5	.2	.1	.2							3.3	4.4
NE	.6	.8	.4									1.8	4.8
ENE	.4	.5	.2									1.2	4.5
E	.8	1.0	.3									2.0	4.5
ESE	.9	.9	.8									2.5	4.7
SE	.8	1.2	1.4	.2								3.5	6.1
SSE	1.0	3.5	1.1	.3								5.9	5.5
S	3.3	2.9	2.0	.2								8.5	4.9
SSW	1.8	3.4	1.8	.2								7.3	5.3
SW	1.2	1.2	1.2	.2								3.8	5.5
WSW	1.0	2.0	1.2	1.1								5.3	6.8
W	.3	1.5	1.8	.5								4.2	7.4
WNW	.2	1.1	.9	.3	.1							2.6	7.5
NW	.6	1.1	.2	.6								2.6	6.7
NNW	.5	1.0	.9	.5								2.9	6.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	35.3	
	17.2	26.3	16.2	4.6	.3							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 930

7930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-7 ,73-78 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.8	2.2	.7								7.2	6.2
NNE	1.2	.9	.5	.2	.1	.0						3.0	5.3
NE	.8	.9	.5	.1								2.3	4.6
ENE	.6	.6	.3	.0								1.5	4.6
E	.8	1.2	.6	.0								2.6	5.1
ESE	1.0	1.1	.5	.0								2.6	4.6
SE	1.2	1.3	.9	.3								3.7	5.5
SSE	1.7	2.5	1.2	.4	.0							5.9	5.4
S	1.9	3.1	2.4	.9	.0							8.3	6.3
SSW	1.5	2.6	2.4	1.5	.1							7.9	7.1
SW	1.1	2.2	2.1	1.5	.2	.0						7.1	7.7
WSW	.8	1.7	1.8	1.2	.1	.0						5.8	7.9
W	1.0	1.7	2.4	1.6	.2	.1						6.9	8.3
WNW	.5	1.2	1.5	.8	.1							4.1	7.9
NW	.5	.9	1.2	.7	.0	.0						3.4	7.7
NNW	.7	1.3	1.5	.4	.0							3.9	6.7
VARBL													
CALM												23.8	
	16.8	26.0	21.8	10.5	.9	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1[illegible]	WRIGHT-PATTERSON AFB OH	67-70,73-76	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0030-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	1.9	1.0	.2	.1							5.2	5.1
NNE	.4	.7		.6								1.7	7.0
NE	.9	.2	.4	.1								1.7	5.1
ENE	.2	.7	.1									1.0	4.8
E	.6	1.[illegible]	.9									2.4	5.2
ESE	.8	1.2	.1									2.1	4.0
SE	1.2	1.2	1.2	.1	.1							3.9	5.5
SSE	1.6	1.2	1.3	.6	.1							4.8	6.3
S	1.2	3.4	1.8	1.2	.1							7.8	6.7
SSW	.4	2.0	2.0	1.7	.1							7.1	8.2
SW	1.2	2.2	2.3	1.9	.2							7.8	8.3
WSW	.9	2.2	3.4	.7	.1							7.3	7.3
W	.3	2.3	4.7	2.7	.6	.2						10.8	9.7
WNW	.6	1.2	1.4	1.0	.6							4.8	8.9
NW	.8	1.7	1.9	.8	.1							5.2	7.3
NNW	.7	1.1	1.7	.2	.1							3.8	6.6
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	22.7	
	13.0	24.3	25.1	11.7	2.1	.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 900

7951

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13845	WRIGHT-PATTERSON AFB OH	67-70,73-78	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0300-0600
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	1.6	2.2	1.0	.2								5.0	5.1
NNE	.9	1.1	.2	.3								2.6	5.3
NE	.7	.6	.7									1.9	5.3
ENE	.4	.8	.1									1.3	4.0
E	.3	1.5	.9									2.2	5.7
ESE	.8	1.1										1.9	3.9
SE	1.1	1.2	.4	.1	.1							2.9	5.3
SSE	1.2	1.3	1.1									3.7	4.9
S	2.1	3.4	1.7	.6	.3	.1						8.2	6.2
SSW	1.0	2.3	3.2	1.9	.2	.1						9.8	8.7
SW	1.1	1.7	2.8	1.8	.3	.1						7.7	8.5
WSW	.3	1.6	1.7	1.1	.2	.1						5.4	8.3
W	.8	2.6	4.8	2.9	.3	.1						11.4	8.9
WNW	1.0	1.3	2.1	1.6								6.0	7.9
NW	1.0	.7	1.1	.9								3.7	7.1
NNW	.6	1.3	1.2	.7								3.8	7.0
VARBL													
CALM												22.6	
	15.2	24.2	23.0	13.0	1.4	.6						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13640	WRIGHT-PATTERSON AFB OH	67-70,73-78	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS) | 0600-0800 HOURS (L.S.T.)

CONDITION

SPEED (KNTS.) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.8	.7	.1								3.8	4.6
NNE	1.3	.3	.5	.2	.1							2.8	3.1
NE	1.2	.4	.7	.2								2.6	5.2
ENE	1.1	.9	.3	.1								2.4	4.
E	1.0	.7	.6	.1								2.3	4.7
ESE	1.2	.7	.1	.1								2.1	3.9
SE	.6	1.0	.4	.2								2.2	5.3
SSE	2.2	2.4	1.2	.2								6.1	4.9
S	1.9	2.8	2.4	.2	.2	.2						7.8	6.7
SSW	.7	2.8	3.4	2.8	.1	.1						9.9	8.8
SW	.9	2.7	2.1	2.0								7.7	7.8
WSW	1.4	1.8	1.8	1.2	.3	.1						6.7	7.6
W	1.1	2.6	4.1	2.8	.8	.1						11.4	9.4
WNW	.7	1.1	2.1	1.2	.2							5.3	8.3
NW	.8	.7	1.0	.7	.5							3.4	8.6
NNW	.9	1.2	1.2	.2								3.6	5.8
VARBL													
CALM												19.9	
	18.2	24.2	22.6	12.4	2.1	.6						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 900

7982

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13[illegible] (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 67-70, 73-76 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 0900-1100 (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	1.4	1.6	1.2	.3								4.7	5.7
NNE	1.1	.6	.9	.3	.1							3.0	6.1
NE	.8	.3	.3	.3								1.2	6.3
ENE	.6	1.8	.6	.1								3.0	5.5
E	.3	1.4	.9									2.6	5.4
ESE	.1	.2	.3	.1								.8	6.7
SE	.4	.8	.2	.1								1.6	5.4
SSE	1.3	1.1	.6	.9	.1							4.1	6.5
S	1.2	3.7	4.2	1.1	.1							10.3	7.0
SSW	1.2	1.7	4.1	2.9	.3							10.2	8.8
SW	1.0	2.0	2.8	4.4	.4	.1						10.6	9.7
WSW	.6	1.7	1.6	3.9	.7	.1	.1					8.6	10.8
W	.9	1.8	4.7	4.3	.8	.5						12.7	10.6
WNW	.2	.9	2.3	2.4	.8							6.7	11.1
NW	.9	.7	2.0	.8								4.3	7.7
NNW	.7	1.4	1.1	.8								4.0	7.1
VARBL													
CALM												10.6	
	13.0	21.4	28.1	22.9	3.3	.6	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 66 0-8-5 (CL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840	WRIGHT-PATTERSON AFB OH	67-70, 73-78	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.9	1.4	.4								3.4	7.6
NNE	.1	.7	1.1	.1	.1							2.1	7.5
NE	.2	.6	.7	.2								1.7	7.2
ENE	.6	.8	.4	.1								1.9	5.4
E	.4	1.1	1.1	.2								2.9	6.3
ESE	.4	.7	.1									1.2	4.5
SE	.4	1.0	.3									1.8	5.0
SSE	.6	1.1	1.2	.2	.1							3.2	7.3
S	.6	2.4	3.1	.9	.6	.1						7.7	8.4
SSW	.6	1.6	4.1	4.8	.6	.1						11.7	10.5
SW	1.0	2.3	3.9	4.8	.6	.3						12.9	10.1
WSW	.3	1.9	2.1	4.3	1.0							9.7	10.7
W	1.3	2.2	4.4	7.6	1.8	.6						17.9	11.4
WNW	.6	1.1	2.2	2.9	1.0							7.8	10.9
NW	.3	1.4	1.7	2.1	.1							5.7	9.3
NNW	.6	1.1	.9	1.8								4.3	8.6
VARBL													
CALM												4.2	
	8.8	20.8	28.9	30.4	5.8	1.1						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 900

7983

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13841	WRIGHT-PATTERSON AFB OH	67-70, 73-78	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

1500-1700
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.3	.8	.7								4.4	7.6
NNE	.3	.9	.8	.2								2.2	6.2
NE	.4	.7	.3	.4								1.9	6.5
ENE	.3	1.0	1.1	.1								2.6	6.4
E	.3	.9	.7	.1								2.2	5.7
ESE	.3	1.0	.7									2.0	5.6
SE	.4	1.2	.2	.1								2.0	5.5
SSE	.2	1.6	.9									2.7	6.1
S	1.0	2.1	3.8	1.4	.2	.1						8.7	8.1
SSW	.6	1.9	4.7	3.6	.1							10.8	9.2
SW	.9	2.1	2.9	3.3	.4	.2						9.9	9.6
WSW	.8	1.0	2.7	3.0	.2	.3	.1					8.1	10.3
W	.7	2.4	4.0	7.8	1.7	.1						17.6	10.9
WNW	1.1	1.9	4.0	3.4	.3							10.8	9.2
NW	.2	1.0	2.3	2.2	.2							6.0	10.0
NNW	.6	2.1	1.8	.3								4.8	6.4
VARBL													
CALM												3.4	
	9.1	23.1	3.4	26.8	3.2	.8	.1					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON A B OH (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 1800-2000 (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	1.2	1.2	.8	.1							5.0	6.3
NNE	.3	1.3	1.7	.1								3.4	6.6
NE	.6	.8	.2	.3								1.9	5.9
ENE	.9	.4	.7	.1								2.1	5.5
E	1.6	1.2	1.0	.1								3.9	4.9
ESE	.3	.9	.3	.1								1.7	5.7
SE	.3	.9	.7									1.9	5.7
SSE	.4	2.3	.7	.1								3.4	5.4
S	1.1	4.6	3.0	.4								9.1	6.0
SSW	1.8	2.7	4.0	.9		.1						9.4	6.8
SW	1.6	2.4	1.7	1.7	.3	.1						7.8	7.7
WSW	1.2	.6	2.8	2.0	.4	.1						7.1	9.5
W	1.4	2.3	4.3	3.1	.8	.2						12.2	9.3
WNW	.9	2.1	2.3	1.4	.1	.1						7.0	8.2
NW	.8	1.8	1.6	1.8	.2							6.1	8.3
NNW	1.1	1.6	1.1	.1								3.9	5.3
VARBL													
CALM												14.0	
	15.9	27.1	7.2	13.1	2.0	.7						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 900

7564

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840	WRIGHT-PATTERSON A B OH	67-70,73-78	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.9	1.1	.2	.3							5.3	5.9
NNE	.3	.6	.7	.3								1.9	6.9
NE	.1	1.1	.3	.4								2.0	7.7
ENE	.8	1.0	.1	.1								2.0	4.6
E	.6	1.2	.3	.1								2.2	5.1
ESE	.4	1.0	.6	.1								2.1	5.4
SE	1.1	1.2	.6	.2								3.1	5.3
SSE	.5	1.1	.8	.3								2.8	6.2
S	2.0	2.1	2.6	.9								7.6	6.4
SSW	1.1	2.3	2.7	2.1	.2	.1						8.6	8.3
SW	.8	1.0	1.6	1.3	.1							4.8	8.3
WSW	.9	1.4	3.3	1.7	.6							7.9	8.8
W	.7	2.6	4.0	3.9	.9	.3						12.3	10.2
WNW	.3	2.0	1.0	1.7	.3							5.3	8.6
NW	.6	1.6	1.9	.4								4.4	7.1
NNW	.9	1.1	1.9	.2								4.1	6.5
VARBL													
CALM												23.6	
	12.9	23.2	23.3	14.1	2.4	.4						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.6	1.[illegible]	.4	.1							4.6	5.9
NNE	.6	.8	.[illegible]	.3	.[illegible]							2.5	6.3
NE	.6	.6	.[illegible]	.3								2.0	6.1
ENE	.6	.9	.[illegible]	.1								2.6	5.2
E	.7	1.1	.[illegible]	.1								2.6	5.4
ESE	.6	.8	.[illegible]	.1								1.7	4.8
SE	.7	1.1	.[illegible]	.1	.0							2.4	5.4
SSE	1.0	1.5	1.[illegible]	.3	.0							3.8	5.9
S	1.4	3.1	2.[illegible]	.8	.2	.1						8.4	6.9
SSW	.9	2.2	3.[illegible]	2.7	.2	.1						9.7	8.7
SW	1.1	2.1	2.[illegible]	2.7	.3	.1						8.7	8.9
WSW	.9	1.5	2.[illegible]	2.2	.4	.1	.0					7.6	9.3
W	.9	2.3	4.[illegible]	4.4	.9	.2						13.3	10.2
WNW	.7	1.5	2.[illegible]	2.0	.4	.0						6.7	9.2
NW	.7	1.2	1.7	1.2	.1							4.9	8.3
NNW	.7	1.4	1.4	.5	.0							4.0	6.7
VARBL													
CALM												15.1	
	13.4	23.6	26.5	18.1	2.8	.6	.0					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 7200

7985

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 — STATION
WRIGHT-PATTERSON AFB OH — STATION NAME
67-70,73-78 — YEARS
DEC — MONTH
ALL WEATHER — CLASS
0000-0200 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.7	1.9	.8	.1							5.3	7.4
NNE	1.1	.9	1.1									2.8	5.2
NE	.9	1.2	.5	.1								2.8	5.2
ENE	.6	.4	.3	.2		.1						1.7	6.9
E	1.1	2.2	1.5	.1								4.9	5.6
ESE	.6	2.0	.2	.1								3.0	5.0
SE	1.3	1.2	1.2	.1								3.8	5.3
SSE	1.6	2.4	1.1	.1								5.2	4.8
S	1.0	3.7	1.4	.8								7.4	5.7
SSW	1.1	3.0	1.9	1.9	.4							8.4	7.9
SW	1.0	1.0	1.3	1.9	.1							5.3	8.9
WSW	1.1	1.2	2.2	1.7	.2	.1						6.5	8.8
W	1.1	1.5	3.1	4.7	.6	.3	.1					11.5	10.9
WNW	.9	1.4	2.6	3.3	.3							8.5	9.6
NW	.6	.4	1.1	1.0	.4							3.5	9.5
NNW	.3	1.4	2.0	.6								4.4	7.6
VARBL													
CALM												15.1	
	15.6	28.4	23.5	17.5	2.3	.5	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13-41	WRIGHT-PATTERSON AFB OH	67-72,73-78	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

0300-0600 (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.1	2.0	1.1								5.3	7.4
NNE	1.1	.8	.5	.2								2.6	5.8
NE	.5	1.1	.3									1.9	4.7
ENE	.8	.2	.3	.1	.1							1.5	5.6
E	1.0	1.8	1.4	.6								4.8	6.6
ESE	1.3	1.3	.2	.4								3.2	5.3
SE	1.3	.6	.6	.1								2.7	4.8
SSE	1.5	1.6	.8									3.8	4.3
S	1.8	3.2	2.0	.3	.3							7.7	6.3
SSW	1.0	3.4	2.9	2.0	.2							9.6	7.9
SW	1.4	1.6	2.0	1.6	.1	.1						6.9	8.0
WSW	1.1	.5	1.7	1.9	.4	.2						5.9	10.1
W	1.2	2.0	4.4	3.1	1.1	.3						12.2	10.0
WNW	.9	1.4	3.2	2.6	.3	.2						8.6	9.7
NW	.5	1.5	1.4	1.1								4.5	7.6
NNW	.2	.9	.8	.5								2.4	7.3
VARBL													
CALM												16.0	
	16.6	23.1	24.6	15.8	2.6	.9						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 930

7936

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 67-70,73-78 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | 0600-0800 (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	1.4	1.1	2.2	1.3								5.8	7.5
NNE	.6	.6	.5	.1								1.9	5.4
NE	.3	.8	.8									1.8	5.6
ENE	.4	.5	.5	.4								1.9	7.7
E	1.3	1.5	1.2	.6	.1							4.7	6.5
ESE	.8	1.0	1.0	.1								2.8	5.2
SE	.4	1.2	.4	.3								2.4	5.5
SSE	1.7	2.2	.3	.2	.1							4.5	4.5
S	1.5	3.0	2.4	.5	.2	.1						7.8	6.6
SSW	.6	3.0	4.5	1.4								9.6	7.4
SW	1.1	1.9	2.3	2.0	.2							7.5	8.3
WSW	.5	2.0	1.7	1.9	.1	.3						6.7	9.4
W	1.0	2.2	4.3	4.1	.5	.5						12.6	9.9
WNW	.8	.8	1.9	2.0	.3	.1						5.9	9.9
NW	.3	1.7	2.4	1.0								5.4	7.5
NNW	.3	.3	.8	.9								2.3	8.7
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	16.4	
	13.1	23.7	27.1	17.0	1.6	1.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.7	1.5	1.8	.1							5.2	9.4
NNE	1.7	.5	.6	.5								2.7	6.3
NE	.6	.9	1.5	.2								3.2	5.4
ENE	.2	.5	.5	.2								1.6	6.7
E	.9	.9	1.6	.6	.1							4.1	7.6
ESE	.6	1.2	1.5	.2								3.5	6.3
SE	.9	1.2	1.5	.2	.1							3.9	6.3
SSE	.5	1.5	1.4	.5								4.0	6.9
S	.8	2.4	2.8	1.7	.1							7.7	7.7
SSW	.4	2.4	5.3	2.3	.4	.1						10.9	9.1
SW	.6	1.9	2.8	2.9	.6							8.9	9.8
WSW	.6	1.4	3.5	1.8	1.0	.1						8.5	10.0
W	.7	1.5	4.1	4.5	1.1	.5						12.0	11.4
WNW	.3	.6	2.7	2.3	.8							6.7	10.8
NW	.2	.9	2.6	1.1								4.7	8.4
NNW	.9	.9	1.5	.5								3.8	7.2
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	8.6	
	9.7	19.7	35.5	21.5	4.3	.8						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 7% 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14840	WRIGHT-PATTERSON AFB OH	67-70, 73-78	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.3	1.0	1.3								5.1	8.2
NNE	.3	.6	1.0	.6								2.5	8.3
NE	.5	.3	1.0	.2								2.0	6.9
ENE	.4	1.1	.2	.2								1.9	5.4
E	.6	2.2	1.3	.3								4.4	6.1
ESE	.3	1.3	1.6	.3								3.5	6.7
SE	.2	1.1	1.2	.4								2.8	7.3
SSE	.4	1.9	2.3	.1	.2							4.9	7.1
S	.3	2.2	2.2	2.7	.1							7.4	8.8
SSW	.3	2.0	3.4	3.0	.9	.1						9.8	10.2
SW	.1	1.1	3.8	4.8	1.4	.1	.1					11.4	11.9
WSW	.5	1.1	2.6	4.5	1.1	.1						9.9	11.4
W	.5	1.7	1.9	4.7	1.4	.5						12.9	11.5
WNW	.5	.5	1.8	2.9	.8	.1	.1					6.8	11.8
NW	.5	.6	2.6	1.9	.3	.2						6.5	10.3
NNW	.1	1.0	1.9	2.0								5.1	9.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	3.2	
	6.3	19.8	32.9	30.2	6.1	1.2	.2					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 — STATION
WRIGHT-PATTERSON AFB OH — STATION NAME
67-70,73-78 — YEARS
DEC — MONTH
ALL WEATHER — CLASS
1500-1700 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.2	1.5	1.2								4.7	8.0
NNE	.5	1.3	.9	1.0								3.7	7.5
NE	.2	.3	.5	.5								1.6	8.1
ENE	.4	1.0	.1									1.5	4.1
E	1.0	2.9	1.3	.1								5.3	5.6
ESE	.3	2.7	1.5	.2								4.7	6.2
SE	.8	1.0	1.1	.2								3.0	6.2
SSE	.4	1.0	2.3	.3	.1							4.1	7.9
S	.4	2.0	3.2	1.4								7.1	8.0
SSW	.4	1.4	3.2	3.4	.3							8.8	9.8
SW	.8	1.3	2.7	3.3	.6	.4						9.1	10.7
WSW	.4	1.1	2.3	2.9	.8	.1	.1					7.6	11.1
W	.6	1.9	4.3	7.1	.9	.2						15.1	11.2
WNW	.3	1.3	1.9	5.2	.5							9.2	11.4
NW	.1	1.1	1.5	1.9								4.6	9.3
NNW	.5	.8	1.3	2.2	.1							4.8	9.4
VARBL													
CALM												4.9	
	8.2	22.2	29.6	31.0	3.3	.8	.1					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 930

7968

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840	WRIGHT-PATTERSON AFB OH	67-72,73-78	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

1800-2000 (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	1.4	1.2	1.5	1.1								5.2	7.0
NNE	.4	1.1	.8	.4								2.7	6.8
NE	1.2	1.2	.3	.4								3.1	5.5
ENE	1.0	1.8	.6	.1								3.6	4.8
E	.8	2.2	1.9									4.8	5.8
ESE	1.0	2.2	.8									3.9	4.9
SE	1.3	1.6	1.0									3.9	4.9
SSE	.5	1.6	1.5	.2								3.9	6.2
S	1.3	3.6	2.0	1.4	.2							8.5	7.0
SSW	1.4	2.6	1.6	1.6	.4							7.7	7.7
SW	1.0	1.7	1.5	1.6	.4		.1					6.4	8.8
WSW	.8	1.7	2.8	1.8	.3	.3	.2					8.0	10.0
W	.6	2.3	3.8	4.3	.1	.1						11.2	9.6
WNW	.6	1.5	2.6	4.2	.2	.1						9.4	10.0
NW	.3	.3	2.3	1.1	.3	.3						4.6	10.9
NNW	.2	.9	1.0	.8								2.8	8.4
VARBL													
CALM												10.5	
	12.3	27.4	26.0	19.1	2.2	.9	.3					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-73,73-78 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 2100-2500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.3	1.6	1.2								5.0	7.6
NNE	.9	.5	.3									1.7	4.3
NE	1.3	1.5	.4	.8								3.7	6.4
ENE	.5	.3	.4	.1								1.4	5.7
E	1.5	1.9	2.8									6.3	5.6
ESE	.9	1.1	.9	.1								2.9	5.4
SE	.3	.8	1.0				.1					2.2	7.1
SSE	2.0	2.3	1.5	.2	.1							5.9	5.1
S	1.6	2.9	1.9	.5	.2							7.2	6.3
SSW	1.4	3.2	2.5	2.2	.3	.1	.1					9.8	8.2
SW	.6	1.3	1.6	1.6	.4	.2						5.8	9.9
WSW	.7	1.4	1.3	1.3	.5	.3						5.1	10.4
W	1.0	1.8	3.8	3.1	1.0	.1						10.8	9.7
WNW	.9	.8	4.3	2.8	.9	.1						9.6	10.5
NW	.5	1.0	1.7	1.9								5.2	8.9
NNW	.4	.4	1.7	1.0	.1							3.7	8.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	13.8	
	14.6	22.5	27.6	16.8	3.6	.9	.2					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 927

7939

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13940 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) DEC (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	1.7	1.2	1.6	1.2	.?							5.2	7.8
NNE	.7	.8	.7	.4								2.6	6.2
NE	.7	.?	.7	.3								2.5	6.1
ENE	.6	.7	.4	.2	.?	.0						1.9	5.8
E	1.?	1.9	1.6	.3	.?							4.9	6.1
ESE	.7	1.6	1.0	.2								3.5	5.7
SE	.8	1.1	1.?	.2	.?		.0					3.1	5.9
SSE	1.1	1.8	1.3	.2	.1							4.5	5.2
S	1.2	2.9	2.2	1.2	.1	.0						7.6	7.0
SSW	.8	2.6	3.2	2.2	.4	.?	.0					9.3	6.6
SW	.8	1.5	2.2	2.5	.5	.1	.1					7.7	9.8
WSW	.7	1.3	2.3	2.2	.6	.2	.0					7.3	10.2
W	.9	1.9	4.6	4.5	.8	.3	.?					12.3	10.6
WNW	.6	1.0	2.6	3.2	.5	.1	.0					8.1	10.5
NW	.4	.9	2.0	1.4	.1	.1						4.9	9.1
NNW	.4	.3	1.4	1.1	.0							3.6	8.5
VARBL													
CALM												11.1	
	12.2	23.0	28.4	21.1	3.2	.9	.1					1?0.0	7.5

TOTAL NUMBER OF OBSERVATIONS 7434

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
13840	WRIGHT-PATTERSON AFB OH	67-70, 73-79	ALL

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	1.6	2.2	1.7	.7	.1	.0						6.2	6.3
NNE	1.2	1.2	.9	.4	.1	.0						3.8	5.9
NE	1.1	1.2	.9	.3	.1	.0						3.5	5.9
ENE	.9	.9	.6	.2	.1	.0						2.6	5.4
E	1.0	1.4	.9	.2	.0							3.5	5.6
ESE	.7	1.1	.6	.1	.0							2.5	5.3
SE	.7	.9	.6	.2	.0	.0	.0					2.5	5.6
SSE	1.1	1.6	1.0	.3	.0	.0						4.0	5.6
S	1.5	2.7	2.1	.8	.1	.0						7.1	6.5
SSW	1.3	2.5	2.6	1.6	.2	.1	.0	.0				8.2	7.8
SW	1.2	1.9	2.0	1.8	.3	.1	.0					7.2	8.4
WSW	.9	1.7	2.2	1.7	.3	.1	.0	.0				7.0	8.8
W	1.0	2.1	3.1	2.7	.6	.2	.0	.0				9.7	9.5
WNW	.6	1.2	1.6	1.4	.3	.1	.0					5.2	9.1
NW	.6	1.1	1.4	.8	.1	.0	.0					4.0	8.0
NNW	.7	1.4	1.4	.6	.0	.0	.0					4.2	7.0
VARBL													
CALM												18.8	
	16.0	25.0	23.6	13.9	2.1	.6	.1	.0				100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 87626

7990

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14840	WRIGHT-PATTERSON AFB OH	67-76,73-79	ALL
STATION	STATION NAME	YEARS	MONTH

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

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE, AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE — CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.5	2.8	1.8	.3							8.9	7.7
NNE	1.1	1.5	1.4	1.0	.2	.0						5.2	7.5
NE	1.1	1.3	1.3	.7	.1	.0						4.5	7.0
ENE	.9	1.1	.8	.3	.0	.0						3.0	6.1
E	1.0	1.7	1.2	.3	.0							4.2	5.9
ESE	.8	1.2	.8	.1	.0							2.9	5.4
SE	.7	1.0	.7	.2	.0							2.5	5.9
SSE	1.0	1.4	1.1	.3	.0							3.8	5.8
S	1.1	2.4	1.6	.6	.1	.0						5.8	6.5
SSW	1.3	2.1	2.3	1.1	.1							6.7	7.4
SW	1.3	1.7	1.8	1.4	.1	.1	.0					6.3	8.0
WSW	.7	1.6	1.9	1.4	.4	.1	.0					5.9	9.0
W	.8	1.9	2.9	2.4	.6	.2	.0	.0				8.8	9.7
WNW	.5	1.0	1.5	1.5	.2	.1						4.7	9.3
NW	.5	1.2	2.0	1.1	.2	.0						5.1	8.4
NNW	.7	1.5	1.9	1.1	.1	.0						5.3	7.8
VARBL													
CALM												16.5	
	14.4	25.1	25.8	15.2	2.4	.5	.1	.0				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 11679

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.

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	≥ 6	≥ 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										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under colum 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 ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 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.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 63-70,73-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	26.3	31.7	32.7	32.8	33.3	34.0	34.5	34.5	34.5	34.5	34.6	34.6	34.8	34.9	34.9	34.9
≥ 20000	28.3	33.2	33.8	34.3	34.8	35.5	36.1	36.1	36.1	36.1	36.2	36.2	36.5	36.6	36.6	36.6
≥ 18000	28.0	33.2	33.9	34.3	34.8	35.5	36.1	36.1	36.1	36.1	36.2	36.2	36.5	36.6	36.6	36.6
≥ 16000	28.2	33.4	34.0	34.5	35.1	35.7	36.3	36.3	36.3	36.3	36.5	36.5	36.7	36.8	36.8	36.8
≥ 14000	28.5	33.8	34.3	34.8	35.4	36.0	36.7	36.7	36.7	36.7	36.8	36.8	37.0	37.1	37.1	37.1
≥ 12000	28.4	34.7	35.3	35.8	36.3	37.0	37.7	37.7	37.7	37.8	38.0	38.0	38.2	38.3	38.3	38.3
≥ 10000	31.0	36.3	36.9	37.4	38.0	38.6	39.4	39.4	39.4	39.5	39.6	39.6	39.8	39.9	39.9	39.9
≥ 9000	31.2	36.9	37.4	38.0	38.5	39.1	39.9	39.9	39.9	40.0	40.1	40.1	40.3	40.4	40.4	40.4
≥ 8000	33.1	39.1	40.0	41.2	41.8	42.5	43.2	43.2	43.2	43.3	43.4	43.4	43.7	43.8	43.8	43.8
≥ 7000	33.8	41.1	41.0	42.2	42.8	43.4	44.2	44.2	44.2	44.3	44.4	44.4	44.6	44.7	44.7	44.7
≥ 6000	34.9	41.6	42.5	43.7	44.3	44.9	45.7	45.7	45.7	45.8	45.9	45.9	46.1	46.2	46.2	46.2
≥ 5000	36.9	44.2	45.2	46.3	47.0	47.6	48.4	48.4	48.4	48.5	48.6	48.6	48.8	48.9	48.9	48.9
≥ 4500	38.1	45.1	46.8	48.0	48.7	49.4	50.1	50.1	50.1	50.2	50.3	50.3	50.5	50.6	50.6	50.6
≥ 4000	38.7	46.7	47.8	49.0	49.8	50.4	51.2	51.2	51.2	51.3	51.4	51.4	51.6	51.7	51.7	51.7
≥ 3500	40.3	49.2	50.3	51.5	52.4	53.1	53.9	53.9	53.9	54.0	54.1	54.1	54.3	54.4	54.4	54.4
≥ 3000	41.8	51.4	52.6	53.9	55.1	55.9	56.7	56.7	56.7	56.8	56.9	56.9	57.1	57.2	57.2	57.2
≥ 2500	44.3	54.8	56.3	57.6	59.0	60.2	61.2	61.3	61.3	61.4	61.5	61.5	61.7	61.8	61.8	61.8
≥ 2000	47.3	59.4	61.2	62.6	64.2	65.8	67.1	67.4	67.4	67.6	67.8	67.8	68.1	68.2	68.2	68.2
≥ 1800	49.2	62.2	64.0	65.4	67.1	68.8	70.1	70.4	70.4	70.6	70.9	70.9	71.1	71.2	71.2	71.2
≥ 1500	51.9	66.1	68.2	69.6	71.7	73.4	74.8	75.3	75.3	75.8	76.0	76.0	76.2	76.3	76.3	76.3
≥ 1200	53.0	69.6	72.4	74.2	76.8	78.5	80.0	80.5	80.5	81.1	81.3	81.3	81.5	81.6	81.6	81.6
≥ 1000	53.4	70.8	73.9	75.9	79.0	80.8	82.5	83.1	83.1	83.9	84.5	84.5	84.7	84.8	84.8	84.8
≥ 900	53.8	71.6	74.9	77.0	80.3	82.0	83.8	84.5	84.5	85.3	85.9	85.9	86.1	86.2	86.2	86.2
≥ 800	54.0	72.2	75.9	77.5	82.0	84.1	86.2	87.0	87.1	88.0	88.6	88.6	88.8	88.9	88.9	88.9
≥ 700	54.1	72.6	76.1	78.7	83.5	85.6	87.7	88.7	88.8	89.8	90.5	90.5	90.8	90.9	90.9	90.9
≥ 600	54.1	72.9	76.7	79.9	85.3	87.4	89.8	90.8	91.0	91.9	92.7	92.7	92.9	93.0	93.0	93.0
≥ 500	54.1	72.9	76.7	80.0	86.0	88.5	91.1	92.3	92.6	93.7	94.4	94.4	94.7	94.8	94.8	94.8
≥ 400	54.1	72.9	76.7	80.0	86.0	88.6	91.2	92.9	93.2	94.4	95.3	95.4	95.7	95.8	95.8	95.8
≥ 300	54.1	72.9	76.7	80.0	86.0	88.6	91.2	93.7	94.2	95.4	96.6	96.7	97.0	97.1	97.1	97.2
≥ 200	54.1	72.9	76.7	80.0	86.0	88.6	91.2	93.9	94.9	96.1	97.3	97.4	98.4	98.5	98.7	98.8
≥ 100	54.1	72.9	76.7	80.0	86.0	88.6	91.2	93.9	94.9	96.1	97.3	97.4	98.4	98.6	98.8	99.1
0	54.1	72.9	76.7	80.0	86.0	88.6	91.2	93.9	94.9	96.1	97.3	97.4	98.4	98.6	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

C319

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (YEARS) | JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	24.5	29.5	29.9	31.4	31.1	31.5	31.7	31.9	31.9	31.9	31.9	31.9	32.2	32.2	32.3	32.5
≥ 20000	25.3	30.9	31.4	32.0	32.7	33.1	33.3	33.5	33.5	33.5	33.5	33.5	33.8	33.8	33.9	34.1
≥ 18000	25.3	30.9	31.4	32.0	32.7	33.1	33.3	33.5	33.5	33.5	33.5	33.5	33.8	33.8	33.9	34.1
≥ 16000	25.4	31.0	31.5	32.2	32.8	33.2	33.4	33.7	33.7	33.7	33.7	33.7	33.9	33.9	34.0	34.2
≥ 14000	25.7	31.4	31.9	32.6	33.2	33.7	33.9	34.1	34.1	34.1	34.1	34.1	34.3	34.3	34.4	34.6
≥ 12000	26.2	32.0	32.6	33.2	33.9	34.3	34.5	34.7	34.7	34.7	34.7	34.7	34.9	34.9	35.1	35.3
≥ 10000	27.7	34.2	34.7	35.4	36.0	36.5	36.7	36.9	36.9	36.9	36.9	36.9	37.1	37.1	37.2	37.4
≥ 9000	28.0	34.5	35.1	35.7	36.3	36.8	37.0	37.2	37.2	37.2	37.2	37.2	37.4	37.4	37.5	37.7
≥ 8000	30.2	36.9	37.4	38.3	39.0	39.5	39.7	39.9	39.9	39.9	39.9	39.9	40.1	40.1	40.2	40.4
≥ 7000	30.5	37.4	38.0	38.8	39.6	40.0	40.3	40.5	40.5	40.5	40.5	40.5	40.8	40.8	40.9	41.2
≥ 6000	32.4	39.6	40.1	41.4	42.2	42.6	42.9	43.1	43.1	43.1	43.1	43.1	43.3	43.3	43.4	43.6
≥ 5000	33.9	41.5	42.3	43.5	44.3	44.7	45.1	45.3	45.3	45.3	45.3	45.3	45.5	45.5	45.6	45.9
≥ 4500	34.5	42.5	43.3	44.6	45.5	46.0	46.3	46.6	46.6	46.6	46.6	46.6	46.8	46.8	46.9	47.2
≥ 4000	36.0	44.3	45.4	46.8	47.8	48.7	49.0	49.2	49.2	49.2	49.2	49.2	49.5	49.5	49.6	49.9
≥ 3500	37.1	45.8	46.9	48.4	49.3	50.8	51.1	51.3	51.3	51.3	51.3	51.3	51.5	51.5	51.6	51.9
≥ 3000	38.4	48.5	49.7	51.2	53.1	54.1	54.4	54.7	54.7	54.8	54.8	54.8	55.1	55.1	55.2	55.5
≥ 2500	40.0	51.2	52.4	54.6	56.8	57.7	58.2	58.6	58.6	58.7	58.7	58.7	58.9	58.9	59.0	59.4
≥ 2000	42.0	55.6	57.6	59.4	61.8	62.9	63.3	64.1	64.1	64.2	64.2	64.2	64.4	64.4	64.5	64.8
≥ 1800	43.0	57.5	59.6	61.6	64.4	65.6	66.0	66.8	66.9	67.0	67.0	67.0	67.2	67.2	67.3	67.6
≥ 1500	46.0	62.8	64.8	67.3	70.4	71.8	72.3	73.0	73.1	73.3	73.3	73.3	73.5	73.5	73.7	74.0
≥ 1200	48.0	66.5	68.5	71.3	74.5	75.9	76.3	77.4	77.5	77.8	77.8	77.8	78.1	78.1	78.2	78.5
≥ 1000	48.4	68.4	71.0	74.2	77.8	79.6	80.1	81.2	81.3	81.8	82.0	82.0	82.3	82.3	82.4	82.7
≥ 900	49.0	70.3	72.9	76.6	80.5	82.5	83.0	84.2	84.3	84.9	85.2	85.2	85.4	85.4	85.5	85.8
≥ 800	49.0	70.8	73.3	77.3	81.8	83.9	84.7	86.2	86.5	87.3	87.5	87.5	87.7	87.7	87.8	88.2
≥ 700	49.0	71.2	73.8	78.1	82.8	84.8	85.7	87.2	87.7	89.0	89.4	89.4	89.6	89.6	89.7	90.0
≥ 600	49.1	71.6	74.3	79.1	84.2	86.2	87.2	88.7	89.2	90.8	91.1	91.1	91.3	91.3	91.4	91.7
≥ 500	49.1	71.7	74.5	79.6	84.9	87.2	88.4	90.1	90.8	92.6	93.0	93.0	93.3	93.3	93.4	93.8
≥ 400	49.1	71.7	74.5	79.7	85.2	87.4	88.6	90.6	91.3	93.2	93.7	93.7	94.0	94.0	94.1	94.4
≥ 300	49.1	71.9	74.7	79.9	85.4	87.6	88.9	91.9	92.8	94.7	95.5	95.5	95.8	95.8	95.9	96.3
≥ 200	49.1	71.9	74.7	79.9	85.4	87.6	88.9	91.9	93.0	94.9	96.0	96.0	96.7	96.7	96.9	97.6
≥ 100	49.1	71.9	74.7	79.9	85.4	87.6	89.0	92.3	93.3	95.4	96.6	96.6	97.3	97.5	98.5	99.5
≥ 0	49.1	71.9	74.7	79.9	85.4	87.6	89.0	92.3	93.3	95.4	96.6	96.6	97.3	97.5	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (YEARS) | JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	22.7	29.8	29.9	31.0	31.7	32.3	32.4	32.7	32.7	32.7	32.8	32.8	32.8	32.8	32.8	32.9
≥ 20000	23.4	31.0	31.4	32.6	33.3	33.9	34.0	34.3	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.5
≥ 18000	23.4	31.0	31.4	32.6	33.3	34.0	34.1	34.4	34.4	34.4	34.5	34.5	34.5	34.5	34.5	34.6
≥ 16000	23.7	30.2	31.6	32.6	33.5	34.2	34.3	34.6	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.8
≥ 14000	24.0	30.6	32.0	33.2	34.0	34.6	34.7	35.1	35.1	35.1	35.2	35.2	35.2	35.2	35.2	35.3
≥ 12000	24.1	30.7	32.3	33.5	34.4	35.1	35.2	35.5	35.5	35.5	35.6	35.6	35.6	35.6	35.6	35.7
≥ 10000	25.7	33.1	34.5	36.0	36.9	37.5	37.6	38.0	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.2
≥ 9000	25.8	33.5	34.9	36.5	37.3	38.0	38.1	38.4	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.6
≥ 8000	27.1	35.1	36.5	38.2	39.1	39.8	39.9	40.2	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.4
≥ 7000	28.1	36.2	37.6	39.4	40.4	41.1	41.2	41.6	41.8	41.8	41.9	41.9	41.9	41.9	41.9	42.0
≥ 6000	29.5	38.1	39.5	41.3	42.4	43.1	43.1	43.5	43.8	43.8	43.9	43.9	43.9	43.9	43.9	44.0
≥ 5000	30.4	39.4	41.0	43.0	44.2	44.9	45.1	45.5	45.7	45.7	45.9	45.8	45.8	45.8	45.8	45.9
≥ 4500	30.8	39.9	41.8	43.9	45.1	45.8	45.9	46.3	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.8
≥ 4000	31.3	40.9	43.1	45.3	46.5	47.2	47.3	47.7	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.2
≥ 3500	32.3	42.2	44.4	46.8	48.0	48.7	48.8	49.2	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.7
≥ 3000	32.9	44.0	46.3	48.2	51.0	52.2	52.4	52.6	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.3
≥ 2500	34.5	46.2	49.0	52.2	54.3	55.6	55.9	56.6	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.1
≥ 2000	36.5	49.9	52.9	56.5	58.8	60.4	60.9	61.6	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.2
≥ 1800	36.9	50.9	53.9	57.4	60.1	61.7	62.2	62.9	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.4
≥ 1500	38.8	54.5	57.7	61.4	64.3	66.3	66.5	67.5	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.1
≥ 1200	40.4	58.0	61.6	66.0	69.1	71.0	71.9	73.2	73.8	73.8	73.9	73.9	73.9	73.9	73.9	74.0
≥ 1000	41.0	60.0	64.4	69.6	73.5	75.6	76.7	78.1	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.9
≥ 900	41.6	62.0	67.0	73.0	77.6	79.8	81.1	83.0	83.7	83.8	83.9	83.9	83.9	83.9	83.9	84.0
≥ 800	41.7	62.6	68.0	74.3	79.4	81.7	83.2	85.4	86.0	86.3	86.5	86.5	86.5	86.5	86.5	86.6
≥ 700	41.8	63.1	68.7	75.1	80.5	83.1	84.7	87.2	88.0	88.5	88.6	88.6	88.8	88.8	88.9	89.0
≥ 600	41.8	63.1	68.7	75.2	80.6	83.3	85.3	88.1	88.8	89.5	89.7	89.7	90.0	90.0	90.1	90.2
≥ 500	41.8	63.4	69.2	75.8	81.4	84.3	86.5	89.4	90.5	91.5	92.0	92.0	92.5	92.5	92.6	92.7
≥ 400	41.8	63.4	69.2	75.9	81.8	85.3	87.4	90.6	92.2	93.2	94.1	94.2	94.8	94.8	94.9	95.1
≥ 300	41.8	63.4	69.2	76.0	81.9	85.6	87.8	91.5	93.2	94.4	95.8	95.9	96.6	96.6	96.7	96.8
≥ 200	41.8	63.4	69.2	76.0	82.0	85.7	88.2	92.2	94.0	95.6	97.0	97.1	97.8	98.0	98.1	98.2
≥ 100	41.8	63.4	69.2	76.0	82.0	85.7	88.2	92.4	94.2	96.1	97.6	97.7	98.8	99.0	99.1	99.4
≥ 0	41.8	63.4	69.2	76.0	82.0	85.7	88.2	92.4	94.2	96.1	97.6	97.7	98.8	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13640 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-7° (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	18.4	28.4	29.8	30.4	31.1	31.7	31.8	32.5	32.6	32.6	32.7	32.7	32.8	32.9	32.9	32.9
≥ 20000	19.1	29.9	31.5	32.5	33.1	33.8	33.9	34.5	34.7	34.7	34.8	34.8	34.9	35.1	35.1	35.1
≥ 18000	19.2	30.3	31.8	32.7	33.3	34.0	34.1	34.7	34.9	34.9	35.1	35.1	35.2	35.3	35.3	35.3
≥ 16000	19.2	30.1	31.7	32.8	33.4	34.1	34.2	34.8	35.1	35.1	35.2	35.2	35.3	35.4	35.4	35.4
≥ 14000	19.6	30.4	32.0	33.1	33.8	34.4	34.5	35.2	35.4	35.4	35.5	35.5	35.6	35.7	35.7	35.7
≥ 12000	20.1	31.5	33.3	34.5	35.2	35.8	35.9	36.6	36.8	36.8	36.9	36.9	37.0	37.1	37.1	37.1
≥ 10000	21.0	33.3	35.2	36.5	37.3	38.1	38.2	38.8	39.0	39.0	39.1	39.1	39.2	39.4	39.4	39.4
≥ 9000	21.3	34.0	35.8	37.1	38.0	38.7	39.8	39.5	39.7	39.7	39.8	39.8	39.9	40.0	40.0	40.0
≥ 8000	22.0	36.0	38.2	39.6	40.6	41.4	41.5	42.2	42.4	42.4	42.5	42.5	42.6	42.7	42.7	42.7
≥ 7000	23.0	38.0	40.2	41.6	42.8	43.5	43.7	44.3	44.5	44.5	44.6	44.6	44.7	44.8	44.8	44.8
≥ 6000	24.0	39.7	41.9	43.4	44.6	45.5	45.6	46.2	46.5	46.5	46.6	46.6	46.7	46.8	46.8	46.8
≥ 5000	24.4	40.3	42.6	44.2	45.6	46.7	46.8	47.4	47.6	47.6	47.7	47.7	47.8	48.0	48.0	48.0
≥ 4500	24.7	40.9	43.1	44.7	46.2	47.3	47.4	48.1	48.3	48.3	48.4	48.4	48.5	48.6	48.6	48.6
≥ 4000	24.8	41.6	44.0	45.8	47.4	48.5	48.9	49.6	49.9	49.9	50.0	50.0	50.1	50.2	50.2	50.2
≥ 3500	24.9	42.3	44.8	46.9	48.5	49.6	50.0	50.8	51.1	51.2	51.3	51.3	51.4	51.5	51.5	51.5
≥ 3000	25.6	43.7	46.5	48.6	50.3	51.4	51.9	52.7	53.1	53.3	53.5	53.5	53.7	53.3	53.8	53.8
≥ 2500	26.3	45.3	48.2	50.4	52.8	54.1	54.7	55.8	56.2	56.5	56.7	56.7	56.8	56.9	56.9	56.9
≥ 2000	28.3	48.6	52.2	54.8	57.7	59.2	60.1	61.6	62.2	62.7	62.9	62.9	63.0	63.1	63.1	63.1
≥ 1800	29.1	49.6	53.4	56.3	59.2	60.9	61.7	63.3	64.0	64.5	64.7	64.7	64.8	64.9	64.9	64.9
≥ 1500	30.3	52.7	57.3	60.6	64.1	65.9	67.0	68.8	69.6	70.4	70.9	70.9	71.0	71.1	71.1	71.1
≥ 1200	30.6	54.8	60.2	63.7	68.2	70.3	72.9	73.9	74.8	75.8	76.5	76.5	76.6	76.7	76.7	76.7
≥ 1000	30.9	56.5	62.3	66.2	71.7	74.1	75.7	78.0	78.9	80.2	81.1	81.1	81.2	81.3	81.3	81.3
≥ 900	31.1	57.5	63.9	68.0	74.2	77.0	78.7	81.2	82.5	84.0	84.6	84.8	84.9	85.1	85.1	85.1
≥ 800	31.4	58.5	65.1	69.5	76.2	79.1	81.0	83.4	84.9	86.6	87.4	87.4	87.5	87.6	87.6	87.6
≥ 700	31.4	58.5	65.3	69.9	77.0	80.1	82.2	84.9	86.5	88.2	89.2	89.2	89.6	89.8	89.8	89.8
≥ 600	31.4	58.7	65.6	70.6	78.1	81.4	83.8	87.3	88.9	90.8	92.0	92.3	92.7	92.9	92.9	92.9
≥ 500	31.4	58.7	65.6	70.8	78.6	82.2	85.5	89.6	91.3	93.3	94.8	95.1	96.0	96.2	96.2	96.2
≥ 400	31.4	58.7	65.6	70.8	78.6	82.3	85.6	89.8	91.6	94.3	95.8	96.0	97.1	97.3	97.4	97.4
≥ 300	31.4	58.7	65.6	70.8	78.6	82.3	85.6	90.1	92.0	94.7	97.2	97.4	98.5	98.7	98.8	98.8
≥ 200	31.4	58.7	65.6	70.8	78.6	82.3	85.6	90.3	92.3	95.1	97.5	97.7	98.8	99.1	99.2	99.2
≥ 100	31.4	58.7	65.6	70.8	78.6	82.3	85.6	90.3	92.3	95.1	97.5	97.7	98.9	99.2	99.4	99.6
≥ 0	31.4	58.7	65.6	70.8	78.6	82.3	85.6	90.3	92.3	95.1	97.5	97.7	98.9	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	21.6	30.6	31.3	32.0	33.3	33.3	33.5	33.8	33.8	33.8	34.1	34.1	34.1	34.1	34.1	34.1
≥ 20000	24.4	34.8	35.5	36.5	37.8	37.8	38.2	38.4	38.4	38.4	38.7	38.7	38.7	38.7	38.7	38.7
≥ 18000	24.9	35.3	35.9	36.9	38.3	38.3	38.6	38.8	38.8	38.8	39.1	39.1	39.1	39.1	39.1	39.1
≥ 16000	24.8	35.3	35.9	36.9	38.3	38.3	38.6	38.8	38.8	38.8	39.1	39.1	39.1	39.1	39.1	39.1
≥ 14000	25.3	35.7	36.3	37.3	38.7	38.7	39.0	39.2	39.2	39.2	39.6	39.6	39.6	39.6	39.6	39.6
≥ 12000	25.7	36.2	37.0	38.4	39.9	39.9	40.2	40.4	40.4	40.4	40.8	40.8	40.8	40.8	40.8	40.8
≥ 10000	26.9	38.5	39.2	40.4	41.9	41.9	42.3	42.5	42.5	42.5	42.8	42.8	42.8	42.8	42.8	42.8
≥ 9000	27.4	39.7	40.5	41.7	43.2	43.2	43.5	43.8	43.8	43.8	44.1	44.1	44.1	44.1	44.1	44.1
≥ 8000	29.3	43.4	44.3	45.5	47.0	47.0	47.3	47.5	47.5	47.5	47.8	47.8	47.8	47.8	47.8	47.8
≥ 7000	31.0	44.2	46.0	47.4	48.9	48.9	49.2	49.5	49.5	49.5	49.8	49.8	49.8	49.8	49.8	49.8
≥ 6000	31.4	46.1	47.3	48.7	50.2	50.2	50.5	50.8	50.8	50.8	51.1	51.1	51.1	51.1	51.1	51.1
≥ 5000	31.7	46.7	47.8	49.5	51.0	51.0	51.3	51.5	51.5	51.5	51.8	51.8	51.8	51.8	51.8	51.8
≥ 4500	31.8	47.0	48.4	50.2	51.8	51.8	52.2	52.4	52.4	52.4	52.7	52.7	52.7	52.7	52.7	52.7
≥ 4000	32.4	48.1	49.7	51.8	53.8	53.8	54.1	54.3	54.3	54.3	54.6	54.6	54.6	54.6	54.6	54.6
≥ 3500	33.3	49.2	50.9	53.3	55.5	55.5	55.9	56.1	56.1	56.1	56.5	56.5	56.5	56.5	56.5	56.5
≥ 3000	34.8	51.5	53.2	55.9	58.4	58.4	58.8	59.1	59.2	59.2	59.6	59.6	59.6	59.6	59.6	59.6
≥ 2500	36.0	54.2	56.1	58.9	61.6	61.6	62.3	62.6	62.8	62.8	63.1	63.1	63.1	63.1	63.1	63.1
≥ 2000	38.9	57.5	60.3	63.4	66.2	66.5	67.2	67.5	67.8	67.8	68.2	68.2	68.2	68.2	68.2	68.2
≥ 1800	39.2	58.9	61.7	64.9	67.8	68.1	68.8	69.1	69.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8
≥ 1500	40.4	62.3	66.2	70.3	73.4	73.8	74.6	75.2	75.5	75.6	75.9	75.9	75.9	75.9	75.9	75.9
≥ 1200	41.4	65.2	70.5	75.5	78.9	79.4	80.3	80.9	81.2	81.4	81.8	81.8	81.8	81.8	81.8	81.8
≥ 1000	41.4	65.7	71.4	76.7	80.6	81.4	82.6	83.1	83.5	83.9	84.4	84.4	84.5	84.5	84.5	84.5
≥ 900	41.6	66.3	72.3	78.0	82.5	83.5	85.1	85.7	86.2	87.0	87.5	87.5	87.7	87.7	87.7	87.7
≥ 800	41.6	66.3	72.7	78.6	83.7	84.8	86.5	87.4	88.3	89.2	89.9	89.9	90.1	90.1	90.1	90.1
≥ 700	41.6	66.8	72.8	79.0	84.5	85.9	88.1	89.4	90.3	91.4	92.0	92.0	92.3	92.3	92.3	92.3
≥ 600	41.6	66.8	72.9	79.2	85.4	86.8	89.0	90.4	91.6	92.7	93.5	93.7	94.0	94.0	94.0	94.0
≥ 500	41.6	66.9	73.0	79.4	86.0	87.7	90.6	92.4	93.7	94.8	95.8	96.0	96.6	96.6	96.6	96.6
≥ 400	41.6	66.9	73.0	79.5	86.1	87.8	91.4	93.3	94.7	96.0	97.2	97.3	98.2	98.2	98.2	98.2
≥ 300	41.6	66.9	73.0	79.5	86.1	87.8	91.4	93.5	95.1	96.6	97.8	98.0	98.9	99.0	99.0	99.0
≥ 200	41.6	66.9	73.0	79.5	86.1	87.8	91.4	93.7	95.2	96.7	98.1	98.2	99.2	99.4	99.4	99.4
≥ 100	41.6	66.9	73.0	79.5	86.1	87.8	91.4	93.7	95.2	96.7	98.1	98.2	99.2	99.5	99.6	99.7
≥ 0	41.6	66.9	73.0	79.5	86.1	87.8	91.4	93.7	95.2	96.7	98.1	98.2	99.2	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 69 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 08-70,73-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	25.3	35.2	36.3	36.8	37.4	37.4	37.5	37.5	37.5	37.5	37.7	37.7	37.7	37.7	37.7	37.7
≥ 20000	28.4	36.6	39.8	40.3	41.2	41.2	41.3	41.3	41.4	41.4	41.6	41.6	41.6	41.6	41.6	41.6
≥ 18000	28.6	38.6	40.	40.5	41.4	41.4	41.5	41.5	41.6	41.6	41.8	41.8	41.8	41.8	41.8	41.8
≥ 16000	28.7	38.9	40.1	40.6	41.5	41.5	41.6	41.6	41.7	41.7	41.9	41.9	41.9	41.9	41.9	41.9
≥ 14000	29.3	39.2	40.4	41.1	41.9	41.9	42.0	42.0	42.2	42.2	42.4	42.4	42.4	42.4	42.4	42.4
≥ 12000	30.4	41.3	42.5	43.1	44.3	44.3	44.4	44.4	44.5	44.5	44.7	44.7	44.7	44.7	44.7	44.7
≥ 10000	32.2	43.9	45.1	45.7	46.6	46.9	47.0	47.0	47.1	47.1	47.3	47.3	47.3	47.3	47.3	47.3
≥ 9000	32.9	44.7	45.9	46.6	47.4	47.7	47.8	47.8	48.0	48.0	48.2	48.2	48.2	48.2	48.2	48.2
≥ 8000	34.0	47.6	48.8	49.6	50.4	50.8	50.9	50.9	51.0	51.0	51.2	51.2	51.2	51.2	51.2	51.2
≥ 7000	36.0	49.1	50.8	51.5	52.4	52.7	52.9	52.9	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2
≥ 6000	36.9	50.0	51.7	52.5	53.3	53.7	53.9	53.9	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2
≥ 5000	37.3	50.5	52.4	53.1	54.0	54.3	54.5	54.5	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8
≥ 4500	37.7	51.2	53.0	53.8	54.6	54.9	55.2	55.2	55.3	55.3	55.5	55.5	55.5	55.5	55.5	55.5
≥ 4000	38.2	51.9	53.9	55.2	56.0	56.3	56.6	56.6	56.7	56.7	56.9	56.9	56.9	56.9	56.9	56.9
≥ 3500	38.6	52.9	54.9	56.2	57.2	57.5	57.7	57.7	57.8	57.8	58.1	58.1	58.1	58.1	58.1	58.1
≥ 3000	40.0	54.9	57.1	58.8	59.9	60.4	60.8	60.8	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1
≥ 2500	42.4	59.1	61.3	63.2	64.5	65.1	65.4	65.5	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8
≥ 2000	44.4	63.1	65.9	68.2	69.7	70.2	70.9	71.0	71.3	71.4	71.6	71.6	71.6	71.6	71.7	71.7
≥ 1800	45.4	64.7	67.6	70.1	71.7	72.4	73.0	73.1	73.4	73.5	73.8	73.8	73.8	73.8	73.9	73.9
≥ 1500	46.3	67.3	71.1	74.6	76.2	77.1	77.8	78.1	78.4	78.5	78.6	78.6	78.9	78.9	79.0	79.0
≥ 1200	46.3	68.8	73.5	78.4	80.1	81.1	81.9	82.2	82.5	82.6	82.9	82.9	83.0	83.0	83.1	83.1
≥ 1000	46.3	69.1	74.6	80.1	82.2	83.3	84.5	84.7	85.2	85.4	85.7	85.7	85.8	85.8	85.9	85.9
≥ 900	46.3	69.2	74.8	80.9	83.1	84.4	85.9	86.5	87.0	87.5	88.0	88.0	88.4	88.4	88.5	88.5
≥ 800	46.3	69.6	75.3	81.6	84.1	85.5	87.0	88.1	88.7	89.5	90.0	90.1	90.6	90.6	90.8	90.8
≥ 700	46.3	69.8	75.5	82.0	85.1	86.7	88.4	89.8	90.4	91.3	91.8	91.9	92.6	92.6	92.7	92.7
≥ 600	46.3	69.9	75.6	82.4	85.6	87.4	89.2	91.0	91.7	92.7	93.3	93.5	94.3	94.3	94.4	94.4
≥ 500	46.5	70.1	75.8	82.6	85.8	87.7	89.7	91.7	92.5	93.4	94.4	94.8	96.0	96.1	96.2	96.2
≥ 400	46.5	70.1	75.8	82.6	85.8	87.7	89.9	92.0	93.1	94.2	95.3	95.9	97.1	97.3	97.4	97.4
≥ 300	46.6	70.2	76.0	82.9	86.1	88.1	90.2	92.4	93.5	94.9	96.0	96.7	98.3	98.6	98.8	98.8
≥ 200	46.6	70.2	76.0	82.9	86.1	88.1	90.2	92.4	93.6	95.1	96.6	97.2	98.9	99.2	99.6	99.6
≥ 100	46.6	70.2	76.0	82.9	86.1	88.1	90.2	92.4	93.6	95.1	96.6	97.2	98.9	99.2	99.6	99.7
≥ 0	46.6	70.2	76.0	82.9	86.1	88.1	90.2	92.4	93.6	95.1	96.6	97.2	98.9	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13743 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	27.0	34.6	35.4	36.3	36.5	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 20000	29.8	38.1	38.7	39.7	39.9	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 18000	29.9	38.1	38.8	39.8	41.0	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 16000	30.0	38.2	38.9	39.9	40.1	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 14000	30.2	38.6	39.4	40.3	41.5	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 12000	31.4	40.1	41.1	41.9	42.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 10000	33.4	43.1	44.0	44.9	45.2	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 9000	34.9	44.6	45.5	46.6	46.8	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 8000	37.4	47.6	48.5	49.9	50.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 7000	38.5	49.2	50.2	51.8	52.0	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 6000	39.4	50.5	51.6	53.2	53.4	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 5000	40.3	51.8	53.1	54.6	54.8	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 4500	40.4	52.4	53.5	55.2	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 4000	41.1	53.7	54.8	56.7	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 3500	42.3	55.1	56.2	58.1	58.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 3000	43.7	56.9	58.1	60.2	61.1	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 2500	46.2	60.6	62.3	64.8	65.8	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 2000	48.9	64.8	67.2	70.2	71.3	72.4	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 1800	49.8	66.5	69.0	72.0	73.3	74.4	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 1500	51.1	70.3	73.3	76.7	78.2	79.4	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 1200	51.9	72.2	76.0	79.8	81.6	82.9	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1000	51.9	73.0	77.2	81.3	83.8	85.3	86.5	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 900	51.9	73.3	77.7	82.0	84.8	86.6	87.8	88.5	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8
≥ 800	51.9	73.7	78.1	82.6	85.7	87.4	88.7	89.5	89.7	90.1	90.5	90.5	90.5	90.5	90.5	90.5
≥ 700	51.9	73.8	78.2	82.8	86.2	88.1	89.4	90.3	90.6	91.3	91.7	91.7	91.8	91.8	91.8	91.8
≥ 600	51.9	74.1	78.5	83.1	87.0	88.8	90.3	91.5	91.8	92.5	92.9	92.9	93.1	93.1	93.1	93.1
≥ 500	51.9	74.2	78.6	83.4	87.6	89.7	91.6	92.9	93.4	94.3	95.2	95.2	95.5	95.5	95.5	95.5
≥ 400	51.9	74.3	78.7	83.5	87.8	90.2	92.4	94.2	94.8	95.9	97.0	97.0	97.3	97.5	97.6	97.6
≥ 300	51.9	74.3	78.7	83.5	88.0	90.3	92.5	94.3	95.3	96.5	97.7	97.7	98.3	98.5	98.6	98.6
≥ 200	51.9	74.3	78.7	83.5	88.0	90.3	92.5	94.4	95.5	96.7	98.3	98.3	99.0	99.2	99.5	99.5
≥ 100	51.9	74.3	78.7	83.5	88.0	90.3	92.5	94.4	95.5	96.7	98.3	98.3	99.0	99.2	99.6	99.7
≥ 0	51.9	74.3	78.7	83.5	88.0	90.3	92.5	94.4	95.5	96.7	98.3	98.3	99.0	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM NOV 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

C322

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	30.9	35.4	35.8	36.0	36.8	36.8	37.2	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 20000	31.1	36.9	37.1	37.5	38.4	38.5	38.9	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 18000	31.2	37.1	37.2	37.6	38.5	38.6	39.0	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 16000	31.5	37.3	37.5	38.0	38.8	38.9	39.4	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 14000	31.5	37.4	37.6	38.1	38.9	39.0	39.5	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 12000	32.3	38.6	38.8	39.2	40.1	40.2	40.6	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 10000	33.5	40.2	40.4	40.9	41.7	41.8	42.3	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 9000	34.7	41.4	41.6	42.0	42.9	43.0	43.4	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 8000	38.1	44.9	45.2	45.9	46.8	46.9	47.3	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 7000	39.5	46.6	46.8	47.5	48.4	48.5	48.9	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 6000	41.8	48.4	48.7	49.5	50.3	50.4	50.9	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 5000	42.5	50.4	50.8	51.5	52.4	52.5	52.9	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 4500	43.5	51.6	51.9	52.7	53.5	53.8	54.2	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 4000	44.3	53.1	53.7	54.7	55.7	55.9	56.3	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 3500	45.8	54.9	55.7	57.0	58.0	58.2	58.6	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 3000	46.7	56.7	59.6	60.9	61.8	62.0	62.6	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 2500	50.5	62.3	63.3	64.9	66.1	66.3	67.0	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 2000	53.2	66.7	67.8	69.5	70.8	71.3	71.9	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 1800	54.3	69.9	70.2	71.8	73.5	74.1	74.8	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 1500	56.0	71.8	73.4	75.5	77.6	78.2	79.0	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 1200	56.5	73.1	75.9	78.2	80.8	81.5	82.4	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1000	57.4	74.9	78.3	80.4	83.9	84.6	85.7	86.2	86.6	86.9	87.1	87.1	87.1	87.1	87.1	87.1
≥ 900	57.5	75.2	78.7	81.5	85.4	86.5	87.7	88.4	88.7	89.0	89.2	89.2	89.2	89.2	89.2	89.2
≥ 800	57.5	76.3	79.9	82.9	87.2	88.3	89.8	90.5	91.2	91.7	92.0	92.0	92.0	92.0	92.0	92.0
≥ 700	57.5	76.3	80.3	83.4	88.0	89.0	90.8	91.7	92.4	92.8	93.1	93.1	93.1	93.1	93.1	93.1
≥ 600	57.5	76.5	80.4	83.8	89.0	90.1	91.8	93.2	93.9	94.3	94.6	94.6	94.6	94.6	94.6	94.6
≥ 500	57.5	76.5	80.5	83.9	89.4	90.4	92.3	93.9	94.7	95.2	95.5	95.5	95.6	95.6	95.6	95.6
≥ 400	57.5	76.5	80.5	83.9	89.5	90.6	92.7	94.5	95.6	96.1	96.5	96.5	96.6	96.7	96.7	96.7
≥ 300	57.5	76.5	80.5	83.9	89.7	91.0	92.9	94.9	96.2	97.1	97.6	97.6	97.8	98.0	98.1	98.1
≥ 200	57.5	76.5	80.5	83.9	89.7	91.0	92.9	95.1	96.5	97.3	97.8	97.8	98.4	98.5	98.7	98.8
≥ 100	57.5	76.5	80.5	83.9	89.7	91.0	92.9	95.1	96.5	97.3	97.8	97.8	98.4	98.5	98.8	99.0
≥ 0	57.5	76.5	80.5	83.9	89.7	91.0	92.9	95.1	96.5	97.3	97.8	97.8	98.4	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 63-70,73-79 YEARS | JAN. MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS LST

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	24.5	31.8	32.[illegible]	[illegible]	33.9	34.2	34.4	34.6	34.7	34.7	34.[illegible]	34.8	34.8	34.9	34.9	34.9	34.9
≥ 20000	[illegible]	34.[illegible]	34.[illegible]	35.7	36.4	36.7	37.0	37.2	37.2	37.[illegible]	37.[illegible]	37.4	37.4	37.4	37.4	37.5	37.5
≥ 18000	[illegible]	34.[illegible]	35.[illegible]	35.[illegible]	36.5	36.9	37.1	37.3	37.4	37.4	37.[illegible]	37.[illegible]	37.6	37.6	37.6	37.6	37.6
≥ 16000	[illegible]	34.[illegible]	35.[illegible]	36.[illegible]	[illegible].7	37.0	37.3	37.5	37.[illegible]	37.5	37.[illegible]	37.[illegible]	37.7	37.7	37.8	37.8	37.8
≥ 14000	26.7	34.7	35.[illegible]	36.3	37.1	37.4	37.6	37.8	37.9	37.9	38.[illegible]	38.[illegible]	[illegible].1	38.1	38.1	38.1	38.2
≥ 12000	27.4	35.7	36.[illegible]	37.[illegible]	38.2	38.6	38.9	39.1	39.1	39.2	39.3	[illegible].3	39.[illegible]	[illegible].4	39.4	39.4	39.4
≥ 10000	[illegible].9	37.8	38.[illegible]	39.7	41.4	41.[illegible].8	41.1	41.3	41.4	41.4	41.5	41.5	41.[illegible]	41.[illegible]	41.6	41.6	41.6
≥ 9000	29.5	38.7	39.[illegible]	41.[illegible].8	41.3	41.7	42.[illegible]	42.[illegible]	42.[illegible].2	42.2	42.3	42.[illegible]	[illegible].4	42.4	[illegible].2.4	42.5	42.5
≥ 8000	31.5	41.3	42.4	43.5	44.4	44.8	45.0	45.2	45.3	45.3	45.4	45.4	[illegible].5.5	45.[illegible]	[illegible].5	45.6	45.6
≥ 7000	32.5	42.7	43.[illegible]	45.[illegible]	45.9	46.3	46.[illegible]	46.[illegible]	46.[illegible]	46.9	47.[illegible]	47.[illegible]	47.1	47.1	[illegible].1	47.2	47.2
≥ 6000	33.7	44.2	45.4	46.7	47.6	48.[illegible]	48.[illegible]	48.5	[illegible].6	48.6	48.7	48.[illegible]	48.8	48.8	48.[illegible]	48.9	48.9
≥ 5000	34.7	45.6	46.[illegible]	48.2	49.2	49.6	49.9	50.1	[illegible]	50.2	50.3	[illegible].3	50.4	50.[illegible]	[illegible].4	50.5	50.5
≥ 4500	35.2	46.4	47.7	49.1	50.1	50.6	50.9	51.1	[illegible]	51.2	51.3	51.3	51.4	51.4	51.[illegible]	51.5	51.5
≥ 4000	35.[illegible]	47.6	48.[illegible]	50.7	51.8	52.3	52.6	52.[illegible]	[illegible]	52.9	53.1	53.1	53.1	53.1	53.[illegible]	53.2	53.2
≥ 3500	36.[illegible]	47.[illegible]	5[illegible].[illegible]	52.3	53.5	54.[illegible]	54.4	54.[illegible]	[illegible]7	54.7	54.8	54.8	54.[illegible]	54.9	54.9	55.0	55.0
≥ 3000	[illegible].[illegible]	51.2	5[illegible].[illegible]	[illegible].[illegible]	[illegible].3	57.[illegible]	57.4	57.7	57.[illegible]	57.[illegible]	[illegible].0	56.0	58.1	58.1	58.1	58.1	58.1
≥ 2500	40.[illegible]	54.2	5[illegible].[illegible]	58.3	60.1	60.9	61.4	61.6	61.[illegible]	[illegible].[illegible]	62.1	62.1	62.2	[illegible].2.2	62.2	62.3	62.3
≥ 2000	42.4	58.2	6[illegible].6	63.1	64.1	66.[illegible]	66.7	67.[illegible]	67.[illegible]	67.[illegible]	67.7	67.7	67.8	67.[illegible]	67.9	67.9	67.9
≥ 1800	43.4	59.9	62.4	65.[illegible]	67.2	68.2	68.9	69.4	69.[illegible]	69.8	69.9	69.9	70.[illegible]	70.[illegible]	70.1	70.1	70.1
≥ 1500	45.1	63.4	66.[illegible]	69.5	72.0	73.2	74.0	74.7	74.[illegible]	75.2	75.3	75.3	75.4	75.4	75.[illegible]	75.5	75.5
≥ 1200	46.0	66.[illegible]	69.[illegible]	73.4	76.3	77.6	78.6	79.4	79.7	80.[illegible]	80.2	80.2	80.3	80.3	[illegible].3	80.4	80.4
≥ 1000	46.3	67.[illegible]	71.6	75.[illegible]	79.1	80.6	81.8	82.6	83.[illegible]	83.5	83.8	83.8	83.[illegible]	84.[illegible]	84.0	84.0	84.0
≥ 900	46.8	68.2	72.6	77.1	81.1	82.8	84.1	85.2	85.[illegible]	86.3	86.7	86.7	86.8	86.[illegible]	86.9	86.9	86.9
≥ 800	46.[illegible]	68.[illegible]	73.[illegible]	77.[illegible]	82.5	84.4	85.9	87.2	87.[illegible]	88.[illegible]	89.1	89.1	[illegible].2	89.[illegible]	89.3	89.3	89.3
≥ 700	46.7	69.[illegible]	73.8	78.6	83.5	85.4	87.1	88.7	89.3	90.[illegible]	90.8	90.[illegible]	91.1	91.1	91.1	91.1	91.2
≥ 600	46.7	6[illegible].2	74.1	79.2	84.4	86.4	88.3	90.1	90.[illegible]	91.9	92.[illegible]	92.[illegible]	92.[illegible]	92.9	92.9	92.9	93.0
≥ 500	46.[illegible]	69.3	74.2	79.4	85.0	87.2	89.4	91.5	92.4	93.6	94.[illegible]	94.[illegible]	[illegible].0	95.1	95.1	95.1	95.2
≥ 400	46.7	69.3	74.3	79.5	85.1	87.5	89.9	92.3	93.3	94.7	95.6	95.[illegible]	96.3	96.5	96.5	96.5	96.6
≥ 300	46.8	[illegible].4	74.[illegible]	79.6	85.2	87.7	90.1	92.8	94.[illegible]	95.5	96.3	96.[illegible]	97.6	97.8	97.9	98.0	98.0
≥ 200	46.[illegible]	69.4	74.3	79.6	85.2	87.7	90.1	93.0	94.4	95.9	97.3	97.[illegible]	98.4	98.6	98.8	98.9	98.9
≥ 100	46.[illegible]	69.4	74.3	79.6	85.2	87.7	90.1	93.0	94.4	96.0	97.[illegible]	97.6	98.6	98.9	99.2	99.4	99.4
≥ 0	46.[illegible]	69.4	74.3	79.6	85.2	87.7	90.1	93.0	94.4	96.0	97.[illegible]	97.6	98.6	98.9	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0323

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-79,73-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥0
NO CEILING	36.2	42.2	43.6	44.3	45.6	46.0	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 20000	38.1	44.4	45.9	46.6	47.9	48.2	48.2	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 18000	38.2	44.6	46.	46.7	48.0	48.3	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 16000	38.4	44.8	46.2	46.9	48.2	48.6	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 14000	38.9	45.4	46.5	47.5	48.8	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 12000	39.6	46.5	48.2	48.9	50.2	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 10000	41.3	49.2	51.1	51.8	53.1	53.4	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 9000	41.6	49.6	51.7	52.4	53.7	54.0	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 8000	43.3	51.5	53.5	54.3	55.6	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 7000	44.7	53.2	55.2	55.9	57.3	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 6000	46.5	55.6	57.6	58.3	59.7	60.0	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 5000	48.3	57.9	59.9	60.8	62.3	62.6	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 4500	49.3	60.3	62.3	63.2	64.8	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 4000	52.3	63.2	65.2	66.2	68.0	68.3	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 3500	53.1	65.1	67.1	68.1	70.2	70.6	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 3000	56.7	68.7	70.7	72.3	74.2	74.7	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 2500	57.0	71.3	73.4	74.8	77.2	77.8	77.9	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 2000	58.6	73.8	76.0	77.5	79.9	80.5	80.7	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1800	59.1	74.3	76.6	78.1	80.7	81.3	81.7	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1500	60.9	77.7	79.9	81.7	84.8	85.6	85.9	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1200	61.6	79.8	82.4	84.9	88.1	88.9	89.4	89.7	90.1	90.1	90.2	90.2	90.2	90.2	90.2
≥ 1000	62.2	81.1	83.9	86.5	90.3	91.1	91.8	92.3	92.8	92.9	93.0	93.0	93.1	93.1	93.1
≥ 900	62.4	81.3	84.3	86.9	90.9	91.7	92.4	92.9	93.4	93.5	93.6	93.6	93.7	93.7	93.7
≥ 800	62.6	82.0	84.8	87.8	92.1	92.9	94.0	94.4	94.9	95.0	95.2	95.2	95.3	95.3	95.3
≥ 700	62.8	82.3	85.3	88.3	92.9	93.7	95.0	95.6	96.1	96.2	96.3	96.3	96.5	96.5	96.5
≥ 600	62.8	82.3	85.3	88.3	92.9	93.9	95.2	95.9	96.5	96.6	96.7	96.7	96.8	96.8	96.8
≥ 500	62.8	82.4	85.1	88.4	93.1	94.1	95.6	96.5	97.2	97.3	97.5	97.5	97.6	97.6	97.6
≥ 400	62.8	82.4	85.1	88.4	93.1	94.3	95.9	96.8	97.6	97.9	98.2	98.2	98.3	98.3	98.3
≥ 300	62.8	82.4	85.1	88.4	93.1	94.3	95.9	96.8	97.8	98.1	98.7	98.7	98.8	98.8	98.8
≥ 200	62.8	82.4	85.1	88.4	93.1	94.3	95.9	96.8	97.8	98.1	98.7	99.1	99.2	99.4	99.5
≥ 100	62.8	82.4	85.1	88.4	93.1	94.3	95.9	96.8	97.8	98.1	98.7	99.1	99.2	99.4	99.6
≥ 0	62.8	82.4	85.1	88.4	93.1	94.3	95.9	96.8	97.8	98.1	98.7	99.1	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 63-70,73-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	35.5	40.5	41.5	42.1	43.3	44.1	44.6	44.7	44.7	44.7	44.9	44.8	44.8	44.8	44.8	45.0
≥ 20000	36.9	42.0	42.9	43.6	44.8	45.6	46.1	46.2	46.2	46.2	46.3	46.3	46.3	46.3	46.3	46.6
≥ 18000	37.3	42.1	43.0	43.7	44.9	45.7	46.2	46.3	46.3	46.3	46.5	46.5	46.5	46.5	46.5	46.7
≥ 16000	37.1	42.2	43.1	43.9	45.0	45.9	46.3	46.5	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.8
≥ 14000	37.2	42.3	43.3	44.0	45.2	46.0	46.5	46.6	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.9
≥ 12000	38.4	44.0	45.0	45.7	47.0	47.9	48.3	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.8
≥ 10000	39.7	46.0	47.0	47.8	49.1	49.9	50.4	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.8
≥ 9000	40.4	46.9	48.1	48.8	50.1	50.9	51.4	51.5	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.9
≥ 8000	42.3	48.9	50.1	50.9	52.2	53.1	53.7	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	54.1
≥ 7000	43.5	50.8	52.0	53.1	54.4	55.2	55.8	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.3
≥ 6000	44.6	52.0	53.3	54.4	55.8	56.7	57.3	57.4	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.8
≥ 5000	46.8	54.8	56.1	57.2	58.6	59.7	60.3	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.8
≥ 4500	47.6	56.0	57.7	58.7	60.2	61.2	61.8	61.9	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.3
≥ 4000	50.1	59.0	60.6	61.7	63.2	64.5	65.1	65.2	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.6
≥ 3500	51.9	61.9	62.7	63.4	64.9	66.2	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.3
≥ 3000	53.1	62.9	64.4	65.8	67.7	69.2	69.6	69.7	69.7	69.7	69.9	69.9	69.9	69.9	69.9	70.1
≥ 2500	54.1	65.5	67.3	69.3	71.5	73.0	73.6	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	74.1
≥ 2000	56.3	68.6	70.8	73.0	75.5	77.2	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.3
≥ 1800	57.2	70.3	72.3	74.9	77.7	79.3	79.9	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.4
≥ 1500	58.2	72.1	74.1	77.0	79.9	81.6	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.9
≥ 1200	59.3	74.9	77.0	80.0	83.2	85.1	85.7	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.5
≥ 1000	60.9	77.3	79.9	83.2	86.9	88.9	89.8	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.9
≥ 900	61.5	77.4	80.5	83.9	87.6	89.7	90.8	91.3	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.8
≥ 800	61.2	78.3	81.3	84.8	89.0	91.1	92.4	93.0	93.1	93.6	93.7	93.7	93.7	93.7	93.7	94.0
≥ 700	61.6	79.0	82.2	85.9	90.3	92.4	94.0	94.8	94.9	95.4	95.5	95.5	95.5	95.5	95.5	95.7
≥ 600	61.9	79.4	82.6	86.4	90.9	93.0	94.6	95.4	95.5	96.0	96.1	96.1	96.1	96.1	96.1	96.3
≥ 500	61.9	79.6	82.7	86.8	91.3	93.4	95.0	96.0	96.3	96.9	97.0	97.0	97.0	97.0	97.2	97.4
≥ 400	61.9	79.6	82.7	86.8	91.3	93.4	95.2	96.3	96.9	97.5	97.6	97.6	97.6	97.6	97.8	98.0
≥ 300	61.9	79.6	82.7	86.9	91.4	93.6	95.4	96.6	97.3	98.0	98.2	98.2	98.2	98.2	98.3	98.6
≥ 200	61.9	79.6	82.7	86.9	91.4	93.6	95.4	96.7	97.4	98.1	98.3	98.3	98.6	98.6	98.8	99.1
≥ 100	61.9	79.6	82.7	86.9	91.4	93.6	95.4	96.7	97.4	98.1	98.5	98.5	98.7	98.7	98.9	99.5
≥ 0	61.9	79.6	82.7	86.9	91.4	93.6	95.4	96.7	97.4	98.1	98.5	98.5	98.8	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0324

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12640 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (YEARS) | FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	29.6	36.3	37.5	38.8	39.5	40.7	41.3	42.7	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 20000	29.9	37.7	39.1	40.3	41.0	42.2	42.8	44.2	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 18000	29.9	37.7	39.1	40.3	41.0	42.2	42.8	44.2	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 16000	29.9	37.7	39.1	40.3	41.0	42.2	42.8	44.2	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 14000	30.1	38.1	39.4	41.7	41.4	42.6	43.1	44.6	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 12000	30.9	39.1	40.4	41.7	42.4	43.6	44.2	45.6	45.6	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 10000	32.4	41.3	42.6	43.9	44.6	45.7	46.3	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 9000	32.7	41.6	42.9	44.2	44.9	46.1	46.7	48.1	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 8000	34.2	43.4	45.0	46.3	47.0	48.2	48.8	50.2	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 7000	35.5	45.3	46.9	48.2	48.9	50.2	50.8	52.2	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 6000	36.9	47.3	48.9	50.2	50.9	52.2	52.8	54.3	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 5000	38.3	50.5	52.4	53.8	54.5	55.8	56.4	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 4500	39.2	51.2	53.2	54.8	55.8	57.1	57.7	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 4000	40.7	52.7	54.8	57.1	58.3	59.7	60.4	61.6	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 3500	42.2	55.2	57.4	59.9	61.2	62.6	63.5	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 3000	43.5	56.7	59.1	61.6	62.9	64.4	65.2	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 2500	45.4	60.0	62.4	65.5	66.9	68.4	69.3	70.9	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 2000	47.0	62.2	64.9	68.3	69.9	71.4	72.5	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 1800	47.9	63.8	66.7	70.2	72.0	73.5	74.6	76.2	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 1500	49.4	67.0	70.2	74.5	76.8	78.5	79.6	81.2	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1200	49.9	68.8	72.2	76.8	79.6	81.2	82.4	84.0	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1000	51.3	71.2	74.7	79.8	83.0	84.6	86.2	87.8	87.9	88.5	88.8	88.8	88.8	88.8	88.8	88.8
≥ 900	51.4	71.5	75.4	81.0	84.8	86.4	88.2	89.8	90.0	90.5	90.8	90.8	90.8	90.8	90.8	90.8
≥ 800	51.5	71.9	76.0	81.6	85.7	87.5	89.5	91.1	91.3	91.8	92.2	92.2	92.2	92.2	92.2	92.
≥ 700	51.5	72.3	76.5	82.6	87.4	89.1	91.4	93.4	93.7	94.3	94.7	94.7	94.8	94.8	94.8	94.
≥ 600	52.1	72.8	77.0	83.2	87.9	89.8	92.3	94.3	94.7	95.3	95.6	95.6	95.7	95.7	95.7	95.7
≥ 500	52.1	73.0	77.3	83.6	88.5	90.4	93.0	95.0	95.5	96.2	96.9	96.8	97.3	97.3	97.3	97.4
≥ 400	52.1	73.0	77.3	83.6	88.5	90.5	93.3	95.4	95.9	96.7	97.3	97.3	97.9	97.9	97.9	98.0
≥ 300	52.1	73.0	77.3	83.6	88.5	90.5	93.4	95.5	96.1	96.9	97.5	97.5	98.2	98.3	98.3	98.6
≥ 200	52.1	73.0	77.3	83.7	88.7	90.7	93.5	95.6	96.2	97.0	97.8	97.8	98.7	98.8	98.9	99.3
≥ 100	52.1	73.0	77.3	83.7	88.7	90.7	93.5	95.6	96.2	97.0	97.9	97.9	98.8	98.9	99.2	99.6
0	52.1	73.0	77.3	83.7	88.7	90.7	93.5	95.6	96.2	97.0	97.9	97.9	98.8	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 816

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13841 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	36.1	36.5	37.5	38.5	39.7	40.3	41.5	42.0	42.0	42.2	42.3	42.3	42.3	42.3	42.3	42.3
≥ 20000	37.4	38.5	41.1	41.1	42.4	43.0	44.2	44.9	44.9	45.2	45.3	45.3	45.3	45.3	45.3	45.3
≥ 18000	38.1	38.9	40.7	41.4	42.7	43.3	44.4	45.2	45.2	45.4	45.5	45.5	45.5	45.5	45.5	45.5
≥ 16000	38.1	38.9	40.7	41.4	42.7	43.3	44.4	45.2	45.2	45.4	45.5	45.5	45.5	45.5	45.5	45.5
≥ 14000	39.1	40.1	41.5	42.6	43.9	44.4	45.6	46.3	46.3	46.6	46.7	46.7	46.7	46.7	46.7	46.7
≥ 12000	39.6	40.7	42.2	43.4	44.7	45.3	46.5	47.2	47.2	47.4	47.5	47.5	47.5	47.5	47.5	47.5
≥ 10000	39.6	42.6	44.1	45.3	46.7	47.4	48.6	49.4	49.4	49.6	49.8	49.8	49.8	49.8	49.8	49.8
≥ 9000	40.1	43.1	44.7	46.0	47.4	48.3	49.5	50.4	50.4	50.6	50.7	50.7	50.7	50.7	50.7	50.7
≥ 8000	41.0	45.0	46.6	47.9	49.4	50.4	51.5	52.4	52.4	52.6	52.7	52.7	52.7	52.7	52.7	52.7
≥ 7000	41.3	46.0	47.9	48.8	50.4	51.3	52.5	53.3	53.3	53.5	53.7	53.7	53.7	53.7	53.7	53.7
≥ 6000	41.9	47.0	48.8	50.1	51.7	52.6	53.8	54.6	54.6	54.8	55.0	55.0	55.0	55.0	55.0	55.0
≥ 5000	43.1	49.5	51.1	52.8	54.4	55.3	56.5	57.3	57.3	57.6	57.7	57.7	57.7	57.7	57.7	57.7
≥ 4500	43.3	50.2	51.9	53.9	55.8	56.7	57.9	58.7	58.7	59.0	59.1	59.1	59.1	59.1	59.1	59.1
≥ 4000	43.9	51.7	53.3	55.6	57.7	58.9	60.2	61.0	61.0	61.2	61.3	61.3	61.3	61.3	61.3	61.3
≥ 3500	45.0	53.7	55.6	57.8	59.9	61.1	62.5	63.6	63.6	64.1	64.2	64.2	64.2	64.2	64.2	64.2
≥ 3000	46.4	55.3	57.4	59.7	61.9	63.1	64.5	65.7	65.8	66.3	66.4	66.4	66.4	66.4	66.4	66.4
≥ 2500	48.8	58.5	60.8	63.2	65.8	67.1	68.6	69.9	70.0	70.6	70.7	70.7	70.7	70.7	70.7	70.7
≥ 2000	50.5	61.7	64.1	67.0	69.7	71.2	72.7	74.0	74.1	74.8	75.1	75.1	75.1	75.1	75.1	75.1
≥ 1800	50.8	62.5	65.2	68.2	71.0	72.5	74.0	75.3	75.4	76.2	76.5	76.5	76.5	76.5	76.5	76.5
≥ 1500	52.0	65.2	68.4	72.5	75.9	77.3	79.0	80.4	80.6	81.7	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1200	52.3	67.5	70.9	75.5	79.6	81.1	82.7	84.5	84.8	85.8	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1000	52.4	68.1	71.9	76.8	80.9	82.7	84.6	86.5	86.8	87.9	88.7	88.7	88.7	88.7	88.7	88.7
≥ 900	52.6	68.3	72.6	77.7	81.7	83.9	86.2	88.2	88.4	89.6	90.4	90.5	90.5	90.5	90.7	90.7
≥ 800	52.7	68.6	73.0	78.6	83.1	85.5	88.3	90.7	90.9	92.3	93.1	93.3	93.5	93.5	93.6	93.6
≥ 700	52.7	68.8	73.5	79.1	83.9	86.3	89.4	92.0	92.2	93.7	94.6	94.9	95.2	95.2	95.3	95.3
≥ 600	52.7	68.9	73.6	79.3	84.3	86.6	89.8	92.6	92.8	94.3	95.3	95.6	95.9	95.9	96.0	96.0
≥ 500	52.7	69.0	74.0	79.7	84.9	87.5	90.7	93.6	94.0	95.9	97.0	97.4	97.8	97.8	97.9	97.9
≥ 400	52.7	69.0	74.0	79.7	84.9	87.6	91.1	94.3	94.7	96.7	98.0	98.3	98.7	98.9	99.1	99.1
≥ 300	52.7	69.0	74.0	79.7	84.9	87.6	91.1	94.4	94.8	96.9	98.3	98.7	99.2	99.4	99.5	99.6
≥ 200	52.7	69.0	74.0	79.7	84.9	87.6	91.1	94.4	94.8	96.9	98.3	98.7	99.2	99.4	99.8	99.9
≥ 100	52.7	69.0	74.0	79.7	84.9	87.6	91.1	94.4	94.8	96.9	98.3	98.7	99.2	99.4	99.8	99.9
≥ 0	52.7	69.0	74.0	79.7	84.9	87.6	91.1	94.4	94.8	96.9	98.3	98.7	99.2	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

C25

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	32.3	39.4	41.9	42.1	42.9	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 20000	43.9	41.6	43.3	44.4	45.3	45.4	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 18000	33.9	41.6	43.3	44.4	45.4	45.5	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 16000	33.9	41.7	43.4	44.6	45.5	45.6	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 14000	34.2	42.3	44.0	45.2	46.1	46.2	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 12000	35.0	43.6	45.3	46.5	47.4	47.5	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 10000	37.0	47.3	49.1	50.2	51.3	51.4	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 9000	37.6	48.3	50.2	51.4	52.6	52.7	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 8000	37.9	49.6	51.5	52.7	53.9	54.0	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 7000	38.8	50.6	52.5	53.7	54.8	55.0	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 6000	39.1	51.3	53.2	54.6	55.9	56.0	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 5000	39.5	52.2	54.1	55.6	56.9	57.2	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 4500	39.7	52.5	54.6	56.1	57.6	57.9	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 4000	40.7	54.1	56.6	58.2	60.0	60.4	60.8	60.9	60.9	61.0	61.0	61.0	61.1	61.1	61.1	61.1
≥ 3500	42.3	56.5	59.1	60.9	62.8	63.1	63.5	63.6	63.6	63.7	63.7	63.7	63.8	63.8	63.8	63.8
≥ 3000	44.2	59.2	61.9	63.9	66.0	66.3	66.7	66.8	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.0
≥ 2500	46.9	63.6	66.4	68.6	70.6	71.0	71.4	71.9	71.9	72.1	72.1	72.1	72.3	72.3	72.3	72.3
≥ 2000	50.2	68.7	71.9	74.8	77.7	78.1	78.5	79.0	79.0	79.4	79.8	79.8	80.0	80.0	80.0	80.0
≥ 1800	50.8	69.6	73.0	76.1	79.0	79.4	79.8	80.3	80.3	80.7	81.1	81.1	81.3	81.3	81.3	81.3
≥ 1500	52.5	73.3	77.1	80.5	83.6	84.3	84.9	85.5	85.6	86.1	86.5	86.5	86.8	86.8	86.8	86.8
≥ 1200	52.9	74.8	79.4	83.6	86.8	87.6	88.4	89.1	89.2	89.7	90.2	90.2	90.4	90.4	90.4	90.4
≥ 1000	53.0	75.9	80.6	84.9	88.3	89.1	90.0	90.8	90.9	91.4	92.0	92.0	92.3	92.3	92.3	92.3
≥ 900	53.0	76.0	81.0	85.9	89.7	90.5	91.4	92.2	92.3	92.8	93.5	93.5	93.9	94.0	94.0	94.0
≥ 800	53.0	76.1	81.2	86.3	90.3	91.3	92.1	93.3	93.4	93.9	94.7	94.7	95.2	95.3	95.3	95.3
≥ 700	53.0	76.2	81.4	86.8	91.1	92.1	93.0	94.6	94.7	95.2	96.0	96.0	96.5	96.6	96.6	96.6
≥ 600	53.0	76.2	81.7	87.4	92.1	93.3	94.2	96.1	96.3	96.8	97.6	97.6	98.1	98.2	98.2	98.2
≥ 500	53.0	76.2	81.7	87.4	92.2	93.4	94.7	96.7	97.0	97.5	98.3	98.5	99.2	99.3	99.3	99.4
≥ 400	53.0	76.2	81.7	87.4	92.2	93.6	94.9	96.9	97.3	97.8	98.7	98.8	99.6	99.9	99.9	100.0
≥ 300	53.0	76.2	81.7	87.4	92.2	93.6	94.9	96.9	97.3	97.8	98.7	98.8	99.6	99.9	99.9	100.0
≥ 200	53.0	76.2	81.7	87.4	92.2	93.6	94.9	96.9	97.3	97.8	98.7	98.8	99.6	99.9	99.9	100.0
≥ 100	53.0	76.2	81.7	87.4	92.2	93.6	94.9	96.9	97.3	97.8	98.7	98.8	99.6	99.9	99.9	100.0
≥ 0	53.0	76.2	81.7	87.4	92.2	93.6	94.9	96.9	97.3	97.8	98.7	98.8	99.6	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 | WRIGHT-PATTERSON AFB OH | 63-70,73-79 | FEB

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	33.6	39.9	41.0	41.3	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 20000	35.1	42.7	44.3	44.6	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 18000	35.1	42.7	44.3	44.6	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 16000	35.1	42.7	44.3	44.6	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 14000	36.4	43.2	45.0	46.1	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 12000	37.4	45.6	47.3	47.5	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 10000	39.2	49.2	50.8	51.1	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 9000	40.3	50.8	52.5	52.7	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 8000	41.3	52.0	54.3	54.5	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 7000	42.6	54.3	56.0	56.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 6000	43.5	55.6	57.3	57.6	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 5000	44.3	56.9	58.9	59.3	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 4500	45.6	58.4	60.4	61.0	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 4000	47.4	61.1	63.2	63.8	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 3500	49.8	63.7	65.8	66.4	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 3000	51.1	65.8	68.0	68.6	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 2500	53.2	69.7	72.1	73.2	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 2000	56.2	75.3	78.3	79.4	81.0	81.2	81.6	81.7	81.7	81.7	81.8	81.8	81.9	81.9	81.9	81.9
≥ 1800	58.3	76.4	79.5	80.9	82.5	82.7	83.1	83.2	83.3	83.3	83.5	83.5	83.6	83.6	83.6	83.6
≥ 1500	58.7	78.0	81.4	82.2	85.1	85.5	86.4	86.6	87.0	87.0	87.1	87.1	87.4	87.4	87.4	87.4
≥ 1200	58.4	79.2	82.7	85.1	87.8	88.5	89.6	90.2	90.4	90.4	90.5	90.5	90.8	90.8	90.8	90.8
≥ 1000	58.6	80.0	83.7	86.1	89.5	90.2	91.3	92.1	92.4	92.6	92.7	92.9	93.1	93.1	93.1	93.1
≥ 900	58.6	80.0	83.9	86.3	90.2	91.0	92.1	93.1	93.5	93.7	93.9	94.1	94.3	94.3	94.3	94.3
≥ 800	58.6	80.1	84.2	86.6	90.5	91.5	92.6	93.7	94.1	94.6	94.9	95.2	95.4	95.4	95.4	95.4
≥ 700	58.6	80.1	84.3	86.9	91.0	92.0	93.0	94.2	94.6	95.0	95.4	95.6	95.9	95.9	95.9	95.9
≥ 600	58.6	80.1	84.3	87.0	91.4	92.4	93.7	95.0	95.4	96.0	96.3	96.6	96.9	96.9	96.9	96.9
≥ 500	58.6	80.1	84.3	87.1	91.7	93.1	94.4	96.1	96.7	97.6	98.1	98.3	98.9	99.1	99.1	99.1
≥ 400	58.6	80.1	84.3	87.2	92.1	93.5	94.9	96.7	97.3	98.2	98.7	98.9	99.6	99.8	99.9	99.9
≥ 300	58.6	80.1	84.3	87.2	92.1	93.5	94.9	96.7	97.3	98.2	98.7	98.9	99.6	99.8	100.0	100.0
≥ 200	58.6	80.1	84.3	87.2	92.1	93.5	94.9	96.7	97.3	98.2	98.7	98.9	99.6	99.8	100.0	100.0
≥ 100	58.6	80.1	84.3	87.2	92.1	93.5	94.9	96.7	97.3	98.2	98.7	98.9	99.6	99.8	100.0	100.0
≥ 0	58.6	80.1	84.3	87.2	92.1	93.5	94.9	96.7	97.3	98.2	98.7	98.9	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0826

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-71,73-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥¼	≥0
NO CEILING	38.4	43.3	44.1	44.1	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 20000	40.9	47.5	48.3	48.3	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 18000	40.9	47.5	48.3	48.3	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 16000	40.9	47.5	48.3	48.3	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 14000	41.5	48.2	49.1	49.1	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 12000	42.0	48.7	49.5	49.5	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 10000	43.4	51.7	52.5	52.5	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 9000	44.6	53.5	54.4	54.4	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 8000	46.5	56.6	57.4	57.4	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 7000	47.6	58.3	59.1	59.1	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 6000	48.5	59.1	59.9	59.9	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 5000	49.4	61.6	62.4	62.6	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 4500	51.2	63.7	64.5	64.8	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 4000	52.2	65.5	66.3	66.5	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 3500	53.7	67.4	68.4	68.6	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 3000	56.3	70.6	71.9	72.3	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 2500	57.6	73.4	74.9	75.4	76.1	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 2000	58.6	76.4	78.3	79.0	80.1	80.9	80.9	81.1	81.3	81.4	81.4	81.4	81.6	81.6	81.6	81.6
≥ 1800	59.0	76.1	80.1	80.9	82.0	82.7	82.7	83.0	83.2	83.3	83.3	83.3	83.5	83.5	83.5	83.5
≥ 1500	60.5	80.1	82.5	84.0	85.6	86.6	87.4	87.6	87.8	88.1	88.1	88.1	88.2	88.2	88.2	88.2
≥ 1200	60.9	81.4	84.2	85.8	87.7	89.0	90.1	90.4	90.7	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 1000	61.0	82.2	85.1	86.8	88.8	90.3	91.5	92.1	92.4	92.9	92.9	92.9	93.0	93.0	93.0	93.0
≥ 900	61.0	82.4	85.2	87.1	89.1	90.7	91.8	92.4	92.8	93.4	93.4	93.4	93.6	93.6	93.6	93.6
≥ 800	61.0	82.7	85.6	87.5	89.6	91.1	92.3	92.9	93.3	94.3	94.3	94.3	94.6	94.6	94.6	94.6
≥ 700	61.0	82.7	85.7	87.7	89.8	91.5	92.8	93.5	93.9	94.9	94.9	94.9	95.3	95.3	95.3	95.3
≥ 600	61.0	82.7	85.8	87.9	90.5	92.4	93.9	94.7	95.3	96.3	96.3	96.3	96.7	96.7	96.7	96.7
≥ 500	61.0	83.0	86.1	88.3	90.9	93.3	94.9	95.7	96.8	98.1	98.2	98.2	98.6	98.7	98.8	98.8
≥ 400	61.0	83.0	86.1	88.3	90.9	93.4	95.3	96.2	97.4	98.7	98.8	98.8	99.2	99.5	99.6	99.6
≥ 300	61.0	83.0	86.1	88.3	90.9	93.4	95.3	96.2	97.5	98.8	98.9	99.1	99.4	99.8	99.9	99.9
≥ 200	61.0	83.0	86.1	88.3	90.9	93.4	95.3	96.2	97.5	98.8	99.1	99.2	99.5	99.9	100.0	100.0
≥ 100	61.0	83.0	86.1	88.3	90.9	93.4	95.3	96.2	97.5	98.8	99.1	99.2	99.5	99.9	100.0	100.0
≥ 0	61.3	83.0	86.1	88.3	90.9	93.4	95.3	96.2	97.5	98.8	99.1	99.2	99.5	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	47.7	47.8	48.1	48.5	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 20000	41.8	49.5	49.9	50.4	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 18000	42.3	49.6	50.1	50.5	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 16000	42.3	49.6	50.0	50.5	51.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 14000	42.2	50.3	50.5	50.9	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 12000	43.0	51.2	51.7	52.1	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 10000	44.4	54.4	54.8	55.3	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 9000	45.2	55.1	55.6	56.0	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 8000	46.5	56.6	57.1	57.6	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 7000	48.2	58.9	59.3	59.8	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 6000	59.2	60.6	61.1	61.6	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 5000	62.4	63.9	64.4	64.9	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 4500	53.8	66.1	66.5	67.0	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 4000	64.7	68.0	68.4	69.3	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 3500	55.9	70.1	70.6	71.5	72.2	72.3	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 3000	57.2	72.9	73.3	74.3	75.2	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 2500	59.2	75.8	77.1	78.3	79.3	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 2000	60.6	78.5	80.3	81.9	83.7	83.9	84.0	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1800	61.3	80.3	81.9	83.7	85.5	85.7	85.8	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1500	62.5	83.2	85.7	87.5	89.2	89.6	89.7	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1200	63.1	84.4	87.3	89.0	91.0	91.5	91.6	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1000	63.4	85.5	87.9	90.0	92.1	92.8	93.0	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 900	63.4	85.5	88.5	90.5	92.8	93.5	93.9	94.1	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	63.6	85.9	89.0	91.4	93.7	94.6	94.9	95.2	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	63.7	86.2	89.2	91.7	94.2	95.0	95.4	95.6	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 600	63.8	86.5	89.7	92.2	95.0	96.0	96.3	96.6	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	63.8	86.5	89.7	92.2	95.0	96.0	96.6	96.9	97.4	97.8	97.9	97.9	97.9	98.0	98.0	98.1
≥ 400	63.8	86.5	89.7	92.3	95.2	96.2	96.9	97.5	98.0	98.3	98.6	98.6	98.8	98.9	98.9	99.1
≥ 300	63.8	86.5	89.7	92.3	95.2	96.2	96.9	97.5	98.1	98.6	98.8	98.8	99.2	99.3	99.3	99.4
≥ 200	63.8	86.5	89.7	92.3	95.2	96.2	96.9	97.5	98.3	98.8	99.1	99.2	99.5	99.6	99.6	99.8
≥ 100	63.8	86.5	89.7	92.3	95.2	96.2	96.9	97.5	98.3	98.8	99.1	99.2	99.5	99.6	99.6	99.9
≥ 0	63.8	86.5	89.7	92.3	95.2	96.2	96.9	97.5	98.3	98.8	99.1	99.2	99.5	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

6327

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (YEARS) | FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.9	40.7	41.8	42.4	43.3	43.7	44.0	44.3	44.3	44.3	44.4	44.4	44.4	44.4	44.4	44.4
≥ 20000	55.5	43.0	44.2	44.9	45.8	46.2	46.5	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 18000	55.6	43.1	44.3	45.0	45.9	46.3	46.6	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 16000	55.7	43.1	44.3	45.1	45.9	46.3	46.6	47.0	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1
≥ 14000	56.2	43.8	45.0	45.7	46.6	47.0	47.3	47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8
≥ 12000	56.9	44.9	46.2	46.9	47.8	48.2	48.5	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0
≥ 10000	58.4	47.7	49.0	49.7	50.6	51.1	51.4	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 9000	59.1	48.6	50.0	50.7	51.7	52.1	52.4	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9
≥ 8000	60.3	50.5	52.0	52.7	53.6	54.1	54.4	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9
≥ 7000	61.5	52.2	53.6	54.4	55.3	55.8	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6
≥ 6000	62.4	53.6	55.0	55.8	56.8	57.3	57.7	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 5000	64.1	55.9	57.4	58.4	59.4	59.9	60.3	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 4500	65.1	57.3	58.9	60.0	61.1	61.6	62.0	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 4000	66.5	59.4	61.1	62.3	63.6	64.2	64.6	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.1
≥ 3500	67.9	61.5	63.3	64.6	66.0	66.6	67.0	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.6
≥ 3000	69.7	63.9	65.8	67.3	68.8	69.4	69.8	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 2500	71.5	67.2	69.3	71.0	72.7	73.4	73.8	74.3	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6
≥ 2000	73.4	70.6	73.0	75.1	77.2	78.0	78.6	79.1	79.2	79.4	79.5	79.5	79.6	79.6	79.6	79.6
≥ 1800	74.0	71.9	74.4	76.6	78.8	79.7	80.2	80.7	80.9	81.1	81.2	81.2	81.3	81.3	81.3	81.3
≥ 1500	75.2	74.6	77.4	80.1	82.6	83.6	84.4	85.0	85.2	85.4	85.6	85.6	85.7	85.7	85.7	85.7
≥ 1200	75.8	76.3	79.5	82.6	85.5	86.6	87.5	88.2	88.4	88.7	88.9	88.9	88.9	88.9	88.9	89.0
1000	76.3	77.9	80.9	84.2	87.5	88.7	89.8	90.6	90.9	91.3	91.5	91.6	91.7	91.7	91.7	91.7
≥ 900	76.4	77.8	81.4	84.9	88.3	89.7	90.8	91.8	92.0	92.5	92.7	92.8	92.9	92.9	92.9	93.0
≥ 800	76.5	78.2	81.9	85.6	89.3	90.7	92.0	93.0	93.3	93.9	94.2	94.3	94.4	94.5	94.5	94.5
≥ 700	76.6	78.5	82.2	86.1	90.1	91.5	93.0	94.2	94.5	95.1	95.4	95.5	95.7	95.7	95.7	95.8
≥ 600	76.7	78.6	82.5	86.5	90.6	92.2	93.8	95.1	95.4	96.1	96.4	96.5	96.7	96.7	96.7	96.8
≥ 500	76.7	78.7	82.6	86.7	91.0	92.6	94.4	95.8	96.4	97.2	97.6	97.7	98.0	98.1	98.1	98.2
≥ 400	76.7	78.7	82.6	86.7	91.0	92.8	94.7	96.3	96.9	97.7	98.2	98.3	98.7	98.9	98.9	99.0
≥ 300	76.7	78.7	82.6	86.7	91.0	92.8	94.7	96.3	97.0	97.9	98.5	98.6	99.0	99.2	99.3	99.4
≥ 200	76.7	78.7	82.6	86.7	91.0	92.9	94.7	96.4	97.1	98.0	98.6	98.7	99.2	99.4	99.6	99.7
≥ 100	76.7	78.7	82.6	86.7	91.0	92.9	94.7	96.4	97.1	98.0	98.6	98.8	99.3	99.5	99.6	99.8
≥ 0	76.7	78.7	82.6	86.7	91.0	92.9	94.7	96.4	97.1	98.0	98.6	98.8	99.3	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 6768

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 66-70,73-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	39.5	41.3	41.6	42.3	42.9	42.9	43.3	43.3	43.4	43.5	43.5	43.5	43.6	43.6	43.6	43.7
≥ 20000	40.3	44.1	44.5	45.2	45.9	45.9	46.2	46.2	46.3	46.4	46.4	46.4	46.5	46.5	46.5	46.6
≥ 18000	41.2	44.5	44.8	45.5	46.2	46.2	46.5	46.5	46.6	46.7	46.7	46.7	46.8	46.8	46.8	46.9
≥ 16000	41.3	44.6	44.9	45.6	46.3	46.3	46.6	46.6	46.7	46.8	46.8	46.8	46.9	46.9	46.9	47.0
≥ 14000	41.3	44.7	45.1	45.9	46.5	46.5	46.8	46.8	46.9	47.0	47.0	47.0	47.1	47.1	47.1	47.3
≥ 12000	43.2	46.7	47.1	47.8	48.4	48.4	48.8	48.8	48.9	49.0	49.0	49.0	49.1	49.1	49.1	49.2
≥ 10000	44.9	48.9	49.2	49.9	50.6	50.7	51.0	51.0	51.1	51.2	51.2	51.2	51.3	51.3	51.3	51.5
≥ 9000	45.0	49.3	49.3	50.1	50.7	50.8	51.1	51.1	51.2	51.3	51.3	51.3	51.5	51.5	51.5	51.6
≥ 8000	48.4	53.1	53.4	54.1	54.9	55.0	55.3	55.3	55.4	55.5	55.5	55.6	55.7	55.7	55.7	55.8
≥ 7000	50.8	56.3	56.3	57.1	57.8	58.0	58.6	58.9	59.0	59.1	59.1	59.1	59.2	59.2	59.2	59.3
≥ 6000	53.3	59.3	59.6	60.4	61.1	61.4	61.9	62.2	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.6
≥ 5000	55.2	62.6	63.0	63.8	64.6	64.9	65.4	65.8	65.9	66.0	66.0	66.0	66.2	66.2	66.2	66.3
≥ 4500	57.2	66.0	66.3	67.4	68.2	68.6	69.1	69.4	69.5	69.6	69.6	69.6	69.9	69.9	69.9	70.0
≥ 4000	58.4	68.6	68.9	70.3	71.5	71.8	72.3	72.7	72.8	72.9	72.9	72.9	73.1	73.1	73.1	73.2
≥ 3500	60.2	71.4	71.9	73.3	74.5	74.8	75.7	76.1	76.3	76.4	76.4	76.4	76.6	76.6	76.6	76.7
≥ 3000	61.9	73.5	74.1	75.6	76.7	77.1	77.9	78.6	78.8	78.9	78.9	78.9	79.1	79.1	79.1	79.2
≥ 2500	65.4	77.6	78.1	79.9	81.2	81.6	82.5	83.1	83.3	83.4	83.4	83.4	83.6	83.6	83.6	83.7
≥ 2000	67.5	80.7	81.3	83.1	84.8	85.4	86.3	87.0	87.2	87.3	87.4	87.4	87.6	87.6	87.6	87.7
≥ 1800	67.8	81.3	81.9	83.9	85.7	86.2	87.3	87.9	88.2	88.3	88.4	88.4	88.6	88.6	88.6	88.7
≥ 1500	68.8	82.7	83.4	85.5	87.5	88.4	89.6	90.3	90.5	90.6	90.7	90.7	91.0	91.0	91.0	91.1
≥ 1200	69.1	83.4	84.2	86.2	88.3	89.1	90.7	91.6	91.8	91.9	92.0	92.0	92.2	92.2	92.2	92.4
≥ 1000	69.8	84.9	85.7	87.8	89.9	90.7	92.5	93.4	93.6	94.0	94.2	94.2	94.4	94.4	94.4	94.5
≥ 900	69.8	85.4	86.4	88.9	91.0	91.8	93.6	94.6	94.8	95.2	95.4	95.4	95.6	95.6	95.6	95.7
≥ 800	69.8	86.0	87.2	89.9	92.0	92.9	94.8	95.8	96.0	96.3	96.6	96.6	96.8	96.8	96.8	96.9
≥ 700	69.8	86.4	87.7	90.5	92.8	93.8	95.7	96.7	96.9	97.2	97.4	97.4	97.6	97.6	97.6	97.7
≥ 600	69.8	86.4	87.7	90.6	93.1	94.1	96.0	97.2	97.4	97.7	98.0	98.0	98.2	98.2	98.2	98.3
≥ 500	69.8	86.4	87.7	90.7	93.3	94.3	96.3	97.6	98.1	98.4	98.7	98.7	98.9	98.9	98.9	99.0
≥ 400	69.8	86.5	87.8	90.9	93.4	94.4	96.4	97.7	98.2	98.5	98.8	98.8	99.0	99.0	99.0	99.1
≥ 300	69.8	86.5	87.8	90.9	93.4	94.4	96.6	98.0	98.4	98.8	99.1	99.1	99.4	99.4	99.5	99.7
≥ 200	69.8	86.5	87.8	90.9	93.4	94.4	96.6	98.0	98.5	98.9	99.2	99.2	99.5	99.5	99.7	99.9
≥ 100	69.8	86.5	87.8	90.9	93.4	94.4	96.6	98.0	98.5	98.9	99.2	99.2	99.5	99.5	99.7	100.0
0	69.8	86.5	87.9	90.9	93.4	94.4	96.6	98.0	98.5	98.9	99.2	99.2	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0328

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 66-70,73-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOUR LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.3	38.7	40.0	40.2	40.6	40.9	41.0	41.1	41.1	41.3	41.4	41.4	41.5	41.5	41.5	41.8
≥ 20000	35.2	41.5	42.8	43.0	43.4	43.7	43.8	43.9	43.9	44.1	44.2	44.2	44.3	44.3	44.3	44.6
≥ 18000	35.3	41.7	43.0	43.2	43.7	43.9	44.0	44.1	44.1	44.3	44.4	44.4	44.5	44.5	44.5	44.8
≥ 16000	35.3	41.7	43.0	43.2	43.7	43.9	44.0	44.1	44.1	44.3	44.4	44.4	44.5	44.5	44.5	44.8
≥ 14000	35.9	42.4	43.7	43.9	44.3	44.5	44.6	44.7	44.7	44.9	45.1	45.1	45.2	45.2	45.2	45.5
≥ 12000	37.4	43.9	45.2	45.4	45.8	46.0	46.1	46.2	46.2	46.5	46.6	46.6	46.7	46.7	46.7	47.0
≥ 10000	39.2	46.1	47.4	47.7	48.3	48.5	48.6	48.8	48.8	49.0	49.1	49.1	49.2	49.2	49.2	49.6
≥ 9000	40.4	47.4	48.7	49.0	49.6	49.8	49.9	50.1	50.1	50.3	50.4	50	50.5	50.5	50.5	50.9
≥ 8000	42.7	51.0	52.4	52.8	53.3	53.5	53.7	53.9	53.9	54.1	54.2	54.2	54.4	54.4	54.5	54.8
≥ 7000	45.2	53.8	55.4	55.8	56.3	56.6	56.7	56.9	56.9	57.1	57.2	57.2	57.4	57.4	57.5	57.8
≥ 6000	46.2	55.7	57.4	57.8	58.5	58.7	58.8	59.0	59.0	59.2	59.4	59.4	59.6	59.6	59.7	60.0
≥ 5000	47.7	58.0	59.7	60.1	60.9	61.2	61.6	61.8	61.8	62.0	62.2	62.2	62.4	62.4	62.5	62.8
≥ 4500	50.5	61.3	63.2	63.8	64.6	64.9	65.4	65.6	65.6	65.8	65.9	65.9	66.1	66.1	66.2	66.6
≥ 4000	51.9	63.1	65.1	65.6	66.5	66.8	67.2	67.4	67.4	67.6	67.8	67.8	68.1	68.1	68.2	68.5
≥ 3500	54.0	65.4	67.6	68.4	69.2	69.8	70.2	70.6	70.6	70.9	71.1	71.1	71.3	71.3	71.4	71.7
≥ 3000	55.8	68.3	70.6	71.4	72.3	72.9	73.3	73.8	73.9	74.1	74.3	74.3	74.5	74.5	74.6	74.9
≥ 2500	58.5	71.4	73.9	74.6	75.7	76.3	76.8	77.2	77.3	77.5	77.7	77.7	78.0	78.0	78.1	78.4
≥ 2000	61.1	74.9	77.6	78.5	79.8	80.4	80.9	81.3	81.6	81.8	82.2	82.2	82.4	82.4	82.5	82.8
≥ 1800	61.8	75.7	78.5	79.5	80.9	81.5	81.9	82.4	82.7	82.9	83.2	83.2	83.4	83.4	83.5	83.9
≥ 1500	62.7	77.7	81.0	82.2	83.9	84.6	85.2	85.6	86.0	86.2	86.7	86.7	86.9	86.9	87.0	87.3
≥ 1200	63.3	79.7	83.0	84.4	86.3	87.1	87.6	88.1	88.5	88.7	89.1	89.1	89.4	89.4	89.5	89.8
≥ 1000	63.9	80.4	83.9	85.3	87.6	88.4	89.1	90.0	90.5	90.8	91.3	91.3	91.5	91.5	91.6	91.9
≥ 900	63.9	81.0	84.5	86.6	89.0	89.8	90.5	91.5	92.0	92.4	92.9	92.9	93.1	93.1	93.2	93.5
≥ 800	63.9	81.5	85.1	87.2	89.7	91.1	91.8	92.9	93.4	93.8	94.3	94.3	94.5	94.5	94.6	94.9
≥ 700	63.9	81.9	85.5	87.7	90.3	91.8	92.6	93.7	94.2	94.5	95.1	95.1	95.3	95.3	95.4	95.7
≥ 600	63.9	82.2	85.9	88.5	91.2	93.2	94.1	95.3	95.8	96.1	96.8	96.8	97.0	97.0	97.1	97.4
≥ 500	63.9	82.2	85.9	88.5	91.2	93.3	94.2	95.5	96.1	96.7	97.3	97.3	97.5	97.5	97.6	98.0
≥ 400	63.9	82.3	86.0	88.6	91.5	93.7	94.5	95.8	96.7	97.2	97.8	97.8	98.1	98.1	98.2	98.5
≥ 300	63.9	82.3	86.0	88.6	91.5	93.7	94.5	95.8	96.8	97.4	98.2	98.2	98.4	98.4	98.5	99.1
≥ 200	63.9	82.3	86.0	88.6	91.5	93.7	94.5	95.8	96.8	97.5	98.3	98.3	98.6	98.6	98.7	99.5
≥ 100	63.9	82.3	86.3	88.6	91.5	93.7	94.5	95.8	96.8	97.5	98.3	98.3	98.6	98.6	98.8	99.8
≥ 0	63.9	82.3	86.3	88.7	91.6	93.8	94.6	95.9	96.9	97.6	98.4	98.4	98.7	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 63-70,73-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-08 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥⅝	≥5/16	≥¼	<0
NO CEILING	22.5	33.3	34.9	37.2	37.8	38.4	39.0	39.2	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 20000	23.9	35.3	36.9	39.1	39.9	40.5	41.3	41.5	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 18000	23.7	35.4	37.1	39.2	40.0	40.6	41.4	41.6	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 16000	23.7	35.4	37.1	39.2	40.0	40.6	41.4	41.6	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 14000	23.9	36.0	37.7	40.1	40.9	41.5	42.3	42.5	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 12000	24.4	37.1	38.8	41.2	41.9	42.6	43.3	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 10000	26.1	39.1	41.2	44.0	44.7	45.4	46.1	46.3	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 9000	27.2	40.9	42.6	45.4	46.1	46.8	47.5	47.7	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 8000	29.5	44.0	46.0	48.8	49.6	50.2	51.1	51.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 7000	30.5	45.6	48.2	51.0	51.7	52.4	53.2	53.4	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 6000	31.6	47.6	50.6	53.8	54.6	55.3	56.2	56.6	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 5000	33.0	49.6	52.9	56.1	57.0	58.1	59.0	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 4500	34.7	51.5	55.2	58.4	59.4	60.4	61.4	61.7	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 4000	35.9	53.2	57.1	60.3	61.4	62.5	63.4	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 3500	37.2	55.1	59.1	62.5	63.5	64.6	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 3000	39.2	58.2	62.4	66.0	67.1	68.2	69.1	69.6	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 2500	40.9	60.8	65.2	69.5	70.6	71.7	72.7	73.2	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 2000	42.6	64.2	69.1	73.9	75.7	77.1	78.1	78.7	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 1800	43.1	65.8	70.9	75.6	77.4	78.8	80.0	80.6	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 1500	44.5	69.1	75.2	80.2	82.6	84.0	85.2	86.0	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1200	44.8	70.2	76.6	81.8	84.4	85.8	87.0	88.1	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1000	44.9	71.1	77.6	83.0	85.7	87.2	88.5	89.7	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 900	45.2	71.6	78.2	83.8	86.9	88.4	89.9	91.4	92.0	92.2	92.2	92.2	92.4	92.4	92.4	92.4
≥ 800	45.2	71.9	78.6	84.3	87.6	89.2	90.9	92.6	93.2	93.4	93.4	93.4	93.7	93.7	93.7	93.7
≥ 700	45.2	72.3	78.9	84.9	88.6	90.2	91.8	93.7	94.5	94.7	95.1	95.1	95.3	95.3	95.3	95.3
≥ 600	45.2	72.3	78.9	85.3	89.1	91.2	93.0	94.9	95.8	96.5	96.9	96.9	97.1	97.1	97.1	97.1
≥ 500	45.2	72.3	78.9	85.3	89.1	91.4	93.2	95.4	96.2	97.1	97.5	97.5	97.7	97.7	97.7	97.7
≥ 400	45.2	72.3	79.0	85.5	89.4	91.6	93.4	95.6	96.5	97.5	98.4	98.4	98.8	98.3	98.8	98.9
≥ 300	45.2	72.3	79.0	85.5	89.4	91.7	93.5	95.7	96.6	97.6	98.5	98.5	98.9	99.0	99.0	99.2
≥ 200	45.2	72.3	79.0	85.5	89.4	91.7	93.5	95.7	96.7	97.7	98.8	98.8	99.4	99.5	99.5	99.8
≥ 100	45.2	72.3	79.0	85.5	89.4	91.7	93.5	95.7	96.7	97.7	98.8	98.8	99.4	99.5	99.7	100.0
≥ 0	45.2	72.3	79.0	85.5	89.4	91.7	93.5	95.7	96.7	97.7	98.8	98.8	99.4	99.5	99.7	100.0

0329

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM Jul 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	24.9	35.7	37.2	37.7	38.0	38.2	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 20000	27.8	39.2	41.3	41.5	41.7	42.0	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 18000	28.3	39.4	40.9	41.6	41.8	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 16000	28.2	39.7	41.3	41.9	42.3	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 14000	29.5	40.9	42.4	43.1	43.4	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 12000	30.1	42.4	43.9	44.6	44.9	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 10000	30.4	44.4	46.0	46.9	47.2	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 9000	31.6	45.7	47.3	48.2	48.5	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 8000	33.3	48.0	50.3	51.3	51.7	52.0	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 7000	34.3	49.0	51.6	53.0	53.4	53.8	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 6000	35.1	50.2	52.8	54.3	54.7	55.1	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 5000	36.5	53.0	55.9	57.4	57.8	58.2	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 4500	37.3	54.0	57.0	58.6	59.0	59.4	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 4000	39.5	56.7	59.9	61.7	62.2	62.6	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 3500	40.9	59.7	62.9	64.7	65.3	65.7	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 3000	42.2	62.3	65.5	67.3	68.0	68.5	68.9	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 2500	44.8	66.2	69.9	72.5	73.4	74.4	74.9	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 2000	47.4	70.5	74.7	77.6	79.1	80.1	80.8	81.0	81.1	81.3	81.4	81.4	81.4	81.4	81.4
≥ 1800	47.6	71.3	75.7	78.6	80.1	81.1	81.7	82.0	82.2	82.4	82.5	82.5	82.5	82.5	82.5
≥ 1500	48.4	73.4	78.3	81.4	83.7	84.7	85.7	86.1	86.5	86.8	86.9	86.9	86.9	86.9	86.9
≥ 1200	48.8	74.4	79.7	83.0	85.5	86.6	87.7	88.5	88.9	89.4	89.6	89.6	89.6	89.6	89.6
≥ 1000	48.9	75.4	80.8	84.2	86.7	87.8	89.1	89.9	90.3	90.8	91.0	91.0	91.0	91.0	91.0
≥ 900	49.3	75.5	81.0	84.5	87.2	88.6	90.0	90.9	91.3	91.8	92.0	92.0	92.4	92.4	92.4
≥ 800	49.1	75.9	81.5	85.4	88.2	89.6	91.2	92.6	93.0	93.5	93.8	93.8	94.1	94.1	94.1
≥ 700	49.1	76.0	81.6	85.9	89.0	90.4	92.0	93.7	94.1	94.6	94.9	94.9	95.3	95.3	95.3
≥ 600	49.1	76.3	81.9	86.6	89.9	91.3	93.0	94.6	95.1	95.6	95.9	96.0	96.5	96.5	96.5
≥ 500	49.1	76.3	81.9	86.9	90.2	91.7	93.5	95.6	96.1	97.0	97.3	97.4	98.0	98.1	98.3	98.4
≥ 400	49.1	76.3	81.9	86.9	90.2	91.7	93.5	95.6	96.1	97.1	97.5	97.8	98.5	98.6	98.9	99.0
≥ 300	49.1	76.3	81.9	86.9	90.2	91.7	93.5	95.6	96.1	97.1	97.7	98.2	98.9	99.0	99.5	99.6
≥ 200	49.1	76.3	81.9	86.9	90.2	91.7	93.5	95.6	96.1	97.1	97.8	98.3	99.2	99.4	99.9	100.0
≥ 100	49.1	76.3	81.9	86.9	90.2	91.7	93.5	95.6	96.1	97.1	97.8	98.3	99.2	99.4	99.9	100.0
≥ 0	49.1	76.3	81.9	86.9	90.2	91.7	93.5	95.6	96.1	97.1	97.8	98.3	99.2	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 63-70, 73-79 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS LST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	29.1	37.1	37.6	37.8	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 20000	33.2	41.6	42.4	42.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 18000	33.5	42.3	42.7	42.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 16000	33.9	42.7	43.2	43.4	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 14000	34.3	43.5	44.1	44.3	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 12000	34.4	44.3	44.8	45.1	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 10000	35.9	46.9	47.4	47.6	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 9000	36.7	47.7	48.3	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 8000	38.9	51.0	51.6	51.9	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 7000	40.3	52.3	52.8	53.1	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 6000	40.8	53.3	54.1	54.6	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 5000	41.9	55.4	56.3	56.7	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 4500	42.3	56.6	57.5	57.8	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 4000	44.2	60.7	61.1	61.4	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 3500	46.2	63.3	64.6	65.6	66.0	66.0	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2
≥ 3000	49.1	68.0	69.7	70.9	71.6	71.6	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8
≥ 2500	53.4	74.2	76.1	77.7	78.9	78.9	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2
≥ 2000	57.2	79.4	81.3	83.4	85.1	85.1	85.5	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	57.3	79.7	81.7	83.9	85.6	85.6	86.0	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1500	58.4	81.5	83.7	86.1	88.4	88.4	88.9	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1200	58.7	83.3	85.6	88.5	91.0	91.1	91.9	92.4	92.5	92.6	92.7	92.7	92.8	92.8	92.8	92.8
≥ 1000	58.7	83.7	86.2	89.2	91.9	92.0	92.9	93.4	93.5	93.8	94.0	94.0	94.1	94.2	94.2	94.2
≥ 900	58.7	83.7	86.3	89.4	92.5	92.7	93.8	94.4	94.6	94.8	95.1	95.1	95.2	95.3	95.3	95.3
≥ 800	58.7	84.3	87.0	90.0	93.2	93.8	94.8	95.6	95.8	96.2	96.5	96.5	96.6	96.7	96.7	96.7
≥ 700	58.7	84.6	87.6	90.6	94.0	94.5	95.6	96.3	96.6	97.0	97.3	97.3	97.4	97.5	97.5	97.5
≥ 600	58.7	84.7	88.1	91.2	94.6	95.2	96.3	97.1	97.4	97.8	98.3	98.3	98.5	98.6	98.6	98.6
≥ 500	58.7	84.7	88.1	91.2	94.7	95.3	96.7	97.7	98.3	98.8	99.2	99.4	99.6	99.7	99.7	99.7
> 400	58.7	84.7	88.1	91.2	94.7	95.3	96.8	97.8	98.5	99.0	99.5	99.6	99.8	99.9	99.9	99.9
≥ 300	58.7	84.7	88.1	91.2	94.7	95.3	96.8	97.8	98.5	99.0	99.6	99.7	99.9	100.0	100.0	100.0
≥ 200	58.7	84.7	88.1	91.2	94.7	95.3	96.8	97.8	98.5	99.0	99.6	99.7	99.9	100.0	100.0	100.0
≥ 100	58.7	84.7	88.1	91.2	94.7	95.3	96.8	97.8	98.5	99.0	99.6	99.7	99.9	100.0	100.0	100.0
≥ 0	58.7	84.7	88.1	91.2	94.7	95.3	96.8	97.8	98.5	99.0	99.6	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

0330

USAF ETAC FORM No. 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE C

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-72,73-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥ 5/16	≥¼	≥0
NO CEILING	32.3	38.[illegible]	38.1	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 20000	37.5	43.8	44.	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 18000	38.5	44.8	45.1	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 16000	38.9	45.2	45.4	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 14000	39.1	45.5	45.7	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 12000	39.9	46.2	46.5	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
≥ 10000	41.5	48.7	49.[illegible]	49.1	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 9000	41.9	49.7	50.0	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 8000	44.5	54.0	54.4	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 7000	44.9	54.7	55.3	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 6000	44.9	55.7	56.5	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 5000	46.6	58.1	59.0	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 4500	47.6	59.6	60.6	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 4000	49.2	62.5	63.9	64.0	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 3500	51.5	65.6	67.2	67.3	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 3000	55.4	71.2	73.8	74.[illegible]	74.4	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 2500	59.0	76.7	80.3	81.2	81.7	82.2	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 2000	61.5	80.5	84.4	85.4	86.2	86.9	87.4	87.6	88.0	88.0	88.0	88.0	88.2	88.2	88.2	88.2
≥ 1800	61.6	80.9	84.8	85.9	86.8	87.4	88.0	88.3	88.6	88.6	88.6	88.6	88.8	88.8	88.8	88.8
≥ 1500	61.8	82.0	86.[illegible]	88.2	89.2	89.9	90.5	90.9	91.2	91.2	91.3	91.3	91.5	91.5	91.5	91.5
≥ 1200	61.9	82.9	87.3	89.4	90.9	91.7	92.8	93.1	93.4	93.4	93.5	93.5	93.8	93.8	93.9	93.9
≥ 1000	62.3	83.2	87.6	90.4	92.0	93.0	94.1	94.5	94.9	94.9	95.1	95.1	95.3	95.3	95.4	95.4
≥ 900	62.0	83.4	88.0	91.1	92.8	93.8	94.8	95.4	95.8	95.8	95.9	95.9	96.1	96.1	96.2	96.2
≥ 800	62.0	83.7	88.3	91.6	93.3	94.3	95.7	96.2	96.7	96.7	96.8	96.8	97.0	97.0	97.2	97.2
≥ 700	62.0	83.7	88.4	91.8	94.0	95.1	96.6	97.1	97.5	97.5	97.5	97.6	97.8	97.8	98.1	98.1
≥ 600	62.0	83.8	88.5	91.9	94.5	95.7	97.2	97.7	98.3	98.3	98.4	98.4	98.6	98.7	98.9	98.9
≥ 500	62.0	83.8	88.5	91.9	94.6	96.0	97.6	98.2	98.7	98.7	98.9	98.9	99.2	99.5	99.7	99.7
≥ 400	62.0	83.8	88.5	91.9	94.6	96.0	97.6	98.2	98.7	98.7	98.9	98.9	99.2	99.6	99.9	99.9
≥ 300	62.0	83.8	88.5	91.9	94.6	96.0	97.6	98.2	98.7	98.7	98.9	98.9	99.2	99.6	99.9	100.0
≥ 200	62.0	83.8	88.5	91.9	94.6	96.0	97.6	98.2	98.7	98.7	98.9	98.9	99.2	99.6	99.9	100.0
≥ 100	62.0	83.8	88.5	91.9	94.6	96.0	97.6	98.2	98.7	98.7	98.9	98.9	[illegible].2	99.6	99.9	100.0
≥ 0	62.0	83.8	88.5	91.9	94.6	96.0	97.6	98.2	98.7	98.7	98.9	98.9	99.2	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS _____ 430

DATA PROCESSING BRANCH
USAF ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
3	WRIGHT-PATTERSON AFB OH	62-70,73-79	MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	37.3	41.3	41.3	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 20000	41.4	44.9	45.3	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 18000	41.3	45.5	45.8	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 16000	41.4	45.6	45.9	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 14000	41.3	46.5	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 12000	43.5	47.7	48.1	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 10000	46.3	51.2	51.5	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 9000	47.0	52.4	52.7	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 8000	50.0	55.1	56.9	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 7000	51.6	57.6	58.4	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 6000	51.2	59.0	60.2	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 5000	53.1	61.9	63.3	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.	64.7	64.7
≥ 4500	54.6	63.8	65.4	66.5	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 4000	56.8	67.3	69.3	70.1	70.6	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 3500	59.9	70.9	72.7	74.0	74.5	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3000	61.3	74.3	76.2	77.5	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 2500	63.0	78.1	80.3	82.0	83.1	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 2000	64.0	81.1	83.4	85.7	87.2	87.5	87.7	88.0	88.1	88.2	88.2	88.2	88.5	88.5	88.5	88.5
≥ 1800	64.3	81.4	83.9	86.2	87.8	88.2	88.4	88.7	88.8	88.9	88.9	88.9	89.4	89.4	89.4	89.4
≥ 1500	64.3	83.0	85.7	88.5	90.3	91.0	91.3	91.6	91.8	91.9	91.9	91.9	92.6	92.6	92.6	92.6
≥ 1200	64.4	83.5	86.3	89.2	91.3	91.9	92.6	93.0	93.2	93.3	93.3	93.3	94.0	94.0	94.0	94.0
≥ 1000	64.4	83.7	86.5	89.8	91.9	92.6	93.2	93.7	94.0	94.1	94.2	94.2	94.8	94.8	94.8	94.8
≥ 900	64.5	84.1	87.1	90.6	93.0	93.8	94.8	95.3	95.6	95.8	95.9	95.9	96.6	96.6	96.6	96.6
≥ 800	64.5	84.4	87.4	91.2	93.5	94.3	95.4	95.8	96.1	96.3	96.6	96.6	97.2	97.2	97.2	97.2
≥ 700	64.5	84.5	87.5	91.4	93.9	94.7	95.9	96.3	96.8	97.0	97.3	97.3	98.0	98.0	98.0	98.0
≥ 600	64.5	84.5	87.5	91.5	94.0	94.9	96.2	96.7	97.4	97.6	98.0	98.0	98.7	98.7	98.7	98.7
≥ 500	64.5	84.5	87.5	91.5	94.1	95.2	96.5	96.9	97.6	97.8	98.2	98.2	99.0	99.1	99.1	99.1
≥ 400	64.5	84.5	87.5	91.7	94.3	95.4	96.7	97.1	98.1	98.3	98.6	98.6	99.5	99.7	99.7	99.7
≥ 300	64.5	84.5	87.5	91.7	94.3	95.4	96.7	97.2	98.2	98.4	98.7	98.8	99.7	99.9	99.9	100.0
≥ 200	64.5	84.5	87.5	91.7	94.3	95.4	96.7	97.2	98.2	98.4	98.7	98.8	99.7	99.9	99.9	100.0
≥ 100	64.5	84.5	87.5	91.7	94.3	95.4	96.7	97.2	98.2	98.4	98.7	98.8	99.7	99.9	99.9	100.0
≥ 0	64.5	84.5	87.5	91.7	94.3	95.4	96.7	97.2	98.2	98.4	98.7	98.8	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0331

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13743 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-73,73-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	41.1	41.7	41.9	42.8	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 20000	42.7	44.8	45.1	45.9	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 18000	42.8	44.9	45.2	46.0	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 16000	43.0	45.2	45.4	46.2	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 14000	43.3	45.6	45.8	46.7	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 12000	44.5	46.9	47.1	48.0	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 10000	46.5	49.0	49.2	50.1	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 9000	48.3	50.8	50.8	51.6	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 8000	52.8	55.7	55.9	56.8	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 7000	56.3	58.0	58.2	59.1	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 6000	57.2	61.9	62.4	63.4	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 5000	59.6	65.2	65.8	67.2	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 4500	61.5	67.5	68.2	69.9	70.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 4000	63.5	71.2	71.8	73.0	73.7	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 3500	65.2	72.8	73.7	75.8	76.5	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3000	67.2	75.3	76.1	78.4	79.1	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 2500	69.4	78.4	79.6	81.9	83.5	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2000	71.9	82.3	83.8	86.2	88.3	89.0	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1800	72.8	83.4	84.9	87.4	89.5	90.2	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1500	73.4	84.8	86.3	88.9	91.3	92.0	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200	73.5	85.4	86.9	89.6	91.9	92.7	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1000	73.7	85.7	87.2	90.2	92.9	93.7	94.5	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900	73.9	86.0	87.5	91.0	93.8	94.5	95.5	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800	73.9	86.2	87.7	91.6	94.4	95.2	96.1	96.5	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	73.9	86.6	88.2	92.0	94.9	95.7	96.8	97.2	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	73.9	86.6	88.2	92.2	95.2	96.0	97.1	97.7	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	73.9	86.8	88.5	92.5	95.6	96.5	97.5	98.2	98.7	98.7	98.9	98.9	99.0	99.0	99.0	99.0
≥ 400	73.9	86.8	88.5	92.6	95.7	96.6	97.6	98.3	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6
≥ 300	73.9	86.8	88.5	92.6	95.7	96.6	97.6	98.5	99.4	99.4	99.6	99.7	99.8	99.8	99.8	99.8
≥ 200	73.9	86.8	88.5	92.8	95.9	96.8	97.8	98.7	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0
≥ 100	73.9	86.8	88.5	92.8	95.9	96.8	97.8	98.7	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0
≥ 0	73.9	86.8	88.5	92.8	95.9	96.8	97.8	98.7	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	41.1	41.7	41.9	42.8	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 20000	42.7	44.9	45.1	45.9	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 18000	42.8	44.9	45.2	46.0	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 16000	43.1	45.2	45.4	46.2	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 14000	43.3	45.6	45.9	46.7	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 12000	44.5	46.9	47.1	48.0	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 10000	46.5	49.0	49.2	50.1	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 9000	48.3	50.5	50.8	51.6	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 8000	52.9	55.7	55.9	[illegible]	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 7000	56.3	58.0	58.2	59.1	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 6000	57.2	61.9	62.2	63.4	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 5000	59.6	65.2	65.8	67.2	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 4500	61.5	67.5	68.2	69.9	70.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 4000	63.5	71.2	71.8	73.6	73.7	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 3500	65.2	72.8	73.7	75.8	76.5	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3000	67.2	75.3	76.1	78.4	79.1	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 2500	69.4	78.4	79.6	81.9	83.5	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2000	71.9	82.3	83.8	86.2	88.3	89.6	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1800	72.8	83.4	84.9	87.4	89.5	90.2	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1500	73.4	84.8	86.3	88.9	91.3	92.0	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200	73.5	85.4	86.9	89.6	91.9	92.7	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1000	73.7	85.7	87.2	90.2	92.9	93.7	94.5	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900	73.8	86.0	87.5	91.0	93.8	94.5	95.5	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800	73.9	86.2	87.7	91.6	94.4	95.2	96.1	96.5	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	73.9	86.6	88.2	92.0	94.9	95.7	96.8	97.2	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	73.9	86.6	88.2	92.2	95.2	96.0	97.1	97.7	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	73.9	86.8	88.5	92.5	95.6	96.5	97.5	98.2	98.7	98.7	98.9	98.9	99.0	99.0	99.0	99.0
≥ 400	73.9	86.8	88.5	92.6	95.7	96.6	97.6	98.3	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6
≥ 300	73.9	86.8	88.5	92.6	95.7	96.6	97.6	98.5	99.4	99.4	99.6	99.7	99.8	99.8	99.8	99.8
≥ 200	73.9	86.8	88.5	92.8	95.9	96.8	97.8	98.7	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0
≥ 100	73.9	86.8	88.5	92.8	95.9	96.8	97.8	98.7	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0
≥ 0	73.9	86.8	88.5	92.8	95.9	96.8	97.8	98.7	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 63-79,73-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	48.2	51.1	51.3	51.2	51.4	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7
≥ 20000	51.9	55.6	55.6	55.8	56.1	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.6
≥ 18000	51.9	55.6	55.6	55.8	56.1	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.6
≥ 16000	51.9	55.6	55.6	55.8	56.1	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.6
≥ 14000	52.3	56.4	56.4	56.7	57.0	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4
≥ 12000	55.1	59.1	59.1	59.3	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1
≥ 10000	57.9	62.3	62.4	62.7	63.0	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4
≥ 9000	59.0	63.4	63.6	63.6	64.1	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.6
≥ 8000	62.1	67.0	67.2	67.7	68.0	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4
≥ 7000	64.2	69.2	69.4	69.9	70.2	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7
≥ 6000	66.4	71.4	71.7	72.1	72.4	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9
≥ 5000	69.3	75.2	75.4	76.0	76.3	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8
≥ 4500	69.9	77.0	77.2	77.8	78.2	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7
≥ 4000	72.9	80.8	81.1	81.6	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4
≥ 3500	73.4	81.4	81.7	82.2	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1
≥ 3000	75.0	83.3	83.6	[illegible]	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2
≥ 2500	77.1	86.6	86.9	[illegible]	88.1	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7
≥ 2000	79.4	89.3	89.7	90.3	91.0	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.6
≥ 1800	79.8	89.9	90.2	90.9	91.6	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1
≥ 1500	81.1	91.6	92.0	92.9	93.6	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.2
≥ 1200	82.2	93.3	93.9	95.0	95.8	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.6
≥ 1000	82.7	94.4	95.3	96.4	97.2	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 900	82.8	94.8	95.7	96.8	97.6	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.6
≥ 800	82.9	95.0	95.9	97.2	98.1	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2
≥ 700	82.9	95.0	95.9	97.2	98.1	98.8	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3
≥ 600	82.9	95.0	95.9	97.2	98.1	98.8	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 500	82.9	95.1	96.0	97.3	98.2	98.9	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6
≥ 400	82.9	95.1	96.0	97.3	98.3	99.0	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 300	82.9	95.1	96.0	97.3	98.4	99.2	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	82.9	95.1	96.0	97.3	98.4	99.2	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	82.9	95.1	96.0	97.3	98.4	99.2	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	82.9	95.1	96.0	97.3	98.4	99.2	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70, 73-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥ ?	≥5/16	≥¼	≥0
NO CEILING	44.6	48.3	49.[illegible]	49.3	49.6	49.6	49.8	49.9	50.0	50.1	50.1	50.1	50.3	50.3	50.7	51.1
≥ 20000	49.3	53.7	54.4	54.8	55.0	55.[illegible]	55.2	55.3	55.4	55.6	55.6	55.6	55.8	55.8	56.1	56.6
≥ 18000	49.3	53.7	54.4	54.8	55.0	55.[illegible]	55.2	55.3	55.4	55.6	55.6	55.6	55.8	55.8	56.1	56.6
≥ 16000	49.3	53.7	54.4	54.8	55.0	55.[illegible]	55.2	55.3	55.4	55.6	55.6	55.6	55.8	55.8	56.1	56.6
≥ 14000	49.7	54.1	54.9	55.2	55.4	55.4	55.7	55.8	55.9	56.0	56.0	56.0	56.2	56.2	56.6	57.0
≥ 12000	51.7	56.4	57.3	57.7	57.9	57.9	58.1	58.2	58.3	58.4	58.4	58.4	58.7	58.7	59.0	59.4
≥ 10000	54.3	59.6	60.7	61.1	61.3	61.3	61.6	61.9	62.0	62.1	62.1	62.1	62.3	62.3	62.7	63.1
≥ 9000	55.2	60.4	61.6	62.0	62.2	62.2	62.7	62.8	62.9	63.0	63.0	63.0	63.2	63.2	63.6	64.0
≥ 8000	57.7	63.6	64.7	65.4	65.7	66.0	66.4	66.6	66.7	66.8	66.8	66.8	67.0	67.0	67.3	67.6
≥ 7000	59.4	65.7	66.9	67.7	67.9	68.2	68.7	68.8	68.9	69.0	69.0	69.0	69.2	69.2	69.6	70.0
≥ 6000	61.1	67.7	68.9	69.7	69.9	70.2	70.7	70.8	70.9	71.0	71.0	71.0	71.2	71.2	71.6	72.0
≥ 5000	62.9	70.4	71.8	72.6	72.8	73.1	73.6	73.7	73.8	73.9	73.9	73.9	74.1	74.1	74.4	74.9
≥ 4500	64.7	72.9	74.2	75.0	75.2	75.6	76.0	76.1	76.2	76.3	76.3	76.3	76.6	76.6	76.9	77.3
≥ 4000	67.1	75.3	76.8	77.6	77.8	78.1	78.6	78.7	78.8	78.9	78.9	78.9	79.1	79.1	79.4	79.9
≥ 3500	68.1	76.4	78.1	78.8	79.0	79.3	79.8	79.9	80.0	80.1	80.1	80.1	80.3	80.3	80.7	81.1
≥ 3000	69.6	78.0	79.6	80.4	80.9	81.2	81.7	81.8	81.9	82.0	82.0	82.0	82.2	82.2	82.6	83.0
≥ 2500	71.3	80.1	81.8	82.7	83.1	83.4	83.9	84.0	84.1	84.2	84.2	84.2	84.4	84.4	84.8	85.2
≥ 2000	74.1	83.4	85.2	86.1	86.7	87.0	87.4	87.6	87.7	87.8	87.8	87.8	88.0	88.0	88.3	88.8
≥ 1800	74.3	84.3	86.1	87.0	87.6	88.0	88.4	88.6	88.7	88.8	88.8	88.8	89.0	89.0	89.3	89.8
≥ 1500	76.7	86.6	88.3	89.6	90.3	90.8	91.2	91.3	91.4	91.6	91.6	91.6	91.8	91.8	92.1	92.6
≥ 1200	78.1	88.6	90.6	91.9	92.8	93.2	93.8	94.0	94.1	94.2	94.2	94.2	94.4	94.4	94.8	95.2
≥ 1000	78.4	89.6	91.6	93.1	94.1	94.6	95.1	95.3	95.4	95.6	95.6	95.6	95.8	95.8	96.1	96.6
≥ 900	78.4	89.8	91.8	93.3	94.3	94.8	95.3	95.6	95.7	95.8	95.8	95.8	96.0	96.0	96.3	96.8
≥ 800	78.7	90.0	92.1	93.7	94.9	95.3	95.9	96.1	96.2	96.3	96.3	96.3	96.6	96.6	96.9	97.3
≥ 700	78.7	90.2	92.3	94.0	95.4	96.0	96.6	96.9	97.0	97.1	97.1	97.1	97.3	97.3	97.7	98.1
≥ 600	78.7	90.2	92.3	94.0	95.6	96.1	96.7	97.0	97.1	97.2	97.2	97.2	97.4	97.4	97.8	98.2
≥ 500	78.7	90.3	92.4	94.1	95.8	96.3	97.2	97.6	97.7	97.8	97.8	97.8	98.0	98.0	98.3	98.8
≥ 400	78.7	90.3	92.4	94.1	95.8	96.3	97.6	97.9	98.0	98.1	98.2	98.2	98.4	98.4	98.8	99.2
≥ 300	78.7	90.3	92.4	94.1	95.9	96.4	97.7	98.0	98.1	98.3	98.4	98.4	98.7	98.7	99.0	99.4
≥ 200	78.7	90.3	92.4	94.1	95.9	96.4	97.7	98.0	98.1	98.3	98.4	98.4	98.7	98.7	99.0	99.6
≥ 100	78.7	90.3	92.4	94.1	96.0	96.6	97.8	98.1	98.2	98.4	98.6	98.6	98.8	98.8	99.2	99.9
≥ 0	78.7	90.3	92.4	94.1	96.0	96.6	97.8	98.1	98.2	98.4	98.6	98.6	98.8	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

8333

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13841 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 65-79,73-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	38.1	39.9	41.0	42.6	43.3	43.4	43.7	43.8	43.9	43.9	44.3	44.3	44.4	44.6	44.6	45.2
≥ 20000	41.1	43.0	45.1	46.9	47.8	47.9	48.2	48.3	48.4	48.4	48.9	48.9	49.0	49.1	49.1	49.8
≥ 18000	41.2	43.1	45.2	47.0	47.9	48.0	48.3	48.4	48.6	48.6	49.0	49.0	49.1	49.2	49.2	49.9
≥ 16000	41.4	43.3	45.4	47.2	48.1	48.2	48.6	48.7	48.8	48.8	49.2	49.2	49.3	49.4	49.4	50.1
≥ 14000	42.3	44.3	46.4	48.2	49.1	49.2	49.6	49.7	49.8	49.8	50.2	50.2	50.3	50.4	50.4	51.1
≥ 12000	43.7	46.8	49.1	50.9	51.8	51.9	52.2	52.3	52.4	52.4	52.9	52.9	53.0	53.1	53.1	53.8
≥ 10000	55.7	49.8	52.1	54.1	55.3	55.4	56.0	56.1	56.2	56.3	56.8	56.8	56.9	57.0	57.0	57.7
≥ 9000	56.2	50.6	53.0	55.1	56.3	56.4	57	57.1	57.2	57.3	57.8	57.8	57.9	58.0	58.0	58.7
≥ 8000	58.3	53.2	56.6	59.1	60.6	60.8	61.3	61.7	61.8	61.9	62.3	62.3	62.4	62.6	62.6	63.2
≥ 7000	60.3	56.2	59.3	61.4	62.9	63.1	63.7	64.0	64.1	64.2	64.7	64.7	64.8	64.9	64.9	65.6
≥ 6000	61.9	58.1	61.1	63.9	65.4	65.7	66.2	66.6	66.7	66.8	67.2	67.2	67.3	67.4	67.4	68.1
≥ 5000	63.7	60.6	63.6	66.3	68.0	68.3	68.9	69.2	69.3	69.4	69.9	69.9	70.0	70.1	70.1	70.8
≥ 4500	64.3	62.7	65.8	68.7	70.6	70.9	71.4	71.8	71.9	72.0	72.4	72.4	72.6	72.7	72.7	73.3
≥ 4000	65.4	65.3	68.4	71.4	73.4	73.8	74.3	74.8	74.9	75.0	75.4	75.4	75.6	75.7	75.7	76.3
≥ 3500	66.3	66.4	69.7	72.8	74.8	75.1	75.7	76.1	76.2	76.3	76.8	76.8	76.9	77.0	77.0	77.7
≥ 3000	67.4	68.7	72.1	75.2	77.7	78.1	78.7	79.2	79.3	79.4	79.9	79.9	80.0	80.1	80.1	80.8
≥ 2500	68.2	70.2	73.7	77.3	79.9	80.3	80.9	81.4	81.6	81.7	82.1	82.1	82.2	82.3	82.3	83.0
≥ 2000	69.4	72.4	76.2	80.2	83.1	83.7	84.2	84.8	84.9	85.1	85.4	85.4	85.6	85.7	85.7	86.3
≥ 1800	70.4	73.8	77.7	81.9	84.8	85.3	85.9	86.6	86.7	86.8	87.2	87.2	87.3	87.4	87.4	88.1
≥ 1500	71.6	75.4	79.4	83.9	86.8	87.6	88.1	88.8	88.9	89.0	89.4	89.4	89.6	89.7	89.7	90.3
≥ 1200	72.3	76.7	80.7	85.4	88.4	89.2	89.8	90.6	90.7	90.8	91.2	91.2	91.3	91.4	91.4	92.1
≥ 1000	72.4	77.3	81.6	86.7	89.8	90.6	91.2	92.0	92.1	92.2	92.7	92.7	92.8	92.9	92.9	93.6
≥ 900	72.6	77.9	82.1	87.3	90.4	91.2	92.0	92.9	93.0	93.1	93.7	93.7	93.8	93.9	93.9	94.6
≥ 800	72.6	78.4	82.9	88.4	91.8	92.7	93.6	94.4	94.6	94.8	95.3	95.3	95.4	95.6	95.6	96.2
≥ 700	72.6	78.7	83.1	88.7	92.1	93.0	94.1	95.0	95.2	95.4	96.0	96.0	96.1	96.2	96.2	96.9
≥ 600	72.6	78.8	83.2	89.0	92.8	93.7	94.8	95.9	96.1	96.3	96.9	96.9	97.0	97.1	97.1	97.8
≥ 500	72.8	79.1	83.6	89.3	93.1	94.0	95.1	96.2	97.0	97.3	97.9	97.9	98.0	98.1	98.1	98.8
≥ 400	72.8	79.2	83.7	89.4	93.2	94.1	95.3	96.6	97.3	97.7	98.2	98.2	98.3	98.4	98.4	99.1
≥ 300	72.8	79.2	83.7	89.4	93.2	94.1	95.3	96.6	97.3	97.7	98.2	98.2	98.6	98.8	98.8	99.6
≥ 200	72.8	79.2	83.7	89.4	93.2	94.1	95.3	96.6	97.3	97.7	98.2	98.2	98.6	98.8	98.8	99.7
≥ 100	72.8	79.2	83.7	89.4	93.2	94.1	95.3	96.6	97.3	97.7	98.2	98.2	98.6	98.8	98.8	99.7
≥ 0	72.8	79.2	83.7	89.4	93.2	94.1	95.3	96.6	97.3	97.7	98.2	98.2	98.6	98.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 69-70,73-79 (YEARS) | APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	38.1	46.9	47.3	47.6	47.8	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 20000	41.3	51.4	52.1	52.6	52.8	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 18000	41.4	51.9	52.6	53.0	53.2	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 16000	41.6	52.0	52.7	53.1	53.3	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 14000	42.4	53.4	54.1	54.6	54.8	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 12000	44.2	55.2	55.9	56.3	56.6	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 10000	45.2	56.7	57.3	58.1	58.3	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 9000	46.1	57.7	58.3	59.1	59.3	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 8000	48.3	60.8	61.5	62.6	62.9	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 7000	49.6	62.8	63.6	64.6	64.9	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 6000	50.8	64.2	65.2	66.3	66.7	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 5000	51.7	66.3	67.6	68.7	69.0	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 4500	52.3	67.9	69.2	70.3	70.7	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 4000	53.3	69.4	70.9	72.0	72.4	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 3500	54.2	70.4	72.1	73.2	73.8	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 3000	55.9	72.7	74.5	75.8	76.3	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2500	57.0	75.3	77.2	78.4	79.1	79.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 2000	59.0	78.6	80.6	81.9	82.7	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1800	59.7	79.9	81.9	83.2	84.0	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1500	60.8	82.1	84.3	85.7	86.6	87.2	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1200	61.6	84.7	86.9	88.6	89.7	90.3	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1000	61.7	85.7	88.2	89.9	91.1	91.9	92.8	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1
≥ 900	61.8	86.3	89.1	90.8	92.7	93.6	94.4	94.8	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 800	61.9	87.0	89.9	91.7	93.9	95.0	96.0	96.4	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	62.0	87.3	90.2	92.1	94.3	95.4	96.6	97.1	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	62.0	87.4	90.3	92.3	94.6	95.7	96.9	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	62.0	87.4	90.4	92.6	94.9	96.0	97.4	98.7	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	62.0	87.4	90.4	92.7	95.0	96	.6	98.8	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	62.0	87.4	90.4	92.7	95.0	96.1	97.6	98.8	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	62.0	87.4	90.4	92.7	95.0	96.1	97.6	98.8	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	62.0	87.4	90.4	92.7	95.0	96.1	97.6	98.8	99.3	99.6	99.8	99.8	99.9	100.0	100.0	100.0
≥ 0	62.0	87.4	90.4	92.7	95.0	96.1	97.6	98.8	99.3	99.6	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0224

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-72,73-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	42.4	44.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 20000	47.3	51.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 18000	47.4	51.3	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
≥ 16000	47.7	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 14000	47.7	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 12000	49.5	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 10000	51.6	57.3	57.8	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 9000	51.8	57.8	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 8000	53.6	59.7	60.4	60.5	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 7000	55.1	61.5	62.2	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 6000	56.1	63.2	63.8	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 5000	57.5	65.6	66.3	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 4500	58.1	66.6	67.4	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 4000	59.7	69.5	70.3	70.5	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 3500	61.5	71.5	72.4	72.7	72.9	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 3000	64.5	75.4	76.4	77.2	77.3	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 2500	68.5	81.9	83.0	83.9	84.0	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2000	70.9	85.9	87.4	88.5	88.8	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1800	71.3	86.3	87.9	89.1	89.3	89.5	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500	72.6	88.4	90.3	91.7	91.9	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1200	73.3	89.4	91.4	93.3	93.7	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1000	73.3	90.5	92.8	95.0	95.6	95.8	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900	73.4	91.1	93.4	95.9	96.4	96.8	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	73.4	91.3	94.1	96.7	97.2	97.7	98.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	73.4	91.3	94.1	96.9	97.8	98.2	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	73.4	91.4	94.2	97.1	98.0	98.4	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	73.4	91.4	94.2	97.2	98.2	98.7	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	73.4	91.4	94.2	97.2	98.2	98.7	99.3	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	73.4	91.4	94.2	97.2	98.2	98.7	99.3	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	73.4	91.4	94.2	97.2	98.2	98.7	99.3	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	73.4	91.4	94.2	97.2	98.2	98.7	99.3	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	73.4	91.4	94.2	97.2	98.2	98.7	99.3	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13841 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 6 -70,73-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	42.9	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 20000	49.4	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 18000	49.3	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 16000	49.9	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 14000	50.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 12000	51.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 10000	54.3	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 9000	55.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 8000	56.8	62.4	62.7	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 7000	57.2	63.2	63.4	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 6000	57.9	64.9	65.1	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 5000	60.3	67.7	68.1	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 4500	61.2	68.7	69.1	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 4000	63.9	72.1	72.8	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 3500	66.0	75.4	76.1	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3000	70.1	80.1	80.9	81.7	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 2500	73.4	85.6	86.3	87.6	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2000	74.8	88.3	89.7	90.4	90.7	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	75.1	88.7	90.1	91.0	91.2	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1500	75.7	90.8	92.4	93.6	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1200	76.4	92.4	94.2	95.6	95.9	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000	76.8	93.1	95.1	96.6	97.0	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	76.8	93.1	95.2	96.7	97.3	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	76.9	93.6	95.7	97.2	98.1	98.6	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	76.9	93.6	95.8	97.4	98.3	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	76.9	93.6	95.8	97.4	98.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	76.9	93.6	95.9	97.6	98.4	99.1	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	76.9	93.6	95.9	97.6	98.4	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	76.9	93.6	95.9	97.6	98.4	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	76.9	93.6	95.9	97.6	98.4	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	76.9	93.6	95.9	97.6	98.4	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	76.9	93.6	95.9	97.6	98.4	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0335

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17941 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 63-70,73-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥	≥	≥	≥5/16	≥	≥0
NO CEILING	42.	45.7	45.	45.8	45.9	45.	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 20000	53.	53.	53.4	53.7	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 18000	49.3	53.6	53.7	53.9	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 16000	49.6	53.9	53.9	54.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.	54.7	54.7	54.7
≥ 14000	50.1	54.3	54.4	54.7	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 12000	51.2	55.7	55.9	56.0	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 10000	55.4	61.0	61.1	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.	61.9	61.9	61.9	61.9	61.9
≥ 9000	56.1	62.0	62.1	62.3	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 8000	58.1	64.9	65.0	65.2	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.	66.0	66.0
≥ 7000	59.0	66.1	66.2	66.6	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 6000	60.2	67.7	67.8	68.1	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 5000	62.9	71.8	70.9	71.2	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 4500	64.4	72.7	72.8	73.1	74.0	74.	74.0	74.1	74.1	74.1	74.1	74.	74.1	74.1	74.1	74.1
≥ 4000	67.4	76.2	76.3	76.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.	78.0	78.0	78.0	78.0
≥ 3500	68.3	78.8	79.4	80.1	81.	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3000	72.3	82.4	83.	83.9	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2500	74.9	86.0	87.	87.9	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2000	76.3	88.6	89.3	90.9	92.1	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1800	76.8	88.7	90.0	91.2	92.4	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500	77.4	89.9	91.6	92.8	94.0	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200	77.6	90.8	92.2	94.0	95.6	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	77.8	91.3	93.6	95.4	97.3	97.7	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	77.9	91.3	93.6	95.6	97.6	97.9	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	77.8	91.3	93.6	95.7	97.7	98.0	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	77.8	91.3	93.7	95.8	97.9	98.2	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	77.8	91.3	93.7	96.1	98.7	99.0	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	77.8	91.3	93.7	96.1	98.7	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	77.8	91.3	93.7	96.1	98.7	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	77.8	91.3	93.7	96.1	98.7	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	77.8	91.3	93.7	96.1	98.7	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	77.8	91.3	93.7	96.1	98.7	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	77.8	91.3	93.7	96.1	98.7	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 906

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 | WRIGHT-PATTERSON AFB OH | 68-71,73-79 | APR
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	[illegible]	51.9	52.1	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.1	52.1	52.1
≥ 20000	[illegible]	57.2	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0
≥ 18000	54.9	57.3	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1
≥ 16000	55.2	57.7	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4
≥ 14000	55.6	58.0	58.4	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8
≥ 12000	56.3	58.9	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.6	59.6
≥ 10000	59.8	62.6	63.0	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3
≥ 9000	60.1	63.9	64.3	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7
≥ 8000	64.8	68.4	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3
≥ 7000	67.1	70.9	71.4	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0
≥ 6000	70.7	73.8	74.3	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9
≥ 5000	71.9	76.8	77.4	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0
≥ 4500	73.6	78.7	79.3	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9
≥ 4000	75.9	82.7	82.7	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2
≥ 3500	77.1	83.4	84.3	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0
≥ 3000	78.7	85.2	86.1	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8
≥ 2500	80.2	87.7	88.7	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7
≥ 2000	81.9	89.7	90.7	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8
≥ 1800	82.2	90.0	91.3	91.9	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3
≥ 1500	83.6	91.4	92.9	93.8	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7
≥ 1200	84.1	93.3	94.8	95.9	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9
≥ 1000	84.4	94.3	96.1	97.4	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 900	84.4	94.3	96.2	97.6	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1
≥ 800	84.4	94.3	96.2	97.6	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1
≥ 700	84.4	94.3	96.2	97.6	98.3	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6
≥ 600	84.4	94.6	96.2	97.8	98.9	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 500	84.4	94.6	96.2	97.8	98.9	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 400	84.4	94.6	96.2	97.8	98.9	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 300	84.4	94.6	96.2	97.8	98.9	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 200	84.4	94.6	96.2	97.8	98.9	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 100	84.4	94.6	96.2	97.8	98.9	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 0	84.4	94.6	96.2	97.8	98.9	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 960

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0336

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13841 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 66-70,73-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	42.0	46.8	47.2	47.5	47.7	47.7	47.8	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.1	48.2
≥ 20000	46.6	52.4	52.9	53.3	53.6	53.7	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.1
≥ 18000	46.9	52.6	53.1	53.5	53.8	53.9	54.0	54.0	54.0	54.0	54.1	54.1	54.1	54.2	54.2	54.4
≥ 16000	47.1	52.9	53.3	53.7	54.0	54.1	54.2	54.2	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.6
≥ 14000	47.7	53.5	54.1	54.5	54.8	54.8	54.9	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.2	55.3
≥ 12000	49.1	55.4	56.1	56.4	56.7	56.7	56.8	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.1	57.2
≥ 10000	51.8	58.0	59.3	59.8	60.1	60.2	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.6	60.6	60.8
≥ 9000	52.3	59.5	60.9	61.7	61.0	61.1	61.3	61.3	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.7
≥ 8000	54.9	62.6	63.4	64.1	64.5	64.6	64.8	64.9	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.3
≥ 7000	56.5	64.4	65.3	66.0	66.4	66.5	66.7	66.8	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.2
≥ 6000	58.0	66.4	67.2	68.0	68.5	68.6	68.8	68.8	68.9	68.9	69.0	69.0	69.0	69.1	69.1	69.2
≥ 5000	60.0	69.2	70.1	70.9	71.4	71.6	71.7	71.8	71.8	71.8	71.9	71.9	71.9	72.0	72.0	72.2
≥ 4500	61.3	70.9	71.9	72.7	73.2	73.4	73.6	73.6	73.6	73.7	73.7	73.7	73.8	73.8	73.8	74.0
≥ 4000	63.3	73.8	74.9	75.6	76.4	76.6	76.7	76.8	76.8	76.9	76.9	76.9	77.0	77.0	77.0	77.2
≥ 3500	64.8	75.5	76.7	77.7	78.3	78.5	78.6	78.7	78.8	78.8	78.9	78.9	78.9	78.9	79.0	79.1
≥ 3000	66.7	78.2	79.6	80.6	81.3	81.6	81.8	81.9	81.9	82.0	82.0	82.0	82.1	82.1	82.1	82.3
≥ 2500	68.8	81.7	83.1	84.3	85.1	85.3	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.9	85.9	86.1
≥ 2000	70.8	84.5	86.2	87.5	88.3	88.6	88.9	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.4
≥ 1800	71.3	85.2	86.9	88.3	89.1	89.4	89.7	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.1	90.2
≥ 1500	72.4	87.1	88.9	90.5	91.4	91.8	92.1	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.6
≥ 1200	73.1	88.6	90.6	92.5	93.5	93.9	94.2	94.4	94.4	94.5	94.6	94.6	94.6	94.6	94.7	94.8
≥ 1000	73.4	89.5	91.8	93.8	95.0	95.5	95.9	96.1	96.2	96.2	96.3	96.3	96.3	96.4	96.4	96.6
≥ 900	73.5	89.8	92.1	94.2	95.6	96.1	96.5	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.1	97.2
≥ 800	73.6	90.1	92.5	94.8	96.2	96.8	97.3	97.6	97.7	97.8	97.9	97.9	97.9	97.9	98.0	98.1
≥ 700	73.6	90.2	92.6	95.0	96.6	97.2	97.7	98.1	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.7
≥ 600	73.6	90.3	92.7	95.1	96.9	97.5	98.1	98.5	98.6	98.7	98.8	98.8	98.8	98.9	98.9	99.1
≥ 500	73.6	90.4	92.8	95.2	97.0	97.7	98.4	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.5
≥ 400	73.6	90.4	92.8	95.3	97.1	97.7	98.5	99.0	99.2	99.3	99.4	99.4	99.5	99.5	99.6	99.7
≥ 300	73.6	90.4	92.9	95.3	97.1	97.8	98.5	99.0	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.8
≥ 200	73.6	90.4	92.8	95.3	97.1	97.8	98.5	99.0	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.9
≥ 100	73.6	90.4	92.8	95.3	97.1	97.8	98.5	99.1	99.2	99.4	99.5	99.5	99.6	99.7	99.7	99.9
≥ 0	73.6	90.4	92.8	95.3	97.1	97.8	98.5	99.1	99.2	99.4	99.5	99.5	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7199

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	43.3	51.4	52.2	53.2	54.2	54.3	54.5	54.5	54.6	54.6	54.9	54.9	55.1	55.2	55.2	55.2
≥ 20000	45.7	54.2	56.0	57.1	58.1	58.2	58.4	58.4	58.5	58.5	58.8	58.8	58.9	59.0	59.0	59.0
≥ 18000	45.7	54.2	56.0	57.1	58.1	58.2	58.4	58.4	58.5	58.5	58.8	58.8	58.9	59.0	59.0	59.0
≥ 16000	45.8	54.3	56.1	57.2	58.2	58.3	58.5	58.5	58.6	58.6	58.9	58.9	59.0	59.1	59.1	59.1
≥ 14000	46.2	54.7	56.9	58.0	58.9	59.0	59.2	59.2	59.4	59.4	59.7	59.7	59.8	59.9	59.9	59.9
≥ 12000	47.1	55.6	57.7	58.8	59.8	59.9	60.1	60.1	60.2	60.2	60.5	60.5	60.6	60.8	60.8	60.8
≥ 10000	50.8	59.9	62.5	63.7	64.6	64.7	64.9	64.9	65.1	65.1	65.4	65.4	65.5	65.6	65.6	65.6
≥ 9000	51.7	61.3	63.9	65.2	66.2	66.3	66.7	66.7	66.8	66.8	67.1	67.1	67.2	67.3	67.3	67.3
≥ 8000	55.3	65.1	68.7	70.2	71.4	71.5	71.8	71.8	71.9	71.9	72.3	72.3	72.5	72.6	72.7	72.7
≥ 7000	57.0	68.7	71.7	73.2	74.4	74.5	74.8	74.9	75.1	75.1	75.4	75.4	75.6	75.7	75.8	75.8
≥ 6000	59.4	72.4	75.5	77.0	78.2	78.3	78.6	78.7	78.8	78.8	79.1	79.1	79.4	79.5	79.6	79.6
≥ 5000	60.1	73.1	78.3	80.0	81.3	81.4	81.7	81.8	81.9	81.9	82.3	82.3	82.5	82.6	82.7	82.7
≥ 4500	61.1	76.5	79.7	81.4	82.9	83.1	83.4	83.5	83.7	83.7	84.0	84.0	84.2	84.3	84.4	84.4
≥ 4000	62.4	78.6	82.1	83.8	85.3	85.5	85.8	85.9	86.0	86.0	86.3	86.3	86.6	86.7	86.8	86.3
≥ 3500	62.8	79.5	82.7	84.7	86.3	86.7	87.0	87.1	87.2	87.2	87.5	87.5	87.7	87.8	88.0	88.0
≥ 3000	63.1	80.5	84.0	86.1	88.0	88.3	88.6	88.7	88.8	88.8	89.1	89.1	89.4	89.5	89.6	89.6
≥ 2500	63.4	80.9	84.3	86.6	88.4	88.7	89.0	89.1	89.2	89.2	89.6	89.6	89.8	89.9	90.0	90.0
≥ 2000	63.9	81.8	85.1	87.3	89.2	89.8	90.1	90.3	90.4	90.4	90.8	90.8	91.0	91.1	91.2	91.2
≥ 1800	63.9	81.6	85.2	87.4	89.4	89.9	90.3	90.5	90.6	90.6	91.0	91.0	91.2	91.3	91.4	91.4
≥ 1500	64.3	82.5	86.4	89.0	91.0	91.5	92.0	92.3	92.4	92.4	92.7	92.7	92.9	93.0	93.1	93.1
≥ 1200	64.6	83.4	87.4	90.2	92.3	92.8	93.4	93.8	93.9	93.9	94.2	94.2	94.4	94.5	94.6	94.6
≥ 1000	64.8	84.1	88.3	91.2	93.2	93.8	94.6	94.9	95.1	95.1	95.4	95.4	95.6	95.7	95.8	95.8
≥ 900	64.9	84.4	88.6	91.5	93.5	94.1	94.9	95.3	95.4	95.4	95.7	95.7	95.9	96.0	96.1	96.1
≥ 800	64.9	84.8	89.0	91.9	94.0	94.5	95.4	95.7	95.8	95.8	96.1	96.1	96.3	96.5	96.6	96.6
≥ 700	64.9	85.1	89.4	92.3	94.3	94.9	95.8	96.2	96.3	96.3	96.7	96.7	96.9	97.0	97.1	97.1
≥ 600	64.9	85.3	89.8	92.7	94.7	95.4	96.2	96.8	96.9	96.9	97.2	97.2	97.4	97.5	97.6	97.6
≥ 500	64.9	85.3	90.1	93.0	95.1	95.7	96.7	97.2	97.5	97.5	98.0	98.0	98.2	98.3	98.4	98.4
≥ 400	64.9	85.3	90.1	93.0	95.2	95.8	96.8	97.4	97.8	97.8	98.4	98.4	98.7	98.8	99.0	99.0
≥ 300	64.9	85.3	90.1	93.0	95.2	95.9	96.9	97.6	98.2	98.2	98.7	98.7	99.0	99.2	99.5	99.5
≥ 200	64.9	85.3	90.1	93.0	95.2	95.9	96.9	97.6	98.2	98.2	98.7	98.7	99.0	99.2	99.5	99.6
≥ 100	64.9	85.3	90.1	93.0	95.2	95.9	96.9	97.6	98.2	98.2	98.7	98.7	99.0	99.2	99.5	99.6
≥ 0	64.9	85.3	90.1	93.0	95.2	95.9	96.9	97.6	98.2	98.2	98.7	98.7	99.0	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0337

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (YEARS) | MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	37.2	45.1	48.8	50.9	52.7	53.3	54.5	55.5	55.6	55.8	56.1	56.1	56.2	56.2	56.5	56.8
≥ 20000	39.1	48.0	51.9	54.0	55.9	56.6	57.7	58.7	58.8	59.0	59.4	59.4	59.5	59.5	59.7	60.0
≥ 18000	39.1	48.0	51.9	54.0	55.9	56.6	57.7	58.7	58.8	59.0	59.4	59.4	59.5	59.5	59.7	60.0
≥ 16000	39.1	48.0	51.9	54.0	55.9	56.6	57.7	58.7	58.8	59.0	59.4	59.4	59.5	59.5	59.7	60.0
≥ 14000	39.6	48.4	52.5	54.7	56.7	57.3	58.5	59.5	59.6	59.8	60.1	60.1	60.2	60.2	60.4	60.8
≥ 12000	40.3	49.4	53.7	55.9	57.8	58.5	59.7	60.6	60.8	61.0	61.3	61.3	61.4	61.4	61.6	61.9
≥ 10000	43.2	53.1	57.5	60.0	62.0	62.7	63.9	64.9	65.1	65.3	65.6	65.6	65.7	65.7	65.9	66.2
≥ 9000	43.8	54.3	58.9	61.4	63.4	64.1	65.3	66.3	66.5	66.7	67.1	67.1	67.1	67.1	67.3	67.6
≥ 8000	46.9	58.4	63.2	65.9	68.2	68.9	70.1	71.2	71.3	71.5	71.8	71.8	71.9	71.9	72.2	72.5
≥ 7000	47.7	59.5	64.4	67.3	69.6	70.4	71.7	72.6	72.8	73.2	73.5	73.5	73.7	73.7	73.9	74.2
≥ 6000	48.7	61.9	66.8	69.6	71.8	72.7	74.0	75.1	75.3	75.5	75.8	75.8	75.9	75.9	76.1	76.5
≥ 5000	49.2	63.4	68.7	71.7	74.0	74.8	76.1	77.2	77.7	78.0	78.3	78.3	78.4	78.4	78.6	78.9
≥ 4500	50.1	64.4	69.9	72.9	75.4	76.3	77.6	78.7	79.2	79.5	79.8	79.8	79.9	79.9	80.1	80.4
≥ 4000	50.6	66.1	71.8	75.3	78.0	79.0	80.3	81.4	81.9	82.2	82.5	82.5	82.6	82.6	82.8	83.1
≥ 3500	50.9	66.7	72.4	75.9	78.7	79.9	81.3	82.4	83.1	83.3	83.8	83.8	83.9	83.9	84.1	84.4
≥ 3000	51.3	67.7	74.0	77.6	80.4	81.6	83.0	84.2	85.1	85.3	85.7	85.7	85.8	85.8	86.0	86.3
≥ 2500	51.9	68.8	75.2	78.9	81.8	83.0	84.4	85.6	86.5	86.7	87.1	87.1	87.2	87.2	87.4	87.7
≥ 2000	52.2	69.1	75.6	79.6	83.0	84.2	85.8	87.0	88.0	88.2	88.6	88.6	88.7	88.7	88.9	89.2
≥ 1800	52.4	69.4	75.8	79.8	83.2	84.4	86.1	87.3	88.3	88.5	88.9	88.9	89.0	89.0	89.2	89.6
≥ 1500	52.5	70.0	76.7	81.0	84.5	85.7	87.4	88.6	89.6	89.8	90.2	90.2	90.3	90.3	90.5	90.9
≥ 1200	52.9	71.1	78.3	82.5	86.0	87.2	88.9	90.1	91.1	91.4	91.8	91.8	91.9	91.9	92.2	92.5
≥ 1000	52.8	71.6	78.6	83.3	87.0	88.2	89.9	91.1	92.0	92.5	92.9	92.9	93.0	93.0	93.2	93.5
≥ 900	52.8	71.7	78.7	83.5	87.2	88.4	90.1	91.3	92.3	92.7	93.1	93.1	93.2	93.2	93.4	93.8
≥ 800	52.9	72.0	79.0	84.0	87.6	89.0	90.9	92.0	93.0	93.4	93.9	93.9	94.0	94.0	94.2	94.5
≥ 700	52.9	72.4	79.5	84.6	88.5	90.0	92.0	93.3	94.3	94.7	95.2	95.2	95.3	95.3	95.5	95.8
≥ 600	52.9	72.8	80.0	85.4	89.4	91.1	93.2	94.7	95.5	95.9	96.3	96.3	96.5	96.5	96.7	97.0
≥ 500	52.9	72.8	80.0	85.4	89.4	91.1	93.2	94.7	95.7	96.2	96.7	96.7	96.8	96.8	97.0	97.3
≥ 400	52.9	72.9	80.4	85.8	89.8	91.6	94.2	96.0	97.1	97.6	98.1	98.1	98.2	98.2	98.4	98.7
≥ 300	52.9	72.9	80.4	85.8	89.8	91.6	94.2	96.2	97.4	98.0	98.4	98.4	98.5	98.5	98.7	99.0
≥ 200	52.9	72.9	80.4	85.8	89.8	91.6	94.2	96.3	97.5	98.2	98.6	98.6	98.8	98.8	99.0	99.4
≥ 100	52.9	72.9	80.4	85.8	89.8	91.6	94.2	96.3	97.5	98.2	98.6	98.6	98.9	98.9	99.4	99.8
≥ 0	52.9	72.9	80.4	85.8	89.8	91.6	94.2	96.3	97.5	98.2	98.6	98.6	98.9	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS IST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	25.4	40.2	43.4	47.0	50.1	51.0	51.9	52.5	52.6	52.9	52.9	52.9	52.9	52.9	53.0	53.3
≥ 20000	26.6	42.5	45.9	49.8	53.2	54.1	55.2	55.9	56.0	56.3	56.3	56.3	56.5	56.5	56.6	56.9
≥ 18000	26.6	42.6	46.0	49.9	53.3	54.2	55.3	56.0	56.1	56.5	56.5	56.5	56.6	56.6	56.7	57.0
≥ 16000	26.6	42.6	46.0	49.9	53.3	54.2	55.3	56.0	56.1	56.5	56.5	56.5	56.6	56.6	56.7	57.0
≥ 14000	27.6	43.9	47.3	51.2	54.7	55.6	56.7	57.4	57.5	57.8	57.8	57.8	58.0	58.0	58.1	58.4
≥ 12000	28.4	44.8	48.5	52.7	56.2	57.1	58.5	59.2	59.4	59.7	59.7	59.7	59.8	59.8	59.9	60.2
≥ 10000	30.8	48.6	52.5	56.8	60.3	61.2	62.7	63.4	63.5	63.9	63.9	63.9	64.0	64.0	64.1	64.4
≥ 9000	30.8	48.9	52.9	57.4	61.0	61.8	63.3	64.1	64.2	64.5	64.5	64.5	64.6	64.6	64.7	65.1
≥ 8000	32.4	51.6	55.9	61.1	64.9	65.9	67.5	68.3	68.4	68.7	68.7	68.7	68.9	68.9	69.1	69.5
≥ 7000	32.8	52.6	57.1	62.3	66.1	67.1	68.7	69.5	69.6	69.9	69.9	69.9	70.1	70.1	70.3	70.6
≥ 6000	33.5	54.3	58.6	63.9	68.1	69.1	70.8	71.5	71.6	71.9	71.9	71.9	72.2	72.2	72.4	72.7
≥ 5000	34.1	55.3	59.9	65.3	69.6	70.6	72.6	73.4	73.5	73.9	73.9	73.9	74.1	74.1	74.3	74.6
≥ 4500	34.4	55.8	60.8	66.3	70.6	71.7	73.7	74.5	74.6	74.9	74.9	74.9	75.2	75.2	75.4	75.7
≥ 4000	35.1	57.4	62.5	68.1	72.9	74.2	76.1	77.0	77.2	77.5	77.5	77.5	77.7	77.7	78.0	78.3
≥ 3500	35.4	58.4	63.5	69.4	74.2	75.5	77.4	78.3	78.5	78.8	78.8	78.9	79.1	79.1	79.4	79.7
≥ 3000	36.0	59.7	64.8	70.6	75.7	77.0	78.9	79.8	80.0	80.4	80.4	80.5	80.8	80.8	81.0	81.3
≥ 2500	36.7	60.9	66.1	72.2	77.3	78.6	80.9	81.7	81.9	82.4	82.4	82.5	82.7	82.7	82.9	83.2
≥ 2000	36.9	61.7	67.3	73.9	79.5	81.0	83.0	83.9	84.1	84.5	84.5	84.6	84.8	84.8	85.1	85.4
≥ 1800	37.0	62.0	67.6	74.5	80.1	81.4	83.7	84.5	84.7	85.2	85.2	85.3	85.5	85.5	85.7	86.0
≥ 1500	37.2	62.8	68.5	75.4	81.2	82.6	84.8	85.8	86.0	86.5	86.5	86.6	86.8	86.8	87.0	87.3
≥ 1200	37.3	63.7	69.8	77.1	83.1	84.5	86.8	87.7	88.0	88.4	88.4	88.5	88.7	88.7	88.9	89.2
≥ 1000	37.3	64.5	70.9	78.7	85.1	86.5	88.8	89.8	90.1	90.5	90.5	90.6	90.9	90.9	91.1	91.4
≥ 900	37.3	64.7	71.2	79.4	85.7	87.1	89.5	90.4	90.8	91.2	91.2	91.3	91.5	91.5	91.7	92.0
≥ 800	37.3	64.8	71.4	79.8	86.6	88.2	90.8	91.8	92.3	92.7	92.7	92.8	93.0	93.0	93.2	93.5
≥ 700	37.3	65.2	71.8	80.4	87.6	89.5	92.0	93.2	93.7	94.2	94.2	94.3	94.5	94.5	94.7	95.1
≥ 600	37.3	65.3	71.9	80.5	87.8	89.8	92.5	93.9	94.6	95.4	95.4	95.5	95.8	95.8	96.0	96.3
≥ 500	37.3	65.3	71.9	80.5	88.2	90.1	92.8	94.9	95.9	96.8	96.9	97.0	97.3	97.3	97.5	97.8
≥ 400	37.3	65.3	71.9	80.6	88.3	90.2	93.3	95.3	96.5	97.3	97.7	97.8	98.2	98.3	98.5	98.8
≥ 300	37.3	65.3	71.9	80.6	88.3	90.2	93.0	95.4	96.6	97.5	98.1	98.3	98.6	98.7	99.0	99.4
≥ 200	37.3	65.3	71.9	80.6	88.3	90.2	93.0	95.4	96.6	97.5	98.1	98.3	98.7	98.9	99.4	99.7
≥ 100	37.3	65.3	71.9	80.6	88.3	90.2	93.0	95.4	96.6	97.5	98.1	98.3	98.7	98.9	99.4	99.8
≥ 0	37.3	65.3	71.9	80.6	88.3	90.2	93.0	95.4	96.6	97.5	98.1	98.3	98.7	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

0338

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13640 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (YEARS) | MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0800-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	>6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	37.3	50.9	52.8	54.0	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 20000	38.9	52.9	54.9	56.1	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 18000	39.0	53.1	55.2	56.3	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 16000	39	53.1	55.2	56.3	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 14000	39.	54.0	56.1	57.2	58.2	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 12000	41.1	56.0	58.1	59.4	60.4	60.5	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 10000	43.2	59.0	61.1	62.4	63.4	63.5	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 9000	43.4	59.4	62.6	63.9	64.9	65.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 8000	44.3	64.0	66.7	68.1	69.4	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 7000	45.3	65.2	68.1	69.6	70.9	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 6000	47.0	66.1	69.1	70.6	71.8	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 5000	47.1	67.1	70.4	71.9	73.2	73.4	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 4500	47.3	67.3	71.1	72.7	74.1	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4000	47.6	67.1	71.4	75.8	77.2	77.6	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 3500	47.1	71.2	75.7	77.0	78.5	78.9	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 3000	47.2	71.4	75.9	79.6	81.2	81.6	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2500	47.9	75.4	80.1	81.9	83.7	84.1	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2000	53.1	77.3	82.6	84.1	85.9	86.3	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1500	53.1	77.6	82.9	84.4	86.2	86.7	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1000	54.1	79.1	84.6	86.6	88.7	89.1	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 700	54.4	80.4	86.0	89.0	91.4	91.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
800	54.6	81.5	87.1	90.5	93.3	93.8	94.7	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
700	54.6	81.6	87.3	91.0	94.0	94.4	95.5	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
600	54.6	81.6	87.3	91.1	94.4	95.1	96.6	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
700	54.7	81.9	87.5	91.6	94.9	95.6	97.2	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
600	54.8	82.0	87.6	91.6	95.1	95.7	97.5	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
500	54.8	82.2	87.8	91.8	95.8	96.5	98.3	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
400	54.8	82.2	87.8	91.8	95.8	96.5	98.4	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
300	54.8	82.2	87.8	91.8	95.8	96.5	98.4	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
200	54.8	82.2	87.8	91.8	95.8	96.5	98.4	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
100	54.8	82.2	87.8	91.8	95.8	96.5	98.4	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	54.8	82.2	87.8	91.8	95.8	96.5	98.4	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (L A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 66-70,73-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	49.5	49.7	50.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 20000	54.5	55.1	56.1	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
≥ 18000	54.7	55.4	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 16000	54.8	55.4	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 14000	55.1	55.8	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 12000	55.5	56.2	57.5	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 10000	58.0	60.4	61.7	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 9000	58.4	61.2	62.5	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 8000	60.6	64.9	66.9	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 7000	61.7	66.2	68.2	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 6000	62.3	66.9	68.8	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 5000	63.0	68.2	70.2	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 4500	63.5	68.9	71.0	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 4000	65.7	71.9	74.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3500	67.9	74.3	76.9	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3000	71.1	79.4	82.6	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2500	72.8	82.3	85.3	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2000	73.5	83.9	87.5	89.0	89.0	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1800	73.8	84.6	88.5	90.3	90.3	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1500	74.2	86.3	90.9	92.9	93.1	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	74.2	87.6	92.7	94.9	95.3	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	74.3	88.2	93.5	96.1	96.6	97.2	97.4	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	74.3	88.2	93.5	96.1	96.6	97.2	97.4	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	74.4	88.5	94.0	96.7	97.3	98.0	98.2	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	74.4	88.6	94.1	96.8	97.6	98.3	98.6	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	74.4	88.6	94.1	96.8	97.8	98.5	98.9	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	74.4	88.6	94.1	96.8	97.8	98.5	98.9	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	74.4	88.6	94.1	96.9	98.1	98.7	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	74.4	88.6	94.1	96.9	98.1	98.7	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	74.4	88.6	94.1	96.9	98.1	98.7	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	74.4	88.6	94.1	96.9	98.1	98.7	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	74.4	88.6	94.1	96.9	98.1	98.7	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

039

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.1	44.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 20000	41.1	52.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 18000	41.3	52.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 16000	41.3	52.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 14000	41.6	52.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 12000	42.8	54.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 10000	45.8	58.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 9000	46.7	59.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 8000	48.5	63.5	65.1	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 7000	51.0	66.3	67.0	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 6000	52.3	67.8	69.6	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 5000	55.2	70.5	72.4	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 4500	56.3	71.8	73.8	74.1	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 4000	59.0	75.8	77.8	78.3	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3500	61.1	79.2	81.4	81.9	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 3000	63.7	82.7	85.3	86.0	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2500	65.8	85.6	88.6	89.5	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2
≥ 2000	66.7	88.0	91.1	92.3	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
≥ 1800	66.8	88.3	91.7	92.9	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9
≥ 1500	66.9	89.1	92.7	94.1	94.7	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.4	95.4	95.4	95.4
≥ 200	66.9	89.7	93.5	95.2	96.3	96.7	97.0	97.1	97.2	97.2	97.2	97.2	97.4	97.4	97.4	97.4
≥ 1000	66.9	90.3	94.3	96.2	97.7	98.1	98.4	98.5	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8
≥ 900	66.9	90.5	94.5	96.5	98.0	98.3	98.6	98.7	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0
≥ 800	66.9	90.6	94.6	96.6	98.1	98.6	99.0	99.1	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5
≥ 700	66.9	90.6	94.8	96.8	98.4	98.9	99.4	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 600	66.9	90.6	94.9	96.9	98.5	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 500	66.9	90.6	94.9	96.9	98.5	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 400	66.9	90.8	95.1	97.0	98.6	99.1	99.6	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300	66.9	90.8	95.1	97.0	98.6	99.1	99.6	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	66.9	90.8	95.1	97.0	98.6	99.1	99.6	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	66.9	90.8	95.1	97.0	98.6	99.1	99.6	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	66.9	90.8	95.1	97.0	98.6	99.1	99.6	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) .PIGHT-PATTERSO: AFB OH (STATION NAME) 68-7[illegible]73-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	48.1	49.6	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 20000	48.1	56.3	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 18000	48.4	56.9	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 16000	48.6	57.0	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 14000	48.9	57.6	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 12000	47.8	59.7	61.0	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
≥ 10000	51.1	64.5	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 9000	52.3	65.8	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 8000	53.4	69.0	70.5	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 7000	54.2	70.1	71.6	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 6000	57.2	73.9	75.4	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 5000	59.4	77.5	79.2	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4500	61.0	79.4	81.3	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4000	62.4	81.7	83.7	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3500	63.4	83.7	85.9	86.9	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3000	63.9	84.9	87.3	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2500	64.9	87.7	90.3	91.7	92.0	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	66.0	90.1	92.8	94.7	95.2	95.4	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	66.0	90.3	93.0	95.1	95.6	95.8	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	66.2	90.9	93.5	95.9	96.5	96.7	96.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	66.3	91.0	93.8	96.1	97.1	97.3	97.4	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	66.3	91.2	94.0	96.6	97.6	97.8	98.0	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	66.3	91.2	94.1	96.7	97.7	98.0	98.1	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	66.3	91.2	94.1	96.9	98.0	98.2	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	66.3	91.3	94.2	97.0	98.1	98.3	98.5	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	66.3	91.3	94.2	97.0	98.4	98.6	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	66.3	91.3	94.3	97.3	98.7	98.9	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	66.3	91.3	94.3	97.3	98.7	98.9	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	66.3	91.3	94.3	97.3	98.7	98.9	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	66.3	91.3	94.3	97.3	98.7	98.9	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	66.3	91.3	94.3	97.3	98.7	98.9	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	66.3	91.3	94.3	97.3	98.7	98.9	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U340

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 63-70,73-79 (YEARS) | MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	46.3	52.9	53.8	54.4	54.8	54.8	54.8	54.8	54.8	54.9	54.9	54.9	55.1	55.1	55.1	55.1
≥ 20000	47.8	57.1	58.7	59.4	59.8	59.8	59.8	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.0	60.0
≥ 18000	48.0	57.1	58.8	59.5	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.1	60.1	60.1	60.1
≥ 16000	48.1	57.2	58.9	59.6	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.2	60.2	60.2	60.2
≥ 14000	48.7	57.8	59.6	60.2	60.6	60.6	60.6	60.6	60.6	60.8	60.8	60.8	60.9	60.9	60.9	60.9
≥ 12000	50.4	60.2	62.0	62.7	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3
≥ 10000	54.3	64.4	66.5	67.2	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.8	67.8	67.8	67.8
≥ 9000	54.8	65.6	67.6	68.4	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.0
≥ 8000	58.3	69.6	71.1	71.9	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.6	72.6	72.6	72.6
≥ 7000	61.3	72.0	74.2	75.3	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9
≥ 6000	62.6	75.2	77.3	78.4	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0
≥ 5000	64.3	78.2	80.4	81.6	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.3	82.3	82.3	82.3
≥ 4500	66.2	80.4	82.8	84.0	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.6
≥ 4000	67.5	82.8	85.3	86.7	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4
≥ 3500	68.2	83.9	86.6	88.1	88.6	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9
≥ 3000	69.0	86.0	88.7	90.3	90.9	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2
≥ 2500	69.4	87.5	90.4	92.3	92.7	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1
≥ 2000	69.7	88.2	91.2	92.9	94.0	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4
≥ 1800	69.8	88.3	91.3	93.0	94.2	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6
≥ 1500	70.1	88.9	92.2	93.9	95.2	95.4	95.8	95.9	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3
≥ 1200	70.6	89.7	92.9	94.7	96.0	96.2	96.7	96.8	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 1000	70.8	90.0	93.2	95.3	96.6	96.8	97.4	97.5	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0
≥ 900	70.9	90.3	93.5	95.6	97.0	97.3	98.0	98.1	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 800	70.9	90.5	93.8	95.8	97.2	97.5	98.2	98.3	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 700	70.9	90.6	94.3	96.0	97.5	98.0	98.6	98.7	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 600	70.9	90.6	94.0	96.0	97.6	98.2	98.8	98.9	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 500	70.9	90.9	94.2	96.3	98.1	98.6	99.2	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	70.9	90.9	94.2	96.3	98.2	98.7	99.4	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	70.9	90.9	94.2	96.3	98.2	98.7	99.4	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	70.9	90.9	94.2	96.3	98.2	98.7	99.4	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	70.9	90.9	94.2	96.3	98.2	98.7	99.4	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	70.9	90.9	94.2	96.3	98.2	98.7	99.4	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AUG 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 65-79,73-79 (YEARS) | MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	78.1	48.0	49.7	50.8	51.7	52.0	52.3	52.4	52.5	52.6	52.6	52.6	52.7	52.7	52.7	52.8
≥ 20000	41.1	52.3	54.3	55.5	56.5	56.7	57.0	57.2	57.2	57.3	57.4	57.4	57.5	57.5	57.5	57.6
≥ 18000	41.2	52.4	54.5	55.7	56.3	56.8	57.2	57.4	57.4	57.5	57.6	57.6	57.6	57.6	57.7	57.8
≥ 16000	41.3	52.5	54.5	55.7	56.7	56.9	57.2	57.4	57.5	57.6	57.6	57.6	57.7	57.7	57.8	57.8
≥ 14000	41.8	53.1	55.3	56.5	57.5	57.7	58.0	58.2	58.3	58.3	58.4	58.4	58.5	58.5	58.5	58.6
≥ 12000	43.0	54.5	56.8	58.0	59.0	59.2	59.6	59.9	59.9	60.0	60.1	60.1	60.1	60.1	60.2	60.2
≥ 10000	45.9	58.9	60.9	62.2	63.3	63.5	63.9	64.1	64.2	64.2	64.3	64.3	64.4	64.4	64.4	64.5
≥ 9000	46.5	59.6	62.[illegible]	63.4	64.4	64.7	65.1	65.3	65.3	65.4	65.5	65.5	65.6	65.6	65.6	65.7
≥ 8000	49.0	63.3	66.[illegible]	67.6	68.7	69.0	69.4	69.7	69.7	69.8	69.9	69.9	69.9	70.0	70.0	70.1
≥ 7000	51.1	64.9	67.8	69.4	70.6	70.8	71.3	71.5	71.6	71.7	71.8	71.8	71.9	71.9	71.9	72.0
≥ 6000	51.7	67.2	70.1	71.8	73.0	73.3	73.7	74.0	74.0	74.1	74.2	74.2	74.3	74.3	74.4	74.4
≥ 5000	52.9	69.4	72.4	74.2	75.5	75.8	76.3	76.5	76.6	76.7	76.8	76.8	76.9	76.9	76.9	77.0
≥ 4500	53.8	70.6	73.8	75.6	76.9	77.3	77.8	78.0	78.1	78.2	78.3	78.3	78.4	78.4	78.4	78.5
≥ 4000	55.3	73.1	76.4	78.4	79.9	80.2	80.8	81.2	81.1	81.2	81.3	81.3	81.4	81.4	81.5	81.5
≥ 3500	56.1	74.6	78.1	80.2	81.7	82.1	82.7	82.9	83.1	83.2	83.3	83.3	83.3	83.4	83.4	83.5
≥ 3000	57.5	76.8	80.[illegible]	82.8	84.3	84.8	85.3	85.6	85.8	85.9	86.0	86.0	86.0	86.1	86.1	86.2
≥ 2500	58.5	78.6	82.5	84.9	86.6	87.0	87.6	87.9	88.1	88.2	88.3	88.3	88.4	88.4	88.5	88.5
≥ 2000	59.1	80.[illegible]	84.1	86.7	88.6	89.1	89.7	90.0	90.2	90.3	90.4	90.4	90.5	90.5	90.6	90.7
≥ 1800	59.2	80.3	84.4	87.2	89.1	89.6	90.2	90.6	90.7	90.8	90.9	90.9	91.0	91.0	91.1	91.2
≥ 1500	59.4	81.2	85.7	88.6	90.6	91.2	91.9	92.3	92.5	92.6	92.7	92.7	92.8	92.8	92.9	93.0
≥ 1200	59.7	82.1	86.8	90.0	92.2	92.8	93.6	94.0	94.2	94.4	94.4	94.5	94.6	94.6	94.7	94.7
≥ 1000	59.7	82.7	87.6	91.0	93.4	94.0	94.9	95.4	95.6	95.8	95.9	95.9	96.0	96.0	96.1	96.1
≥ 900	59.8	82.8	87.8	91.3	93.7	94.3	95.3	95.8	96.0	96.1	96.2	96.3	96.4	96.4	96.4	96.5
≥ 800	59.8	83.0	88.0	91.6	94.1	94.9	95.9	96.4	96.7	96.9	97.0	97.0	97.1	97.1	97.2	97.2
≥ 700	59.8	83.2	88.3	91.9	94.6	95.4	96.5	97.1	97.4	97.6	97.7	97.7	97.8	97.8	97.9	98.0
≥ 600	59.8	83.3	88.4	92.1	94.9	95.8	96.9	97.6	97.9	98.1	98.2	98.3	98.4	98.4	98.5	98.5
≥ 500	59.8	83.3	88.5	92.3	95.2	96.0	97.2	98.0	98.4	98.7	98.8	98.8	98.9	98.9	99.0	99.1
≥ 400	59.8	83.4	88.6	92.4	95.3	96.2	97.4	98.3	98.8	99.0	99.2	99.2	99.4	99.4	99.5	99.5
≥ 300	59.8	83.4	88.6	92.4	95.3	96.2	97.5	98.4	98.9	99.2	99.4	99.4	99.5	99.6	99.7	99.7
≥ 200	59.8	83.4	88.6	92.4	95.3	96.2	97.5	98.4	98.9	99.2	99.4	99.4	99.6	99.6	99.7	99.8
≥ 100	59.8	83.4	88.6	92.4	95.3	96.2	97.5	98.4	98.9	99.2	99.4	99.4	99.6	99.6	99.8	99.9
≥ 0	59.8	83.4	88.6	92.4	95.3	96.2	97.5	98.4	98.9	99.2	99.4	99.4	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

0341

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 66-70,73-79 (YEARS) | JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.5	55.1	57.2	59.2	61.1	61.3	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.2	62.2
≥ 20000	44.4	60.0	63.1	65.2	67.4	67.9	68.5	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.9	68.9
≥ 18000	44.4	60.6	63.1	65.2	67.4	67.9	68.5	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.9	68.9
≥ 16000	44.5	60.7	63.2	65.3	67.5	68.0	68.6	68.6	68.7	68.9	68.9	68.9	68.9	68.9	69.0	69.0
≥ 14000	44.8	61.2	63.6	65.7	68.0	68.4	69.1	69.1	69.2	69.3	69.3	69.3	69.3	69.3	69.4	69.4
≥ 12000	45.7	62.3	64.7	66.9	69.1	69.5	70.2	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.5	70.5
≥ 10000	47.9	66.2	68.6	71.0	74.0	74.4	75.1	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.4	75.4
≥ 9000	49.7	68.1	70.5	72.9	75.9	76.3	77.0	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.3	77.3
≥ 8000	52.1	71.2	73.7	76.1	79.1	79.5	80.2	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.5	80.5
≥ 7000	52.8	72.3	74.9	77.3	80.3	80.8	81.4	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.8	81.8
≥ 6000	53.3	72.9	75.5	78.0	81.0	81.4	82.1	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.4	82.4
≥ 5000	54.3	74.5	77.3	79.9	82.9	83.4	84.1	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.4
≥ 4500	55.6	76.9	79.6	82.2	85.4	86.1	86.8	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.1	87.1
≥ 4000	56.6	79.1	82.0	84.8	88.3	89.3	89.7	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.1	90.1
≥ 3500	57.1	79.9	82.9	85.9	89.4	90.1	90.5	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.2	91.2
≥ 3000	57.5	80.6	83.6	86.3	90.7	91.3	92.1	92.1	92.2	92.4	92.4	92.4	92.4	92.4	92.5	92.5
≥ 2500	57.8	81.5	84.8	87.9	91.9	92.5	93.4	93.4	93.5	93.8	93.8	93.8	93.8	93.8	93.9	93.9
≥ 2000	58.3	82.1	85.3	88.4	92.4	93.1	94.0	94.0	94.2	94.4	94.4	94.4	94.4	94.4	94.5	94.5
≥ 1800	58.5	82.6	85.9	89.0	93.0	93.7	94.5	94.5	94.8	95.0	95.0	95.0	95.0	95.0	95.1	95.1
≥ 1500	59.3	83.8	87.0	90.3	94.3	95.0	95.9	95.9	96.1	96.4	96.4	96.4	96.4	96.4	96.6	96.6
≥ 1200	59.4	84.6	88.0	91.4	95.4	96.1	97.0	97.0	97.2	97.6	97.6	97.6	97.6	97.6	97.7	97.7
≥ 1000	59.6	85.5	88.9	92.3	96.4	97.1	98.0	98.1	98.3	98.7	98.7	98.7	98.7	98.7	98.8	98.8
≥ 900	59.6	85.5	88.9	92.3	96.4	97.1	98.0	98.1	98.3	98.7	98.7	98.7	98.7	98.7	98.8	98.8
≥ 800	59.7	86.0	89.3	92.8	97.0	97.7	98.6	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 700	59.8	86.1	89.4	92.9	97.1	97.8	98.7	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.6	99.6
≥ 600	59.8	86.1	89.4	92.9	97.1	97.8	98.7	98.9	99.1	99.4	99.4	99.6	99.6	99.6	99.7	99.7
≥ 500	59.8	86.1	89.4	92.9	97.2	97.9	98.9	99.1	99.3	99.7	99.7	99.8	99.8	99.8	99.9	99.9
≥ 400	59.8	86.1	89.4	92.9	97.2	97.9	98.9	99.1	99.3	99.7	99.7	99.8	99.8	99.8	99.9	99.9
≥ 300	59.8	86.1	89.4	92.9	97.2	97.9	98.9	99.1	99.3	99.7	99.7	99.8	99.8	99.8	99.9	99.9
≥ 200	59.8	86.1	89.4	92.9	97.2	97.9	98.9	99.1	99.3	99.7	99.7	99.8	99.8	99.8	99.9	99.9
≥ 100	59.8	86.1	89.4	92.9	97.2	97.9	98.9	99.1	99.3	99.7	99.7	99.8	99.8	99.8	99.9	99.9
≥ 0	59.8	86.1	89.4	92.9	97.2	97.9	98.9	99.1	99.3	99.7	99.7	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 899

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	>10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	31.4	43.3	46.6	49.3	53.4	54.7	56.4	57.1	57.6	58.0	58.2	58.2	58.3	58.4	58.6	58.9
≥ 20000	33.9	47.0	50.6	54.1	58.4	59.9	61.7	62.3	62.9	63.3	63.6	63.6	63.8	63.9	64.0	64.3
≥ 18000	33.9	47.0	50.6	54.1	58.4	59.9	61.7	62.3	62.9	63.3	63.6	63.6	63.8	63.9	64.0	64.3
≥ 16000	34.1	47.3	50.9	54.4	58.8	60.2	62.0	62.7	63.2	63.7	63.9	63.9	64.1	64.2	64.3	64.7
≥ 14000	34.3	47.8	51.3	54.9	59.2	60.7	62.4	63.1	63.7	64.1	64.3	64.3	64.6	64.7	64.8	65.1
≥ 12000	34.9	48.8	52.3	56.0	60.4	61.9	63.7	64.3	64.9	65.3	65.6	65.6	65.8	65.9	66.0	66.3
≥ 10000	37.8	52.6	56.6	60.3	65.1	66.9	69.0	69.7	70.2	70.3	71.0	71.0	71.2	71.3	71.4	71.8
≥ 9000	38.0	54.1	58.3	62.1	66.9	68.7	70.8	71.4	72.0	72.6	72.8	72.8	73.0	73.1	73.2	73.6
≥ 8000	40.2	56.8	61.1	64.9	69.9	71.7	73.8	74.6	75.1	75.7	75.9	75.9	76.1	76.2	76.3	76.7
≥ 7000	41.0	58.3	62.8	66.6	71.7	73.4	75.6	76.3	76.9	77.4	77.7	77.7	77.9	78.0	78.1	78.4
≥ 6000	41.9	60.1	64.8	68.7	73.8	75.6	77.7	78.4	79.0	79.6	79.8	79.8	80.0	80.1	80.2	80.6
≥ 5000	42.4	61.0	65.9	69.9	75.3	77.1	79.3	80.1	80.7	81.2	81.4	81.4	81.7	81.8	81.9	82.2
≥ 4500	44.3	63.1	68.0	72.0	77.4	79.2	81.4	82.3	82.9	83.4	83.7	83.7	83.9	84.0	84.1	84.4
≥ 4000	45.2	65.3	70.2	74.6	80.6	82.6	84.8	85.7	86.2	86.8	87.0	87.0	87.2	87.3	87.4	87.8
≥ 3500	45.2	65.6	70.4	74.8	81.0	83.0	85.2	86.1	86.7	87.2	87.6	87.6	87.8	87.9	88.0	88.3
≥ 3000	46.1	66.6	71.6	75.9	82.4	84.6	87.0	87.9	88.4	89.2	89.6	89.6	89.8	89.9	90.0	90.3
≥ 2500	46.2	66.8	71.8	76.2	82.8	84.9	87.3	88.2	88.8	89.6	89.9	90.0	90.2	90.3	90.4	90.8
≥ 2000	46.3	67.6	72.7	77.3	83.9	86.0	88.6	89.4	90.0	90.8	91.1	91.2	91.4	91.6	91.7	92.0
≥ 1800	46.4	68.0	73.1	77.8	84.3	86.4	89.0	89.9	90.6	91.3	91.7	91.8	92.0	92.1	92.2	92.6
≥ 1500	46.6	68.6	73.7	78.3	85.0	87.1	89.8	90.7	91.3	92.1	92.4	92.6	92.8	92.9	93.0	93.3
≥ 1200	46.9	69.2	74.3	79.4	86.1	88.2	90.9	91.8	92.4	93.2	93.6	93.7	93.9	94.0	94.1	94.4
≥ 1000	47.2	70.3	75.7	81.4	88.1	90.2	92.9	93.8	94.4	95.2	95.6	95.7	95.9	96.0	96.1	96.4
≥ 900	47.3	70.7	76.1	81.9	88.6	90.7	93.4	94.3	95.0	95.8	96.1	96.2	96.4	96.6	96.7	97.0
≥ 800	47.4	71.1	76.8	82.7	89.4	91.6	94.4	95.3	96.0	96.8	97.1	97.2	97.4	97.6	97.7	98.1
≥ 700	47.4	71.2	76.9	82.8	89.6	91.7	94.6	95.4	96.1	96.9	97.2	97.3	97.6	97.7	97.8	98.1
≥ 600	47.4	71.2	76.9	82.8	89.9	92.0	94.9	95.9	96.6	97.3	97.7	97.8	98.0	98.1	98.2	98.6
≥ 500	47.4	71.3	77.0	82.9	90.0	92.2	95.2	96.2	96.9	97.8	98.1	98.2	98.4	98.6	98.7	99.0
≥ 400	47.4	71.3	77.0	82.9	90.0	92.2	95.2	96.3	97.0	97.9	98.2	98.3	98.6	98.7	98.8	99.2
≥ 300	47.4	71.3	77.0	82.9	90.0	92.2	95.2	96.3	97.1	98.2	98.6	98.7	98.9	99.1	99.3	99.8
≥ 200	47.4	71.3	77.0	82.9	90.0	92.2	95.2	96.3	97.1	98.2	98.6	98.7	98.9	99.1	99.3	99.9
≥ 100	47.4	71.3	77.0	82.9	90.0	92.2	95.2	96.3	97.1	98.2	98.6	98.7	98.9	99.1	99.3	99.9
0	47.4	71.3	77.0	82.9	90.0	92.2	95.2	96.3	97.1	98.2	98.6	98.7	98.9	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0342

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (YEARS) | JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	19.7	41.2	44.7	49.2	52.9	54.1	55.3	56.9	57.6	57.8	57.8	57.8	57.9	57.9	57.9	57.9
≥ 20000	21.3	44.1	49..	54.1	58.2	59.4	60.8	62.3	63.0	63.3	63.3	63.3	63.4	63.6	63.6	63.6
≥ 18000	21.3	44.2	49.1	54.3	58.4	59.7	61.0	62.6	63.2	63.6	63.6	63.6	63.7	63.8	63.8	63.8
≥ 16000	21.3	44.3	49.2	54.6	58.7	59.9	61.2	62.8	63.4	63.8	63.8	63.8	63.9	64.0	64.0	64.0
≥ 14000	21.4	44.6	49.4	54.9	59.2	60.4	61.8	63.3	64.0	64.3	64.3	64.3	64.4	64.6	64.6	64.6
≥ 12000	22.3	46.2	51.4	57.1	61.6	62.8	64.1	65.7	66.3	66.7	66.7	66.7	66.8	66.9	66.9	66.9
≥ 10000	22.7	47.7	53.0	59.7	63.2	64.8	66.3	67.9	68.9	69.1	69.2	69.2	69.3	69.4	69.4	69.4
≥ 9000	23.2	48.4	54.1	60.1	64.7	66.3	67.9	69.4	70.3	70.7	70.8	70.8	70.9	71.0	71.0	71.0
≥ 8000	24.3	50.9	56.8	63.4	68.4	70.6	72.1	73.7	74.6	75.0	75.1	75.1	75.2	75.3	75.3	75.3
≥ 7000	24.3	51.8	58.2	65.2	70.4	72.6	74.2	75.9	76.8	77.2	77.3	77.3	77.4	77.6	77.6	77.6
≥ 6000	25.3	52.8	59.2	66.3	71.9	74.1	75.8	77.4	78.4	78.9	79.0	79.0	79.1	79.2	79.2	79.2
≥ 5000	25.8	54.0	60.7	68.0	73.8	76.0	77.9	79.6	80.6	81.0	81.1	81.1	81.2	81.3	81.3	81.3
≥ 4500	26.3	55.0	61.8	69.1	74.9	77.1	79.1	81.0	82.1	82.7	82.9	82.9	83.0	83.1	83.1	83.1
≥ 4000	27.1	57.1	64.1	71.9	78.1	80.4	82.4	84.4	85.6	86.2	86.4	86.4	86.6	86.7	86.7	86.8
≥ 3500	27.1	57.4	64.4	72.2	78.4	80.8	83.0	85.1	86.2	86.9	87.1	87.1	87.2	87.3	87.3	87.4
≥ 3000	27.1	57.8	65.2	73.1	79.7	82.1	84.7	86.8	87.9	88.7	88.9	88.9	89.0	89.1	89.1	89.2
≥ 2500	27.2	58.0	65.4	73.3	80.0	82.4	85.0	87.1	88.2	89.0	89.2	89.2	89.3	89.4	89.4	89.6
≥ 2000	27.2	58.4	65.9	73.8	80.8	83.2	86.0	88.1	89.2	90.0	90.2	90.2	90.3	90.4	90.4	90.6
≥ 1800	27.2	58.4	65.9	73.8	80.8	83.2	86.0	88.1	89.2	90.0	90.2	90.2	90.3	90.4	90.4	90.6
≥ 1500	27.2	58.6	66.0	74.0	81.0	83.4	86.6	88.7	89.8	90.6	90.8	90.8	90.9	91.0	91.0	91.1
≥ 1200	27.3	58.9	66.4	74.6	81.8	84.2	87.3	89.7	90.8	91.6	91.8	91.8	91.9	92.0	92.0	92.1
≥ 1000	27.3	59.1	66.7	74.9	82.4	84.9	88.0	90.4	91.6	92.3	92.7	92.7	92.8	92.9	92.9	93.0
≥ 900	27.3	59.4	67.1	75.4	83.2	85.8	88.9	91.4	92.6	93.3	93.7	93.7	93.8	93.9	93.9	94.0
≥ 800	27.3	60.0	67.8	76.4	84.8	87.4	90.6	93.1	94.2	95.0	95.3	95.3	95.4	95.6	95.5	95.7
≥ 700	27.3	60.0	67.8	76.4	85.1	88.0	91.3	93.9	95.0	95.8	96.1	96.1	96.2	96.3	96.3	96.4
≥ 600	27.3	60.0	67.8	76.4	85.2	88.2	91.6	94.2	95.4	96.2	96.7	96.7	96.8	96.9	96.9	97.1
≥ 500	27.3	60.1	68.1	76.8	85.7	88.8	92.3	95.4	96.7	97.4	97.9	97.9	98.0	98.1	98.1	98.4
≥ 400	27.3	60.1	68.1	76.8	85.7	88.8	92.3	95.6	97.0	97.8	98.2	98.2	98.3	98.4	98.4	98.6
≥ 300	27.3	60.1	68.1	76.8	85.7	88.8	92.3	95.7	97.1	97.9	98.6	98.7	98.8	99.0	99.0	99.3
≥ 200	27.3	60.1	68.1	76.8	85.7	88.8	92.3	95.7	97.1	97.9	98.7	98.8	98.9	99.1	99.1	99.4
≥ 100	27.3	60.1	68.1	76.8	85.7	88.8	92.3	95.7	97.1	97.9	98.7	98.8	98.9	99.1	99.1	99.8
≥ 0	27.3	60.1	68.1	76.8	85.7	88.8	92.3	95.7	97.1	97.9	98.7	98.8	98.9	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (YEARS) | JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	29.9	51.6	55.4	58.0	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59	59.4	59.4	59.4	59.4
≥ 20000	30.8	53.7	60.2	63.1	64.6	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 18000	30.8	55.7	60.6	63.4	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 16000	30.8	55.7	60.6	63.4	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 14000	31.1	56.1	61.0	64.0	65.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 12000	31.6	57.9	63.2	66.7	68.1	[illegible]	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 10000	32.2	61.1	65.4	69.0	70.7	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 9000	32.7	61.1	66.6	70.2	71.9	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 8000	33.3	63.3	68.9	72.7	74.4	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 7000	34.4	64.8	70.6	74.6	76.3	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 6000	35.0	65.4	71.2	75.3	77.1	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 5000	35.4	66.8	72.7	77.0	78.9	79.4	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4500	35.6	67.1	73.2	77.8	79.7	80.2	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4000	37.4	69.4	76.1	81.0	82.9	83.4	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3500	38.3	71.0	77.8	82.8	84.8	85.3	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3000	39.2	72.7	79.6	84.7	86.9	87.4	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2500	40.1	73.7	80.8	86.0	88.2	88.8	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2000	40.6	74.8	82.1	87.6	89.9	90.4	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1800	40.7	75.3	82.6	88.1	90.6	91.1	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1500	41.1	76.2	84.3	90.3	92.9	93.6	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1200	41.6	76.9	84.7	90.9	93.9	94.6	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1000	41.6	77.2	85.0	91.7	94.9	95.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 900	41.6	77.7	85.6	92.3	95.6	96.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	41.6	78.0	85.9	92.8	96.0	96.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	41.6	78.0	85.9	92.9	96.3	97.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	41.6	78.0	85.9	92.9	96.6	98.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	41.6	78.1	86.1	93.2	96.9	98.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	41.6	78.1	86.1	93.2	96.9	98.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	41.6	78.1	86.1	93.2	96.9	98.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	41.6	78.1	86.1	93.2	96.9	98.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	41.6	78.1	86.1	93.2	96.9	98.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	41.6	78.1	86.1	93.2	96.9	98.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0343

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (YEARS) | JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.3	47.1	49.3	50.3	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 20000	57.1	52.4	54.9	55.9	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 18000	57.1	52.7	55.1	56.1	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 16000	57.2	52.8	55.3	56.3	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 14000	57.3	52.9	55.6	56.6	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 12000	57.7	54.2	57.1	58.2	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 10000	59.7	58.0	61.1	62.3	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 9000	60.2	59.3	62.4	63.7	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 8000	61.4	62.8	65.9	67.1	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 7000	62.3	63.9	67.2	68.4	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 6000	62.9	64.9	68.2	69.4	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 5000	63.6	66.4	70.6	72.0	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 4500	64.0	67.2	71.4	72.9	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 4000	67.1	72.6	76.9	78.6	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 3500	70.2	76.7	81.2	83.4	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3000	71.8	79.9	84.8	87.1	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2500	72.8	81.4	86.4	89.2	91.2	91.4	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2000	73.1	83.0	88.3	91.6	93.7	93.9	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800	73.2	83.2	88.7	92.0	94.2	94.4	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1500	73.6	84.9	90.6	94.1	96.7	96.9	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	73.6	85.0	90.7	94.2	96.8	97.0	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	73.8	85.7	91.3	95.2	97.8	98.0	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	73.9	85.9	91.7	95.6	98.2	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	73.9	86.0	91.8	95.8	98.6	98.9	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	73.9	86.0	91.8	95.8	98.6	98.9	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	73.9	86.0	91.8	95.8	98.6	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	73.9	86.0	91.8	95.8	98.6	98.9	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	73.9	86.0	91.8	95.8	98.6	98.9	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	73.9	86.0	91.8	95.8	98.6	98.9	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	73.9	86.0	91.8	95.8	98.6	98.9	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	73.9	86.0	91.8	95.8	98.6	98.9	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	73.9	86.0	91.8	95.8	98.6	98.9	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH
USAF ETAC
AFP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	34.2	49.2	50.2	51.2	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 20000	42.7	55.8	57.2	58.3	58.8	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 18000	42.4	56.1	57.6	58.7	59.1	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 16000	43.1	56.2	57.7	58.8	59.2	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 14000	43.1	56.3	57.8	58.9	59.3	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 12000	43.7	57.4	59.0	60.1	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 10000	45.4	60.4	62.6	64.0	64.4	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 9000	45.9	61.6	63.7	65.2	65.7	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 8000	48.0	64.9	66.6	68.2	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 7000	48.3	65.2	67.6	69.2	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 6000	49.7	67.2	69.7	71.7	72.1	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 5000	51.3	69.6	72.6	75.2	75.7	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4500	51.9	71.6	74.6	77.2	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4000	55.3	77.7	81.7	83.8	84.7	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3500	56.7	80.8	84.8	87.9	88.9	89.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3000	58.6	84.3	88.6	92.0	93.0	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2500	59.0	85.3	89.8	93.4	94.4	94.9	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	59.1	86.0	91.3	94.9	96.0	96.4	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	59.1	86.2	91.2	95.2	96.3	96.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	59.3	87.0	92.0	96.1	97.2	97.7	98.1	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 1200	59.4	87.1	92.1	96.3	97.4	97.9	98.3	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 1000	60.0	88.0	93.0	97.2	98.3	98.8	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 900	60.0	88.1	93.0	97.2	98.3	98.8	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 800	60.0	88.0	93.1	97.2	98.3	98.8	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 700	60.0	88.1	93.0	97.2	98.3	98.8	99.2	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 600	60.0	88.0	93.0	97.2	98.3	98.8	99.2	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	60.0	88.0	93.0	97.2	98.3	98.8	99.2	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	60.0	88.0	93.0	97.2	98.3	98.8	99.2	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	60.0	88.0	93.0	97.2	98.3	98.8	99.2	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	60.0	88.0	93.0	97.2	98.3	98.8	99.2	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	60.0	88.0	93.0	97.2	98.3	98.8	99.2	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	60.0	88.0	93.0	97.2	98.3	98.8	99.2	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (YEARS) | JUN (MON)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	>10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	14.1	55.6	57.4	58.3	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 20000	48.2	62.6	64.9	65.8	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 18000	48.7	63.0	65.4	66.3	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 16000	48.8	63.1	65.7	66.6	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 14000	48.8	63.2	65.8	66.7	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 12000	49.9	64.4	67.1	68.0	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 10000	51.6	67.6	70.4	71.6	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 9000	52.9	69.3	72.3	73.4	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 8000	55.2	72.7	75.8	76.9	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 7000	56.2	74.3	77.4	78.7	79.2	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 6000	57.2	75.3	78.6	80.3	80.9	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 5000	58.8	77.6	80.9	83.1	83.7	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 4500	59.0	78.9	82.2	84.7	85.2	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4000	61.3	82.3	86.2	88.7	89.4	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3500	61.6	83.1	87.2	89.9	91.0	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3000	62.6	84.7	89.2	92.0	93.2	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2500	63.3	86.2	91.0	93.9	95.1	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2000	63.3	86.7	91.6	94.8	96.2	97.0	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800	63.3	86.7	91.6	94.8	96.2	97.0	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	63.3	86.8	91.7	95.4	97.0	98.1	98.4	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	63.4	87.2	92.1	95.9	97.4	98.6	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	63.4	87.4	92.3	96.1	97.7	98.8	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	63.4	87.4	92.3	96.1	97.7	98.8	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	63.6	87.6	92.4	96.2	97.8	98.9	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	63.6	87.6	92.4	96.2	97.8	98.9	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	63.6	87.6	92.4	96.2	97.8	98.9	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	63.6	87.6	92.4	96.2	97.8	98.9	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	63.6	87.6	92.4	96.2	97.8	98.9	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	63.6	87.6	92.4	96.2	97.8	98.9	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	63.6	87.6	92.4	96.2	97.8	98.9	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	63.6	87.6	92.4	96.2	97.8	98.9	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	63.6	87.6	92.4	96.2	97.8	98.9	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	45.9	58.9	60.6	61.6	61.8	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 20000	48.8	64.6	66.6	67.9	68.1	68.4	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 18000	49.1	64.9	66.9	68.2	68.4	68.8	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 16000	49.2	65.2	67.0	68.3	68.6	68.9	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 14000	49.3	65.1	67.1	68.4	68.7	69.0	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 12000	50.9	67.0	69.1	70.4	70.7	71.0	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 10000	53.1	70.1	72.4	73.8	74.4	74.8	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 9000	54.0	71.1	73.4	74.8	75.4	75.8	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 8000	56.4	74.4	76.8	78.1	78.8	79.1	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 7000	57.6	75.8	78.1	79.6	80.2	80.6	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 6000	58.4	77.1	79.4	81.4	82.1	82.4	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 5000	59.9	79.2	81.7	83.7	84.4	84.8	85.0	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4500	60.3	80.2	82.9	85.1	86.0	86.3	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4000	63.2	84.0	86.7	89.1	90.6	90.9	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3500	64.6	85.8	88.9	91.3	92.9	93.2	93.4	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3000	65.3	86.6	90.0	92.7	94.6	94.9	95.1	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2500	66.1	87.8	91.2	93.9	95.8	96.1	96.3	96.7	96.8	96.9	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	66.6	88.2	91.7	94.6	96.4	96.8	97.0	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800	66.7	88.3	91.8	94.7	96.6	96.9	97.1	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	66.9	88.8	92.3	95.3	97.2	97.6	97.9	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	67.2	89.2	92.8	95.9	97.8	98.1	98.4	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	67.2	89.3	92.9	96.0	97.9	98.2	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	67.2	89.4	93.0	96.1	98.0	98.3	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	67.2	89.7	93.3	96.4	98.3	98.7	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	67.2	89.8	93.4	96.6	98.6	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	67.2	89.8	93.4	96.6	98.6	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	67.2	89.8	93.4	96.6	98.6	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	67.2	89.9	93.4	96.6	98.6	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	67.2	89.8	93.4	96.6	98.6	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	67.2	89.8	93.4	96.6	98.6	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	67.2	89.8	93.4	96.6	98.6	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	67.3	89.8	93.4	96.6	98.6	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) | RIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (YEARS) | JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.5	50.1	52.7	54.6	56.1	56.6	57.1	57.4	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.8
≥ 20000	38.4	55.3	58.3	60.6	62.2	62.8	63.3	63.6	63.8	63.9	63.9	63.9	64.0	64.0	64.0	64.1
≥ 18000	38.5	55.5	58.5	60.8	62.5	63.1	63.6	63.9	64.0	64.1	64.2	64.2	64.2	64.2	64.3	64.3
≥ 16000	38.6	55.6	58.7	61.0	62.7	63.2	63.7	64.0	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.5
≥ 14000	38.8	55.9	59.1	61.3	63.0	63.5	64.1	64.4	64.5	64.6	64.7	64.7	64.7	64.7	64.8	64.8
≥ 12000	39.6	57.3	60.5	62.9	64.7	65.3	65.8	66.1	66.2	66.4	66.4	66.4	66.4	66.5	66.5	66.5
≥ 10000	41.3	60.3	63.8	66.3	68.4	69.0	69.6	69.9	70.1	70.2	70.3	70.3	70.3	70.3	70.4	70.4
≥ 9000	42.2	61.6	65.2	67.8	69.8	70.5	71.1	71.4	71.6	71.7	71.8	71.8	71.8	71.8	71.9	71.9
≥ 8000	43.9	64.6	68.2	70.9	73.1	73.8	74.4	74.7	74.9	75.1	75.1	75.1	75.1	75.2	75.2	75.2
≥ 7000	44.7	65.8	69.6	72.4	74.6	75.3	76.0	76.3	76.5	76.7	76.7	76.7	76.7	76.8	76.8	76.8
≥ 6000	45.5	67.0	70.8	73.9	76.1	76.9	77.6	77.9	78.1	78.2	78.3	78.3	78.3	78.4	78.4	78.4
≥ 5000	46.4	68.6	72.8	76.1	78.4	79.2	79.9	80.2	80.5	80.6	80.7	80.7	80.7	80.7	80.8	80.8
≥ 4500	47.1	70.0	74.2	77.6	80.0	80.8	81.6	81.9	82.2	82.3	82.4	82.4	82.4	82.5	82.5	82.5
≥ 4000	49.2	73.4	77.9	81.5	84.2	85.1	85.9	86.3	86.5	86.7	86.8	86.8	86.8	86.8	86.9	86.9
≥ 3500	50.1	75.3	79.7	83.5	86.4	87.3	88.1	88.5	88.7	88.9	89.0	89.0	89.0	89.1	89.1	89.1
≥ 3000	51.0	76.7	81.6	85.5	88.6	89.6	90.5	90.9	91.1	91.4	91.4	91.4	91.5	91.5	91.5	91.6
≥ 2500	51.6	77.6	82.7	86.7	89.9	90.9	91.8	92.3	92.5	92.7	92.8	92.8	92.9	92.9	92.9	93.0
≥ 2000	51.8	78.3	83.6	87.9	91.2	92.1	93.1	93.7	93.9	94.1	94.2	94.2	94.3	94.3	94.3	94.4
≥ 1800	51.9	78.6	83.8	88.2	91.5	92.4	93.5	94.0	94.3	94.5	94.6	94.6	94.6	94.6	94.7	94.7
≥ 1500	52.2	79.3	84.7	89.2	92.5	93.7	94.8	95.3	95.6	95.8	95.9	95.9	96.0	96.0	96.0	96.1
≥ 1200	52.3	79.8	85.1	89.8	93.3	94.3	95.5	96.1	96.3	96.6	96.7	96.7	96.7	96.7	96.8	96.8
≥ 1000	52.5	80.3	85.7	90.6	94.2	95.2	96.4	97.0	97.3	97.5	97.6	97.6	97.7	97.7	97.7	97.8
≥ 900	52.5	80.5	86.0	90.9	94.5	95.5	96.7	97.4	97.7	97.9	98.0	98.0	98.1	98.1	98.1	98.2
≥ 800	52.6	80.8	86.3	91.3	95.0	96.1	97.3	98.0	98.2	98.5	98.6	98.6	98.7	98.7	98.7	98.8
≥ 700	52.6	80.8	86.3	91.3	95.2	96.3	97.6	98.2	98.5	98.8	98.9	98.9	98.9	99.0	99.0	99.1
≥ 600	52.6	80.8	86.3	91.3	95.2	96.4	97.7	98.4	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.3
≥ 500	52.6	80.9	86.4	91.4	95.4	96.6	97.9	98.7	99.0	99.3	99.4	99.5	99.5	99.5	99.6	99.7
≥ 400	52.6	80.9	86.4	91.4	95.4	96.6	98.0	98.8	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.7
≥ 300	52.6	80.9	86.4	91.4	95.4	96.6	98.0	98.8	99.1	99.4	99.6	99.6	99.7	99.7	99.8	99.9
≥ 200	52.6	80.9	86.4	91.4	95.4	96.6	98.0	98.8	99.1	99.4	99.6	99.6	99.7	99.7	99.8	99.9
≥ 100	52.6	80.9	86.4	91.4	95.4	96.6	98.0	98.8	99.1	99.4	99.6	99.6	99.7	99.7	99.8	99.9
≥ 0	52.6	80.9	86.4	91.4	95.4	96.6	98.0	98.8	99.1	99.4	99.6	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7199

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	40.5	55.9	60.2	62.7	65.4	66.1	66.8	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 20000	42.4	58.8	64.6	67.4	71.0	71.8	72.6	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 18000	42.4	58.8	64.6	67.5	71.1	71.9	72.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 16000	42.4	59.1	64.9	67.8	71.4	72.3	73.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 14000	42.9	59.4	65.2	68.1	71.6	72.5	73.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 12000	42.9	60.1	66.0	69.0	72.8	73.8	74.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 10000	44.5	62.7	68.8	72.5	76.3	77.5	78.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 9000	44.5	62.8	69.0	72.7	76.7	77.8	78.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 9000	45.4	65.1	71.3	74.9	78.9	80.1	81.0	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 7000	46.2	66.7	73.1	76.8	81.0	82.2	83.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 6000	46.5	67.1	73.9	77.7	81.9	83.1	84.0	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 5000	47.1	68.4	75.3	79.1	83.3	84.5	85.4	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4500	47.6	69.6	76.7	80.6	84.8	86.0	87.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4000	48.6	71.9	79.4	83.3	87.6	88.8	89.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	48.8	73.0	80.5	84.9	89.2	90.4	91.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3000	49.0	73.7	81.4	85.8	90.1	91.3	92.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2500	49.2	74.1	81.8	86.2	90.5	91.7	93.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	49.2	74.4	82.5	87.1	91.5	92.9	94.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800	49.2	74.4	82.5	87.1	91.5	92.9	94.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	49.2	74.8	83.2	88.0	92.5	93.9	95.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	49.4	75.4	84.0	88.7	93.2	94.7	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	49.4	75.5	84.2	89.1	93.9	95.6	97.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	49.4	75.5	84.2	89.1	93.9	95.6	97.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	49.4	75.7	84.4	89.5	94.3	96.0	97.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	49.4	75.7	84.4	89.6	94.8	96.8	98.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	49.4	75.7	84.4	89.6	94.9	96.9	98.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	49.4	75.7	84.4	89.6	94.9	96.9	98.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	49.4	75.7	84.4	89.6	94.9	96.9	98.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	49.4	75.7	84.4	89.6	94.9	96.9	98.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	49.4	75.7	84.4	89.6	94.9	96.9	98.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	49.4	75.7	84.4	89.6	94.9	96.9	98.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	49.4	75.7	84.4	89.6	94.9	96.9	98.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0346

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILIT

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥ 5/16	≥¼	≥0
NO CEILING	30.4	43.9	49.1	57.7	5 .2	59.9	61.9	64.3	64.7	65.5	65.6	65.6	65.9	65.9	66.0	66.
≥ 20000	31.6	46.2	51.9	56.5	62.4	64.4	66.6	68.9	69.4	70.2	70.5	70.5	70.9	70.9	71.0	71.
≥ 18000	31.6	46.2	51.9	56.6	62.6	64.6	66.8	69.2	69.7	70.5	70.9	70.9	71.2	71.2	71.3	71.
≥ 16000	31.7	46.3	52.2	56.9	63.0	65.1	67.2	69.7	70.1	71.0	71.3	71.3	71.6	71.6	71.7	71.
≥ 14000	31.9	46.6	52.5	57.3	63.4	65.5	67.6	70.1	70.5	71.4	71.7	71.7	72.0	72.0	72.2	72.
≥ 12000	32.6	48.0	54.0	58.7	64.9	67.0	69.2	71.7	72.2	73.0	73.4	73.4	73.8	73.8	73.9	73.
≥ 10000	33.4	50.4	57.1	62.8	69.6	71.8	74.1	76.6	77.0	77.8	78.3	78.3	78.6	78.6	78.7	78.
≥ 9000	33.8	50.9	57.3	63.2	70.1	72.4	74.6	77.1	77.5	78.4	78.8	78.8	79.1	79.1	79.2	79.
≥ 8000	34.5	52.4	59.0	64.7	72.2	74.5	76.8	79.4	79.8	80.6	81.1	81.1	81.5	81.5	81.6	81.
≥ 7000	35.2	53.3	60.3	66.1	74.2	76.5	78.8	81.4	81.8	82.7	83.1	83.1	83.5	83.5	83.7	83.
≥ 6000	35.2	53.5	60.6	66.6	74.8	77.3	79.6	82.2	82.6	83.4	83.9	83.9	84.3	84.3	84.4	84.
≥ 5000	35.4	54.1	61.3	67.3	75.6	78.1	80.4	83.1	83.5	84.4	84.8	84.8	85.3	85.3	85.4	85.
≥ 4500	35.9	55.2	62.4	68.5	76.8	79.2	81.6	84.3	84.7	85.6	86.0	86.0	86.5	86.5	86.6	86.
≥ 4000	36.0	55.8	63.0	69.5	78.3	81.1	83.7	86.5	86.9	87.7	88.2	88.2	88.6	88.6	88.7	88.
≥ 3500	36.6	57.0	64.4	71.0	79.9	82.7	85.3	88.1	88.5	89.4	89.8	89.8	90.2	90.2	90.3	90.
≥ 3000	36.6	57.2	64.7	71.3	80.5	83.3	85.9	88.7	89.1	90.0	90.4	90.4	90.9	90.9	91.0	91.
≥ 2500	36.6	57.4	65.3	71.8	81.1	83.9	86.5	89.2	89.7	90.5	91.0	91.0	91.4	91.4	91.5	91.
≥ 2000	36.9	58.1	66.0	72.8	82.0	84.8	87.4	90.2	90.6	91.5	91.9	91.9	92.4	92.4	92.5	92.
≥ 1800	36.9	58.1	66.0	72.8	82.0	84.9	87.5	90.3	90.8	91.6	92.0	92.0	92.5	92.5	92.6	92.
≥ 1500	37.1	58.6	66.6	73.4	82.8	85.9	88.5	91.3	91.7	92.6	93.0	93.0	93.4	93.4	93.5	93.
≥ 1200	37.2	58.8	66.9	73.8	83.1	86.2	88.8	91.6	92.0	92.9	93.3	93.3	93.8	93.8	93.9	93.
≥ 1000	37.2	59.4	67.5	74.5	84.1	87.2	90.1	92.9	93.3	94.2	94.6	94.6	95.1	95.	95.2	95.
≥ 900	37.2	59.5	67.6	74.7	84.6	87.8	90.8	93.5	94.0	94.8	95.3	95.3	95.7	95.7	95.8	95.
≥ 800	37.2	59.6	67.7	74.8	84.8	88.1	91.0	93.8	94.2	95.1	95.5	95.5	95.9	95.9	96.0	96.
≥ 700	37.2	59.6	68.0	75.3	85.4	88.7	91.9	94.7	95.2	96.0	96.5	96.5	96.9	96.9	97.0	97.
≥ 600	37.2	59.8	68.3	75.7	86.1	89.5	92.9	95.7	96.1	97.0	97.4	97.4	97.8	97.8	98.0	98.
≥ 500	37.2	59.8	68.3	75.7	86.1	89.6	93.3	96.3	96.8	97.6	98.1	98.1	98.6	98.6	98.7	98.
≥ 400	37.2	59.8	68.4	75.8	86.2	89.8	93.7	96.7	97.4	98.3	98.7	98.7	99.2	99.2	99.4	99.
≥ 300	37.2	59.8	68.4	75.8	86.2	89.8	93.7	96.7	97.4	98.6	99.0	99.0	99.6	99.7	99.8	99.
≥ 200	37.2	59.8	68.4	75.8	86.2	89.8	93.7	96.7	97.4	98.6	99.0	99.0	99.6	99.7	99.8	99.
≥ 100	37.2	59.8	68.4	75.8	86.2	89.8	93.7	96.7	97.4	98.6	99.0	99.0	99.6	99.7	99.8	99.
≥ 0	37.2	59.8	68.4	75.8	86.2	89.8	93.7	96.7	97.4	98.6	99.0	99.0	99.6	99.7	99.8	100.

TOTAL NUMBER OF OBSERVATIONS 931

USAF ETAC FORM JUL 64 0-14-5 (GL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	16.9	36.6	40.9	46.0	50.2	52.9	55.1	58.1	59.2	59.6	60.3	60.3	60.4	60.5	60.5	60.6
≥ 20000	18.2	38.6	43.1	48.4	53.3	56.2	58.6	61.9	63.1	63.7	64.4	64.4	64.5	64.6	64.6	64.7
≥ 18000	18.3	38.9	43.3	48.7	53.8	56.8	59.1	62.5	63.7	64.2	64.9	64.9	65.1	65.2	65.2	65.3
≥ 16000	18.3	38.9	43.3	48.7	54.0	57.0	59.5	62.8	64.0	64.5	65.3	65.3	65.4	65.5	65.5	65.6
≥ 14000	18.3	39.1	43.7	49.0	54.3	57.3	59.8	63.1	64.3	64.8	65.6	65.6	65.7	65.8	65.8	65.9
≥ 12000	18.4	40.0	44.5	50.2	55.6	58.6	61.2	64.5	65.7	66.5	67.3	67.3	67.4	67.5	67.5	67.6
≥ 10000	18.6	42.3	46.9	53.0	59.1	62.5	65.2	68.5	69.7	70.4	71.3	71.3	71.5	71.6	71.6	71.7
≥ 9000	18.9	42.5	47.1	53.3	59.7	63.1	66.1	69.6	70.8	71.6	72.5	72.5	72.7	72.8	72.9	72.9
≥ 8000	19.5	44.1	48.9	55.7	62.	65.9	69.0	72.8	74.0	74.8	75.7	75.7	75.9	76.0	76.0	76.1
≥ 7000	20.0	44.9	50.2	57.2	64.	68.0	71.1	74.8	76.0	76.9	77.7	77.7	78.0	78.1	78.1	78.2
≥ 6000	20.0	45.1	50.3	57.5	64.8	68.5	71.8	75.6	76.8	77.6	78.5	78.5	78.7	78.8	78.8	78.9
≥ 5000	20.0	45.9	51.3	58.5	65.8	69.6	73.0	77.1	78.3	79.2	80.1	80.1	80.3	80.4	80.4	80.5
≥ 4500	20.2	46.3	51.7	58.9	66.5	70.2	73.7	77.7	78.9	79.9	80.8	80.8	81.0	81.1	81.1	81.2
≥ 4000	20.3	47.2	52.7	60.2	68.2	71.9	75.8	80.3	81.5	82.5	83.3	83.3	83.5	83.7	83.7	83.8
≥ 3500	20.4	47.5	53.2	61.0	68.9	72.8	76.9	81.4	82.6	83.5	84.4	84.4	84.6	84.7	84.7	84.8
≥ 3000	20.5	48.3	54.1	61.9	70.2	74.1	78.4	83.0	84.2	85.3	86.1	86.1	86.3	86.5	86.5	86.6
≥ 2500	20.5	48.6	54.5	62.5	71.1	75.1	79.6	84.2	85.4	86.5	87.3	87.3	87.5	87.6	87.6	87.7
≥ 2000	20.6	48.9	55.1	63.1	71.8	75.8	80.3	85.1	86.2	87.3	88.2	88.2	88.4	88.5	88.5	88.6
≥ 1800	20.9	49.2	55.4	63.5	72.4	76.3	80.9	85.6	86.8	87.8	88.7	88.7	88.9	89.0	89.0	89.1
≥ 1500	20.9	49.5	55.7	64.1	73.3	77.3	82.0	87.0	88.4	89.5	90.3	90.3	90.5	90.6	90.6	90.8
≥ 1200	20.9	49.6	55.9	64.4	74.3	78.4	83.2	88.3	89.7	90.8	91.6	91.6	91.8	91.9	91.9	92.0
≥ 1000	20.9	49.7	56.0	64.6	74.7	79.0	84.1	89.4	90.8	91.8	92.7	92.7	92.9	93.0	93.0	93.1
≥ 900	20.9	49.7	56.0	64.7	74.8	79.1	84.3	89.7	91.1	92.2	93.0	93.0	93.2	93.3	93.3	93.4
≥ 800	20.9	49.8	56.1	64.8	75.2	79.6	84.7	90.1	91.5	92.7	93.5	93.5	93.8	93.9	93.9	94.0
≥ 700	20.9	50.1	56.6	65.4	75.8	80.2	85.5	90.9	92.5	93.7	94.5	94.5	94.7	94.8	94.8	94.9
≥ 600	20.9	50.2	56.8	65.6	76.1	80.5	86.0	91.6	93.2	94.5	95.4	95.4	95.6	95.7	95.7	95.8
≥ 500	20.9	50.2	56.8	65.7	76.2	81.0	86.5	92.3	94.1	95.5	96.3	96.3	96.7	96.8	96.9	97.0
≥ 400	20.9	50.3	56.9	65.8	76.3	81.1	86.7	92.9	94.6	96.3	97.2	97.2	97.5	97.6	97.7	97.8
≥ 300	20.9	50.3	56.9	65.8	76.3	81.1	86.7	92.9	94.8	96.6	97.6	97.6	98.1	98.2	98.5	98.8
≥ 200	20.9	50.3	56.9	65.8	76.3	81.1	86.7	92.9	94.8	96.6	97.6	97.6	98.2	98.3	98.9	99.7
≥ 100	20.9	50.3	56.9	65.8	76.3	81.1	86.7	92.9	94.8	96.6	97.6	97.6	98.2	98.3	98.9	99.6
≥ 0	20.9	50.3	56.9	65.8	76.3	81.1	86.7	92.9	94.8	96.6	97.6	97.6	98.2	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0347

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	28.9	47.8	53.2	56.7	59.4	60.2	60.4	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 20000	51.1	51.3	56.9	60.6	63.3	64.2	64.6	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 18000	51.1	51.4	57.0	60.8	63.4	64.3	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 16000	51.1	51.5	57.1	61.1	63.8	64.6	65.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 14000	51.2	51.7	57.3	61.5	64.2	65.1	65.5	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 12000	51.5	52.7	58.8	63.0	65.7	66.7	67.1	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 10000	32.6	55.1	61.9	66.7	69.8	70.9	71.3	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 9000	32.7	55.8	62.8	67.5	70.9	72.3	72.7	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 8000	33.2	57.7	64.8	69.7	73.2	74.7	75.2	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 7000	33.3	58.1	65.4	71.0	74.5	76.0	76.5	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 6000	33.7	58.4	65.7	71.5	75.1	76.6	77.0	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 5000	33.8	59.0	66.3	72.2	75.8	77.3	77.7	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4500	34.1	59.8	67.3	73.1	76.8	78.3	78.8	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4000	34.4	60.8	68.4	74.4	78.3	80.0	80.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3500	34.5	61.6	69.2	75.5	79.9	81.6	82.5	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3000	35.2	63.1	71.4	77.8	82.9	84.7	85.6	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2500	35.6	64.0	72.3	78.7	83.8	85.7	86.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2000	35.9	64.7	73.1	80.1	85.6	87.6	88.5	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1800	36.0	64.8	73.2	80.3	86.0	88.2	89.0	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1500	36.1	65.5	74.0	81.5	87.2	89.4	90.3	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	36.6	66.3	75.6	83.4	90.0	92.2	93.2	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1000	36.6	66.9	76.2	84.5	91.4	93.9	94.9	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	36.6	67.0	76.3	84.8	91.8	94.4	95.6	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 800	36.6	67.0	76.7	85.3	92.4	94.9	96.1	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	36.6	67.1	76.9	85.7	93.0	95.6	96.8	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	36.6	67.5	77.4	86.3	93.8	96.3	97.5	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	36.6	67.5	77.4	86.3	93.9	96.6	98.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	36.6	67.5	77.4	86.3	93.9	96.6	98.0	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	36.6	67.5	77.4	86.3	93.9	96.6	98.0	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	36.6	67.5	77.4	86.3	93.9	96.6	98.0	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	36.6	67.5	77.4	86.3	93.9	96.6	98.0	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	36.6	67.5	77.4	86.3	93.9	96.6	98.0	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (YEARS) | JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	30.8	44.8	48.6	50.5	52.2	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 20000	34.3	52.0	56.2	58.3	60.1	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 18000	34.8	52.1	56.2	58.3	60.1	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 16000	34.8	52.2	56.5	58.5	60.3	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 14000	34.8	52.6	57.0	59.0	60.9	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 12000	34.9	53.5	58.1	60.1	62.0	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 10000	36.0	56.1	60.9	63.0	65.1	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 9000	36.1	56.8	61.5	63.7	65.7	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 8000	36.9	58.5	63.2	65.5	67.6	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 7000	37.3	59.0	63.9	66.2	68.5	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 6000	38.0	59.7	64.8	67.4	69.7	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 5000	38.1	60.8	65.7	68.5	70.8	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 4500	39.0	63.2	67.5	70.3	72.9	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4000	39.7	64.8	70.6	74.1	77.6	78.0	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3500	40.9	68.4	74.4	78.6	82.3	82.6	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3000	41.5	71.0	77.5	82.0	86.8	87.6	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2500	42.4	73.0	79.8	84.5	89.7	90.5	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 2000	42.9	74.6	82.2	87.2	92.6	93.5	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1800	42.9	74.8	82.5	87.7	93.1	94.1	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1500	43.1	76.0	83.8	89.1	94.8	95.9	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200	43.2	76.6	84.7	90.4	96.1	97.2	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	43.2	76.7	85.2	91.1	96.8	97.8	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	43.2	76.7	85.2	91.1	96.8	98.3	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	43.2	76.7	85.2	91.1	96.8	98.0	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	43.2	76.8	85.5	91.4	97.1	98.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	43.2	76.8	85.5	91.4	97.1	98.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	43.2	76.9	85.6	91.5	97.2	98.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	43.2	76.9	85.6	91.5	97.2	98.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	43.2	76.9	85.6	91.5	97.2	98.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	43.2	76.9	85.6	91.5	97.2	98.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	43.2	76.9	85.6	91.5	97.2	98.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	43.2	76.9	85.6	91.5	97.2	98.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

0348

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.4	43.5	47.7	49.8	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 20000	36.2	51.0	55.9	58.2	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 18000	36.3	51.1	56.0	58.3	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 16000	36.5	51.2	56.1	58.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 14000	36.6	51.7	56.7	59.1	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 12000	37.6	52.7	57.6	60.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 10000	39.1	56.6	61.8	64.6	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 9000	39.4	57.6	62.9	65.8	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 8000	40.8	60.8	66.5	69.4	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 7000	41.4	62.3	68.0	71.1	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 6000	41.3	62.9	68.6	71.7	73.8	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 5000	42.9	64.6	70.6	74.1	76.2	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4500	43.4	66.5	73.3	77.0	79.6	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	44.6	69.1	76.7	81.0	83.7	83.9	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3500	45.2	71.7	79.8	84.2	87.3	87.6	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3000	46.3	74.1	82.8	87.6	90.9	91.5	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2500	47.0	75.7	84.5	89.4	92.8	93.4	94.0	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	47.4	77.3	86.1	91.3	94.9	95.8	96.3	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800	47.4	77.5	86.3	91.5	95.2	96.0	96.7	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1500	47.5	77.8	86.7	92.0	95.9	96.8	97.7	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	47.5	77.8	86.7	92.4	96.5	97.3	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	47.5	77.8	86.7	92.7	96.9	97.7	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	47.5	77.8	86.7	92.8	97.0	98.0	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	47.5	78.0	86.8	93.0	97.2	98.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	47.5	78.3	86.8	93.0	97.2	98.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	47.5	78.0	86.8	93.0	97.2	98.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	47.5	78.0	86.8	93.0	97.2	98.2	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	47.5	78.0	86.8	93.0	97.2	98.2	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	47.5	78.0	86.8	93.0	97.2	98.2	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	47.5	78.0	86.8	93.0	97.2	98.2	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	47.5	78.0	86.8	93.0	97.2	98.2	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	47.5	78.0	86.8	93.0	97.2	98.2	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	37.8	50.3	54.6	57.7	59.7	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 20000	41.7	55.8	61.0	64.5	66.8	66.3	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 18000	41.9	56.0	61.2	64.7	66.0	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 16000	41.9	56.0	61.2	64.7	66.9	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 14000	42.0	56.3	61.6	65.6	66.9	67.0	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 12000	42.4	57.5	63.2	67.6	68.9	69.7	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 10000	44.2	60.6	66.7	71.5	72.9	73.7	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 9000	44.7	61.3	67.4	72.4	74.0	74.7	74.8	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 8000	45.7	64.6	70.9	75.9	77.7	78.5	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 7000	46.9	65.6	72.2	77.2	79.0	79.8	79.9	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 6000	47.1	66.6	73.2	78.5	80.4	81.2	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 5000	47.6	68.2	75.5	81.9	83.0	84.0	84.1	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4500	47.8	69.0	76.3	82.2	84.4	85.4	85.5	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4000	49.0	72.1	80.0	86.0	88.4	89.4	89.6	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3500	49.1	73.4	81.6	88.2	91.0	91.9	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3000	49.1	74.0	82.4	89.0	91.9	93.2	93.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2500	49.1	74.7	83.2	89.9	92.8	94.4	94.8	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2000	49.5	75.4	84.0	90.9	93.9	95.6	96.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1800	49.5	75.5	84.1	91.0	94.0	95.7	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1500	49.5	75.6	84.2	91.2	94.6	96.3	97.1	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	49.6	75.8	84.4	91.4	94.9	96.7	97.7	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	49.6	75.8	84.4	91.6	95.4	97.1	98.3	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	49.6	75.8	84.4	91.8	95.6	97.3	98.5	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	49.6	75.8	84.4	91.8	95.8	97.5	98.7	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	49.6	75.8	84.4	91.8	95.8	97.5	98.7	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 600	49.6	75.8	84.4	91.8	95.8	97.5	98.7	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	49.6	75.8	84.4	91.8	95.8	97.5	98.7	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	49.6	75.8	84.4	91.8	95.8	97.5	98.7	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	49.6	75.8	84.4	91.8	95.8	97.5	98.7	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	49.6	75.8	84.4	91.8	95.8	97.5	98.7	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	49.6	75.8	84.4	91.8	95.8	97.5	98.7	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
0	49.6	75.8	84.4	91.8	95.8	97.5	98.7	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0349

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 58-70, 73-79 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	43.7	56.5	60.1	62.7	64.3	64.9	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 20000	45.4	61.7	65.6	69.0	71.1	71.7	71.9	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 18000	45.5	61.9	65.8	69.2	71.3	71.9	72.2	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 16000	45.5	62.2	66.0	69.5	71.5	72.2	72.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 14000	45.5	62.2	66.0	69.5	71.6	72.4	72.6	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 12000	45.7	62.8	67.2	71.1	73.2	74.1	74.3	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 10000	47.8	65.8	70.4	74.5	76.9	78.1	78.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 9000	48.2	66.3	71.0	75.1	77.4	78.6	78.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 8000	49.6	69.5	74.1	78.7	81.1	82.3	82.5	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1
≥ 7000	49.9	69.9	74.7	79.6	81.9	83.1	83.3	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0
≥ 6000	49.9	70.4	75.7	81.1	83.4	84.6	84.8	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5
≥ 5000	50.2	71.4	76.7	82.1	84.4	85.7	85.9	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6
≥ 4500	50.2	72.3	77.6	83.0	85.6	86.9	87.1	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7
≥ 4000	51.5	74.8	80.4	86.1	88.9	90.2	90.4	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1
≥ 3500	51.9	75.7	81.3	87.3	90.4	91.7	91.9	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7
≥ 3000	52.5	76.6	82.4	88.7	92.2	93.5	93.8	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5
≥ 2500	52.7	77.1	83.0	89.6	93.1	94.6	94.8	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6
≥ 2000	52.7	77.5	83.8	90.6	94.2	95.7	96.0	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8
≥ 1800	52.7	77.7	84.0	90.9	94.5	96.0	96.3	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1
≥ 1500	52.7	78.1	84.4	91.5	95.4	96.9	97.2	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0
≥ 1200	52.7	78.2	84.5	91.6	95.8	97.3	97.6	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4
≥ 1000	52.7	78.2	84.5	91.7	96.0	97.6	98.0	98.6	98.6	98.6	98.7	98.8	98.8	98.9	98.9	98.9
≥ 900	52.7	78.2	84.5	91.7	96.2	97.8	98.2	98.8	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.1
≥ 800	52.7	78.2	84.5	91.8	96.5	98.1	98.4	99.0	99.0	99.0	99.1	99.2	99.2	99.4	99.4	99.4
≥ 700	52.7	78.2	84.5	92.0	96.7	98.4	98.8	99.5	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8
≥ 600	52.7	78.2	84.5	92.3	96.8	98.5	98.9	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9
≥ 500	52.7	78.2	84.5	92.0	96.8	98.6	99.0	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0
≥ 400	52.7	78.2	84.5	92.0	96.8	98.6	99.0	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0
≥ 300	52.7	78.2	84.5	92.0	96.8	98.6	99.0	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0
≥ 200	52.7	78.2	84.5	92.0	96.8	98.6	99.0	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0
≥ 100	52.7	78.2	84.5	92.0	96.8	98.6	99.0	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0
≥ 0	52.7	78.2	84.5	92.0	96.8	98.6	99.0	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	32.5	47.4	51.8	54.9	57.5	58.3	59.0	59.9	60.1	60.3	60.4	60.4	60.4	60.4	60.5	60.5
≥ 20000	35.2	51.9	56.9	60.4	63.3	64.4	65.1	66.1	66.3	66.5	66.6	66.6	66.7	66.7	66.7	66.7
≥ 18000	35.2	52.1	57.1	60.5	63.5	64.6	65.3	66.3	66.5	66.7	66.8	66.8	66.9	66.9	66.9	66.9
≥ 16000	35.3	52.2	57.2	60.7	63.8	64.8	65.6	66.6	66.8	66.9	67.1	67.1	67.1	67.2	67.2	67.2
≥ 14000	35.3	52.4	57.5	61.1	64.2	65.3	66.1	67.1	67.3	67.5	67.6	67.6	67.7	67.7	67.7	67.7
≥ 12000	35.7	53.4	58.7	62.5	65.7	66.8	67.6	68.6	68.8	69.1	69.2	69.2	69.3	69.3	69.3	69.3
≥ 10000	37.1	56.2	61.8	66.1	69.5	70.8	71.6	72.6	72.8	73.1	73.2	73.2	73.3	73.3	73.3	73.3
≥ 9000	37.3	56.7	62.4	66.7	70.2	71.6	72.4	73.5	73.7	74.0	74.1	74.1	74.2	74.2	74.2	74.2
≥ 8000	38.2	59.1	64.8	69.3	73.0	74.4	75.3	76.4	76.6	76.9	77.0	77.0	77.1	77.1	77.1	77.2
≥ 7000	38.7	60.0	66.0	70.6	74.5	75.9	76.8	78.0	78.2	78.4	78.6	78.6	78.7	78.7	78.7	78.7
≥ 6000	39.3	60.5	66.6	71.5	75.5	76.9	77.8	79.0	79.2	79.4	79.6	79.6	79.7	79.7	79.7	79.7
≥ 5000	39.4	61.5	67.8	72.8	76.9	78.3	79.3	80.5	80.7	81.0	81.1	81.1	81.2	81.2	81.3	81.3
≥ 4500	39.8	62.6	69.1	74.2	78.4	79.9	80.9	82.1	82.3	82.5	82.7	82.7	82.8	82.8	82.8	82.8
≥ 4000	40.5	64.8	71.4	76.8	81.4	82.9	84.1	85.5	85.7	85.9	86.1	86.1	86.2	86.2	86.2	86.2
≥ 3500	40.9	66.0	73.1	78.8	83.6	85.2	86.5	87.9	88.1	88.3	88.5	88.5	88.6	88.6	88.6	88.6
≥ 3000	41.3	67.2	74.6	80.5	85.7	87.4	88.8	90.2	90.4	90.7	90.9	90.9	91.0	91.0	91.0	91.0
≥ 2500	41.6	68.1	75.6	81.6	86.9	88.7	90.1	91.5	91.7	92.0	92.2	92.2	92.3	92.3	92.3	92.3
≥ 2000	41.9	68.9	76.6	82.9	88.3	90.2	91.7	93.2	93.4	93.7	93.8	93.8	93.9	93.9	93.9	94.0
≥ 1800	41.9	69.0	76.7	83.1	88.6	90.5	92.0	93.5	93.7	94.0	94.1	94.1	94.2	94.2	94.2	94.3
≥ 1500	42.1	69.9	77.3	83.9	89.6	91.5	93.1	94.6	94.9	95.1	95.3	95.3	95.4	95.4	95.4	95.4
≥ 1200	42.1	69.8	77.8	84.5	90.5	92.5	94.2	95.7	96.0	96.2	96.4	96.4	96.5	96.5	96.5	96.5
≥ 1000	42.1	70.0	78.1	85.0	91.1	93.3	95.0	96.6	96.8	97.1	97.3	97.3	97.4	97.4	97.4	97.4
≥ 900	42.1	70.0	78.1	85.1	91.3	93.5	95.3	96.9	97.1	97.4	97.6	97.6	97.7	97.7	97.7	97.7
≥ 800	42.1	70.1	78.2	85.3	91.6	93.8	95.6	97.2	97.4	97.7	97.9	97.9	98.0	98.1	98.1	98.1
≥ 700	42.1	70.1	78.4	85.5	92.0	94.2	96.0	97.7	98.0	98.3	98.5	98.5	98.6	98.6	98.6	98.6
≥ 600	42.1	70.2	78.5	85.7	92.2	94.5	96.4	98.1	98.3	98.6	98.8	98.8	98.9	99.0	99.0	99.0
≥ 500	42.1	70.3	78.5	85.7	92.3	94.6	96.6	98.4	98.7	99.0	99.2	99.2	99.3	99.4	99.4	99.4
≥ 400	42.1	70.3	78.5	85.7	92.3	94.6	96.6	98.5	98.8	99.2	99.4	99.4	99.5	99.6	99.6	99.6
≥ 300	42.1	70.3	78.5	85.7	92.3	94.6	96.6	98.5	98.9	99.3	99.5	99.5	99.7	99.7	99.8	99.8
≥ 200	42.1	70.3	78.5	85.7	92.3	94.6	96.6	98.5	98.9	99.3	99.5	99.5	99.7	99.7	99.8	99.9
≥ 100	42.1	70.3	78.5	85.7	92.3	94.6	96.6	98.5	98.9	99.3	99.5	99.5	99.7	99.7	99.8	100.0
≥ 0	42.1	70.3	78.5	85.7	92.3	94.6	96.6	98.5	98.9	99.3	99.5	99.5	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

0350

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 66-70,73-79 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	35.4	45.5	53.6	58.8	62.1	63.3	64.0	64.4	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 20000	36.5	52.5	57.7	62.6	66.4	68.1	69.0	69.3	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 18000	36.6	52.6	57.4	62.9	66.6	68.4	69.2	69.5	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 16000	36.6	52.6	57.4	62.9	66.6	68.4	69.2	69.5	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 14000	36.7	52.9	57.6	63.1	66.8	68.6	69.4	69.8	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 12000	37.5	53.7	58.4	64.2	67.9	69.6	70.5	70.8	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 10000	38.5	56.5	62.1	68.2	72.1	74.3	74.8	75.1	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 9000	38.6	56.6	62.3	68.6	72.4	74.3	75.1	75.5	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 8000	39.4	58.2	64.3	70.5	74.4	76.4	77.3	77.6	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 7000	39.7	59.0	65.4	71.8	75.9	77.9	78.8	79.1	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 6000	40.0	59.7	66.3	72.9	77.0	79.0	79.9	80.2	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 5000	40.4	61.5	68.4	75.2	79.8	81.8	82.7	83.0	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4500	40.7	61.7	68.9	75.9	80.5	82.6	83.4	83.7	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4000	41.6	63.5	71.2	78.5	83.3	85.6	86.4	86.8	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3500	42.5	66.0	74.2	81.8	87.0	89.3	90.4	90.7	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3000	42.8	67.0	75.6	83.2	88.4	90.7	91.9	92.2	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2500	42.9	67.4	76.0	83.7	89.0	91.4	92.6	93.0	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2000	42.9	67.7	76.3	84.1	89.3	91.7	93.1	93.5	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800	42.9	67.8	76.4	84.2	89.5	91.8	93.2	93.6	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1500	42.9	68.0	76.6	84.7	90.0	92.4	93.9	94.4	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	42.9	68.5	77.1	85.5	90.9	93.2	94.7	95.3	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	43.1	68.6	77.2	85.8	91.3	93.8	95.3	95.8	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	43.1	68.6	77.2	85.8	91.3	93.8	95.3	95.8	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	43.2	68.8	77.4	86.0	91.5	94.1	95.8	96.3	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	43.3	69.0	77.6	86.2	91.7	94.4	96.1	96.7	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	43.3	69.1	77.7	86.3	91.8	94.5	96.2	96.8	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500	43.3	69.5	78.1	86.9	92.5	95.3	97.1	97.6	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	43.3	69.5	78.1	86.9	92.7	95.5	97.3	98.0	98.5	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	43.3	69.5	78.1	86.9	92.7	95.5	97.4	98.2	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	43.3	69.5	78.1	86.9	92.7	95.5	97.5	98.3	98.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0
≥ 100	43.3	69.5	78.1	86.9	92.7	95.5	97.5	98.3	98.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0
≥ 0	43.3	69.5	78.1	86.9	92.7	95.5	97.5	98.3	98.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13640 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	26.2	38.1	43.8	49.2	55.8	58.8	61.2	62.2	63.4	63.6	63.6	63.7	63.8	63.8	63.9	63.9
≥ 20000	27.1	40.0	46.5	52.3	59.6	63.5	66.2	67.3	68.7	68.9	68.9	69.0	69.2	69.2	69.3	69.3
≥ 18000	27.1	40.0	46.5	52.3	59.7	63.6	66.3	67.4	68.8	69.0	69.0	69.1	69.3	69.3	69.4	69.4
≥ 16000	27.1	40.0	46.5	52.3	59.7	63.6	66.3	67.4	68.8	69.0	69.0	69.1	69.3	69.3	69.4	69.4
≥ 14000	27.1	40.5	46.9	52.7	60.2	64.0	66.8	68.0	69.4	69.6	69.6	69.8	70.0	70.0	70.1	70.1
≥ 12000	27.7	41.2	47.9	53.7	61.2	65.1	67.9	69.1	70.5	70.7	70.7	70.8	71.0	71.0	71.2	71.2
≥ 10000	29.1	43.9	50.8	57.4	65.3	69.2	72.0	73.2	74.6	74.9	74.9	75.0	75.2	75.2	75.3	75.3
≥ 9000	29.4	44.3	51.2	57.8	65.8	69.6	72.7	73.8	75.2	75.6	75.6	75.7	75.9	75.9	76.0	76.0
≥ 8000	29.6	45.3	52.3	59.1	67.2	71.3	74.3	75.5	76.9	77.2	77.2	77.3	77.5	77.5	77.6	77.6
≥ 7000	30.0	46.1	53.5	60.3	68.6	72.8	75.8	77.0	78.4	78.7	78.7	78.8	79.0	79.0	79.1	79.1
≥ 6000	30.1	46.2	53.7	60.8	69.1	73.4	76.4	77.6	79.0	79.3	79.3	79.4	79.7	79.7	79.8	79.8
≥ 5000	30.8	46.9	54.6	61.8	70.5	74.9	78.0	79.2	80.6	80.9	80.9	81.1	81.3	81.3	81.4	81.4
≥ 4500	30.9	47.4	55.2	62.8	71.7	76.1	79.2	80.4	81.8	82.1	82.1	82.2	82.5	82.5	82.6	82.6
≥ 4000	31.1	49.1	57.1	64.9	74.1	78.5	81.7	82.9	84.3	84.6	84.6	84.7	84.9	84.9	85.0	85.0
≥ 3500	31.9	50.9	59.1	67.3	77.0	81.5	84.8	86.1	87.5	87.8	87.8	87.9	88.2	88.2	88.3	88.3
≥ 3000	32.5	52.0	60.5	69.4	79.7	84.3	87.7	89.1	90.5	90.9	90.9	91.0	91.2	91.2	91.3	91.3
≥ 2500	32.6	52.1	60.9	70.3	80.6	85.3	88.9	90.3	91.7	92.0	92.0	92.1	92.4	92.4	92.5	92.5
≥ 2000	32.7	52.5	61.5	71.0	81.4	86.1	89.8	91.2	92.6	92.9	92.9	93.0	93.2	93.2	93.3	93.3
≥ 1800	32.8	52.9	61.8	71.4	81.7	86.4	90.1	91.5	92.9	93.2	93.2	93.3	93.5	93.5	93.6	93.6
≥ 1500	32.8	53.0	62.0	71.6	82.5	87.2	91.0	92.4	93.8	94.1	94.1	94.2	94.4	94.4	94.5	94.5
≥ 1200	32.9	53.2	62.3	71.9	82.9	87.6	91.4	92.9	94.4	94.7	94.7	94.8	95.0	95.0	95.2	95.2
≥ 1000	32.9	53.2	62.4	72.0	83.1	87.8	91.6	93.1	94.6	94.9	94.9	95.0	95.3	95.3	95.4	95.4
≥ 900	32.9	53.2	62.4	72.0	83.1	87.9	91.7	93.2	94.7	95.0	95.0	95.2	95.4	95.4	95.5	95.5
≥ 800	32.9	53.4	62.6	72.2	83.4	88.5	92.2	93.8	95.3	95.6	95.6	95.7	95.9	95.9	96.0	96.0
≥ 700	33.3	53.7	63.1	72.8	84.0	89.1	92.9	94.4	95.9	96.2	96.2	96.3	96.6	96.6	96.7	96.7
≥ 600	33.3	53.8	63.2	73.0	84.3	89.5	93.2	94.7	96.2	96.6	96.6	96.7	96.9	96.9	97.0	97.0
≥ 500	33.3	53.8	63.4	73.5	85.1	90.3	94.2	95.9	97.5	97.8	97.8	98.0	98.2	98.2	98.3	98.3
≥ 400	33.3	53.8	63.4	73.5	85.1	90.3	94.2	96.0	97.6	98.0	98.3	98.4	98.6	98.6	98.7	98.7
≥ 300	33.3	53.8	63.4	73.5	85.1	90.3	94.4	96.3	98.0	98.3	98.6	98.7	98.9	98.9	99.0	99.1
≥ 200	33.3	53.8	63.4	73.5	85.1	90.3	94.4	96.3	98.1	98.6	98.9	99.0	99.5	99.5	99.6	99.7
≥ 100	33.3	53.8	63.4	73.5	85.1	90.3	94.4	96.3	98.1	98.6	98.9	99.0	99.5	99.5	99.7	100.0
≥ 0	33.3	53.8	63.4	73.5	85.1	90.3	94.4	96.3	98.1	98.6	98.9	99.0	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM AUG 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0351

DATA PROCESSING BRANCH
USAF ETAC
ATR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (YEARS) | AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS, LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	13.2	24.4	29.4	36.3	42.8	45.4	50.3	55.4	56.8	57.5	58.1	58.1	58.4	58.5	58.6	58.7
≥ 20000	13.7	25.7	30.9	38.4	45.5	48.3	53.5	58.7	60.1	61.0	61.5	61.5	62.0	62.3	62.4	62.5
≥ 18000	13.8	26.2	31.4	39.0	46.2	49.0	54.3	59.5	60.9	61.8	62.4	62.4	62.9	63.1	63.2	63.3
≥ 16000	13.8	26.2	31.4	39.0	46.2	49.0	54.4	59.6	61.0	61.9	62.5	62.5	63.0	63.2	63.3	63.4
≥ 14000	13.9	26.5	31.6	39.4	46.8	49.8	55.2	60.3	62.0	63.0	63.5	63.5	64.1	64.3	64.4	64.5
≥ 12000	14.0	26.4	32.0	40.1	47.6	50.6	56.0	61.2	62.9	63.9	64.4	64.4	64.9	65.2	65.3	65.4
≥ 10000	14.7	29.1	34.6	43.0	51.9	55.1	60.5	65.8	67.5	68.5	69.0	69.0	69.6	69.8	69.9	70.0
≥ 9000	14.9	29.4	34.8	43.2	52.2	55.3	60.9	66.1	67.8	68.8	69.4	69.4	69.9	70.1	70.2	70.3
≥ 8000	15.1	30.1	36.0	44.8	54.1	57.4	63.3	68.6	70.5	71.5	72.0	72.0	72.6	72.8	72.9	73.0
≥ 7000	15.2	30.8	36.7	45.8	55.8	59.4	65.4	71.2	72.9	73.9	74.4	74.4	74.9	75.2	75.3	75.4
≥ 6000	15.2	31.2	37.1	46.3	56.5	60.1	66.3	72.2	73.9	74.8	75.5	75.5	76.1	76.3	76.5	76.6
≥ 5000	15.2	31.7	37.8	47.5	58.1	61.9	68.3	74.4	76.1	77.1	77.7	77.7	78.4	78.6	78.7	78.8
≥ 4500	15.3	32.2	38.4	48.3	58.8	62.7	69.1	75.3	77.0	78.0	78.7	78.7	79.4	79.6	79.7	79.8
≥ 4000	15.6	32.8	39.1	49.4	60.1	64.2	71.1	77.2	79.0	80.2	81.0	81.0	81.6	81.8	81.9	82.2
≥ 3500	15.8	33.1	39.6	49.8	60.8	64.9	72.0	78.3	80.1	81.4	82.2	82.2	82.8	83.0	83.1	83.3
≥ 3000	16.0	33.7	40.1	50.3	61.7	66.1	73.5	79.9	81.8	83.2	84.0	84.0	84.6	84.8	84.9	85.2
≥ 2500	16.0	33.9	40.4	50.9	62.4	66.8	74.4	80.8	82.7	84.1	84.8	84.8	85.5	85.7	85.8	86.0
≥ 2000	16.0	34.2	41.0	51.5	63.2	67.6	75.4	82.5	84.4	85.8	86.6	86.6	87.2	87.4	87.5	87.7
≥ 1800	16.0	34.3	41.1	51.7	63.4	67.8	75.6	82.7	84.6	86.0	86.8	86.8	87.4	87.6	87.7	88.0
≥ 1500	16.1	34.8	41.7	52.5	64.3	68.9	76.9	84.0	85.9	87.3	88.1	88.1	88.7	88.9	89.0	89.2
≥ 1200	16.2	34.9	41.8	52.6	64.6	69.6	77.7	84.9	86.9	88.3	89.0	89.0	89.7	89.9	90.0	90.2
≥ 1000	16.3	35.3	42.4	53.4	65.7	71.2	79.7	87.1	89.0	90.4	91.2	91.2	91.8	92.0	92.2	92.4
≥ 900	16.3	35.3	42.4	53.5	66.0	71.6	80.1	87.6	89.6	91.0	91.7	91.7	92.4	92.6	92.7	92.9
≥ 800	16.3	35.5	42.9	54.1	66.9	72.6	81.1	88.7	90.6	92.0	92.9	93.0	93.7	93.9	94.0	94.2
≥ 700	16.3	35.5	43.0	54.2	67.0	72.7	81.4	89.1	91.2	92.6	93.4	93.5	94.2	94.4	94.5	94.7
≥ 600	16.3	35.5	43.1	54.4	67.4	73.4	82.2	90.0	92.0	93.4	94.3	94.4	95.1	95.3	95.4	95.6
≥ 500	16.3	35.5	43.2	54.5	67.7	74.1	83.1	91.6	94.0	95.5	96.3	96.5	97.1	97.3	97.4	97.7
≥ 400	16.3	35.5	43.2	54.5	67.7	74.1	83.1	91.8	94.2	95.9	96.8	96.9	97.5	97.7	97.8	98.2
≥ 300	16.3	35.5	43.2	54.5	67.7	74.1	83.1	91.8	94.2	96.0	96.9	97.0	97.8	98.4	98.5	98.8
≥ 200	16.3	35.5	43.2	54.5	67.7	74.1	83.1	91.8	94.2	96.0	96.9	97.0	97.8	98.5	98.7	99.1
≥ 100	16.3	35.5	43.2	54.5	67.7	74.1	83.1	91.8	94.2	96.0	96.9	97.0	97.8	98.6	98.9	99.8
≥ 0	16.3	35.5	43.2	54.5	67.7	74.1	83.1	91.8	94.2	96.0	96.9	97.0	97.8	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	21.5	40.4	45.8	51.6	54.8	56.8	57.8	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 20000	22.7	43.9	50.1	56.7	60.1	62.2	63.5	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 18000	22.8	44.1	50.3	56.9	60.3	62.4	63.8	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 16000	22.8	44.2	50.5	57.1	60.5	62.6	64.0	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 14000	22.9	44.3	50.9	57.6	61.2	63.2	64.7	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 12000	23.0	44.9	51.7	58.5	62.0	64.1	65.6	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 10000	24.0	47.5	54.8	61.7	65.5	67.5	69.2	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 9000	24.1	48.0	55.4	62.4	66.2	68.4	70.1	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 8000	24.5	48.9	56.8	64.1	68.1	70.3	72.0	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 7000	24.7	49.6	57.7	65.7	69.9	72.3	74.0	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 6000	24.8	50.1	58.5	66.6	70.8	73.1	74.8	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 5000	24.8	50.9	59.5	68.3	72.8	75.2	77.0	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4500	25.1	51.4	60.1	69.1	73.7	76.0	77.8	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4000	25.4	51.7	60.5	69.7	74.2	76.7	78.6	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 3500	25.6	52.3	61.4	70.9	75.6	78.1	80.0	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3000	26.0	53.7	63.2	73.0	78.0	80.5	82.6	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 2500	26.8	55.1	65.2	75.2	80.2	83.1	85.2	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 2000	27.2	56.1	66.8	77.0	82.3	85.4	87.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1800	27.3	56.5	67.2	77.4	82.7	85.8	87.8	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1500	27.3	57.8	69.4	80.0	85.6	88.7	90.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1200	27.4	58.8	70.5	81.9	87.7	91.0	93.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000	27.5	59.6	71.4	83.2	89.5	93.0	95.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	27.5	59.7	71.7	83.7	89.9	93.4	95.5	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	27.5	59.9	72.2	84.2	90.5	94.1	96.1	97.2	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5
≥ 700	27.5	59.9	72.3	84.7	91.3	95.1	97.1	98.2	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5
≥ 600	27.5	59.9	72.3	84.8	91.5	95.3	97.5	98.7	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
≥ 500	27.5	59.9	72.4	84.9	91.6	95.6	97.8	99.0	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4
≥ 400	27.5	59.9	72.4	84.9	91.6	95.6	98.0	99.2	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9
≥ 300	27.5	59.9	72.4	84.9	91.6	95.6	98.0	99.2	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 200	27.5	59.9	72.4	84.9	91.6	95.6	98.0	99.2	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 100	27.5	59.9	72.4	84.9	91.6	95.6	98.0	99.2	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 0	27.5	59.9	72.4	84.9	91.6	95.6	98.0	99.2	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 931

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0352

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	27.7	45.6	50.1	52.6	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 20000	29.7	50.6	56.6	59.5	60.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 18000	29.7	50.8	56.7	59.6	60.5	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 16000	29.7	50.9	56.7	59.6	60.5	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 14000	29.9	51.1	57.2	60.2	61.3	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 12000	30.4	52.2	58.5	61.5	62.6	62.8	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 10000	31.3	54.3	60.9	64.7	65.9	66.3	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 9000	31.4	54.9	61.5	65.4	66.7	67.1	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 8000	31.6	56.5	63.2	67.3	68.7	69.1	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 7000	31.9	57.1	64.0	68.2	69.6	70.0	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 6000	31.9	57.6	64.5	68.7	70.1	70.5	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 5000	32.0	58.8	65.8	70.2	71.7	72.2	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4500	32.2	59.6	66.8	71.3	73.2	73.8	74.2	74.3	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 4000	33.0	61.0	68.4	73.1	75.6	76.2	76.7	77.1	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3500	34.2	65.1	72.8	77.8	80.3	81.0	81.4	81.8	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3000	36.0	69.7	77.8	83.5	86.6	87.2	87.7	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2500	36.7	71.5	79.9	86.2	89.4	90.0	90.5	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000	37.5	73.5	82.3	88.9	92.4	93.0	93.7	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800	37.5	73.7	82.4	89.0	92.5	93.1	93.8	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1500	37.8	75.2	84.5	91.3	94.7	95.5	96.1	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	38.1	75.8	85.2	91.9	95.4	96.2	96.9	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	38.1	76.0	85.9	92.9	96.8	97.8	98.5	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	38.1	76.0	85.9	92.9	96.8	97.8	98.5	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	38.1	76.0	85.9	92.9	96.9	98.2	98.8	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	38.1	76.0	85.9	92.9	96.9	98.2	98.8	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	38.1	76.1	86.0	93.0	97.0	98.3	98.9	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	38.1	76.1	86.0	93.0	97.0	98.4	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	38.1	76.1	86.0	93.0	97.0	98.4	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	38.1	76.1	86.0	93.0	97.0	98.4	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	38.1	76.1	86.0	93.0	97.0	98.4	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	38.1	76.1	86.0	93.0	97.0	98.4	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	38.1	76.1	86.0	93.0	97.0	98.4	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 58-70,73-79 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	29.3	46.8	52.2	54.9	55.5	55.8	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 20000	31.5	52.0	59.5	62.2	62.9	63.4	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 18000	31.5	52.0	59.5	62.2	62.9	63.4	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 16000	31.5	52.0	59.5	62.2	62.9	63.4	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 14000	31.9	52.4	60.1	62.9	63.5	64.0	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 12000	32.2	53.2	60.8	63.9	64.6	65.1	65.2	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 10000	33.4	56.5	64.8	68.4	69.2	69.9	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 9000	33.4	57.1	65.3	68.9	69.8	70.4	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 8000	34.1	59.5	67.9	71.6	72.8	73.4	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 7000	34.7	61.4	70.0	73.8	75.0	75.7	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 6000	35.0	62.9	71.6	75.5	76.9	77.5	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 5000	35.2	64.4	73.4	77.4	79.0	79.3	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 4500	35.4	65.4	74.7	78.7	80.3	81.1	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4000	36.7	67.2	77.1	81.5	83.2	84.0	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3500	37.8	69.2	79.5	84.4	86.2	87.0	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3000	39.0	72.6	83.7	89.5	91.6	92.5	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2500	39.5	74.1	85.6	91.4	93.5	94.4	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2000	39.8	74.8	86.3	92.1	94.4	95.3	95.5	96.0	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3
≥ 1800	39.8	74.9	86.5	92.4	94.6	95.5	95.7	96.2	96.3	96.4	96.4	96.4	96.6	96.6	96.6	96.6
≥ 1500	39.9	75.1	86.9	92.8	95.2	96.1	96.3	96.9	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 1200	39.9	75.6	87.4	93.5	96.0	97.1	97.4	98.0	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 1000	39.9	75.6	87.5	93.6	96.2	97.3	97.7	98.3	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 900	39.9	75.6	87.5	93.8	96.4	97.5	98.0	98.5	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 800	39.9	75.7	87.6	94.0	96.7	97.7	98.3	98.9	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 700	39.9	75.7	87.6	94.0	96.7	98.0	98.5	99.1	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 600	39.9	75.7	87.6	94.0	96.7	98.0	98.5	99.1	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500	39.9	75.7	87.6	94.0	96.8	98.1	98.6	99.2	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	39.9	75.7	87.6	94.0	96.8	98.1	98.6	99.2	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	39.9	75.7	87.6	94.0	96.8	98.1	98.6	99.2	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	39.9	75.7	87.6	94.0	96.8	98.1	98.6	99.2	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	39.9	75.7	87.6	94.0	96.8	98.1	98.6	99.2	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	39.9	75.7	87.6	94.0	96.8	98.1	98.6	99.2	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM 0-14-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0353

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	32.9	51.?	55.7	58.9	60.1	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 20000	34.2	54.2	61.1	65.2	66.8	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 18000	34.2	54.4	61.3	65.5	67.3	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 16000	34.2	54.4	61.3	65.5	67.3	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 14000	34.4	54.7	61.6	65.8	67.6	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 12000	35.5	56.4	63.3	67.7	69.6	70.3	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 10000	37.0	59.8	67.4	72.5	74.8	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 9000	37.4	60.9	68.5	73.9	76.2	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 8000	38.2	62.6	70.7	76.3	78.6	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 7000	39.2	64.9	73.1	79.1	81.6	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 6000	39.5	66.2	74.4	80.4	82.8	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 5000	39.8	66.9	75.6	81.9	84.5	85.5	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4500	40.1	67.5	76.3	82.5	85.1	86.2	86.5	86.6	86.6	86.6	86.5	86.6	86.6	86.6	86.6	86.6
≥ 4000	40.7	69.1	78.1	84.8	87.4	88.5	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3500	41.5	70.4	79.8	87.4	90.2	91.4	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000	41.9	71.5	81.4	89.5	92.7	94.0	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2500	42.0	72.1	82.2	90.4	93.5	94.8	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2000	42.0	72.6	82.7	90.9	94.3	95.6	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800	42.0	72.6	82.8	91.0	94.4	95.7	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	42.0	72.8	83.4	91.9	95.3	96.5	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	42.0	72.9	83.6	92.1	95.6	96.9	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	42.0	72.9	83.6	92.6	96.0	97.3	98.1	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	42.0	72.9	83.6	92.6	96.0	97.3	98.1	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	42.0	72.9	83.6	92.7	96.1	97.4	98.3	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	42.0	72.9	83.8	92.9	96.3	97.6	98.5	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	42.0	73.0	83.9	93.0	96.4	97.7	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	42.0	73.2	84.1	93.2	96.7	98.3	99.1	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	42.0	73.2	84.1	93.2	96.7	98.3	99.1	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	42.0	73.2	84.1	93.2	96.7	98.3	99.1	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	42.0	73.2	84.1	93.2	96.7	98.3	99.1	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	42.0	73.2	84.1	93.2	96.7	98.3	99.1	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	42.0	73.2	84.1	93.2	96.7	98.3	99.1	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 68-72,73-7 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	38.7	54.9	57.6	61.7	63.6	64.0	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 20000	39.7	59.5	63.3	67.9	70.3	71.0	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 18000	39.7	59.6	63.4	68.0	70.5	71.1	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 16000	39.7	59.6	63.4	68.0	70.5	71.1	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 14000	39.8	59.8	63.6	68.5	71.0	71.6	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 12000	40.8	61.3	65.7	69.9	72.4	73.1	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 10000	42.2	64.4	68.9	74.5	77.5	78.6	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 9000	42.4	64.9	69.7	75.3	78.5	79.5	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 8000	43.3	66.8	71.9	77.9	80.7	81.8	82.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 7000	43.5	69.0	73.2	79.2	82.6	83.7	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 6000	43.8	68.5	74.0	80.2	83.5	84.6	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 5000	44.7	70.3	75.9	82.3	85.7	86.8	87.4	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4500	44.7	70.3	76.3	82.8	86.3	87.3	88.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4000	45.6	72.7	78.2	85.4	89.0	90.2	90.9	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3500	46.3	73.2	79.5	86.9	91.3	92.6	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3000	46.4	73.7	80.6	88.3	92.7	94.3	95.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2500	46.8	74.4	81.3	89.1	93.6	95.1	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2000	46.9	74.6	81.5	89.4	93.9	95.5	96.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	46.9	74.8	81.7	89.6	94.2	95.8	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1500	47.0	75.1	82.1	90.2	94.7	96.3	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	47.1	75.4	82.7	90.8	95.3	97.0	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	47.2	75.5	82.8	91.0	95.6	97.3	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	47.2	75.5	82.8	91.0	95.6	97.3	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	47.3	75.8	83.0	91.2	95.8	97.5	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	47.3	75.8	83.1	91.3	95.9	97.6	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	47.4	75.9	83.2	91.5	96.0	97.7	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	47.4	76.1	83.4	91.8	96.3	98.3	99.0	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99
≥ 400	47.4	76.1	83.4	91.8	96.3	98.3	99.0	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	9
≥ 300	47.4	76.1	83.4	91.8	96.3	98.3	99.0	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	47.4	76.1	83.4	91.8	96.3	98.3	99.0	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	47.4	76.1	83.4	91.8	96.3	98.3	99.0	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	47.4	76.1	83.4	91.8	96.3	98.3	99.0	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 924

USAF ETAC FORM AUG 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0354

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	27.9	43.7	48.5	53.0	56.0	57.2	58.5	59.4	59.7	59.9	59.9	59.9	60.0	60.0	60.0	60.1
≥ 20000	29.4	47.3	53.1	58.1	61.5	63.1	64.4	65.4	65.7	65.9	66.0	66.0	66.1	66.1	66.1	66.2
≥ 18000	29.4	47.5	53.3	58.3	61.8	63.3	64.7	65.6	66.0	66.2	66.2	66.3	66.4	66.4	66.4	66.4
≥ 16000	29.4	47.5	53.3	58.3	61.8	63.4	64.7	65.7	66.0	66.2	66.3	66.3	66.4	66.4	66.5	66.5
≥ 14000	29.6	47.6	53.7	58.8	62.3	63.9	65.3	66.3	66.7	66.9	67.0	67.0	67.1	67.1	67.2	67.2
≥ 12000	30.1	48.7	54.7	59.9	63.5	65.1	66.5	67.5	68.0	68.2	68.2	68.2	68.3	68.4	68.4	68.4
≥ 10000	31.3	51.5	58.0	63.8	67.8	69.5	71.0	72.0	72.5	72.7	72.7	72.7	72.8	72.9	72.9	72.9
≥ 9000	31.4	52.0	58.6	64.4	68.4	70.2	71.7	72.7	73.2	73.4	73.5	73.5	73.6	73.6	73.6	73.6
≥ 8000	32.0	53.5	60.4	66.4	70.6	72.4	74.0	75.0	75.5	75.7	75.8	75.8	75.9	75.9	75.9	75.9
≥ 7000	32.4	54.6	61.7	68.0	72.3	74.3	75.8	76.9	77.4	77.6	77.7	77.7	77.8	77.8	77.8	77.8
≥ 6000	32.5	55.3	62.5	68.9	73.3	75.3	76.9	78.0	78.4	78.6	78.7	78.7	78.8	78.9	78.9	78.9
≥ 5000	32.9	56.4	63.9	70.6	75.2	77.2	79.0	80.1	80.6	80.8	80.9	80.9	81.0	81.0	81.1	81.1
≥ 4500	33.0	56.9	64.6	71.4	76.2	78.2	79.9	81.1	81.6	81.8	81.9	81.9	82.0	82.1	82.1	82.1
≥ 4000	33.7	58.3	66.2	73.4	78.3	80.5	82.3	83.5	84.0	84.3	84.4	84.4	84.5	84.5	84.5	84.6
≥ 3500	34.4	60.0	68.2	75.8	81.0	83.2	85.1	86.4	86.9	87.2	87.3	87.3	87.4	87.4	87.4	87.5
≥ 3000	35.1	61.7	70.4	78.3	83.9	86.2	88.2	89.5	90.0	90.3	90.4	90.4	90.5	90.5	90.6	90.6
≥ 2500	35.4	62.5	71.4	79.6	85.3	87.6	89.7	91.0	91.6	91.8	91.9	91.9	92.1	92.1	92.1	92.1
≥ 2000	35.6	63.2	72.3	80.6	86.4	88.8	90.9	92.4	92.9	93.2	93.3	93.3	93.4	93.5	93.5	93.5
≥ 1800	35.6	63.4	72.5	80.8	86.6	89.0	91.1	92.6	93.2	93.5	93.6	93.6	93.7	93.7	93.7	93.8
≥ 1500	35.7	64.0	73.3	81.9	87.6	90.2	92.4	93.9	94.5	94.8	94.9	94.9	95.0	95.0	95.1	95.1
≥ 1200	35.9	64.4	73.8	82.5	88.5	91.1	93.3	94.9	95.4	95.7	95.8	95.8	95.9	96.0	96.0	96.0
≥ 1000	35.9	64.6	74.1	83.1	89.3	91.9	94.2	95.8	96.4	96.7	96.8	96.8	96.9	97.0	97.0	97.0
≥ 900	35.9	64.6	74.2	83.1	89.4	92.1	94.4	96.0	96.6	96.9	97.0	97.0	97.1	97.1	97.2	97.2
≥ 800	35.9	64.7	74.4	83.4	89.7	92.5	94.9	96.5	97.1	97.4	97.5	97.5	97.7	97.7	97.7	97.8
≥ 700	35.9	64.8	74.5	83.6	90.0	92.8	95.2	96.9	97.4	97.8	97.9	97.9	98.0	98.1	98.1	98.1
≥ 600	36.0	64.9	74.6	83.7	90.1	93.0	95.4	97.1	97.7	98.0	98.2	98.2	98.3	98.3	98.4	98.4
≥ 500	36.0	65.0	74.8	84.0	90.5	93.5	96.0	97.8	98.5	98.8	99.0	99.0	99.2	99.2	99.2	99.3
≥ 400	36.0	65.0	74.8	84.0	90.5	93.6	96.1	97.9	98.6	99.0	99.2	99.2	99.4	99.4	99.4	99.5
≥ 300	36.0	65.0	74.8	84.0	90.5	93.6	96.1	98.0	98.7	99.1	99.3	99.3	99.5	99.6	99.6	99.7
≥ 200	36.0	65.0	74.8	84.0	90.5	93.6	96.1	98.0	98.7	99.2	99.4	99.4	99.6	99.7	99.8	99.9
≥ 100	36.0	65.0	74.8	84.0	90.5	93.6	96.1	98.0	98.7	99.2	99.4	99.4	99.6	99.8	99.8	100.0
≥ 0	36.0	65.0	74.8	84.0	90.5	93.6	96.1	98.0	98.7	99.2	99.4	99.4	99.6	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7423

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 67-70,73-78 (YEARS) | SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.4	53.8	56.9	59.6	62.0	63.8	64.6	64.9	65.0	65.0	65.1	65.1	65.2	65.2	65.2	65.3
≥ 20000	42.4	55.4	58.8	62.2	65.1	67.0	67.8	68.1	69.2	68.2	68.3	68.3	68.4	68.4	68.4	68.6
≥ 18000	42.6	55.6	58.9	62.3	65.2	67.1	67.9	68.2	68.3	68.3	68.4	68.4	68.6	68.6	68.6	68.7
≥ 16000	42.6	55.6	58.9	62.3	65.2	67.1	67.9	68.2	68.3	68.3	68.4	68.4	68.6	68.6	68.6	68.7
≥ 14000	42.7	55.7	59.0	62.4	65.3	67.2	68.0	68.3	68.4	68.4	68.6	68.6	68.7	68.7	68.7	68.8
≥ 12000	43.9	57.0	60.4	64.0	66.9	68.8	69.6	69.9	70.0	70.0	70.1	70.1	70.2	70.2	70.2	70.3
≥ 10000	47.6	62.0	65.8	70.2	73.3	75.2	76.0	76.3	76.4	76.4	76.6	76.6	76.7	76.7	76.7	76.8
≥ 9000	48.1	63.2	67.2	71.8	74.9	76.8	77.6	77.9	78.0	78.0	78.1	78.1	78.2	78.2	78.2	78.3
≥ 8000	49.9	65.4	69.4	74.0	77.1	79.1	79.9	80.2	80.3	80.3	80.4	80.4	80.6	80.6	80.6	80.7
≥ 7000	50.9	66.8	70.8	75.6	78.7	80.7	81.4	81.8	81.9	81.9	82.0	82.0	82.1	82.1	82.1	82.2
≥ 6000	51.4	67.6	71.9	76.8	80.0	82.0	82.8	83.1	83.2	83.2	83.3	83.3	83.4	83.4	83.4	83.6
≥ 5000	52.7	68.9	73.2	78.1	81.7	83.7	84.4	84.8	84.9	84.9	85.0	85.0	85.1	85.1	85.1	85.2
≥ 4500	53.4	69.7	74.0	78.9	82.8	84.8	85.6	85.9	86.0	86.0	86.1	86.1	86.2	86.2	86.2	86.3
≥ 4000	54.3	70.7	75.2	80.1	84.0	86.0	86.8	87.1	87.2	87.2	87.3	87.3	87.4	87.4	87.4	87.6
≥ 3500	54.4	71.7	76.2	81.1	85.1	87.1	87.9	88.4	88.6	88.6	88.7	88.7	88.8	88.8	88.8	88.9
≥ 3000	56.0	73.2	77.9	82.8	87.0	89.0	89.8	90.4	90.6	90.6	90.7	90.7	90.8	90.8	90.8	90.9
≥ 2500	56.3	74.0	78.7	83.9	88.1	90.1	90.9	91.6	91.7	91.7	91.8	91.8	91.9	91.9	91.9	92.0
≥ 2000	56.7	74.7	79.3	84.9	89.2	91.2	92.1	92.9	93.0	93.0	93.1	93.1	93.2	93.2	93.2	93.3
≥ 1800	56.7	74.8	79.4	85.0	89.3	91.3	92.2	93.0	93.1	93.1	93.2	93.2	93.3	93.3	93.3	93.4
≥ 1500	57.0	75.3	80.0	85.6	90.1	92.1	93.0	93.8	93.9	93.9	94.0	94.0	94.1	94.1	94.1	94.2
≥ 1200	57.1	76.4	81.3	87.0	91.6	93.6	94.4	95.2	95.3	95.3	95.4	95.4	95.6	95.6	95.6	95.7
≥ 1000	57.2	76.6	81.9	87.6	92.2	94.2	95.1	95.9	96.0	96.0	96.1	96.1	96.2	96.2	96.2	96.3
≥ 900	57.2	76.9	82.3	88.1	92.8	94.8	95.7	96.4	96.6	96.6	96.7	96.7	96.8	96.8	96.8	96.9
≥ 800	57.2	77.0	82.6	88.6	93.3	95.3	96.2	97.0	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.4
≥ 700	57.2	77.2	82.9	89.1	93.9	95.9	96.8	97.6	97.7	97.7	97.8	97.8	97.9	97.9	97.9	98.0
≥ 600	57.2	77.2	82.9	89.2	94.2	96.2	97.2	98.0	98.1	98.1	98.2	98.2	98.4	98.4	98.4	98.6
≥ 500	57.3	77.4	83.2	89.8	94.8	96.8	97.9	98.7	98.8	98.8	98.9	98.9	99.1	99.1	99.1	99.2
≥ 400	57.3	77.4	83.2	89.8	94.8	96.8	97.9	98.7	98.8	98.8	98.9	99.0	99.2	99.2	99.2	99.3
≥ 300	57.3	77.4	83.2	89.8	94.9	96.9	98.0	98.9	99.0	99.0	99.2	99.3	99.7	99.7	99.7	99.8
≥ 200	57.3	77.4	83.2	89.8	94.9	96.9	98.0	98.9	99.0	99.0	99.2	99.3	99.7	99.7	99.7	100.0
≥ 100	57.3	77.4	83.2	89.8	94.9	96.9	98.0	98.9	99.0	99.0	99.2	99.3	99.7	99.7	99.7	100.0
≥ 0	57.3	77.4	83.2	89.8	94.9	96.9	98.0	98.9	99.0	99.0	99.2	99.3	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.7	44.5	47.0	49.8	53.1	54.5	56.6	58.0	58.6	59.2	59.6	59.7	59.9	60.0	60.0	60.8
≥ 20000	35.0	46.6	49.2	52.1	56.0	58.2	60.2	61.8	62.3	63.0	63.3	63.4	63.7	63.8	63.8	64.6
≥ 18000	35.1	46.7	49.3	52.2	56.1	58.3	60.3	61.9	62.4	63.1	63.4	63.6	63.8	63.9	63.9	64.7
≥ 16000	35.1	46.7	49.3	52.2	56.1	58.3	60.3	61.9	62.4	63.1	63.4	63.6	63.8	63.9	63.9	64.7
≥ 14000	35.2	47.1	49.8	52.7	56.6	58.8	60.8	62.3	62.9	63.6	63.9	64.0	64.2	64.3	64.3	65.1
≥ 12000	36.2	48.4	51.1	54.0	58.1	60.3	62.4	64.1	64.7	65.3	65.7	65.8	66.0	66.1	66.1	66.9
≥ 10000	38.8	53.0	56.2	59.9	64.3	66.9	69.1	70.9	71.4	72.1	72.4	72.6	72.8	72.9	72.9	73.7
≥ 9000	39.6	54.1	57.6	61.2	65.8	68.4	70.7	72.4	73.1	73.8	74.1	74.2	74.4	74.6	74.6	75.3
≥ 8000	40.4	55.3	58.4	62.4	67.0	69.7	71.9	73.9	74.6	75.2	75.6	75.7	75.9	76.0	76.0	76.8
≥ 7000	41.8	56.8	60.2	64.2	68.9	71.9	74.2	76.2	76.9	77.6	77.9	78.0	78.2	78.3	78.3	79.1
≥ 6000	43.3	59.0	62.7	66.7	71.3	74.3	76.7	78.7	79.3	80.0	80.3	80.4	80.7	80.8	80.8	81.6
≥ 5000	43.7	59.9	63.8	67.8	72.7	75.7	78.2	80.2	80.9	81.6	81.9	82.0	82.2	82.3	82.3	83.1
≥ 4500	44.0	60.2	64.1	68.1	73.3	76.6	79.1	81.2	81.9	82.6	82.9	83.0	83.2	83.3	83.3	84.1
≥ 4000	44.7	61.9	65.9	70.2	75.8	79.0	81.6	83.7	84.3	85.0	85.3	85.4	85.7	85.8	85.8	86.6
≥ 3500	45.2	62.7	66.7	71.0	76.6	79.8	82.3	84.6	85.2	85.9	86.2	86.3	86.6	86.7	86.7	87.4
≥ 3000	46.0	64.3	68.7	73.2	78.8	82.0	84.6	86.8	87.4	88.1	88.4	88.6	88.8	88.9	88.9	89.7
≥ 2500	46.1	64.7	69.0	73.7	79.2	82.4	85.0	87.2	87.9	88.6	88.9	89.0	89.2	89.3	89.3	90.1
≥ 2000	46.8	65.6	69.9	74.6	80.1	83.6	86.2	88.4	89.1	89.8	90.1	90.2	90.4	90.6	90.6	91.3
≥ 1800	46.9	65.7	70.0	74.7	80.3	83.8	86.4	88.7	89.3	90.0	90.3	90.4	90.7	90.8	90.8	91.6
≥ 1500	47.3	66.2	70.7	75.3	81.0	84.4	87.1	89.3	90.0	90.7	91.0	91.1	91.3	91.4	91.4	92.2
≥ 1200	47.7	67.1	71.8	76.6	82.2	85.7	88.3	90.7	91.3	92.0	92.3	92.4	92.7	92.8	92.8	93.6
≥ 1000	47.7	67.4	72.2	77.2	83.0	86.7	89.3	91.7	92.3	93.0	93.3	93.4	93.7	93.8	93.8	94.6
≥ 900	47.7	67.6	72.4	77.4	83.2	86.9	89.6	91.9	92.6	93.2	93.6	93.7	93.9	94.0	94.0	94.8
≥ 800	47.7	68.1	73.1	78.2	84.1	87.8	90.4	92.8	93.4	94.1	94.4	94.6	94.8	94.9	94.9	95.7
≥ 700	47.7	68.1	73.1	78.2	84.2	87.9	90.7	93.1	93.8	94.4	94.8	94.9	95.1	95.2	95.2	96.0
≥ 600	47.7	68.1	73.4	78.7	85.2	89.1	91.9	94.4	95.1	95.8	96.1	96.2	96.4	96.6	96.6	97.3
≥ 500	47.7	68.1	73.6	79.0	85.6	89.4	92.2	94.9	95.6	96.3	96.7	96.8	97.0	97.1	97.1	97.9
≥ 400	47.8	68.2	73.8	79.7	86.4	90.3	93.3	96.0	96.7	97.4	97.9	98.0	98.2	98.3	98.3	99.1
≥ 300	47.8	68.2	73.8	79.7	86.4	90.3	93.3	96.0	96.7	97.6	98.0	98.1	98.3	98.4	98.4	99.2
≥ 200	47.8	68.2	73.8	79.7	86.4	90.3	93.3	96.0	96.7	97.7	98.1	98.2	98.6	98.7	98.7	99.4
≥ 100	47.8	68.2	73.8	79.7	86.4	90.3	93.3	96.0	96.7	97.7	98.1	98.2	98.7	98.8	98.9	99.7
≥ 0	47.8	68.2	73.8	79.7	86.4	90.3	93.3	96.0	96.7	97.7	98.1	98.2	98.7	98.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM AUG 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 57-70,73-79 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	19.3	31.1	35.7	40.2	45.0	47.2	49.0	51.6	52.7	54.0	55.0	55.1	55.7	55.7	56.1	56.8
≥ 20000	20.1	32.4	37.2	42.0	47.1	49.4	52.0	54.8	55.9	57.2	58.2	58.3	58.9	58.9	59.3	60.0
≥ 18000	20.1	32.4	37.2	42.0	47.1	49.4	52.0	54.9	56.0	57.3	58.3	58.4	59.0	59.0	59.4	60.1
≥ 16000	20.1	32.4	37.2	42.0	47.1	49.4	52.0	54.9	56.0	57.3	58.3	58.4	59.0	59.0	59.4	60.1
≥ 14000	20.1	32.4	37.4	42.3	47.6	49.9	52.4	55.3	56.4	57.8	58.8	58.9	59.4	59.4	59.9	60.6
≥ 12000	20.8	33.1	38.1	43.3	48.7	51.0	53.7	56.8	58.0	59.6	60.6	60.7	61.2	61.2	61.7	62.3
≥ 10000	21.9	36.7	42.0	47.6	53.1	55.8	58.4	62.1	63.6	65.1	66.2	66.3	66.9	66.9	67.3	68.0
≥ 9000	22.2	37.3	42.9	49.0	54.7	57.3	60.0	63.7	65.1	66.7	67.8	67.9	68.7	68.7	69.1	69.8
≥ 8000	23.7	39.8	45.4	52.1	58.1	60.9	63.6	67.3	68.8	70.3	71.4	71.6	72.3	72.3	72.8	73.4
≥ 7000	24.0	41.3	47.0	53.7	60.0	62.8	65.8	69.8	71.2	72.8	73.9	74.0	74.8	74.8	75.2	75.9
≥ 6000	24.1	42.0	47.8	54.7	61.0	63.8	66.8	70.8	72.2	73.8	74.9	75.0	75.8	75.8	76.2	76.9
≥ 5000	24.9	43.1	48.9	56.2	62.6	65.3	68.3	72.3	73.8	75.3	76.4	76.6	77.3	77.3	77.8	78.4
≥ 4500	25.0	43.3	49.1	56.4	62.9	65.7	68.7	73.0	74.6	76.1	77.2	77.3	78.1	78.1	78.6	79.2
≥ 4000	25.3	44.1	50.3	57.8	64.6	67.3	70.7	75.1	76.7	78.4	79.7	79.8	80.6	80.6	81.0	81.7
≥ 3500	25.6	44.9	51.1	58.8	65.7	68.4	71.8	76.3	77.9	79.7	80.9	81.0	81.8	81.8	82.2	83.0
≥ 3000	25.7	45.9	52.3	60.0	67.1	69.9	73.3	77.9	79.7	81.4	82.8	82.9	83.7	83.7	84.1	84.9
≥ 2500	25.9	46.3	52.9	60.7	67.9	70.9	74.4	79.0	80.8	82.6	83.9	84.0	84.8	84.8	85.2	86.0
≥ 2000	26.3	47.3	54.1	61.9	69.1	72.1	75.7	80.2	82.0	83.9	85.2	85.3	86.1	86.1	86.6	87.3
≥ 1800	26.6	47.6	54.3	62.1	69.3	72.3	75.9	80.6	82.3	84.2	85.6	85.7	86.4	86.4	86.9	87.7
≥ 1500	26.8	48.6	55.4	63.2	70.7	73.9	77.4	82.4	84.2	86.1	87.4	87.6	88.3	88.3	88.8	89.6
≥ 1200	27.3	49.6	56.8	64.8	72.4	75.7	79.2	84.3	86.2	88.1	89.4	89.6	90.3	90.3	90.8	91.6
≥ 1000	27.7	50.2	57.4	65.6	73.4	76.8	80.4	85.7	87.6	89.4	90.8	90.9	91.7	91.7	92.1	92.9
≥ 900	27.7	50.4	57.7	65.9	73.9	77.3	81.1	86.6	88.7	90.6	91.9	92.0	92.8	92.8	93.2	94.0
≥ 800	27.8	50.7	58.0	66.4	74.7	78.4	82.4	88.1	90.2	92.1	93.4	93.7	94.4	94.4	94.9	95.7
≥ 700	27.8	51.2	58.8	67.3	75.7	79.4	83.7	89.3	91.6	93.6	94.9	95.1	95.9	95.9	96.3	97.1
≥ 600	27.8	51.3	58.9	67.6	76.2	80.2	84.4	90.2	92.4	94.4	95.8	96.0	96.8	96.8	97.2	98.0
≥ 500	27.8	51.3	59.0	67.8	76.4	80.4	84.7	90.7	92.9	94.9	96.2	96.4	97.2	97.3	97.8	98.6
≥ 400	27.8	51.3	59.0	68.0	76.7	80.7	84.9	90.9	93.3	95.3	96.9	97.1	97.9	98.0	98.4	99.2
≥ 300	27.8	51.3	59.0	68.0	76.8	80.8	85.0	91.0	93.4	95.4	97.0	97.2	98.0	98.1	98.6	99.3
≥ 200	27.8	51.3	59.0	68.0	76.8	80.8	85.0	91.0	93.4	95.4	97.0	97.2	98.1	98.2	98.7	99.4
≥ 100	27.8	51.3	59.0	68.0	76.8	80.8	85.0	91.0	93.4	95.6	97.1	97.4	98.3	98.4	98.9	99.8
≥ 0	27.8	51.3	59.0	68.0	76.8	80.8	85.0	91.0	93.4	95.6	97.1	97.4	98.3	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

0356

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	24.2	42.3	47.4	51.2	53.7	54.3	54.7	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 20000	26.6	46.2	51.7	56.1	58.8	60.0	60.3	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 18000	26.6	46.3	51.8	56.2	58.9	60.1	60.4	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 16000	26.7	46.4	51.9	56.3	59.0	60.2	60.6	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 14000	26.9	46.9	52.7	57.2	59.9	61.1	61.4	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 12000	27.2	47.7	53.4	58.0	60.7	61.9	62.2	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 10000	28.9	50.6	56.4	62.0	65.0	66.3	66.8	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 9000	29.4	51.8	58.1	64.0	67.0	68.4	69.0	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 8000	30.3	53.8	60.1	66.2	69.6	71.0	71.6	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 7000	30.9	54.6	61.0	67.4	70.9	72.3	73.0	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 6000	31.0	55.0	61.6	68.1	71.6	73.0	73.7	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 5000	31.6	55.9	62.4	69.1	72.7	74.1	74.9	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4500	31.9	56.6	63.1	69.8	73.7	75.1	75.9	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4000	32.7	57.6	64.6	71.3	75.3	76.8	77.6	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3500	33.3	58.6	65.8	72.6	76.6	78.0	78.8	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3000	33.8	59.6	66.9	74.0	78.1	79.6	80.3	81.3	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7
≥ 2500	34.6	61.1	68.7	75.8	80.1	81.7	82.4	83.4	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2000	35.2	62.6	70.6	77.7	82.0	83.6	84.3	85.3	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	35.3	62.7	70.8	77.9	82.2	83.8	84.6	85.6	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1500	35.8	64.1	72.3	79.8	84.3	86.0	86.8	87.8	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1200	36.7	66.3	74.7	82.4	87.4	89.1	90.0	91.1	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1000	37.0	67.4	76.0	84.2	89.7	91.4	92.4	93.9	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4
≥ 900	37.0	67.6	76.3	84.6	90.2	92.2	93.6	95.0	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	37.0	67.9	77.0	85.7	91.8	93.9	95.2	96.8	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	37.0	68.0	77.3	86.1	92.2	94.3	95.7	97.4	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	37.0	68.0	77.3	86.1	92.2	94.4	96.1	98.3	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	37.0	68.0	77.3	86.1	92.2	94.4	96.1	98.4	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	37.0	68.0	77.3	86.1	92.4	94.7	96.3	98.8	99.3	99.4	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	37.0	68.0	77.3	86.1	92.4	94.7	96.3	98.8	99.3	99.4	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	37.0	68.0	77.3	86.1	92.4	94.7	96.3	99.0	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	37.0	68.0	77.3	86.1	92.4	94.7	96.3	99.0	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	37.0	68.0	77.3	86.1	92.4	94.7	96.3	99.0	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS IST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.9	46.7	50.8	53.4	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 20000	38.9	54.8	57.3	60.0	61.2	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 18000	38.9	55.0	57.6	60.3	61.4	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 16000	38.9	55.0	57.6	60.2	61.4	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 14000	39.0	56.0	58.7	61.4	62.7	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 12000	40.0	57.1	60.0	62.8	64.1	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 10000	41.2	58.2	62.6	65.3	66.7	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 9000	41.3	59.4	62.8	65.7	67.0	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 8000	42.8	62.1	65.4	68.3	69.8	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 7000	43.7	63.3	66.9	69.9	71.7	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 6000	43.9	63.9	67.7	70.7	72.4	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 5000	44.6	64.6	68.4	71.8	73.6	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4500	45.1	65.1	69.0	72.3	74.1	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4000	45.3	65.4	70.4	74.1	75.9	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 3500	47.4	69.1	73.1	76.9	78.8	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000	49.0	72.3	76.8	80.6	82.6	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	50.2	74.9	79.4	83.3	85.4	85.9	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2000	51.1	76.9	81.9	85.9	88.1	88.8	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1800	51.2	77.4	82.6	86.7	88.9	89.6	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1500	52.0	79.8	85.2	89.7	91.9	92.7	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200	52.6	81.3	86.8	91.3	93.8	94.6	94.9	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000	52.8	82.3	87.9	92.7	95.4	96.2	96.8	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	52.8	82.6	88.3	93.1	96.4	97.3	97.9	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	52.8	82.8	88.4	93.2	96.9	97.8	98.4	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	52.8	82.8	88.6	93.3	97.0	98.0	98.7	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	52.8	82.8	88.6	93.3	97.1	98.2	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	52.8	82.8	88.6	93.3	97.1	98.2	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	52.8	82.8	88.6	93.3	97.1	98.2	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	52.8	82.8	88.6	93.3	97.1	98.2	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	52.8	82.8	88.6	93.3	97.1	98.2	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	52.8	82.8	88.6	93.3	97.1	98.2	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	52.8	82.8	88.6	93.3	97.1	98.2	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0357

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 67-70,73-78 (YEARS) | SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	36.8	51.4	53.9	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 20000	42.1	56.6	59.6	61.8	62.6	62.6	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 18000	42.2	56.7	59.7	61.9	62.7	62.7	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 16000	42.4	56.9	59.9	62.1	62.9	62.9	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 14000	43.3	57.9	60.9	63.1	63.9	63.9	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 12000	43.7	59.6	62.7	65.0	65.9	65.9	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 10000	45.3	61.9	65.1	67.7	68.8	68.9	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 9000	45.6	63.1	66.6	69.3	70.4	70.6	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 8000	47.4	65.8	69.2	72.0	73.1	73.2	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 7000	48.4	67.2	71.0	73.9	75.0	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 6000	49.2	68.8	72.6	75.6	76.7	76.8	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 5000	49.3	68.9	72.9	76.0	77.2	77.3	77.4	77.8	77.8	77.8	77.9	77.8	77.8	77.8	77.8	77.8
≥ 4500	50.9	70.7	74.7	77.8	79.0	79.1	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4000	52.0	72.3	76.7	79.8	81.1	81.2	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3500	53.1	74.9	79.2	82.6	83.9	84.0	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3000	54.2	78.4	83.3	86.7	88.0	88.1	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500	55.3	80.1	85.9	89.6	91.1	91.2	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2000	55.4	81.2	87.0	90.7	92.3	92.6	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800	55.7	82.0	88.0	91.7	93.3	93.6	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	56.3	83.3	89.6	93.7	95.4	95.7	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	56.6	84.6	90.8	95.1	97.0	97.2	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1000	56.7	84.9	91.2	96.1	98.2	98.4	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	56.7	85.0	91.3	96.2	98.3	98.6	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	56.7	85.0	91.3	96.3	98.4	98.7	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	56.7	85.0	91.4	96.4	98.6	98.8	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	56.7	85.0	91.4	96.4	98.8	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	56.7	85.0	91.4	96.4	98.8	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	56.7	85.0	91.4	96.4	98.8	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	56.7	85.0	91.4	96.4	98.8	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	56.7	85.0	91.4	96.4	98.8	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	56.7	85.0	91.4	96.4	98.8	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	56.7	85.0	91.4	96.4	98.8	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13640 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 67-70, 73-78 (YEARS) | SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	43.3	55.6	58.2	59.6	60.1	60.2	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 20000	46.2	60.7	64.1	65.6	66.6	66.7	66.9	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 18000	46.2	61.7	64.9	65.6	66.6	66.7	66.9	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 16000	46.4	60.9	64.2	65.8	66.8	66.9	67.1	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 14000	46.8	61.2	64.6	66.1	67.2	67.3	67.6	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 12000	47.7	63.0	66.4	68.2	69.4	69.6	69.8	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 10000	49.0	66.2	69.8	71.9	73.4	73.6	73.8	73.9	74.1	74.1	74.1	74.1	74.1	4.1	74.1	74.1
≥ 9000	49.9	68.6	72.1	74.2	75.8	75.9	76.1	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 8000	51.9	71.4	75.2	77.4	79.0	79.1	79.3	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 7000	52.6	72.9	76.8	79.0	80.6	80.7	80.9	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 6000	53.0	73.8	77.7	80.0	81.6	81.7	81.9	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 5000	53.6	74.8	78.7	81.0	82.6	82.7	82.9	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4500	54.4	75.9	79.8	82.1	83.7	83.8	84.0	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4000	55.4	78.0	81.9	84.3	86.0	86.1	86.3	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3500	56.2	79.4	83.8	86.3	88.0	88.1	88.4	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3000	57.4	81.4	85.8	88.6	90.3	90.6	90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2500	58.0	82.7	87.2	90.2	92.0	92.2	92.6	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	58.4	83.8	88.6	91.7	93.4	93.7	94.0	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800	58.8	84.4	89.2	92.3	94.1	94.3	94.7	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1500	59.2	85.8	91.0	94.6	96.7	96.9	97.4	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200	59.2	86.1	91.4	95.1	97.2	97.4	98.0	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	59.2	86.1	91.7	95.3	97.6	97.8	98.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	59.2	86.3	92.0	95.7	97.9	98.2	98.9	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	59.2	86.3	92.0	95.7	97.9	98.2	98.9	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	59.2	86.3	92.0	95.7	97.9	98.2	98.9	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	59.2	86.4	92.1	95.9	98.3	98.7	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	59.2	86.4	92.1	95.9	98.3	98.7	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	59.2	86.4	92.1	95.9	98.3	98.7	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	59.2	86.4	92.1	95.9	98.3	98.7	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	59.2	86.4	92.1	95.9	98.3	98.7	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	59.2	86.4	92.1	95.9	98.3	98.7	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	59.2	86.4	92.1	95.9	98.3	98.7	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0358

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	45.2	56.9	58.3	59.8	61.6	61.8	62.0	62.0	62.0	62.0	62.2	62.2	62.3	62.3	62.3	62.3
≥ 20000	47.6	60.4	62.4	64.3	66.8	67.0	67.2	67.2	67.2	67.2	67.4	67.4	67.6	67.6	67.6	67.6
≥ 18000	47.6	60.4	62.4	64.3	66.8	67.0	67.2	67.2	67.2	67.2	67.4	67.4	67.6	67.6	67.6	67.6
≥ 16000	47.7	60.6	62.6	64.4	66.9	67.1	67.3	67.3	67.3	67.3	67.6	67.6	67.7	67.7	67.7	67.7
≥ 14000	47.9	60.9	63.2	65.1	67.6	67.8	68.0	68.0	68.0	68.0	68.2	68.2	68.3	68.3	68.3	68.3
≥ 12000	49.6	62.9	65.3	67.2	69.7	69.9	70.1	70.1	70.1	70.1	70.3	70.3	70.4	70.4	70.4	70.4
≥ 10000	52.1	66.7	69.8	71.8	74.2	74.4	74.7	74.7	74.7	74.7	74.9	74.9	75.0	75.0	75.0	75.0
≥ 9000	53.2	68.9	72.1	74.2	76.7	76.9	77.1	77.1	77.1	77.1	77.3	77.3	77.4	77.4	77.4	77.4
≥ 8000	54.8	71.2	74.4	76.7	79.1	79.3	79.6	79.6	79.6	79.6	79.8	79.8	79.9	79.9	79.9	79.9
≥ 7000	55.9	73.2	76.8	79.1	81.6	81.8	82.0	82.0	82.0	82.0	82.2	82.2	82 3	82.3	82.3	82.3
≥ 6000	56.4	74.3	77.9	80.3	82.8	83.0	83.2	83.2	83.2	83.2	83.4	83.4	83.6	83.6	83.6	83.6
≥ 5000	58.0	76.2	79.9	82.6	85.1	85.3	85.6	85.6	85.6	85.6	85.8	85.8	85.9	85.9	85.9	85.9
≥ 4500	58.4	76.9	80.7	83.4	86.0	86.2	86.4	86.4	86.4	86.4	86.7	86.7	86.8	86.8	86.8	86.8
≥ 4000	59.6	79.1	83.0	85.9	88.4	88.7	88.9	88.9	88.9	88.9	89.1	89.1	89.2	89.2	89.2	89.2
≥ 3500	60.2	79.9	83.9	86.9	89.6	89.8	90.0	90.0	90.0	90.0	90.2	90.2	90.3	90.3	90.3	90.3
≥ 3000	60.9	80.7	85.0	88.1	90.8	91.0	91.2	91.2	91.2	91.2	91.4	91.4	91.6	91.6	91.6	91.6
≥ 2500	60.9	81.2	85.7	89.2	91.9	92.1	92.3	92.3	92.3	92.3	92.6	92.6	92.7	92.7	92.7	92.7
≥ 2000	61.4	82.9	87.4	91.2	93.9	94.1	94.3	94.3	94.3	94.3	94.6	94.6	94.7	94.7	94.7	94.7
≥ 1800	61.4	83.0	87.6	91.3	94.0	94.2	94.4	94.4	94.4	94.4	94.7	94.7	94.8	94.8	94.8	94.8
≥ 1500	61.9	83.7	88.2	92.0	94.8	95.2	95.7	95.7	95.7	95.7	95.9	95.9	96.0	96.0	96.0	96.0
≥ 1200	62.2	84.8	89.6	93.4	96.3	96.8	97.2	97.2	97.2	97.2	97.4	97.4	97.6	97.6	97.6	97.6
≥ 1000	62.3	84.9	89.8	93.7	96.7	97.1	97.7	97.7	97.7	97.7	97.9	97.9	98.0	98.0	98.0	98.0
≥ 900	62.3	85.1	90.0	93.9	97.0	97.4	98.0	98.0	98.0	98.0	98.2	98.2	98.3	98.3	98.3	98.3
≥ 800	62.3	85.1	90.0	93.9	97.2	97.7	98.3	98.3	98.3	98.3	98.6	98.6	98.7	98.7	98.7	98.7
≥ 700	62.3	85.3	90.2	94.2	97.6	98.2	99.0	99.0	99.0	99.0	99.2	99.2	99.3	99.3	99.3	99.3
≥ 600	62.3	85.4	90.3	94.4	97.8	98.6	99.3	99.3	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500	62.3	85.6	90.4	94.7	98.0	98.8	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	62.3	85.6	90.4	94.7	98.0	98.8	99.6	99.6	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	62.3	85.6	90.4	94.7	98.0	98.8	99.6	99.6	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	62.3	85.6	90.4	94.7	98.0	98.8	99.6	99.6	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	62.3	85.6	90.4	94.7	98.0	98.8	99.6	99.6	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	62.3	85.6	90.4	94.7	98.0	98.8	99.6	99.6	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.2	48.1	51.0	53.7	55.8	56.6	57.2	57.8	58.1	58.3	58.5	58.6	58.7	58.7	58.8	58.9
≥ 20000	37.3	51.6	55.0	58.0	60.5	61.6	62.4	63.0	63.3	63.6	63.8	63.8	63.9	63.9	64.0	64.2
≥ 18000	37.4	51.7	55.1	56.1	60.6	61.6	62.4	63.1	63.4	63.7	63.9	63.9	64.0	64.0	64.1	64.3
≥ 16000	37.5	51.8	55.2	58.2	60.7	61.7	62.5	63.2	63.5	63.7	63.9	64.0	64.1	64.1	64.2	64.4
≥ 14000	37.8	52.3	55.8	58.8	61.3	62.4	63.2	63.9	64.1	64.4	64.6	64.6	64.8	64.8	64.8	65.0
≥ 12000	38.6	53.6	57.2	60.3	62.9	64.0	64.8	65.6	65.8	66.1	66.3	66.3	66.5	66.5	66.5	66.7
≥ 10000	40.6	57.3	61.0	64.5	67.4	68.5	69.4	70.2	70.5	70.8	71.0	71.1	71.2	71.2	71.3	71.4
≥ 9000	41.2	58.3	62.4	66.2	69.0	70.2	71.1	71.9	72.3	72.5	72.8	72.8	72.9	72.9	73.0	73.2
≥ 8000	42.7	60.6	64.7	68.7	71.6	72.8	73.7	74.5	74.9	75.2	75.4	75.4	75.6	75.6	75.6	75.8
≥ 7000	43.5	62.0	66.3	70.3	73.4	74.7	75.6	76.5	76.8	77.1	77.3	77.4	77.5	77.5	77.6	77.8
≥ 6000	44.1	63.0	67.5	71.6	74.7	75.9	76.9	77.8	78.1	78.4	78.6	78.6	78.8	78.8	78.8	79.0
≥ 5000	44.8	64.0	68.5	72.8	76.0	77.3	78.3	79.2	79.5	79.8	80.0	80.0	80.2	80.2	80.3	80.4
≥ 4500	45.4	64.8	69.3	73.6	76.9	78.2	79.2	80.2	80.5	80.8	81.0	81.1	81.2	81.2	81.3	81.5
≥ 4000	46.2	66.3	71.0	75.4	78.9	80.2	81.2	82.2	82.6	82.9	83.1	83.2	83.3	83.3	83.4	83.6
≥ 3500	46.9	67.6	72.5	77.0	80.5	81.8	82.9	83.9	84.3	84.6	84.8	84.9	85.0	85.0	85.1	85.3
≥ 3000	47.9	69.5	74.6	79.2	82.8	84.1	85.2	86.3	86.7	87.0	87.3	87.3	87.5	87.5	87.5	87.7
≥ 2500	48.4	70.6	75.9	80.8	84.5	85.8	86.9	88.1	88.4	88.8	89.0	89.0	89.2	89.2	89.3	89.5
≥ 2000	48.9	71.9	77.3	82.3	86.0	87.4	88.6	89.7	90.1	90.5	90.7	90.8	90.9	90.9	91.0	91.2
≥ 1800	49.1	72.2	77.7	82.7	86.4	87.9	89.0	90.2	90.5	90.9	91.2	91.2	91.3	91.3	91.4	91.6
≥ 1500	49.5	73.3	79.1	84.2	88.1	89.6	90.8	92.0	92.4	92.8	93.0	93.0	93.2	93.2	93.3	93.5
≥ 1200	49.9	74.5	80.4	85.7	89.8	91.3	92.4	93.7	94.1	94.5	94.7	94.8	94.9	94.9	95.0	95.2
≥ 1000	50.1	75.0	81.0	86.5	90.8	92.3	93.6	95.0	95.4	95.7	96.0	96.0	96.2	96.2	96.3	96.5
≥ 900	50.1	75.2	81.3	86.9	91.2	92.8	94.2	95.6	96.0	96.4	96.6	96.7	96.8	96.8	96.9	97.1
≥ 800	50.1	75.4	81.6	87.3	91.8	93.5	94.9	96.3	96.7	97.1	97.4	97.4	97.6	97.6	97.6	97.8
≥ 700	50.1	75.5	81.8	87.6	92.1	93.8	95.3	96.8	97.2	97.6	97.9	97.9	98.1	98.1	98.1	98.3
≥ 600	50.1	75.5	81.9	87.7	92.5	94.3	95.8	97.5	97.9	98.3	98.6	98.6	98.8	98.8	98.8	99.0
≥ 500	50.1	75.6	82.0	87.9	92.7	94.5	96.0	97.7	98.2	98.6	98.8	98.9	99.0	99.1	99.1	99.3
≥ 400	50.1	75.6	82.0	88.0	92.8	94.7	96.2	97.9	98.4	98.8	99.2	99.2	99.4	99.4	99.5	99.7
≥ 300	50.1	75.6	82.0	88.0	92.8	94.7	96.3	98.0	98.5	98.9	99.2	99.3	99.5	99.5	99.6	99.8
≥ 200	50.1	75.6	82.0	88.0	92.8	94.7	96.3	98.0	98.5	98.9	99.3	99.3	99.5	99.6	99.6	99.9
≥ 100	50.1	75.6	82.0	88.0	92.8	94.7	96.3	98.0	98.5	98.9	99.3	99.3	99.6	99.6	99.7	99.9
= 0	50.1	75.6	82.0	88.0	92.8	94.7	96.3	98.0	98.5	98.9	99.3	99.3	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0359

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	45.7	53.3	54.6	55.3	56.3	56.6	56.9	57.6	58.2	58.2	58.3	58.3	58.8	58.8	58.8	58.9
≥ 20000	47.7	55.5	57.5	58.2	59.2	59.5	59.8	60.5	61.1	61.1	61.2	61.2	61.7	61.7	61.7	61.8
≥ 18000	47.7	55.5	57.5	58.2	59.2	59.5	59.8	60.5	61.1	61.1	61.2	61.2	61.7	61.7	61.7	61.8
≥ 16000	47.8	55.6	57.6	58.3	59.4	59.6	59.9	60.6	61.2	61.2	61.3	61.3	61.8	61.8	61.8	61.9
≥ 14000	49.1	57.3	59.3	59.7	60.8	61.0	61.3	62.0	62.6	62.6	62.7	62.7	63.2	63.2	63.2	63.3
≥ 12000	51.0	59.2	61.1	61.7	62.8	63.1	63.4	64.2	64.7	64.7	64.8	64.8	65.4	65.4	65.4	65.5
≥ 10000	53.1	61.5	63.5	64.2	65.3	65.6	65.9	66.7	67.2	67.2	67.3	67.3	67.8	67.8	67.8	68.0
≥ 9000	53.4	61.9	64.1	64.7	65.8	66.1	66.5	67.2	67.7	67.7	67.8	67.8	68.4	68.4	68.4	68.5
≥ 8000	54.3	63.2	65.4	66.0	67.1	67.4	67.7	68.5	69.0	69.0	69.1	69.1	69.7	69.7	69.7	69.8
≥ 7000	56.2	65.6	67.7	68.4	69.5	69.8	70.1	70.9	71.4	71.4	71.5	71.5	72.0	72.0	72.0	72.2
≥ 6000	58.1	67.6	70.1	70.9	71.9	72.3	72.6	73.3	73.9	73.9	74.0	74.0	74.5	74.5	74.5	74.6
≥ 5000	61.2	71.4	74.1	75.2	76.2	76.6	76.9	77.6	78.2	78.2	78.3	78.3	78.8	78.8	78.8	78.9
≥ 4500	62.5	72.9	75.6	76.9	78.2	78.6	78.9	79.7	80.2	80.2	80.3	80.3	80.9	80.9	80.9	81.0
≥ 4000	63.8	74.8	77.7	79.0	80.5	81.1	81.4	82.2	82.7	82.8	82.9	82.9	83.4	83.4	83.4	83.5
≥ 3500	65.1	76.5	79.5	80.8	82.5	83.0	83.3	84.1	84.6	84.7	84.8	84.8	85.4	85.4	85.4	85.5
≥ 3000	65.9	77.2	80.2	81.9	83.9	84.4	84.8	85.7	86.2	86.3	86.5	86.5	87.0	87.0	87.0	87.1
≥ 2500	66.9	78.7	81.8	83.7	85.6	86.1	86.6	87.4	88.0	88.1	88.2	88.2	88.7	88.7	88.7	88.8
≥ 2000	67.6	80.1	83.3	85.2	87.2	87.7	88.2	89.0	89.6	89.7	89.8	89.8	90.3	90.3	90.3	90.4
≥ 1800	68.0	80.5	83.8	85.7	87.7	88.3	88.9	89.8	90.3	90.4	90.5	90.5	91.1	91.1	91.1	91.2
≥ 1500	68.6	81.5	84.9	86.9	89.8	90.3	91.0	91.6	92.4	92.5	92.6	92.6	93.1	93.1	93.1	93.2
≥ 1200	69.1	82.0	85.6	87.5	90.6	91.2	91.8	92.7	93.2	93.3	93.4	93.4	94.0	94.0	94.0	94.1
≥ 1000	69.4	82.3	86.6	88.8	92.2	92.7	93.5	94.4	94.9	95.1	95.2	95.2	95.7	95.7	95.7	95.8
≥ 900	69.5	83.0	87.3	89.6	93.0	93.5	94.4	95.3	95.8	95.9	96.0	96.0	96.6	96.6	96.6	96.7
≥ 800	69.6	83.1	87.6	90.1	93.5	94.2	95.1	95.9	96.5	96.6	96.7	96.7	97.2	97.2	97.2	97.3
≥ 700	69.8	83.7	88.4	91.1	94.6	95.3	96.2	97.1	97.6	97.7	97.8	97.8	98.4	98.4	98.4	98.5
≥ 600	69.8	83.8	88.5	91.2	94.7	95.4	96.3	97.2	97.7	97.8	98.0	98.0	98.5	98.5	98.5	98.6
≥ 500	69.9	83.9	88.9	91.3	94.8	95.5	96.5	97.3	97.8	98.0	98.3	98.3	98.8	98.8	98.8	98.9
≥ 400	69.9	83.9	88.6	91.5	95.1	95.7	96.7	97.5	98.1	98.2	98.5	98.5	99.0	99.0	99.0	99.1
≥ 300	69.9	83.9	88.6	91.5	95.1	95.7	96.7	97.5	98.1	98.2	98.5	98.5	99.0	99.0	99.0	99.1
≥ 200	69.9	83.9	88.6	91.5	95.1	95.7	96.7	97.5	98.1	98.2	98.5	98.5	99.0	99.0	99.4	99.5
≥ 100	69.9	83.9	88.6	91.5	95.1	95.7	96.7	97.5	98.1	98.2	98.5	98.5	99.0	99.0	99.4	99.6
≥ 0	69.9	83.9	88.6	91.5	95.1	95.7	96.7	97.5	98.1	98.2	98.5	98.5	99.0	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13640 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) OCT (MON)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.4	49.0	50.4	51.4	52.6	53.7	54.6	55.3	55.7	55.9	56.1	56.1	56.7	56.8	57.3	57.8
≥ 20000	41.5	51.7	53.2	54.2	55.4	56.5	57.5	58.2	58.6	58.8	59.0	59.0	59.6	59.7	60.2	60.8
≥ 18000	41.5	51.7	53.2	54.2	55.4	56.5	57.5	58.2	58.6	58.8	59.0	59.0	59.6	59.7	60.2	60.8
≥ 16000	41.5	51.7	53.2	54.2	55.4	56.5	57.5	58.2	58.6	58.8	59.0	59.0	59.6	59.7	60.2	60.8
≥ 14000	42.4	52.8	54.3	55.3	56.5	57.5	58.6	59.2	59.7	59.9	60.1	60.1	60.6	60.8	61.3	61.8
≥ 12000	45.9	56.6	58.1	59.0	60.2	61.4	62.5	63.1	63.5	63.8	64.0	64.0	64.5	64.6	65.2	65.7
≥ 10000	47.3	58.3	59.8	60.8	61.9	63.1	64.2	64.8	65.3	65.5	65.7	65.7	66.2	66.3	66.9	67.4
≥ 9000	47.8	58.9	60.4	61.4	62.6	63.8	64.8	65.5	65.9	66.1	66.3	66.3	66.9	67.0	67.5	68.1
≥ 8000	49.0	60.2	61.7	62.8	64.0	65.2	66.2	66.9	67.3	67.5	67.7	67.7	68.3	68.4	68.9	69.5
≥ 7000	50.0	61.6	63.2	64.3	65.5	66.7	67.8	68.5	68.9	69.1	69.4	69.4	69.9	70.0	70.5	71.1
≥ 6000	51.5	63.4	65.5	66.6	68.1	69.2	70.4	71.1	71.5	71.7	71.9	71.9	72.5	72.6	73.1	73.7
≥ 5000	54.3	67.0	69.8	70.9	72.4	73.5	74.7	75.4	75.8	76.0	76.2	76.2	76.8	76.9	77.4	78.0
≥ 4500	56.3	69.1	71.9	73.1	75.1	76.2	77.4	78.1	78.5	78.7	78.9	78.9	79.5	79.6	80.1	80.6
≥ 4000	58.5	71.6	74.4	75.6	77.5	78.7	79.9	80.5	81.0	81.2	81.4	81.4	81.9	82.0	82.6	83.1
≥ 3500	59.2	72.7	75.5	76.7	78.6	79.8	81.0	81.6	82.0	82.3	82.5	82.5	83.0	83.1	83.7	84.2
≥ 3000	59.8	73.5	76.3	77.5	79.5	80.8	81.9	82.6	83.0	83.2	83.4	83.4	84.0	84.1	84.6	85.2
≥ 2500	60.5	74.5	77.3	78.5	80.4	81.7	82.9	83.5	84.0	84.2	84.4	84.4	84.9	85.1	85.6	86.1
≥ 2000	60.9	75.8	78.7	80.0	82.2	83.4	84.7	85.4	85.8	86.0	86.2	86.2	86.8	86.9	87.4	88.0
≥ 1800	61.4	76.6	79.5	80.8	83.0	84.3	85.7	86.3	86.8	87.0	87.2	87.2	87.7	87.8	88.4	88.9
≥ 1500	61.9	77.3	80.2	81.6	84.1	85.5	86.9	87.5	88.1	88.2	88.4	88.4	88.9	89.0	89.6	90.1
≥ 1200	62.6	78.4	81.4	83.1	85.9	87.3	88.7	89.4	89.8	90.0	90.2	90.2	90.8	90.9	91.4	91.9
≥ 1000	63.0	79.0	82.0	83.9	86.8	88.2	89.7	90.3	90.8	91.0	91.2	91.2	91.7	91.8	92.4	92.9
≥ 900	63.5	79.8	83.0	84.8	87.8	89.5	91.3	92.0	92.5	92.7	92.9	92.9	93.4	93.5	94.1	94.6
≥ 800	63.5	79.9	83.3	85.2	88.4	90.1	91.9	92.7	93.1	93.3	93.5	93.5	94.1	94.2	94.7	95.3
≥ 700	63.7	80.4	83.9	86.0	89.7	91.8	93.8	94.5	94.9	95.2	95.4	95.4	95.9	96.0	96.6	97.1
≥ 600	63.9	80.5	84.0	86.1	90.0	92.3	94.4	95.2	95.7	95.8	96.0	96.0	96.6	96.7	97.2	97.7
≥ 500	63.9	80.5	84.0	86.1	90.1	92.5	94.7	95.5	95.9	96.1	96.3	96.3	96.9	97.0	97.5	98.1
≥ 400	63.9	80.5	84.0	86.1	90.1	92.5	94.7	95.6	96.0	96.2	96.5	96.5	97.0	97.1	97.6	98.2
≥ 300	63.9	80.5	84.0	86.1	90.1	92.5	94.7	95.8	96.2	96.5	96.7	96.7	97.2	97.4	98.0	98.5
≥ 200	63.9	80.5	84.0	86.1	90.1	92.5	94.7	95.8	96.2	96.5	96.7	96.7	97.3	97.6	98.4	98.9
≥ 100	63.9	80.5	84.0	86.1	90.1	92.5	94.7	95.8	96.2	96.5	96.7	96.7	97.3	97.6	98.4	99.2
0	63.9	80.5	84.0	86.1	90.1	92.5	94.7	95.8	96.2	96.5	96.7	96.7	97.3	97.6	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0360

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (EST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	26.7	39.9	43.1	46.7	49.7	50.9	51.9	52.7	53.3	54.0	54.2	54.2	54.8	54.9	55.5	56.2
≥ 20000	28.0	41.7	45.1	48.8	51.9	53.1	54.2	54.9	55.6	56.2	56.5	56.5	57.2	57.3	57.8	58.6
≥ 18000	28.1	41.8	45.2	48.9	52.0	53.2	54.3	55.1	55.7	56.3	56.6	56.6	57.3	57.4	58.0	58.7
≥ 16000	28.1	41.9	45.2	48.9	52.0	53.2	54.3	55.1	55.7	56.3	56.6	56.6	57.3	57.4	58.0	58.7
≥ 14000	28.3	42.5	45.9	49.8	52.9	54.1	55.2	55.9	56.6	57.2	57.4	57.4	58.2	58.3	58.8	59.6
≥ 12000	29.6	45.2	48.7	52.6	55.7	56.9	58.0	58.7	59.5	60.1	60.3	60.3	61.2	61.3	61.9	62.6
≥ 10000	31.1	47.1	50.8	54.8	58.0	59.1	60.2	61.0	61.7	62.4	62.6	62.6	63.4	63.5	64.1	64.8
≥ 9000	31.3	47.3	51.0	55.1	58.3	59.5	60.5	61.3	62.0	62.7	62.9	62.9	63.8	63.9	64.4	65.2
≥ 8000	32.9	50.1	53.8	58.2	61.4	62.6	63.7	64.4	65.2	65.8	66.0	66.0	66.9	67.0	67.5	68.3
≥ 7000	33.5	51.5	55.4	59.8	63.0	64.4	65.5	66.3	67.1	67.7	68.0	68.0	68.9	69.0	69.6	70.3
≥ 6000	34.1	52.8	57.0	61.4	64.6	66.0	67.2	68.1	68.8	69.5	69.7	69.7	70.8	70.9	71.4	72.2
≥ 5000	35.4	54.7	59.2	63.8	67.0	68.4	69.6	70.5	71.3	71.9	72.2	72.2	73.2	73.3	73.9	74.6
≥ 4500	36.5	56.2	61.1	65.7	68.9	70.4	71.6	72.8	73.5	74.2	74.4	74.4	75.5	75.6	76.1	76.9
≥ 4000	37.6	58.1	63.1	67.8	71.2	72.7	74.0	75.2	76.0	76.7	76.9	76.9	78.0	78.1	78.6	79.4
≥ 3500	38.5	59.5	64.7	69.5	72.8	74.3	75.6	76.6	77.6	78.4	78.6	78.6	79.7	79.8	80.3	81.1
≥ 3000	39.5	60.9	66.3	71.2	74.6	76.1	77.4	78.6	79.5	80.2	80.4	80.4	81.5	81.6	82.2	82.9
≥ 2500	40.1	61.5	67.2	72.3	75.7	77.2	78.5	79.7	80.5	81.3	81.5	81.5	82.6	82.7	83.2	84.0
≥ 2000	40.9	62.8	68.5	73.8	77.2	78.7	80.1	81.4	82.3	83.0	83.2	83.2	84.3	84.4	84.9	85.7
≥ 1800	40.8	63.1	68.8	74.1	77.7	79.2	80.6	82.0	82.9	83.7	83.9	83.9	84.9	85.1	85.6	86.3
≥ 1500	41.3	63.9	69.5	74.8	78.7	80.2	81.6	83.0	84.0	84.7	84.9	84.9	86.0	85.1	86.7	87.4
≥ 1200	41.4	64.7	70.6	76.7	80.5	82.3	83.7	85.3	86.2	87.0	87.2	87.2	88.3	88.4	88.9	89.7
≥ 1000	41.4	65.4	71.6	78.0	82.0	83.8	85.2	86.9	87.8	88.6	88.8	88.8	89.9	90.0	90.5	91.3
≥ 900	41.5	65.7	72.0	78.5	82.8	84.8	86.3	88.4	89.4	90.1	90.3	90.3	91.4	91.5	92.0	92.8
≥ 800	41.5	65.9	72.3	78.9	83.3	85.5	87.3	89.5	90.4	91.2	91.4	91.4	92.5	92.6	93.1	93.9
≥ 700	41.6	66.8	73.1	79.9	84.4	86.7	88.6	91.1	92.0	92.8	93.0	93.0	94.1	94.2	94.7	95.5
≥ 600	41.6	66.9	73.2	80.1	84.8	87.2	89.5	92.0	93.0	93.8	94.0	94.0	95.1	95.2	95.7	96.5
≥ 500	41.6	66.9	73.2	80.1	85.1	87.5	90.0	92.7	93.7	94.8	95.1	95.1	96.1	96.2	96.8	97.5
≥ 400	41.6	66.9	73.2	80.1	85.1	87.5	90.0	92.7	93.7	94.8	95.1	95.1	96.2	96.3	96.9	97.6
≥ 300	41.6	66.9	73.2	80.1	85.1	87.5	90.0	92.9	94.0	95.2	95.4	95.4	96.6	96.7	97.2	98.1
≥ 200	41.6	66.9	73.2	80.1	85.1	87.5	90.0	93.0	94.1	95.3	95.5	95.5	96.7	97.0	97.6	98.6
≥ 100	41.6	66.9	73.2	80.1	85.1	87.5	90.0	93.0	94.1	95.3	95.5	95.5	96.7	97.0	97.6	99.1
≥ 0	41.6	66.9	73.2	80.1	85.1	87.5	90.0	93.0	94.1	95.3	95.5	95.5	96.7	97.0	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.3	47.0	50.4	52.2	52.7	53.5	53.8	54.0	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000	31.6	49.2	52.7	54.4	54.9	55.8	56.0	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 18000	31.9	49.7	53.1	54.8	55.4	56.2	56.5	56.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 16000	32.2	49.9	53.3	55.1	55.6	56.5	56.7	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 14000	32.7	50.5	54.0	55.7	56.2	57.1	57.3	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 12000	33.8	52.6	56.2	58.0	58.6	59.5	59.7	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 10000	34.9	54.3	58.2	59.9	60.5	61.5	61.7	61.9	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 9000	35.2	54.8	58.7	60.4	61.1	62.0	62.3	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 8000	35.7	57.6	61.7	63.7	64.3	65.3	65.7	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 7000	36.8	59.2	63.4	65.5	66.2	67.2	67.6	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 6000	37.4	61.9	65.2	67.3	68.0	68.9	69.4	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 5000	38.1	62.5	67.0	69.7	70.4	71.4	71.8	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4500	38.3	62.8	67.3	70.0	70.9	71.8	72.3	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 4000	39.5	64.3	68.8	71.8	73.0	74.1	74.6	74.9	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 3500	40.8	66.2	70.9	74.0	75.4	76.6	77.1	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 3000	41.5	67.2	72.0	75.2	77.0	78.2	78.7	79.1	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 2500	42.8	68.9	73.9	77.1	79.0	80.2	80.8	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 2000	43.4	69.8	74.8	78.1	80.0	81.3	81.9	82.5	82.7	82.8	82.8	83.0	83.0	83.0	83.0	83.0
≥ 1800	43.5	70.1	75.2	78.4	80.5	81.8	82.5	83.0	83.2	83.3	83.3	83.5	83.5	83.5	83.5	83.5
≥ 1500	43.9	71.3	76.9	80.2	82.8	84.1	84.7	85.4	85.6	85.7	85.7	85.9	85.9	85.9	85.9	85.9
≥ 1200	44.2	72.4	78.1	81.5	84.3	85.6	86.2	87.0	87.2	87.3	87.3	87.5	87.5	87.5	87.5	87.5
≥ 1000	44.5	73.2	79.4	83.2	86.8	88.1	88.9	89.7	89.9	90.0	90.0	90.2	90.2	90.2	90.2	90.2
≥ 900	44.6	74.1	80.3	84.7	88.7	90.1	91.0	92.2	92.4	92.5	92.5	92.7	92.7	92.7	92.7	92.7
≥ 800	44.8	74.3	80.6	85.1	89.1	90.8	91.8	93.1	93.3	93.4	93.4	93.7	93.7	93.7	93.7	93.7
≥ 700	44.9	74.8	81.3	85.8	90.1	91.9	93.2	94.6	94.8	94.9	94.9	95.2	95.2	95.2	95.2	95.2
≥ 600	44.9	75.2	81.5	86.3	91.1	93.3	94.8	96.3	96.6	96.7	96.7	96.9	96.9	96.9	96.9	96.9
≥ 500	44.9	75.2	81.5	86.3	91.2	93.4	95.2	97.1	97.4	97.6	97.6	97.8	98.0	98.0	98.0	98.0
≥ 400	44.9	75.2	81.5	86.3	91.2	93.4	95.2	97.2	97.5	97.7	98.0	98.2	98.4	98.4	98.6	98.7
≥ 300	44.9	75.2	81.5	86.3	91.2	93.4	95.2	97.3	97.8	98.1	98.3	98.5	98.7	98.8	99.0	99.1
≥ 200	44.9	75.2	81.5	86.3	91.2	93.4	95.2	97.3	97.8	98.1	98.4	98.6	98.8	98.9	99.1	99.4
≥ 100	44.9	75.2	81.5	86.3	91.2	93.4	95.2	97.3	97.8	98.2	98.5	98.7	98.9	99.0	99.4	99.9
0	44.9	75.2	81.5	86.3	91.2	93.4	95.2	97.3	97.8	98.2	98.5	98.7	98.9	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0361

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS IST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥ ¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.5	51.6	53.1	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
≥ 20000	42.6	55.5	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 18000	43.0	55.9	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 16000	43.0	55.9	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 14000	43.5	56.5	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 12000	44.3	57.4	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 10000	46.0	60.1	61.7	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
≥ 9000	46.5	61.3	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 8000	47.4	63.1	64.9	65.4	65.4	65.4	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 7000	47.8	64.2	66.2	66.7	66.9	66.9	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 6000	48.2	64.6	67.0	67.6	67.8	67.8	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 5000	49.5	66.5	69.1	69.7	69.9	70.0	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4500	50.3	67.4	70.1	70.8	71.1	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 4000	51.8	69.8	72.7	73.4	74.1	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 3500	54.5	72.8	75.6	76.6	77.5	77.7	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 3000	57.2	75.8	79.1	80.3	81.3	81.6	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 2500	58.6	77.8	81.3	82.6	83.5	83.9	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2000	59.7	79.6	83.3	84.7	85.9	86.2	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1800	59.7	79.6	83.3	84.7	86.0	86.3	86.9	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1500	60.5	81.2	85.1	86.9	88.4	88.7	89.4	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1200	61.1	82.6	87.0	88.8	90.6	91.0	91.6	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1000	61.1	83.7	88.6	90.5	92.9	93.2	93.9	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 900	61.6	84.5	89.5	91.8	94.4	94.8	95.6	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800	61.8	84.8	89.9	92.3	94.9	95.6	96.3	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	61.9	85.2	90.3	92.7	95.5	96.1	96.9	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	61.9	85.3	90.4	92.9	96.1	97.1	97.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	61.9	85.4	90.5	93.2	96.7	97.6	98.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	61.9	85.4	90.5	93.2	96.7	97.6	98.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	61.9	85.4	90.5	93.2	96.7	97.6	98.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	61.9	85.4	90.5	93.2	96.7	97.6	98.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	61.9	85.4	90.5	93.2	96.7	97.6	98.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	61.9	85.4	90.5	93.2	96.7	97.6	98.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13640 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS IN LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	44.2	53.0	53.5	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 20000	48.3	57.6	58.2	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 18000	48.9	58.3	58.8	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 16000	48.9	58.3	58.8	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 14000	50.0	59.8	60.3	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 12000	50.9	61.0	61.5	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 10000	53.5	64.8	65.4	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 9000	54.3	66.5	67.1	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 8000	55.9	68.0	68.6	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 7000	57.1	70.1	70.9	71.8	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 6000	57.5	71.0	71.8	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 5000	59.2	73.2	74.1	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4500	60.2	74.8	75.7	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4000	62.9	78.1	79.0	80.2	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3500	64.3	80.2	81.3	82.5	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3000	65.7	82.0	83.5	84.9	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2500	66.7	84.1	85.7	87.3	88.7	89.3	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 2000	67.3	85.6	87.6	89.5	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1800	67.3	85.9	87.8	89.8	91.4	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	68.4	87.2	89.5	91.6	93.4	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200	68.9	87.8	90.1	92.5	94.5	94.9	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	68.9	88.3	90.6	93.2	95.4	96.0	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	69.1	88.5	90.9	93.5	95.7	96.3	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	69.1	88.6	91.1	93.8	96.0	96.8	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700	69.1	88.9	91.4	94.1	96.7	97.7	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	69.2	89.0	91.7	94.5	97.1	98.2	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	69.2	89.0	91.7	94.5	97.1	98.2	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	69.2	89.0	91.7	94.5	97.1	98.2	98.9	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	69.2	89.0	91.7	94.5	97.1	98.2	98.9	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	69.2	89.0	91.7	94.5	97.1	98.2	98.9	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	69.2	89.0	91.7	94.5	97.1	98.2	98.9	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	69.2	89.0	91.7	94.5	97.1	98.2	98.9	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 9-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0362

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) , RIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	48.8	54.9	55.7	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 20000	51.9	58.8	59.6	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 18000	52.2	59.1	59.8	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
≥ 16000	52.3	59.1	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 14000	53.2	60.3	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 12000	55.1	62.4	63.1	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 10000	57.5	65.8	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 9000	58.4	66.9	67.7	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 8000	59.6	68.7	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 7000	61.2	70.9	71.8	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 6000	62.8	73.3	74.5	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 5000	64.2	76.2	77.6	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4500	65.5	78.4	79.9	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4000	68.2	81.1	82.8	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3500	68.8	82.6	84.4	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3000	69.6	84.0	86.0	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2500	69.9	85.5	88.1	89.8	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2000	70.5	86.6	89.1	91.1	92.2	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1800	70.6	86.8	89.4	91.3	92.5	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1500	71.2	88.2	90.9	92.9	94.2	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1200	71.4	88.5	91.2	93.3	94.7	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	71.6	89.0	91.8	94.3	96.1	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	71.6	89.1	91.9	94.5	96.3	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	71.7	89.4	92.2	94.7	96.6	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700	71.7	89.5	92.3	94.9	96.8	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	71.7	89.6	92.6	95.5	97.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	71.7	89.6	92.7	95.8	98.0	98.9	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	71.7	89.6	92.7	95.8	98.0	98.9	99.2	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	71.7	89.6	92.7	95.8	98.0	98.9	99.2	99.4	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	71.7	89.6	92.7	95.8	98.0	98.9	99.2	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	71.7	89.6	92.7	95.8	98.0	98.9	99.2	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	71.7	89.6	92.7	95.8	98.0	98.9	99.2	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 67-70,73-78 (YEARS) | OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	>10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	51.2	57.6	58.4	58.9	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 20000	53.3	60.2	61.3	61.6	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 18000	53.3	60.2	61.3	61.6	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 16000	53.3	60.2	61.3	61.6	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 14000	54.3	61.2	61.9	62.6	63.3	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 12000	57.5	64.5	65.3	65.9	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 10000	59.2	66.9	67.6	68.3	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 9000	60.0	67.6	68.4	69.0	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 8000	61.3	69.0	70.3	71.0	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 7000	63.1	71.5	72.4	73.0	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 6000	65.3	74.2	75.3	76.0	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 5000	67.8	77.5	78.6	79.5	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4500	68.6	78.3	79.7	80.9	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4000	69.8	80.6	81.9	83.2	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3500	70.5	82.3	83.3	84.7	85.9	85.9	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3000	71.6	83.8	85.2	86.8	88.3	88.3	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2500	71.8	84.4	86.1	88.0	89.6	89.7	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2000	73.1	85.9	87.7	89.7	91.4	91.5	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1800	73.2	86.0	87.8	89.8	91.5	91.6	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1500	73.9	87.7	89.9	91.8	93.5	93.7	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1200	74.1	88.1	90.3	92.4	94.2	94.3	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1000	74.1	88.4	90.8	93.1	95.3	95.5	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	74.1	88.4	90.8	93.1	95.4	95.6	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	74.2	88.8	91.2	93.5	96.0	96.2	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	74.2	88.9	91.4	93.8	96.2	96.5	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	74.3	89.1	91.7	94.3	97.3	97.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	74.4	89.5	92.0	94.6	97.7	98.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	74.4	89.5	92.0	94.6	98.1	98.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	74.4	89.5	92.0	94.6	98.1	98.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	74.4	89.5	92.0	94.6	98.1	98.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	74.4	89.5	92.0	94.6	98.1	98.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	74.4	89.5	92.0	94.6	98.1	98.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0363

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	40.7	50.8	52.4	53.5	54.3	54.7	55.1	55.4	55.6	55.7	55.8	55.8	56.0	56.0	56.1	56.3
≥ 20000	43.1	53.8	55.5	56.6	57.5	57.9	58.2	58.5	58.8	58.9	58.9	58.9	59.2	59.2	59.3	59.5
≥ 18000	43.3	54.0	55.8	56.9	57.7	58.1	58.5	58.8	59.0	59.1	59.2	59.2	59.4	59.4	59.6	59.7
≥ 16000	43.4	54.1	55.8	56.9	57.7	58.2	58.5	58.8	59.0	59.2	59.2	59.2	59.4	59.5	59.6	59.8
≥ 14000	44.2	55.1	56.8	57.9	58.8	59.2	59.5	59.8	60.1	60.2	60.2	60.2	60.5	60.5	60.6	60.8
≥ 12000	46.3	57.3	59.1	60.2	61.1	61.5	61.9	62.2	62.4	62.5	62.6	62.6	62.8	62.9	63.0	63.2
≥ 10000	47.8	59.9	61.7	62.9	63.7	64.2	64.6	64.9	65.1	65.2	65.3	65.3	65.5	65.5	65.7	65.8
≥ 9000	48.4	60.7	62.5	63.7	64.6	65.0	65.4	65.7	65.9	66.0	66.1	66.1	66.4	66.4	66.5	66.7
≥ 8000	49.5	62.6	64.5	65.8	66.7	67.1	67.5	67.8	68.1	68.2	68.3	68.3	68.5	68.5	68.7	68.8
≥ 7000	50.7	64.3	66.4	67.7	68.7	69.2	69.6	70.0	70.2	70.3	70.4	70.4	70.6	70.7	70.8	71.0
≥ 6000	51.9	66.7	68.3	69.7	70.8	71.2	71.7	72.0	72.2	72.4	72.4	72.4	72.7	72.7	72.8	73.0
≥ 5000	53.8	68.6	71.2	72.8	73.8	74.3	74.7	75.1	75.3	75.4	75.5	75.5	75.8	75.8	75.9	76.1
≥ 4500	54.9	70.0	72.7	74.3	75.5	76.0	76.5	76.9	77.1	77.2	77.3	77.3	77.5	77.6	77.7	77.9
≥ 4000	56.5	72.3	75.1	76.8	78.1	78.7	79.2	79.6	79.8	79.9	80.0	80.0	80.3	80.3	80.4	80.6
≥ 3500	57.7	74.1	76.9	78.8	80.2	80.8	81.3	81.7	82.0	82.1	82.2	82.2	82.4	82.5	82.6	82.8
≥ 3000	58.8	75.6	78.6	80.6	82.2	82.8	83.4	83.8	84.1	84.2	84.3	84.3	84.5	84.6	84.7	84.9
≥ 2500	59.7	76.9	80.2	82.4	84.2	84.8	85.4	85.8	86.1	86.2	86.3	86.3	86.6	86.6	86.7	86.9
≥ 2000	60.4	78.3	81.7	84.0	85.9	86.6	87.2	87.7	88.0	88.1	88.2	88.2	88.5	88.5	88.6	88.8
≥ 1800	60.6	78.6	81.9	84.3	86.3	87.0	87.7	88.2	88.5	88.6	88.7	88.7	89.0	89.0	89.2	89.3
≥ 1500	61.2	79.8	83.3	85.8	88.1	88.9	89.6	90.1	90.3	90.5	90.6	90.6	90.9	90.9	91.0	91.2
≥ 1200	61.5	80.6	84.3	87.0	89.4	90.2	91.0	91.5	91.8	92.0	92.0	92.1	92.3	92.4	92.5	92.7
≥ 1000	61.7	81.2	85.2	88.1	90.9	91.8	92.6	93.2	93.5	93.7	93.7	93.8	94.0	94.0	94.2	94.4
≥ 900	61.9	81.6	85.7	88.8	91.8	92.7	93.7	94.4	94.7	94.8	94.9	94.9	95.2	95.2	95.3	95.5
≥ 800	62.0	81.9	86.0	89.2	92.2	93.3	94.4	95.1	95.4	95.6	95.6	95.7	95.9	96.0	96.1	96.3
≥ 700	62.2	82.3	86.5	89.8	93.0	94.2	95.3	96.2	96.5	96.6	96.7	96.7	97.0	97.0	97.2	97.3
≥ 600	62.2	82.4	86.7	90.1	93.6	94.9	96.1	97.0	97.3	97.5	97.6	97.6	97.9	97.9	98.0	98.2
≥ 500	62.2	82.5	86.8	90.3	93.8	95.2	96.5	97.5	97.8	98.1	98.2	98.2	98.5	98.5	98.7	98.8
≥ 400	62.2	82.5	86.8	90.3	93.9	95.3	96.6	97.6	98.0	98.3	98.5	98.5	98.8	98.8	99.0	99.2
≥ 300	62.2	82.5	86.8	90.3	93.9	95.3	96.6	97.7	98.1	98.4	98.6	98.6	98.9	99.0	99.1	99.3
≥ 200	62.2	82.5	86.8	90.3	93.9	95.3	96.6	97.7	98.1	98.4	98.6	98.6	99.0	99.0	99.3	99.5
≥ 100	62.2	82.5	86.8	90.3	93.9	95.3	96.6	97.7	98.1	98.4	98.6	98.6	99.0	99.1	99.3	99.7
≥ 0	62.2	82.5	86.8	90.3	93.9	95.3	96.6	97.7	98.1	98.4	98.6	98.6	99.0	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	27.2	32.1	33.1	34.7	35.7	35.9	36.2	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.8	37.2
≥ 20000	29.3	34.3	35.4	37.2	38.2	38.4	38.8	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.3	39.8
≥ 18000	29.3	34.3	35.4	37.2	38.2	38.4	38.8	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.3	39.8
≥ 16000	29.3	34.3	35.4	37.2	38.2	38.4	38.8	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.3	39.8
≥ 14000	29.4	34.4	35.6	37.4	38.4	38.7	39.0	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.6	40.0
≥ 12000	31.6	36.8	37.7	39.6	40.6	41.8	41.1	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.7	42.1
≥ 10000	33.7	39.6	40.7	42.7	43.7	43.9	44.2	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.8	45.2
≥ 9000	34.3	40.6	41.7	43.8	44.8	45.0	45.3	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.9	46.3
≥ 8000	37.6	44.1	45.2	47.3	48.3	48.6	48.9	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.4	49.9
≥ 7000	38.6	46.1	47.2	49.7	50.7	50.9	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.8	52.2
≥ 6000	40.4	48.3	49.6	52.0	53.0	53.2	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	54.1	54.6
≥ 5000	43.3	51.3	52.6	55.2	56.4	56.7	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.6	58.0
≥ 4500	45.6	54.0	55.3	58.0	59.2	59.4	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.3	60.8
≥ 4000	48.9	58.3	59.8	62.7	63.9	64.1	64.4	64.6	64.7	64.7	64.7	64.7	64.7	64.7	65.0	65.4
≥ 3500	52.3	62.7	64.2	67.2	68.6	68.8	69.1	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.7	70.1
≥ 3000	54.7	65.7	67.2	70.3	71.8	72.1	72.3	72.4	72.6	72.8	72.8	72.8	72.8	72.8	73.1	73.6
≥ 2500	57.2	69.3	71.4	74.8	76.3	76.7	77.0	77.1	77.2	77.4	77.4	77.4	77.4	77.4	77.8	78.2
≥ 2000	59.0	71.6	73.7	77.0	78.6	78.9	79.2	79.3	79.4	79.7	79.7	79.7	79.7	79.7	80.0	80.4
≥ 1800	59.9	72.7	74.8	78.1	79.7	80.0	80.3	80.4	80.6	80.8	80.8	80.8	80.8	80.8	81.1	81.6
≥ 1500	62.6	76.4	78.8	82.3	83.9	84.2	84.6	84.7	84.8	85.0	85.0	85.0	85.0	85.0	85.3	85.8
≥ 1200	64.0	79.1	81.6	85.2	86.8	87.2	87.6	87.7	87.8	88.0	88.0	88.0	88.0	88.0	88.3	88.8
≥ 1000	64.3	81.0	83.4	87.4	89.0	89.4	89.8	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.6	91.0
≥ 900	64.6	81.3	84.0	88.3	90.1	90.7	91.0	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91.8	92.2
≥ 800	64.6	82.0	84.9	89.6	91.6	92.2	92.6	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.3	93.8
≥ 700	64.6	82.2	85.1	90.0	92.3	93.1	93.9	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.7	95.1
≥ 600	64.7	82.9	85.8	91.0	94.0	94.8	95.7	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.4	96.9
≥ 500	64.7	82.9	85.8	91.2	94.3	95.8	96.8	96.9	97.0	97.4	97.4	97.4	97.4	97.4	97.8	98.2
≥ 400	64.7	82.9	85.8	91.2	94.4	95.9	97.3	97.4	97.6	98.1	98.1	98.1	98.1	98.1	98.4	98.9
≥ 300	64.7	82.9	85.8	91.2	94.4	95.9	97.6	97.9	98.2	98.8	98.8	98.8	98.8	98.8	99.1	99.6
≥ 200	64.7	82.9	85.8	91.2	94.4	95.9	97.6	97.9	98.2	98.8	98.8	98.8	98.8	98.8	99.1	99.7
≥ 100	64.7	82.9	85.8	91.2	94.4	95.9	97.6	97.9	98.2	98.8	98.8	98.8	98.8	98.8	99.2	100.0
0	64.7	82.9	85.8	91.2	94.4	95.9	97.6	97.9	98.2	98.8	98.8	98.8	98.8	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0364

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	28.3	29.9	31.7	32.3	33.7	33.9	34.2	34.4	34.8	35.3	35.6	35.6	35.9	36.0	36.4	36.8
≥ 20000	28.2	32.2	34.2	34.9	36.2	36.4	36.8	37.0	37.3	37.9	38.1	38.1	38.4	38.6	39.0	39.3
≥ 18000	28.3	32.3	34.3	35.0	36.3	36.6	36.9	37.1	37.4	38.0	38.2	38.2	38.6	38.7	39.1	39.4
≥ 16000	28.3	32.3	34.3	35.0	36.3	36.6	36.9	37.1	37.4	38.0	38.2	38.2	38.6	38.7	39.1	39.4
≥ 14000	28.4	32.4	34.4	35.2	36.6	36.8	37.1	37.3	37.7	38.2	38.4	38.4	38.8	38.9	39.3	39.7
≥ 12000	29.6	33.9	35.9	36.6	37.9	38.1	38.4	38.7	39.0	39.6	39.8	39.8	40.1	40.2	40.7	41.0
≥ 10000	32.1	37.0	39.2	40.0	41.3	41.6	41.9	42.1	42.4	43.0	43.2	43.2	43.6	43.7	44.1	44.4
≥ 9000	32.6	37.7	39.9	40.7	42.0	42.2	42.6	42.8	43.1	43.7	43.9	43.9	44.2	44.3	44.8	45.1
≥ 8000	34.3	40.8	43.0	43.8	45.3	45.6	45.9	46.1	46.4	47.0	47.2	47.2	47.6	47.7	48.1	48.4
≥ 7000	35.4	42.6	44.8	45.9	47.6	47.8	48.1	48.3	48.7	49.2	49.4	49.4	49.8	49.9	50.3	50.7
≥ 6000	37.5	45.3	47.9	49.1	51.0	51.2	51.6	51.8	52.1	52.7	52.9	52.9	53.2	53.3	53.8	54.1
≥ 5000	40.7	48.8	51.3	52.7	54.8	55.0	55.3	55.6	55.9	56.4	56.7	56.7	57.0	57.1	57.6	57.9
≥ 4500	42.8	51.8	54.3	55.7	57.8	58.0	58.3	58.6	59.9	59.4	59.7	59.7	60.0	60.1	60.6	60.9
≥ 4000	45.9	56.1	58.7	61.3	62.4	62.7	63.0	63.2	63.6	64.1	64.3	64.3	64.7	64.8	65.2	65.6
≥ 3500	49.0	59.8	62.4	64.1	66.2	66.4	66.8	67.0	67.3	67.9	68.1	68.1	68.4	68.6	69.0	69.3
≥ 3000	50.8	62.6	65.2	66.9	69.1	69.4	69.8	70.0	70.3	70.9	71.1	71.1	71.4	71.6	72.0	72.3
≥ 2500	52.1	65.0	67.8	69.4	71.8	72.2	72.6	72.8	73.1	73.7	73.9	73.9	74.2	74.3	74.8	75.1
≥ 2000	54.1	67.7	70.7	72.6	75.1	75.6	76.0	76.2	76.6	77.1	77.4	77.4	77.8	77.9	78.3	78.7
≥ 1800	54.6	68.7	71.8	73.7	76.2	76.7	77.1	77.3	77.7	78.2	78.6	78.6	78.9	79.0	79.4	79.8
≥ 1500	57.3	72.4	75.6	77.7	80.3	80.8	81.2	81.4	81.8	82.3	82.7	82.7	83.1	83.2	83.7	84.0
≥ 1200	58.6	74.4	77.8	80.0	82.7	83.1	83.6	83.8	84.1	84.7	85.0	85.0	85.4	85.6	86.0	86.3
≥ 1000	59.2	75.8	79.3	81.6	84.7	85.3	85.9	86.1	86.4	87.0	87.3	87.3	87.8	87.9	88.3	88.7
≥ 900	59.4	76.7	80.4	82.9	86.2	86.9	87.6	87.8	88.1	88.7	89.0	89.0	89.4	89.6	90.0	90.3
≥ 800	59.6	77.4	81.6	84.3	87.7	88.4	89.1	89.3	89.7	90.2	90.6	90.6	91.0	91.1	91.6	91.9
≥ 700	59.6	77.9	82.0	85.0	88.8	89.6	90.2	90.4	90.8	91.3	91.7	91.7	92.1	92.2	92.7	93.0
≥ 600	59.6	77.9	82.3	85.9	89.7	90.4	91.1	91.3	91.7	92.2	92.6	92.6	93.0	93.1	93.6	93.9
≥ 500	59.6	78.0	82.6	86.2	90.3	91.9	92.8	93.1	93.6	94.6	94.9	94.9	95.3	95.4	95.9	96.2
≥ 400	59.6	78.0	82.7	86.4	90.6	92.3	93.4	93.9	94.4	95.6	95.9	95.9	96.3	96.4	96.9	97.2
≥ 300	59.6	78.0	82.7	86.4	90.6	92.3	93.8	94.7	95.4	96.7	97.1	97.1	97.6	97.7	98.1	98.4
≥ 200	59.6	78.0	82.7	86.4	90.6	92.3	93.8	94.7	95.4	96.9	97.6	97.6	98.0	98.1	98.6	98.9
≥ 100	59.6	78.0	82.7	86.4	90.6	92.3	93.8	94.7	95.6	97.0	97.7	97.7	98.1	98.2	99.0	100.0
0	59.6	78.0	82.7	86.4	90.6	92.3	93.8	94.7	95.6	97.0	97.7	97.7	98.1	98.2	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	20.4	24.8	26.7	28.0	29.0	29.1	29.9	30.9	31.2	31.8	32.3	32.3	32.6	32.6	33.0	33.4
≥ 20000	21.4	25.8	28.0	29.3	30.4	30.6	31.4	32.4	32.8	33.3	33.9	33.9	34.1	34.1	34.6	35.1
≥ 18000	21.6	25.9	28.1	29.4	30.6	30.7	31.6	32.6	32.9	33.4	34.0	34.0	34.2	34.2	34.7	35.2
≥ 16000	21.6	25.9	28.1	29.4	30.6	30.7	31.6	32.6	32.9	33.4	34.0	34.0	34.2	34.2	34.7	35.2
≥ 14000	21.7	26.1	28.4	29.8	30.9	31.0	31.9	32.9	33.2	33.8	34.3	34.3	34.6	34.6	35.0	35.6
≥ 12000	22.2	26.9	29.1	30.4	31.6	31.7	32.6	33.6	33.9	34.4	35.0	35.0	35.2	35.2	35.7	36.2
≥ 10000	25.2	29.9	32.4	34.0	35.1	35.2	36.2	37.2	37.6	38.1	38.7	38.7	38.9	38.9	39.3	39.9
≥ 9000	25.9	30.7	33.2	34.8	35.9	36.1	37.1	38.1	38.4	39.0	39.6	39.6	39.8	39.8	40.2	40.8
≥ 8000	27.3	32.9	35.8	37.4	38.8	39.1	40.1	41.1	41.4	42.0	42.6	42.6	42.8	42.8	43.2	43.8
≥ 7000	28.3	35.5	38.2	39.9	41.2	41.6	42.6	43.6	43.9	44.4	45.0	45.0	45.2	45.2	45.7	46.2
≥ 6000	30.2	37.9	40.9	42.8	44.4	45.1	46.1	47.1	47.4	48.0	48.6	48.6	48.8	48.8	49.2	49.8
≥ 5000	32.3	40.8	43.9	46.0	47.9	48.6	49.6	50.6	50.9	51.4	52.0	52.0	52.2	52.2	52.7	53.2
≥ 4500	33.1	42.9	46.2	48.3	50.2	50.9	51.9	53.0	53.3	53.9	54.4	54.4	54.7	54.7	55.1	55.7
≥ 4000	36.3	48.9	52.1	54.3	56.2	57.1	58.1	59.3	59.8	60.3	60.9	60.9	61.1	61.1	61.6	62.1
≥ 3500	38.6	52.1	55.9	58.2	60.1	61.0	62.1	63.4	63.9	64.4	65.0	65.0	65.2	65.2	65.7	66.2
≥ 3000	40.9	55.7	59.9	62.4	64.8	65.7	66.8	68.2	68.7	69.2	69.8	69.8	70.0	70.0	70.4	71.0
≥ 2500	41.7	57.2	61.6	64.3	66.8	67.7	68.9	70.3	70.8	71.3	71.9	71.9	72.1	72.1	72.6	73.1
≥ 2000	42.9	59.2	63.9	66.8	69.3	70.2	71.6	73.0	73.4	74.0	74.6	74.6	74.8	74.8	75.2	75.8
≥ 1800	43.2	60.2	65.1	68.1	70.7	71.7	73.1	74.6	75.0	75.6	76.1	76.1	76.3	76.3	76.8	77.3
≥ 1500	44.6	62.9	67.9	70.9	73.7	74.7	76.2	77.8	78.2	78.9	79.4	79.4	79.7	79.7	80.1	80.7
≥ 1200	46.2	65.4	71.0	74.3	77.6	78.8	80.6	82.1	82.6	83.2	83.8	83.8	84.0	84.0	84.4	85.0
≥ 1000	46.9	66.9	73.0	76.7	80.0	81.3	83.2	84.8	85.3	86.0	86.6	86.6	86.8	86.8	87.2	87.8
≥ 900	47.1	67.8	74.0	77.9	81.6	82.9	84.8	86.4	87.0	87.7	88.2	88.2	88.4	88.4	88.9	89.4
≥ 800	47.1	68.3	74.2	78.9	83.1	84.6	86.4	88.3	88.9	89.6	90.3	90.3	90.6	90.6	91.0	91.6
≥ 700	47.1	68.3	74.9	79.9	84.1	85.7	87.8	89.8	90.3	91.0	91.8	91.9	92.1	92.1	92.6	93.1
≥ 600	47.1	68.3	74.9	80.2	85.1	86.9	89.2	91.3	91.9	92.7	93.4	93.6	93.8	93.8	94.2	94.8
≥ 500	47.1	68.4	75.1	80.4	85.4	87.7	90.1	92.3	93.2	94.0	94.8	94.9	95.1	95.1	95.6	96.1
≥ 400	47.1	68.4	75.1	80.6	85.7	88.1	90.7	93.0	93.9	94.9	95.7	95.8	96.0	96.0	96.4	97.0
≥ 300	47.1	68.4	75.1	80.6	85.7	88.1	90.7	93.1	94.1	95.2	96.4	96.6	96.8	96.8	97.3	97.9
≥ 200	47.1	68.4	75.1	80.6	85.7	88.1	90.7	93.3	94.3	95.7	97.0	97.1	97.3	97.3	97.9	98.8
≥ 100	47.1	68.4	75.1	80.6	85.7	88.1	90.7	93.3	94.3	95.7	97.2	97.4	97.7	97.7	98.3	99.9
≥ 0	47.1	68.4	75.1	80.6	85.7	88.1	90.7	93.3	94.3	95.7	97.2	97.4	97.7	97.7	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

C365

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	19.8	26.4	27.9	29.1	30.6	31.2	31.8	31.9	32.2	32.4	32.7	32.8	32.9	33.0	33.0	33.2
≥ 20000	20.9	27.9	29.4	30.7	32.3	33.0	33.6	33.7	34.0	34.2	34.4	34.6	34.7	34.8	34.8	35.0
≥ 18000	21.3	28.3	29.9	31.1	32.8	33.4	34.0	34.1	34.4	34.7	34.9	35.0	35.1	35.2	35.2	35.4
≥ 16000	21.3	28.3	29.9	31.1	32.8	33.4	34.0	34.1	34.4	34.7	34.9	35.0	35.1	35.2	35.2	35.4
≥ 14000	21.4	28.8	30.3	31.6	33.2	33.9	34.4	34.6	34.9	35.1	35.3	35.4	35.6	35.7	35.7	35.9
≥ 12000	22.3	30.0	31.5	32.8	34.4	35.1	35.7	35.8	36.1	36.3	36.6	36.7	36.8	36.9	36.9	37.1
≥ 10000	23.2	32.0	33.7	35.0	36.7	37.3	37.9	38.0	38.3	38.6	38.8	38.9	39.0	39.1	39.1	39.3
≥ 9000	24.8	34.1	35.8	37.1	38.9	39.6	40.1	40.2	40.6	40.8	41.0	41.1	41.2	41.3	41.3	41.6
≥ 8000	25.9	36.3	38.3	39.7	41.6	42.2	42.8	42.9	43.2	43.4	43.7	43.8	43.9	44.0	44.0	44.2
≥ 7000	27.1	38.8	40.9	42.3	44.2	44.9	45.4	45.6	45.9	46.1	46.3	46.4	46.6	46.7	46.7	46.9
≥ 6000	27.8	40.0	42.2	43.7	45.6	46.3	46.9	47.0	47.3	47.6	47.8	47.9	48.0	48.1	48.1	48.3
≥ 5000	29.3	42.4	44.9	46.6	48.6	49.3	49.9	50.0	50.3	50.6	50.8	50.9	51.0	51.1	51.1	51.3
≥ 4500	31.1	44.8	47.2	48.9	51.0	51.8	52.4	52.6	52.9	53.1	53.3	53.4	53.6	53.7	53.7	53.9
≥ 4000	33.1	48.0	50.7	52.4	54.7	55.6	56.2	56.3	56.7	56.9	57.1	57.2	57.3	57.4	57.4	57.7
≥ 3500	34.7	51.1	54.0	55.8	58.2	59.2	60.0	60.1	60.4	60.7	60.9	61.0	61.1	61.2	61.2	61.4
≥ 3000	36.4	53.7	56.7	59.1	61.8	63.0	63.8	64.0	64.3	64.6	64.8	64.9	65.0	65.1	65.1	65.3
≥ 2500	37.8	55.6	59.0	61.6	64.7	66.1	66.9	67.1	67.4	67.7	67.9	68.0	68.1	68.2	68.2	68.4
≥ 2000	39.9	59.0	62.9	66.2	69.6	71.1	72.0	72.2	72.7	72.9	73.1	73.2	73.3	73.4	73.4	73.7
≥ 1800	40.3	60.7	64.8	68.2	71.7	73.3	74.2	74.4	75.0	75.2	75.4	75.7	75.8	75.9	75.9	76.1
≥ 1500	41.9	65.0	69.7	73.3	77.0	79.2	80.2	80.4	81.1	81.3	81.6	81.8	81.9	82.0	82.0	82.2
≥ 1200	42.6	67.0	72.6	76.7	80.7	83.1	84.3	84.8	85.4	85.7	85.9	86.1	86.2	86.3	86.3	86.6
≥ 1000	42.7	67.7	73.7	78.3	82.7	85.2	86.4	87.0	87.7	88.0	88.2	88.4	88.6	88.7	88.7	88.9
≥ 900	42.8	68.6	74.7	80.3	84.8	87.4	88.7	89.3	90.0	90.3	90.7	90.9	91.0	91.1	91.1	91.3
≥ 800	42.8	68.8	75.2	81.4	86.4	89.1	90.7	91.4	92.1	92.6	92.9	93.1	93.4	93.6	93.6	93.8
≥ 700	42.8	69.2	75.9	82.2	87.4	90.4	92.6	93.4	94.1	94.6	94.9	95.2	95.6	95.7	95.7	95.9
≥ 600	42.8	69.2	76.0	82.3	87.8	90.8	93.2	94.3	95.1	95.6	95.9	96.2	96.6	96.7	96.7	96.9
≥ 500	42.8	69.2	76.0	82.6	88.1	91.2	94.2	95.4	96.2	96.9	97.2	97.7	98.0	98.2	98.2	98.4
≥ 400	42.8	69.2	76.0	82.6	88.1	91.2	94.3	95.6	96.4	97.1	97.6	98.0	98.4	98.7	98.7	98.9
≥ 300	42.8	69.2	76.0	82.6	88.1	91.2	94.3	95.7	96.7	97.3	98.1	98.8	99.2	99.6	99.6	99.8
≥ 200	42.8	69.2	76.0	82.6	88.1	91.2	94.3	95.7	96.7	97.3	98.1	98.9	99.3	99.7	99.7	100.0
≥ 100	42.8	69.2	76.0	82.6	88.1	91.2	94.3	95.7	96.7	97.3	98.1	98.9	99.3	99.7	99.7	100.0
≥ 0	42.8	69.2	76.0	82.6	88.1	91.2	94.3	95.7	96.7	97.3	98.1	98.9	99.3	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	22.3	29.4	31.3	31.2	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 20000	24.8	32.2	33.7	34.6	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 18000	25.0	33.0	33.9	34.8	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
≥ 16000	25.1	33.1	34.0	34.9	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 14000	25.7	33.9	34.8	35.7	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 12000	26.4	34.9	35.9	36.8	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 10000	27.8	37.0	38.1	39.1	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 9000	29.2	39.3	40.4	41.4	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 8000	30.4	41.1	42.2	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 7000	32.2	44.2	45.3	46.3	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 6000	32.7	45.3	46.7	47.7	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 5000	33.4	46.7	48.0	49.0	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 4500	35.2	48.9	50.7	51.7	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 4000	37.1	51.4	53.4	54.9	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 3500	39.6	55.3	57.4	58.9	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 3000	44.0	60.8	62.9	64.4	65.4	65.4	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 2500	47.4	65.2	68.0	70.0	71.3	71.4	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 2000	49.6	69.2	72.3	74.9	76.8	77.3	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 1800	50.3	70.7	73.8	76.4	78.3	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 1500	52.6	74.7	78.4	82.1	84.2	84.6	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1200	53.4	77.8	82.0	86.2	88.7	89.0	89.3	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1000	53.7	78.6	83.0	87.4	90.1	90.4	90.8	91.1	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 900	53.8	78.9	83.6	88.6	91.2	91.9	92.2	92.8	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 800	53.8	79.2	84.0	89.4	92.1	93.3	94.0	94.7	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700	53.8	79.3	84.2	90.0	92.7	94.0	94.9	95.6	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	53.8	79.6	84.8	90.9	93.9	95.3	96.2	97.0	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500	54.0	79.9	85.1	91.4	94.7	96.1	97.1	98.2	98.3	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	54.0	79.9	85.1	91.4	94.7	96.1	97.2	98.6	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	54.0	79.9	85.1	91.4	94.7	96.2	97.3	98.7	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	54.0	79.9	85.1	91.4	94.7	96.2	97.3	98.7	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	54.0	79.9	85.1	91.4	94.7	96.2	97.3	98.7	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	54.0	79.9	85.1	91.4	94.7	96.2	97.3	98.7	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0366

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 67-70,73-78 (YEARS) | NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	25.8	31.4	31.9	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
≥ 20000	29.3	35.3	35.8	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 18000	29.3	35.4	35.9	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 16000	29.3	35.6	36.0	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 14000	29.8	36.0	36.4	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 12000	31.9	38.1	38.6	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 10000	33.1	39.9	40.6	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 9000	34.4	41.6	42.2	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
≥ 8000	35.6	43.2	44.0	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
≥ 7000	37.2	47.0	47.8	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
≥ 6000	38.0	48.7	49.6	50.6	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 5000	39.0	50.6	51.4	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 4500	40.9	53.3	54.2	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 4000	45.9	59.1	60.4	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 3500	48.2	62.7	64.3	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 3000	52.8	67.3	68.8	70.4	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 2500	55.1	72.6	74.6	76.4	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 2000	57.3	77.0	79.7	81.8	82.6	82.6	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.0	83.0
≥ 1800	57.4	77.8	80.8	82.9	83.7	83.8	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1500	59.1	80.3	84.1	86.8	87.7	87.8	87.9	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1200	59.6	82.0	86.2	89.6	90.6	90.8	91.3	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1000	59.7	82.9	87.2	91.1	92.4	92.8	93.6	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	59.8	83.2	87.8	92.2	93.7	94.0	94.8	95.1	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	59.9	83.3	88.0	92.8	94.3	94.8	95.8	96.1	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	60.0	83.7	88.6	93.7	95.2	95.9	97.0	97.3	97.4	97.8	97.9	97.9	98.0	98.0	98.0	98.0
≥ 600	60.0	83.7	88.6	93.7	95.3	96.0	97.1	97.4	97.6	97.9	98.0	98.0	98.1	98.1	98.1	98.1
≥ 500	60.0	83.9	88.8	94.1	96.1	97.0	98.2	98.7	98.9	99.2	99.3	99.4	99.6	99.6	99.6	99.6
≥ 400	60.1	84.0	88.9	94.2	96.2	97.1	98.3	98.8	99.0	99.3	99.4	99.6	99.7	99.7	99.7	99.7
≥ 300	60.1	84.0	88.9	94.2	96.2	97.1	98.3	98.8	99.0	99.3	99.6	99.9	100.0	100.0	100.0	100.0
≥ 200	60.1	84.0	88.9	94.2	96.2	97.1	98.3	98.8	99.0	99.3	99.8	99.9	100.0	100.0	100.0	100.0
≥ 100	60.1	84.0	88.9	94.2	96.2	97.1	98.3	98.8	99.0	99.3	99.8	99.9	100.0	100.0	100.0	100.0
0	60.1	84.0	88.9	94.2	96.2	97.1	98.3	98.8	99.0	99.3	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	31.4	35.4	36.0	36.3	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 20000	34.2	38.4	39.4	39.8	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 18000	34.2	38.4	39.4	39.8	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
> 16000	34.4	38.7	39.7	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 14000	35.3	39.2	40.2	40.6	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 12000	36.9	41.1	42.1	42.4	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 10000	37.8	42.4	43.4	43.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 9000	38.3	43.1	44.1	44.4	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 8000	40.1	45.3	46.3	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 7000	41.8	47.7	48.8	49.4	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 6000	42.7	49.3	50.6	51.2	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 5000	43.7	51.4	52.8	53.6	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 4500	46.6	55.1	56.4	57.2	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 4000	50.8	61.1	62.6	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 3500	53.7	64.9	66.3	67.6	68.0	68.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 3000	57.1	69.7	71.6	72.9	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 2500	59.1	74.1	76.0	77.6	78.2	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 2000	62.0	79.3	81.2	82.9	83.7	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1800	62.4	80.1	82.1	84.0	84.8	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1500	64.1	83.7	85.9	87.9	88.7	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1200	64.6	84.8	87.1	89.3	90.2	90.4	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1000	64.7	85.3	87.9	90.3	91.9	92.1	92.2	92.2	92.3	92.4	92.6	92.6	92.7	92.7	92.7	92.7
≥ 900	64.8	85.7	88.3	91.2	93.0	93.3	93.6	93.6	93.7	93.8	93.9	93.9	94.0	94.0	94.0	94.0
≥ 800	64.8	85.9	88.9	92.0	94.1	94.6	94.9	94.9	95.0	95.2	95.3	95.3	95.4	95.4	95.4	95.4
≥ 700	64.9	86.1	89.2	92.8	95.3	95.8	96.3	96.3	96.6	97.0	97.1	97.1	97.2	97.2	97.2	97.2
≥ 600	64.9	86.3	89.6	93.3	96.0	96.4	97.1	97.1	97.3	97.8	98.0	98.0	98.1	98.1	98.1	98.1
≥ 500	65.0	86.6	89.8	93.6	96.4	97.2	97.9	98.1	98.3	98.8	99.1	99.1	99.2	99.2	99.2	99.2
≥ 400	65.0	86.7	90.0	93.9	96.9	97.7	98.3	98.6	98.8	99.2	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	65.1	86.8	90.1	94.0	97.0	97.8	98.6	98.8	99.0	99.4	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	65.1	86.8	90.1	94.0	97.0	97.8	98.6	98.8	99.0	99.4	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	65.1	86.8	90.1	94.0	97.0	97.8	98.6	98.8	99.0	99.4	99.9	99.9	100.0	100.0	100.0	100.0
0	65.1	86.8	90.1	94.0	97.0	97.8	98.6	98.8	99.0	99.4	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0367

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 67-70,73-78 (YEARS) | NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	29.8	33.3	34.3	34.9	35.2	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.9
≥ 20000	32.1	36.6	37.6	38.2	38.6	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.2
≥ 18000	32.1	36.6	37.6	38.2	38.6	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.2
≥ 16000	32.3	36.8	37.8	38.4	38.8	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.4
≥ 14000	32.4	36.9	37.9	38.6	38.9	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.6
≥ 12000	33.7	38.1	39.1	39.8	40.1	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.8
≥ 10000	36.6	41.7	42.7	43.4	43.8	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.4
≥ 9000	37.1	42.2	43.2	44.0	44.3	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	45.0
≥ 8000	39.4	44.7	45.8	46.6	46.9	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.6
≥ 7000	41.0	46.7	47.9	48.9	49.2	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.9
≥ 6000	43.1	49.0	50.2	51.4	51.8	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.4
≥ 5000	45.4	51.9	53.0	54.3	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.3
≥ 4500	48.3	55.1	56.6	58.0	58.4	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.1
≥ 4000	52.0	59.6	61.0	62.6	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.7
≥ 3500	55.2	64.1	65.6	67.2	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.3
≥ 3000	57.2	67.6	69.0	70.8	71.3	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9	72.1
≥ 2500	59.7	71.3	73.6	75.3	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.7
≥ 2000	62.3	75.6	77.3	79.1	79.8	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.7
≥ 1800	63.6	77.3	79.1	80.9	81.6	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.4
≥ 1500	65.3	80.8	82.6	84.3	85.7	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.7
≥ 1200	67.3	83.7	85.9	87.7	89.1	89.6	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.2
≥ 1000	67.4	84.9	87.3	89.2	90.8	91.6	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.3
≥ 900	67.9	85.4	87.9	89.8	91.3	92.1	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.9
≥ 800	68.2	86.1	88.8	91.1	93.6	94.3	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.9	95.1
≥ 700	68.6	86.8	89.7	92.1	95.0	95.9	96.2	96.2	96.4	96.4	96.7	96.7	96.7	96.7	96.8	97.0
≥ 600	68.7	87.1	90.3	92.7	95.6	96.4	97.0	97.0	97.2	97.2	97.4	97.4	97.4	97.4	97.6	97.8
≥ 500	68.7	87.1	90.0	92.7	95.9	96.9	97.7	97.7	98.0	98.0	98.2	98.3	98.6	98.6	98.7	98.9
≥ 400	68.7	87.1	90.0	92.7	96.0	97.4	98.4	98.4	98.8	98.8	99.0	99.1	99.3	99.3	99.4	99.7
≥ 300	68.7	87.1	90.0	92.7	96.0	97.6	98.6	98.6	98.9	98.9	99.1	99.2	99.4	99.4	99.6	99.8
≥ 200	68.7	87.1	90.0	92.7	96.0	97.6	98.6	98.6	98.9	98.9	99.1	99.2	99.4	99.4	99.6	99.8
≥ 100	68.7	87.1	90.0	92.7	96.0	97.6	98.6	98.6	98.9	98.9	99.1	99.2	99.4	99.4	99.6	99.9
≥ 0	68.7	87.1	90.0	92.7	96.0	97.6	98.6	98.6	98.9	98.9	99.1	99.2	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	25.4	30.3	31.5	32.4	33.2	33.4	33.6	33.8	33.9	34.1	34.2	34.2	34.3	34.3	34.5	34.7
≥ 20000	27.5	32.9	34.2	35.1	35.9	36.2	36.4	36.6	36.7	36.9	37.0	37.0	37.1	37.2	37.3	37.5
≥ 18000	27.7	33.0	34.3	35.3	36.1	36.3	36.5	36.7	36.9	37.0	37.2	37.2	37.3	37.3	37.4	37.7
≥ 16000	27.7	33.1	34.4	35.3	36.2	36.4	36.6	36.8	36.9	37.1	37.2	37.3	37.3	37.4	37.5	37.7
≥ 14000	28.0	33.5	34.8	35.7	36.5	36.8	37.0	37.2	37.3	37.5	37.6	37.6	37.7	37.8	37.9	38.1
≥ 12000	29.3	34.9	36.2	37.2	38.0	38.2	38.5	38.7	38.8	39.0	39.1	39.1	39.2	39.2	39.4	39.6
≥ 10000	31.2	37.4	38.8	39.9	40.8	41.0	41.3	41.4	41.6	41.7	41.9	41.9	42.0	42.0	42.1	42.4
≥ 9000	32.1	38.7	40.1	41.2	42.0	42.2	42.5	42.7	42.8	43.0	43.1	43.1	43.2	43.3	43.4	43.6
≥ 8000	33.8	41.1	42.6	43.7	44.7	44.9	45.2	45.3	45.5	45.7	45.8	45.8	45.9	45.9	46.1	46.3
≥ 7000	35.2	43.5	45.1	46.4	47.3	47.6	47.8	48.0	48.2	48.3	48.4	48.5	48.5	48.6	48.7	48.9
≥ 6000	36.6	45.5	47.2	48.6	49.6	49.9	50.2	50.3	50.5	50.6	50.8	50.8	50.9	50.9	51.0	51.3
≥ 5000	38.4	48.0	49.7	51.3	52.4	52.7	52.9	53.1	53.3	53.4	53.5	53.6	53.6	53.7	53.8	54.0
≥ 4500	40.4	50.7	52.6	54.2	55.3	55.6	55.9	56.1	56.2	56.4	56.5	56.5	56.6	56.6	56.8	57.0
≥ 4000	43.6	55.3	57.3	59.1	60.3	60.6	60.9	61.1	61.3	61.4	61.5	61.6	61.6	61.7	61.8	62.0
≥ 3500	46.4	59.1	61.2	63.0	64.3	64.6	64.9	65.2	65.3	65.5	65.6	65.6	65.7	65.7	65.9	66.1
≥ 3000	49.1	62.9	65.2	67.2	68.6	68.9	69.3	69.6	69.7	69.9	70.0	70.1	70.1	70.2	70.3	70.6
≥ 2500	51.3	66.3	69.0	71.2	72.8	73.2	73.6	73.8	74.0	74.2	74.3	74.3	74.4	74.5	74.6	74.8
≥ 2000	53.4	69.8	72.7	75.2	76.9	77.4	77.8	78.1	78.3	78.5	78.7	78.7	78.8	78.8	78.9	79.2
≥ 1800	54.0	71.3	74.0	76.5	78.3	78.8	79.3	79.6	79.8	80.0	80.1	80.2	80.2	80.3	80.4	80.7
≥ 1500	56.3	74.5	77.9	80.7	82.6	83.3	83.8	84.1	84.3	84.5	84.7	84.7	84.8	84.8	85.0	85.2
≥ 1200	57.0	76.8	80.5	83.6	85.8	86.5	87.1	87.5	87.7	88.0	88.1	88.2	88.3	88.3	88.4	88.7
≥ 1000	57.3	77.9	81.9	85.3	87.7	88.5	89.2	89.6	89.9	90.2	90.3	90.3	90.5	90.5	90.7	90.9
≥ 900	57.5	78.4	82.6	86.4	89.0	89.9	90.6	91.1	91.3	91.6	91.8	91.8	92.0	92.0	92.2	92.4
≥ 800	57.6	78.8	83.2	87.4	90.4	91.4	92.3	92.8	93.0	93.4	93.6	93.6	93.8	93.8	94.0	94.2
≥ 700	57.7	79.2	83.7	88.2	91.4	92.5	93.6	94.1	94.4	94.8	95.1	95.1	95.3	95.3	95.5	95.7
≥ 600	57.7	79.4	84.0	88.8	92.2	93.4	94.6	95.2	95.5	95.9	96.1	96.2	96.3	96.4	96.5	96.8
≥ 500	57.7	79.5	84.1	89.0	92.7	94.2	95.6	96.3	96.7	97.3	97.5	97.6	97.8	97.9	98.0	98.3
≥ 400	57.7	79.5	84.2	89.1	92.8	94.5	96.0	96.8	97.2	97.8	98.1	98.2	98.4	98.4	98.6	98.8
≥ 300	57.8	79.5	84.2	89.1	92.8	94.5	96.1	97.0	97.5	98.2	98.7	98.8	99.0	99.0	99.2	99.4
≥ 200	57.8	79.5	84.2	89.1	92.8	94.5	96.1	97.0	97.5	98.3	98.8	98.9	99.1	99.2	99.3	99.6
≥ 100	57.8	79.5	84.2	89.1	92.8	94.5	96.1	97.0	97.6	98.3	98.8	99.0	99.2	99.2	99.5	100.0
≥ 0	57.8	79.5	84.2	89.1	92.8	94.5	96.1	97.0	97.6	98.3	98.8	99.0	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0068

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.3	33.5	33.9	34.1	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 20000	31.7	35.1	35.4	35.6	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 18000	31.7	35.1	35.4	35.6	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 16000	31.8	35.2	35.5	35.7	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 14000	32.3	35.6	35.9	36.1	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 12000	32.9	36.3	36.7	36.9	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 10000	35.4	38.9	39.2	39.5	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 9000	36.6	40.2	40.5	40.8	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 8000	38.7	42.8	43.1	43.3	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 7000	41.3	46.2	46.6	46.8	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 6000	42.9	48.7	49.2	49.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 5000	44.8	51.2	51.9	52.2	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 4500	46.7	53.8	54.6	54.9	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 4000	48.3	55.5	56.3	56.7	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 3500	50.2	58.2	59.6	59.9	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 3000	52.2	61.6	63.4	63.8	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 2500	57.2	68.0	70.0	70.3	71.3	71.3	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 2000	60.1	71.8	74.2	74.8	76.1	76.1	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 1800	61.3	73.5	75.9	76.6	77.8	77.8	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 1500	63.5	76.9	79.4	80.1	81.8	81.8	82.3	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1200	64.9	79.0	81.8	82.8	84.7	84.7	85.2	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1000	65.6	80.5	83.5	84.6	86.7	86.7	87.2	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 900	65.9	81.8	84.9	86.1	88.4	88.4	88.9	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 800	65.9	82.2	85.7	87.2	89.7	89.7	90.2	90.6	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 700	65.9	82.5	86.3	88.3	91.2	91.5	92.2	92.6	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1
≥ 600	65.9	82.8	86.9	88.9	92.2	92.6	93.3	93.8	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3
≥ 500	66.0	82.9	87.0	89.1	92.9	93.7	94.6	95.2	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.8
≥ 400	66.0	82.9	87.0	89.2	93.0	94.0	95.5	96.0	96.2	96.7	97.0	97.0	97.0	97.0	97.0	97.0
≥ 300	66.0	82.9	87.0	89.5	93.2	94.3	96.0	96.9	97.1	97.8	98.5	98.5	98.9	98.9	99.0	99.0
≥ 200	66.0	82.9	87.0	89.5	93.2	94.3	96.0	97.0	97.3	98.2	98.9	98.9	99.5	99.5	99.6	99.7
≥ 100	66.0	82.9	87.0	89.5	93.2	94.3	96.0	97.0	97.3	98.3	99.0	99.0	99.6	99.7	99.8	100.0
≥ 0	66.0	82.9	87.0	89.5	93.2	94.3	96.0	97.0	97.3	98.3	99.0	99.0	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 67-70,73-78 (YEARS) | DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.0	34.4	34.8	36.3	36.6	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 20000	30.8	35.3	35.7	37.2	37.4	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 18000	30.9	35.4	35.8	37.3	37.5	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 16000	30.9	35.4	35.8	37.3	37.5	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 14000	31.2	35.7	36.1	37.6	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 12000	32.2	36.7	37.1	38.8	39.0	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 10000	34.3	39.0	39.5	41.2	41.4	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 9000	34.8	40.0	40.4	42.2	42.4	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 8000	36.9	42.5	42.9	44.6	44.8	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 7000	39.2	45.3	45.9	47.7	48.0	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 6000	40.6	47.6	48.3	50.2	50.4	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 5000	42.3	49.2	50.0	52.0	52.4	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 4500	43.5	50.9	51.6	54.0	54.3	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 4000	45.2	53.2	54.1	56.6	56.9	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 3500	46.5	54.9	56.0	58.5	58.9	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 3000	49.4	58.7	59.9	62.5	62.9	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 2500	54.0	64.4	65.9	68.6	69.1	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 2000	56.8	68.1	69.7	72.4	73.0	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 1800	57.7	69.1	70.8	73.4	74.1	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 1500	59.8	73.1	74.9	77.7	78.4	79.1	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1200	62.7	78.3	79.8	82.7	83.4	84.3	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1000	63.1	79.2	81.7	84.7	85.8	86.8	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 900	64.0	80.6	83.7	86.9	88.1	89.1	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 800	64.1	81.0	84.1	87.3	88.9	90.0	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 700	64.3	81.6	84.	8[illegible].4	90.6	91.8	93.1	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 600	64.4	82.3	85.8	89.6	91.9	93.1	94.7	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500	64.5	82.7	86.3	90.2	93.1	94.6	96.3	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 400	64.5	82.8	86.5	90.4	93.4	95.1	96.8	97.4	97.5	97.7	98.0	98.0	98.1	98.1	98.1	98.2
≥ 300	64.5	82.8	86.5	90.5	93.7	95.4	97.4	98.1	98.2	98.4	98.8	98.8	99.0	99.0	99.0	99.1
≥ 200	64.5	82.8	86.5	90.5	93.7	95.4	97.4	98.1	98.2	98.5	99.1	99.1	99.6	99.7	99.8	99.9
≥ 100	64.5	82.8	86.5	90.5	93.7	95.4	97.4	98.1	98.2	98.5	99.1	99.1	99.6	99.7	99.8	99.9
≥ 0	64.5	82.8	86.5	90.5	93.7	95.4	97.4	98.1	98.2	98.5	99.1	99.1	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0369

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 67-70,73-78 (YEARS) | DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	24.6	29.2	30.8	31.8	32.7	33.0	33.2	33.3	33.3	33.5	33.5	33.7	33.8	33.8	33.8	33.8
≥ 20000	25.5	30.2	31.7	32.9	33.8	34.1	34.3	34.4	34.4	34.6	34.6	34.7	34.8	34.8	34.8	34.8
≥ 18000	25.5	30.2	31.7	32.9	33.8	34.1	34.3	34.4	34.4	34.6	34.6	34.7	34.8	34.8	34.8	34.8
≥ 16000	25.6	30.3	31.8	33.0	33.9	34.2	34.4	34.5	34.5	34.7	34.7	34.8	34.9	34.9	34.9	34.9
≥ 14000	25.6	30.3	31.8	33.0	33.9	34.2	34.4	34.5	34.5	34.7	34.7	34.8	34.9	34.9	34.9	34.9
≥ 12000	25.9	30.6	32.2	33.5	34.5	34.8	35.2	35.3	35.3	35.5	35.5	35.6	35.7	35.7	35.7	35.7
≥ 10000	28.2	33.2	34.9	36.3	37.3	37.7	38.2	38.3	38.3	38.5	38.5	38.6	38.7	38.7	38.7	38.7
≥ 9000	28.8	34.2	36.0	37.4	38.4	38.8	39.2	39.4	39.4	39.6	39.6	39.7	39.8	39.8	39.8	39.8
≥ 8000	31.3	37.8	39.7	41.1	42.0	42.5	42.9	43.0	43.0	43.2	43.2	43.3	43.4	43.4	43.4	43.4
≥ 7000	33.1	40.1	41.9	43.3	44.3	44.7	45.2	45.3	45.3	45.5	45.5	45.6	45.7	45.7	45.7	45.7
≥ 6000	34.1	41.9	43.9	45.3	46.2	46.7	47.1	47.2	47.2	47.4	47.4	47.5	47.6	47.6	47.6	47.6
≥ 5000	35.9	44.4	46.6	48.2	49.1	49.6	50.1	50.2	50.2	50.4	50.4	50.5	50.6	50.6	50.6	50.6
≥ 4500	37.1	46.0	48.2	50.0	51.2	51.6	52.2	52.3	52.3	52.5	52.5	52.6	52.7	52.7	52.7	52.7
≥ 4000	38.2	47.6	50.0	51.8	53.0	53.5	54.1	54.2	54.2	54.4	54.4	54.5	54.6	54.6	54.6	54.6
≥ 3500	38.9	48.7	51.2	53.1	54.5	55.1	55.6	55.7	55.7	55.9	55.9	56.0	56.1	56.1	56.1	56.1
≥ 3000	41.5	52.4	55.2	57.4	58.9	59.5	60.0	60.1	60.1	60.3	60.3	60.4	60.5	60.5	60.5	60.5
≥ 2500	44.3	57.8	60.9	63.3	64.9	65.5	66.0	66.1	66.1	66.3	66.3	66.5	66.6	66.6	66.6	66.6
≥ 2000	48.1	63.0	66.2	68.8	70.5	71.3	71.8	71.9	71.9	72.2	72.2	72.3	72.4	72.4	72.4	72.4
≥ 1800	49.1	64.8	68.3	70.9	72.7	73.4	74.0	74.1	74.1	74.3	74.3	74.4	74.6	74.6	74.6	74.6
≥ 1500	51.3	68.9	72.9	75.6	77.6	78.4	78.9	79.1	79.2	79.6	79.7	79.8	80.0	80.0	80.0	80.0
≥ 1200	53.9	72.2	76.5	79.4	81.4	82.2	82.8	83.2	83.3	83.7	83.8	83.9	84.1	84.1	84.1	84.1
≥ 1000	54.7	74.6	79.4	82.6	85.1	85.8	86.5	86.9	87.0	87.4	87.5	87.6	87.8	87.8	87.8	87.8
≥ 900	54.8	75.5	80.2	83.8	86.2	87.0	87.6	88.3	88.5	89.0	89.2	89.4	89.6	89.6	89.6	89.6
≥ 800	55.2	76.7	81.6	85.4	88.4	89.1	89.8	90.5	90.8	91.3	91.5	91.6	91.9	91.9	91.9	91.9
≥ 700	55.4	77.1	82.0	86.1	89.6	90.3	91.0	91.9	92.2	92.7	92.9	93.0	93.3	93.3	93.3	93.3
≥ 600	55.4	77.8	82.9	87.1	90.9	91.6	92.4	93.3	93.5	94.1	94.3	94.4	94.8	94.8	94.8	94.8
≥ 500	55.4	78.2	83.3	87.8	91.7	93.0	94.1	95.3	95.6	96.2	96.7	96.8	97.2	97.2	97.2	97.2
≥ 400	55.4	78.3	83.4	88.0	91.9	93.3	94.5	95.9	96.3	97.1	97.5	97.6	98.3	98.3	98.3	98.3
≥ 300	55.4	78.3	83.4	88.0	91.9	93.4	94.6	96.0	96.7	97.6	98.1	98.3	98.9	98.9	98.9	98.9
≥ 200	55.4	78.3	83.4	88.0	91.9	93.4	94.6	96.1	96.9	97.8	98.3	98.6	99.4	99.4	99.4	99.5
≥ 100	55.4	78.3	83.4	88.0	91.9	93.4	94.6	96.1	96.9	97.8	98.4	98.8	99.6	99.6	99.7	100.0
≥ 0	55.4	78.3	83.4	88.0	91.9	93.4	94.6	96.1	96.9	97.8	98.4	98.8	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	21.1	26.7	28.4	29.4	30.3	30.6	31.0	31.1	31.1	31.2	31.2	31.2	31.3	31.3	31.4	31.4
≥ 20000	22.3	28.2	29.9	31.0	32.0	32.4	32.7	32.8	32.8	32.9	32.9	32.9	33.0	33.0	33.1	33.1
≥ 18000	22.4	28.3	30.1	31.2	32.3	32.6	32.9	33.0	33.0	33.1	33.1	33.1	33.2	33.2	33.3	33.3
≥ 16000	22.4	28.3	30.1	31.2	32.3	32.6	32.9	33.0	33.0	33.1	33.1	33.1	33.2	33.2	33.3	33.3
≥ 14000	22.6	28.8	30.6	31.7	32.9	33.2	33.7	33.8	33.8	33.9	33.9	33.9	34.0	34.0	34.1	34.1
≥ 12000	24.1	30.6	32.5	33.5	34.7	35.1	35.6	35.7	35.7	35.8	35.8	35.8	35.9	35.9	36.0	36.0
≥ 10000	25.3	32.6	34.4	35.5	36.8	37.1	37.7	37.8	37.8	38.0	38.0	38.0	38.1	38.1	38.2	38.2
≥ 9000	25.4	33.1	35.1	36.2	37.5	37.8	38.5	38.7	38.7	38.8	38.8	38.8	38.9	38.9	39.0	39.0
≥ 8000	26.0	35.9	38.1	39.2	40.5	40.9	41.5	41.7	41.7	41.8	41.8	41.8	41.9	41.9	42.0	42.0
≥ 7000	27.8	38.3	40.6	41.9	43.5	43.9	44.5	44.7	44.7	44.8	44.8	44.8	44.9	44.9	45.1	45.1
≥ 6000	29.6	40.4	42.8	44.1	45.9	46.3	47.0	47.2	47.2	47.3	47.3	47.3	47.4	47.4	47.5	47.5
≥ 5000	31.8	42.9	45.5	47.4	49.5	49.9	50.6	50.9	50.9	51.0	51.0	51.0	51.1	51.1	51.2	51.2
≥ 4500	32.0	43.4	46.1	48.4	50.4	51.0	51.7	51.9	51.9	52.0	52.0	52.0	52.2	52.2	52.3	52.3
≥ 4000	32.8	44.7	47.6	50.0	52.0	52.6	53.3	53.5	53.5	53.7	53.7	53.7	53.8	53.8	53.9	53.9
≥ 3500	33.7	46.3	48.9	51.3	53.4	54.1	54.8	55.1	55.1	55.2	55.2	55.2	55.3	55.3	55.4	55.4
≥ 3000	36.3	49.7	52.7	55.1	57.4	58.2	58.9	59.1	59.1	59.2	59.2	59.4	59.5	59.5	59.6	59.6
≥ 2500	39.4	55.3	58.4	61.4	64.0	64.7	65.5	65.7	65.7	65.8	65.8	65.9	66.0	66.0	66.1	66.1
≥ 2000	43.1	60.8	64.0	67.0	69.7	70.4	71.2	71.4	71.4	71.5	71.5	71.6	71.8	71.8	72.0	72.0
≥ 1800	43.7	62.2	65.4	68.7	71.5	72.3	73.1	73.4	73.4	73.5	73.5	73.7	73.9	73.9	74.1	74.1
≥ 1500	45.6	65.3	68.9	72.3	75.3	76.1	77.1	77.4	77.4	77.5	77.5	77.6	77.8	77.8	78.1	78.1
≥ 1200	46.9	67.7	71.6	75.3	78.6	79.5	80.5	81.0	81.0	81.3	81.4	81.5	81.7	81.7	81.9	81.9
≥ 1000	46.7	69.4	74.1	78.2	81.8	82.8	84.2	84.7	84.8	85.2	85.6	85.7	85.9	85.9	86.1	86.1
≥ 900	46.8	69.8	74.6	78.8	82.8	83.8	85.4	85.9	86.0	86.3	86.8	86.9	87.2	87.2	87.4	87.4
≥ 800	46.8	71.2	76.3	80.8	85.6	86.8	88.6	89.6	89.7	90.0	90.4	90.5	90.9	90.9	91.1	91.1
≥ 700	46.8	71.9	77.2	81.9	86.9	88.5	90.4	91.5	91.6	92.0	92.6	92.7	93.0	93.0	93.2	93.2
≥ 600	46.8	72.3	77.5	82.5	87.8	89.7	91.9	93.0	93.2	93.7	94.2	94.3	94.6	94.6	94.8	94.8
≥ 500	46.8	72.3	77.7	82.7	88.1	90.0	92.7	94.4	94.7	95.2	96.0	96.1	96.5	96.5	96.7	96.7
≥ 400	46.8	72.3	77.7	82.7	88.1	90.1	92.9	95.4	96.0	96.8	98.0	98.2	98.5	98.6	98.8	98.8
≥ 300	46.8	72.3	77.7	82.7	88.1	90.1	92.9	95.4	96.1	97.0	98.4	98.7	99.0	99.4	99.7	99.8
≥ 200	46.8	72.3	77.7	82.7	88.1	90.1	92.9	95.5	96.2	97.1	98.6	98.9	99.2	99.6	99.9	100.0
≥ 100	46.8	72.3	77.7	82.7	88.1	90.1	92.9	95.5	96.2	97.1	98.6	98.9	99.2	99.6	99.9	100.0
≥ 0	46.8	72.3	77.7	82.7	88.1	90.1	92.9	95.5	96.2	97.1	98.6	98.9	99.2	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0370

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1384L (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-79 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	24.5	30.5	31.3	31.7	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 20000	26.5	32.7	33.5	34.0	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 18000	26.5	32.8	33.7	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 16000	26.5	32.8	33.7	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 14000	26.7	33.1	34.0	34.4	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 12000	27.7	34.9	35.8	36.2	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 10000	29.7	37.5	38.6	39.2	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 9000	29.9	38.5	39.6	40.3	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 8000	31.6	41.0	42.2	42.9	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 7000	32.4	41.8	43.2	44.3	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 6000	33.1	42.3	44.5	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 5000	34.6	44.8	46.6	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 4500	35.6	46.1	48.0	49.1	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 4000	36.3	47.6	49.9	51.2	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 3500	37.7	49.7	51.9	53.5	54.4	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 3000	40.1	53.9	56.2	58.2	59.0	59.1	59.2	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8
≥ 2500	45.6	60.4	62.9	65.4	66.5	66.7	66.8	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
≥ 2000	49.6	66.0	68.7	71.3	72.6	72.8	72.9	73.4	73.4	73.4	73.5	73.5	73.8	73.8	73.8	73.8
≥ 1800	51.0	68.0	70.9	73.5	74.8	75.1	75.2	75.7	75.7	75.7	75.8	75.8	76.0	76.0	76.0	76.0
≥ 1500	52.5	71.2	74.4	77.2	78.6	78.8	79.0	79.6	79.7	79.7	79.8	79.8	80.0	80.0	80.0	80.0
≥ 1200	53.9	74.3	78.0	81.5	83.4	83.7	83.9	84.7	84.8	84.8	85.1	85.1	85.3	85.3	85.3	85.3
≥ 1000	54.0	75.3	79.2	83.1	85.5	85.9	86.5	87.6	87.7	87.8	88.1	88.1	88.3	88.3	88.3	88.3
≥ 900	54.3	76.1	80.2	84.4	87.4	88.0	88.5	89.7	89.8	89.9	90.2	90.2	90.4	90.4	90.4	90.4
≥ 800	54.9	77.3	81.7	85.9	89.4	89.9	90.6	92.3	92.4	92.6	92.9	93.0	93.2	93.2	93.2	93.2
≥ 700	55.1	77.4	81.9	86.5	90.1	90.8	91.5	93.4	93.5	93.8	94.1	94.2	94.4	94.4	94.4	94.4
≥ 600	55.1	78.1	82.6	87.2	91.2	91.8	92.9	94.9	95.2	95.4	95.7	95.8	96.0	96.0	96.0	96.0
≥ 500	55.1	78.2	82.8	87.6	92.0	92.9	94.3	96.6	96.9	97.1	97.5	97.6	97.8	97.8	97.8	97.8
≥ 400	55.1	78.2	82.8	87.6	92.2	93.0	94.5	97.4	98.4	98.6	99.0	99.1	99.5	99.5	99.5	99.5
≥ 300	55.1	78.2	82.8	87.6	92.3	93.1	94.6	97.6	98.6	98.8	99.4	99.6	100.0	100.0	100.0	100.0
≥ 200	55.1	78.2	82.8	87.6	92.3	93.1	94.6	97.6	98.6	98.8	99.4	99.6	100.0	100.0	100.0	100.0
≥ 100	55.1	78.2	82.8	87.6	92.3	93.1	94.6	97.6	98.6	98.8	99.4	99.6	100.0	100.0	100.0	100.0
≥ 0	55.1	78.2	82.8	87.6	92.3	93.1	94.6	97.6	98.6	98.8	99.4	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15840 | WRIGHT-PATTERSON AFB OH | 67-70,73-78 | DEC
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	[illegible]	≥2	[illegible]	≥1¼	≥1	≥¾	≥½	≥7/16	≥¼	≥0
NO CEILING	26.8	31.4	31.7	31.7	31.8	31.8	31.8	31.8	31.	31.8	31.8	31.8	31.8	31.8	31.8	31.8
≥ 20000	28.4	33.5	34.4	34.4	34.5	34.5	34.5	34.5	34.	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 18000	28.4	34.1	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 16000	28.4	34.5	34.7	34.7	34.8	34.8	34.8	34.8	34.8	34.	34.8	34.8	34.8	34.8	34.8	34.8
≥ 14000	28.6	34.8	35.5	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 12000	28.8	36.2	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 10000	32.6	40.3	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 9000	33.0	41.3	42.2	42.0	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 8000	34.1	43.1	44.5	44.2	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 7000	34.4	44.2	46.1	45.5	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 6000	35.7	45.4	46.3	46.7	47.	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 5000	37.2	47.6	48.6	49.0	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 4500	38.1	48.7	49.7	50.1	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 4000	39.3	51.1	52.3	52.6	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 3500	43.6	52.8	54.1	54.7	55.6	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 3000	44.1	57.1	58.7	59.5	60.5	60.6	60.8	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0
≥ 2500	47.4	61.4	63.7	64.9	66.3	66.5	66.7	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0
≥ 2000	52.5	66.8	68.4	70.2	72.3	72.4	72.6	72.8	72.9	73.0	73.1	73.1	73.2	73.2	73.2	73.2
≥ 1800	53.3	68.3	70.0	72.7	74.8	74.9	75.3	75.4	75.5	75.6	75.8	75.8	75.9	75.9	75.9	75.9
≥ 1500	54.2	73.0	76.1	78.4	81.2	81.3	81.7	82.3	82.4	82.6	82.9	82.9	83.0	83.0	83.0	83.0
≥ 1200	54.7	75.5	79.0	82.7	86.2	86.5	87.0	87.6	87.7	88.0	88.5	88.5	88.6	88.6	88.6	88.6
≥ 1000	55.1	76.3	80.9	84.2	88.3	89.9	89.5	90.1	90.2	90.4	91.0	91.0	91.2	91.2	91.2	91.2
≥ 900	55.3	76.9	81.6	85.2	89.7	90.4	91.0	91.6	91.7	91.9	92.5	92.5	92.7	92.7	92.7	92.7
≥ 800	55.3	77.3	82.3	86.2	91.0	91.8	92.6	93.5	93.7	93.9	94.4	94.4	94.7	94.7	94.7	94.7
≥ 700	55.4	77.8	83.1	87.1	91.9	93.0	93.9	94.8	94.9	95.2	95.7	95.7	96.0	96.0	96.0	96.0
≥ 600	55.4	77.8	83.4	87.7	92.7	94.0	94.8	95.9	96.	96.2	97.0	97.0	97.3	97.3	97.3	97.3
≥ 500	55.4	78.5	84.1	88.4	93.4	94.7	95.8	97.2	97.3	97.5	98.4	98.4	98.7	98.7	98.7	98.7
≥ 400	55.4	78.7	84.3	88.6	93.8	95.2	96.3	97.8	98.1	98.4	99.2	99.2	99.6	99.6	99.6	99.6
≥ 300	55.4	78.7	84.3	88.6	93.8	95.2	96.3	98.0	98.1	98.5	99.4	99.4	99.7	99.8	99.8	99.8
≥ ZERO	55.4	78.7	84.3	88.6	93.8	95.2	96.3	98.0	98.1	98.5	99.4	99.4	99.7	99.8	99.8	99.9
≥ 100	55.4	78.7	84.3	88.6	93.8	95.2	96.3	98.0	98.1	98.5	99.4	99.4	99.7	99.8	99.9	100.0
≥ 0	55.4	78.7	84.3	88.6	93.8	95.2	96.3	98.0	98.1	98.5	99.4	99.4	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 933

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0371

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 67-70,73-78 (YEARS) | DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	31.5	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 20000	33.3	36.6	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 18000	33.3	36.6	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 16000	33.3	36.6	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 14000	33.3	36.9	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 12000	34.8	38.8	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
≥ 10000	36.5	40.7	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 9000	37.4	41.8	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 8000	39.3	44.4	45.3	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 7000	41.2	47.2	48.1	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 6000	42.9	48.7	49.7	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 5000	43.9	51.1	52.2	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 4500	44.5	51.7	52.8	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 4000	45.9	53.9	55.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 3500	47.6	56.8	58.5	59..	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 3000	51.2	61.1	62.8	63.9	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 2500	53.6	65.2	67.1	68.8	69.4	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 2000	56.6	69.5	71.8	73.7	74.8	74.9	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 1800	57.7	71.2	73.5	75.5	76.6	76.7	77.3	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 1500	60.1	75.8	78.4	81.4	82.9	83.1	83.7	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1200	61.3	78.9	81.9	85.2	87.1	87.5	88.3	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1000	61.5	79.5	83.1	86.6	88.6	89.3	90.2	90.4	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 900	61.6	80.3	84.1	87.8	89.9	90.6	91.5	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.3	92.0
≥ 800	61.6	81.0	85.0	88.9	91.4	92.2	93.1	93.4	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 700	61.7	81.5	85.5	89.4	92.2	93.6	94.6	94.9	94.9	95.3	95.3	95.3	95.5	95.5	95.5	95.5
≥ 600	61.7	81.6	85.6	89.5	92.8	94.2	95.3	95.8	95.8	96.2	96.2	96.3	96.6	96.6	96.6	96.6
≥ 500	61.7	81.7	85.9	90.2	93.6	95.3	96.8	97.5	97.6	98.1	98.1	98.2	98.4	98.4	98.4	98.4
≥ 400	61.7	81.7	85.9	90.2	93.8	95.5	97.1	98.2	98.3	98.9	98.9	99.0	99.2	99.2	99.2	99.2
≥ 300	61.7	81.7	85.9	90.2	93.8	95.5	97.1	98.3	98.4	99.1	99.1	99.2	99.7	99.7	99.7	99.7
≥ 200	61.7	81.7	85.9	90.2	93.8	95.5	97.1	98.3	98.4	99.1	99.1	99.2	99.7	99.7	99.7	99.7
≥ 100	61.7	81.7	85.9	90.2	93.8	95.5	97.1	98.3	98.4	99.1	99.1	99.2	99.7	99.7	99.8	100.0
≥ 0	61.7	81.7	85.9	90.2	93.8	95.5	97.1	98.3	98.4	99.1	99.1	99.2	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 928

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-76 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	28.8	31.5	31.6	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
≥ 20000	30.1	33.2	33.3	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 18000	30.1	33.2	33.3	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 16000	30.1	33.2	33.3	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 14000	30.5	33.7	33.9	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 12000	31.5	34.7	34.8	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
≥ 10000	34.7	38.4	38.5	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
≥ 9000	35.8	39.5	39.6	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
≥ 8000	37.9	42.1	42.3	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 7000	40.6	45.1	45.4	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 6000	42.9	47.9	48.3	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 5000	43.8	50.1	50.5	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 4500	46.1	52.5	53.1	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 4000	48.8	55.4	56.3	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 3500	51.1	58.6	59.7	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 3000	54.0	62.8	63.9	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 2500	58.6	68.7	70.3	70.8	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 2000	62.6	74.6	76.1	77.0	77.5	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 1800	64.0	76.6	78.0	79.0	79.5	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.6	79.8	79.8
≥ 1500	66.1	80.2	81.7	83.0	84.0	84.1	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1200	67.2	82.3	83.8	85.4	86.7	86.8	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1000	67.4	83.5	85.3	87.2	88.9	89.0	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 900	67.9	84.6	86.7	88.8	90.6	90.7	91.0	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 800	68.1	85.1	87.5	89.6	91.9	92.0	92.3	92.3	92.3	92.4	92.7	92.8	92.8	92.8	92.8	92.8
≥ 700	68.1	85.4	87.8	90.2	92.6	93.3	93.6	93.6	93.6	93.7	94.0	94.1	94.1	94.1	94.1	94.1
≥ 600	68.1	85.7	88.1	90.6	93.2	94.1	94.4	94.4	94.5	94.6	94.8	94.9	94.9	94.9	94.9	94.9
≥ 500	68.2	86.2	89.0	91.9	95.0	95.9	96.3	96.4	96.8	97.0	97.2	97.3	97.3	97.3	97.3	97.3
≥ 400	68.2	86.2	89.0	91.9	95.3	96.1	96.8	97.1	97.6	98.0	98.2	98.3	98.4	98.4	98.4	98.4
≥ 300	68.2	86.2	89.0	91.9	95.3	96.2	97.0	97.5	98.2	98.6	99.0	99.1	99.2	99.2	99.4	99.4
≥ 200	68.2	86.2	89.0	91.9	95.3	96.2	97.0	97.5	98.3	98.8	99.4	99.5	99.8	99.8	99.9	99.9
≥ 100	68.2	86.2	89.0	91.9	95.3	96.2	97.0	97.5	98.3	98.9	99.5	99.6	99.9	99.9	100.0	100.0
≥ 0	68.2	86.2	89.0	91.9	95.3	96.2	97.0	97.5	98.3	98.9	99.5	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3/12

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	27.2	31.4	32.1	32.7	33.0	33.1	33.2	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 20000	28.6	33.1	33.9	34.5	34.9	35.0	35.1	35.1	35.1	35.1	35.1	35.2	35.2	35.2	35.2	35.2
≥ 18000	28.6	33.2	33.9	34.6	35.0	35.1	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.3	35.3
≥ 16000	28.6	33.2	34.0	34.6	35.0	35.1	35.2	35.2	35.2	35.2	35.2	35.3	35.3	35.3	35.3	35.3
≥ 14000	28.8	33.6	34.4	35.0	35.4	35.5	35.6	35.6	35.6	35.6	35.6	35.7	35.7	35.7	35.7	35.7
≥ 12000	29.8	34.9	35.7	36.3	36.7	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1
≥ 10000	32.1	37.6	38.4	39.1	39.6	39.7	39.9	39.9	39.9	39.9	39.9	39.9	40.0	40.0	40.0	40.0
≥ 9000	32.7	38.6	39.5	40.2	40.7	40.8	40.9	41.0	41.0	41.0	41.0	41.0	41.1	41.1	41.1	41.1
≥ 8000	34.6	41.2	42.2	43.0	43.5	43.6	43.8	43.8	43.8	43.8	43.8	43.9	43.9	43.9	43.9	43.9
≥ 7000	36.3	43.5	44.6	45.5	46.1	46.2	46.4	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 6000	37.6	45.4	46.6	47.6	48.2	48.3	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 5000	39.3	47.7	49.0	50.1	50.7	50.9	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 4500	40.4	49.1	50.5	51.8	52.5	52.6	52.8	52.9	52.9	52.9	52.9	52.9	53.0	53.0	53.0	53.0
≥ 4000	41.8	51.1	52.8	54.1	54.8	55.0	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 3500	43.3	53.2	55.1	56.4	57.2	57.4	57.6	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8
≥ 3000	46.2	57.1	59.1	60.6	61.5	61.8	62.0	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.3	62.3
≥ 2500	50.0	62.6	64.9	66.7	67.8	68.2	68.5	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7
≥ 2000	53.4	67.5	69.9	71.9	73.3	73.7	74.0	74.2	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.4
≥ 1800	54.5	69.2	71.7	73.8	75.2	75.6	76.0	76.2	76.2	76.3	76.3	76.3	76.4	76.4	76.4	76.4
≥ 1500	56.6	73.0	75.8	78.2	80.0	80.3	80.8	81.1	81.2	81.3	81.4	81.4	81.5	81.5	81.5	81.5
≥ 1200	58.1	76.0	79.1	81.9	84.0	84.4	85.0	85.3	85.4	85.5	85.7	85.7	85.8	85.8	85.8	85.8
≥ 1000	58.5	77.3	80.9	83.9	86.3	86.9	87.6	88.0	88.1	88.3	88.5	88.5	88.6	88.6	88.6	88.6
≥ 900	58.8	78.2	82.0	85.2	87.9	88.5	89.3	89.7	89.8	90.0	90.2	90.2	90.4	90.4	90.4	90.4
≥ 800	59.0	79.2	83.0	86.4	89.5	90.2	91.0	91.7	91.8	92.0	92.2	92.3	92.4	92.4	92.5	92.5
≥ 700	59.1	79.4	83.6	87.2	90.6	91.6	92.5	93.3	93.4	93.7	93.9	94.0	94.1	94.1	94.2	94.2
≥ 600	59.1	79.8	84.1	87.9	91.6	92.6	93.7	94.5	94.7	94.9	95.2	95.3	95.5	95.5	95.5	95.5
≥ 500	59.1	80.1	84.5	88.5	92.5	93.8	95.1	96.2	96.4	96.7	97.1	97.1	97.3	97.3	97.4	97.4
≥ 400	59.1	80.1	84.6	88.6	92.7	94.0	95.5	96.9	97.3	97.8	98.2	98.3	98.6	98.6	98.6	98.6
≥ 300	59.1	80.1	84.6	88.6	92.7	94.1	95.7	97.2	97.7	98.2	98.8	99.0	99.3	99.4	99.4	99.5
≥ 200	59.1	80.1	84.6	88.6	92.7	94.1	95.7	97.3	97.7	98.4	99.0	99.2	99.6	99.7	99.8	99.8
≥ 100	59.1	80.1	84.6	88.6	92.7	94.1	95.7	97.3	97.7	98.4	99.1	99.2	99.7	99.7	99.9	100.0
≥ 0	59.1	80.1	84.6	88.6	92.7	94.1	95.7	97.3	97.7	98.4	99.1	99.2	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7435

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13640 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 67-70,73-79 (YEARS) | ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.3	42.3	44.2	45.7	46.9	47.3	47.7	48.1	48.2	48.3	48.3	48.4	48.4	48.4	48.5	48.6
≥ 20000	35.3	45.8	48.0	49.7	51.0	51.5	52.0	52.3	52.4	52.5	52.6	52.6	52.7	52.7	52.8	52.8
≥ 18000	35.4	46.0	48.2	49.9	51.2	51.7	52.1	52.5	52.6	52.7	52.8	52.8	52.9	52.9	52.9	53.0
≥ 16000	35.5	46.1	48.3	50.0	51.3	51.8	52.3	52.6	52.7	52.8	52.9	52.9	53.0	53.0	53.1	53.1
≥ 14000	35.9	46.6	48.9	50.5	51.9	52.4	52.8	53.2	53.3	53.4	53.5	53.5	53.6	53.6	53.7	53.7
≥ 12000	36.9	47.9	50.2	52.0	53.4	53.9	54.4	54.8	54.9	55.0	55.1	55.1	55.2	55.2	55.2	55.3
≥ 10000	38.7	50.8	53.3	55.2	56.7	57.3	57.8	58.2	58.3	58.4	58.5	58.5	58.6	58.6	58.6	58.7
≥ 9000	39.4	51.7	54.3	56.3	57.8	58.4	58.9	59.3	59.4	59.5	59.6	59.6	59.7	59.7	59.7	59.8
≥ 8000	41.0	54.3	57.1	59.1	60.7	61.3	61.8	62.2	62.4	62.5	62.6	62.6	62.7	62.7	62.7	62.8
≥ 7000	42.1	55.9	58.7	61.0	62.6	63.3	63.8	64.2	64.4	64.5	64.6	64.6	64.6	64.7	64.7	64.8
≥ 6000	43.1	57.4	60.3	62.7	64.4	65.3	65.6	66.0	66.2	66.3	66.3	66.4	66.4	66.5	66.5	66.6
≥ 5000	44.4	59.4	62.4	64.9	66.7	67.4	67.9	68.4	68.5	68.7	68.7	68.7	68.8	68.8	68.9	69.0
≥ 4500	45.3	60.8	63.9	66.5	68.3	69.0	69.6	70.1	70.2	70.3	70.4	70.4	70.5	70.5	70.6	70.7
≥ 4000	46.8	63.1	66.5	69.2	71.2	71.9	72.6	73.0	73.2	73.3	73.4	73.4	73.5	73.5	73.6	73.7
≥ 3500	48.0	65.1	68.6	71.4	73.5	74.3	75.0	75.5	75.7	75.8	75.9	75.9	76.0	76.0	76.0	76.1
≥ 3000	49.6	67.5	71.1	74.2	76.5	77.3	78.0	78.6	78.7	78.9	79.0	79.0	79.1	79.1	79.1	79.2
≥ 2500	51.1	69.9	73.8	77.1	79.5	80.4	81.2	81.7	81.9	82.1	82.2	82.2	82.3	82.3	82.4	82.4
≥ 2000	52.5	72.3	76.4	79.9	82.3	83.5	84.3	84.9	85.2	85.3	85.4	85.5	85.6	85.6	85.6	85.7
≥ 1800	52.9	73.0	77.2	80.8	83.5	84.4	85.3	85.9	86.1	86.3	86.4	86.4	86.5	86.5	86.6	86.7
≥ 1500	53.8	74.9	79.3	83.1	86.0	87.1	88.0	88.7	88.9	89.2	89.3	89.3	89.4	89.4	89.5	89.6
≥ 1200	54.3	76.2	80.9	85.0	88.1	89.2	90.2	91.0	91.2	91.5	91.6	91.6	91.7	91.7	91.8	91.9
≥ 1000	54.5	77.0	81.9	86.2	89.6	90.8	91.9	92.7	93.0	93.2	93.4	93.4	93.5	93.6	93.6	93.7
≥ 900	54.6	77.3	82.4	86.8	90.4	91.6	92.8	93.7	94.0	94.3	94.4	94.4	94.6	94.6	94.6	94.7
≥ 800	54.7	77.7	82.8	87.4	91.2	92.5	93.8	94.7	95.0	95.4	95.5	95.6	95.7	95.7	95.8	95.9
≥ 700	54.7	77.9	83.1	87.8	91.8	93.2	94.5	95.6	95.9	96.3	96.5	96.5	96.6	96.7	96.7	96.8
≥ 600	54.7	78.0	83.3	88.1	92.2	93.7	95.2	96.3	96.7	97.0	97.3	97.3	97.5	97.5	97.5	97.6
≥ 500	54.7	78.1	83.4	88.3	92.6	94.2	95.7	97.0	97.4	97.9	98.1	98.2	98.4	98.4	98.5	98.6
≥ 400	54.7	78.1	83.4	88.4	92.6	94.3	95.9	97.3	97.8	98.3	98.6	98.6	98.9	98.9	99.0	99.1
≥ 300	54.8	78.1	83.4	88.4	92.7	94.3	96.0	97.4	98.0	98.5	98.9	98.9	99.2	99.3	99.4	99.5
≥ 200	54.8	78.1	83.4	88.4	92.7	94.4	96.0	97.4	98.0	98.6	99.0	99.1	99.4	99.5	99.6	99.7
≥ 100	54.8	78.1	83.4	88.4	92.7	94.4	96.0	97.4	98.0	98.6	99.0	99.1	99.4	99.5	99.6	99.9
≥ 0	54.8	78.1	83.4	88.4	92.7	94.4	96.0	97.4	98.0	98.6	99.0	99.1	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 87628

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0373

TOTAL SKY COVER

FOR THE PERIOD OF RECORD 1971 AND LATER THE AIRWAYS SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (PERIOD) | JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	15.4			12.1						11.1	61.4	7.5	928
	03-05	17.7			9.3						9.6	63.4	7.5	925
	06-08	15.3			10.7						9.2	64.8	7.6	928
	09-11	8.9			15.2						14.0	61.9	7.9	928
	12-14	9.2			15.3						14.9	60.6	7.9	926
	15-17	10.0			16.2						15.3	58.0	7.7	930
	18-20	12.2			17.6						12.2	58.1	7.4	930
	21-23	17.0			13.6						11.2	58.2	7.2	925
TOTALS		13.2			13.8						12.3	60.8	7.6	7420

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13840	WRIGHT-PATTERSON AFB OH	68-70,73-79	FEB
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	30.1			11.3						10.9	47.7	6.1	843
	03-05	27.9			11.8						8.3	52.0	6.3	845
	06-08	18.7			15.2						11.7	54.4	6.9	844
	09-11	9.5			19.6						14.7	56.2	7.5	843
	12-14	7.8			18.4						18.4	53.4	7.5	844
	15-17	10.1			16.7						20.8	52.4	7.6	843
	18-20	14.4			19.6						18.3	47.6	7.0	846
	21-23	22.7			18.0						14.5	44.8	6.3	846
TOTALS		17.9			16.3						14.7	51.1	6.9	6754

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13840	WRIGHT-PATTERSON AFB OH	68-70,73-79	MAR
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	24.7			12.1						12.7	50.5	6.6	924
	03-05	27.0			12.9						10.7	53.4	6.7	922
	06-08	12.9			18.2						13.8	55.1	7.3	925
	09-11	11.1			15.7						18.4	54.9	7.6	926
	12-14	8.9			16.3						19.6	55.2	7.8	930
	15-17	8.5			16.0						21.5	53.9	7.8	929
	18-20	9.8			20.5						18.3	51.4	7.4	930
	21-23	20.6			15.9						13.1	50.3	6.[illegible]	930
TOTALS		14.9			16.0						16.0	53.1	7.[illegible]	7416

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13840	WRIGHT-PATTERSON AFB OH	68-70,73-79	APR
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	28.0			14.7						14.1	43.2	6.	899
	03-05	27.5			16.2						14.8	41.5	6.	897
	06-08	17.7			16.9						17.8	47.6	6.	898
	09-11	16.1			19.0						17.7	47.2	6.[illegible]	900
	12-14	12.[illegible]			18.2						21.4	47.7	7.[illegible]	898
	15-17	10.3			21.3						18.8	49.6	7.[illegible]	900
	18-20	13.6			19.8						19.7	47.0	7.[illegible]	900
	21-23	25.8			18.1						13.0	43.0	6.	899
TOTALS		19.0			18.0						17.2	45.9	6.[illegible]	7191

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13840 | WRIGHT-PATTERSON AFB OH | 68-70,73-79 | MAY
STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	26.9			17.4						15.2	38.6	5.7	922
	03-05	28.8			21.4						12.6	37.2	5.5	916
	06-08	19.0			23.4						17.0	40.6	6.3	916
	09-11	15.7			25.0						18.9	40.3	6.5	927
	12-14	7.4			26.0						24.7	41.8	7.2	930
	15-17	5.7			25.1						26.5	42.8	7.4	930
	18-20	10.0			26.6						19.6	43.8	6.9	929
	21-23	23.4			22.1						16.3	38.2	5.9	927
TOTALS		17.4			23.4						18.9	40.4	6.4	7397

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13840	WRIGHT-PATTERSON AFB OH	68-70,73-79	JUN
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	26.8			25.3						17.4	30.5	5.4	897
	03-05	22.3			26.2						17.9	33.5	5.8	886
	06-08	15.2			24.1						22.1	38.6	6.6	883
	09-11	12.6			26.8						25.4	35.2	6.6	896
	12-14	5.7			27.8						34.1	32.4	7.1	900
	15-17	4.7			30.3						28.9	36.1	7.1	900
	18-20	6.6			31.8						28.0	31.6	6.6	898
	21-23	19.8			28.4						20.6	31.1	5.8	897
TOTALS		14.5			27.6						24.3	33.6	6.4	7157

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13840	WRIGHT-PATTERSON AFB OH	68-70,73-79	JUL
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	31.5			23.8						19.7	25.0	5.0	917
	03-05	27.0			27.7						17.9	27.4	5.2	899
	06-08	15.9			28.7						20.8	34.6	6.2	908
	09-11	12.2			31.0						21.2	35.5	6.4	923
	12-14	3.2			32.8						33.0	31.0	7.1	930
	15-17	1.7			34.4						34.5	29.4	7.1	930
	18-20	7.2			36.0						28.3	28.5	6.5	929
	21-23	21.5			31.4						22.7	24.4	5.4	924
TOTALS		15.0			30.7						24.8	29.5	6.1	7360

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13840	WRIGHT-PATTERSON AFB OH	68-70,73-79	AUG
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	34.8			21.5						15.8	27.9	4.9	915
	03-05	30.4			24.1						15.6	29.9	5.1	905
	06-08	14.7			30.1						18.8	36.4	6.2	895
	09-11	13.5			31.5						21.4	33.6	6.2	920
	12-14	4.4			36.2						28.4	31.0	6.7	930
	15-17	3.7			37.9						28.1	30.4	6.7	929
	18-20	9.8			37.4						22.4	30.4	6.2	920
	21-23	25.0			30.2						19.3	24.6	5.1	915
TOTALS		17.2			31.1						21.2	30.5	5.9	7329

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13840	WRIGHT-PATTERSON AFB OH	67-70,73-78	SEP
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	36.5			20.6						14.1	28.7	4.8	887
	03-05	33.1			18.8						16.5	31.7	5.2	868
	06-08	20.3			24.4						21.1	34.3	6.1	864
	09-11	18.4			23.3						20.1	38.2	6.3	890
	12-14	10.3			30.3						24.3	35.0	6.6	900
	15-17	9.3			32.3						23.7	34.7	6.6	930
	18-20	16.2			31.4						21.4	31.0	6.0	899
	21-23	33.2			20.7						18.6	27.5	5.0	894
TOTALS		22.2			25.2						20.9	32.6	5.8	7102

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SE CE/MAC

SKY COVER

13840 WRIGHT-PATTERSON AFB OH 67-70,73-78 OCT

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	35.0			17.1						11.9	35.9	5.2	916
	03-05	33.3			18.8						11.4	36.4	5.2	900
	06-08	21.6			24.3						16.3	37.7	6.0	901
	09-11	20.0			22.3						16.5	41.1	6.3	919
	12-14	16.1			25.2						21.2	37.5	6.4	930
	15-17	15.0			27.5						20.9	36.6	6.4	928
	18-20	22.3			26.8						16.7	34.3	5.7	930
	21-23	33.6			20.6						10.8	35.0	5.1	928
TOTALS		24.6			22.8						15.7	36.8	5.8	7352

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 67-7[illegible],73-78 (PERIOD) | NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	19.2			11.9						12.5	56.4	7.1	889
	03-05	18.2			10.4						14.3	57.2	7.3	876
	06-08	15.1			11.6						13.5	59.8	7.5	880
	09-11	8.8			16.0						15.5	59.6	7.8	894
	12-14	6.8			16.3						18.7	58.2	8.0	898
	15-17	6.4			16.5						19.4	57.7	8.0	897
	18-20	15.6			14.9						13.0	56.5	7.3	899
	21-23	21.4			10.6						10.0	58.1	7.0	899
TOTALS		13.9			13.5						14.6	57.9	7.5	7132

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13840	WRIGHT-PATTERSON AFB OH	67-7J,73-78	DEC
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	17.1			12.0						11.3	59.6	7.3	930
	03-05	19.8			11.2						8.6	60.4	7.2	930
	06-08	14.1			14.1						9.7	62.0	7.5	927
	09-11	6.6			16.6						15.9	60.9	8.0	928
	12-14	5.3			16.3						18.4	60.0	8.1	930
	15-17	5.7			14.9						18.7	60.7	8.2	929
	18-20	11.0			18.1						10.1	60.8	7.5	928
	21-23	15.4			11.1						12.0	61.5	7.6	925
TOTALS		11.9			14.3						13.1	60.7	7.7	7427

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13840 — STATION
WRIGHT-PATTERSON AFB OH — STATION NAME
67-70,73-79 — PERIOD
ALL — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	13.2			13.8						12.3	60.8	7.6	7420
FEB		17.9			16.3						14.7	51.1	6.9	6754
MAR		14.0			16.0						16.0	53.1	7.2	7416
APR		19.0			18.0						17.2	45.9	6.7	7191
MAY		17.4			23.4						18.9	40.4	6.4	7397
JUN		14.5			27.6						24.3	33.6	6.4	7157
JUL		15.0			30.7						24.8	29.5	6.1	7360
AUG		17.2			31.1						21.2	30.5	5.9	7329
SEP		22.2			25.2						20.0	32.6	5.8	7102
OCT		24.6			22.8						15.7	36.8	5.8	7352
NOV		13.9			13.5						14.6	57.9	7.5	7132
DEC		11.9			14.3						13.1	60.7	7.7	7427
TOTALS		16.8			21.1						17.7	44.4	6.7	87037

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
   b. Daily minimum temperatures
   c. Daily mean temperatures

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

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (L 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: Direct conversion of temperatures from Celsius to Fahrenheit values results in the exclusion of certain values. The conversion method used at OL A to present these data may result in differences not exceeding ± 1°F from directly converted values but excludes no Fahrenheit values.

   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.

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.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 49-79 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
100						.1	.2	.2	.2				.1
95					.1	1.1	3.5	2.3	1.2				.7
90					1.8	13.6	18.8	13.8	6.3	.1			4.6
85				1.2	10.0	36.7	50.1	43.9	18.8	1.7			13.6
80			.3	6.4	25.8	61.1	80.8	73.3	39.3	8.8	.1		24.8
75			2.4	16.9	42.5	82.8	95.5	91.8	60.1	21.7	.8		34.7
70	.2	.5	7.0	28.7	61.1	93.4	99.5	98.8	79.3	36.6	6.1	.2	42.8
65	.9	1.7	13.8	42.2	78.7	98.1	100.0	100.0	93.2	53.2	13.8	1.6	50.0
60	4.1	5.8	24.1	58.0	89.5	99.2			97.4	71.3	25.9	6.5	57.0
55	8.7	11.3	34.4	72.9	95.8	100.0			99.4	84.5	39.0	12.7	63.5
50	15.4	19.6	46.8	83.1	98.7				99.9	92.7	52.6	20.9	69.3
45	24.9	31.3	60.3	92.1	99.7				100.0	98.1	68.1	32.6	75.8
40	36.0	46.3	74.4	98.2	100.0					99.1	81.1	47.1	82.0
35	51.4	65.9	87.7	99.7						100.0	92.1	65.7	88.6
30	67.5	78.3	96.0	99.9							97.4	82.9	93.6
25	78.8	87.1	98.4	100.0							98.9	91.8	96.3
20	89.7	93.0	99.9								99.9	96.3	98.3
15	95.3	98.2	100.0								100.0	98.8	99.4
10	98.0	99.8										99.7	99.8
5	99.4	99.9										100.0	99.9
0	99.8	100.0											100.0
-5	100.0												100.0
MEAN	35.5	38.9	49.2	62.0	72.2	81.3	84.4	83.2	76.7	65.4	50.7	39.8	61.6
S.D	13.000	12.342	12.786	11.653	9.721	7.354	5.652	5.954	8.502	10.366	11.752	11.622	20.323
TOTAL OBS.	930	847	930	900	930	900	930	930	900	930	900	930	10957

USAF ETAC FORM JUL 64 0-21-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

13840 WRIGHT-PATTERSON AFB OH 49-79
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

	TEMP (°F)	JAN	FEB	MAR.	APR	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥	75						1.2	2.4	2.2	.2				.5
≥	70				.1	.5	10.8	23.1	16.6	4.9	.1			4.7
≥	65				1.0	7.8	35.1	56.6	44.1	19.3	1.3			13.9
≥	60	.1		.3	5.4	22.2	58.2	79.9	70.1	35.4	5.5	.8		23.3
≥	55	.3	.1	2.4	12.4	39.5	80.6	95.3	88.3	53.0	14.4	3.4	.2	32.7
≥	50	1.2	.5	5.2	23.7	60.1	95.6	99.8	97.5	73.9	28.0	8.1	1.7	41.5
≥	45	2.4	2.4	10.4	37.4	78.9	99.3	100.0	99.8	89.6	45.9	16.6	3.9	49.1
≥	40	4.7	5.8	19.5	54.2	91.9	100.0		100.0	97.4	68.5	28.2	9.2	56.9
≥	35	11.1	13.7	34.6	74.6	98.3				99.8	86.6	46.3	18.2	65.5
≥	33	15.8	19.4	44.0	82.6	99.1				100.0	92.4	56.6	25.3	69.8
≥	30	23.7	29.6	57.6	92.2	99.9					96.7	69.0	37.6	75.7
≥	25	42.6	49.8	77.7	98.4	100.0					99.2	86.8	57.0	84.4
≥	20	57.7	65.8	90.3	99.8						100.0	95.8	72.4	90.2
≥	15	67.7	76.5	96.3	100.0							98.2	83.5	93.6
≥	10	79.4	85.2	98.6								99.4	91.0	96.2
≥	5	88.4	91.5	99.6								99.9	94.6	97.9
≥	0	94.2	96.1	100.0								100.0	98.2	99.0
≥	-5	97.7	99.3										99.2	99.7
≥	-10	99.1	99.9										100.0	99.9
≥	-15	99.7	100.0											100.0
≥	-20	100.0												100.0
≥														
≥														
≥														
≥														
≥														
≥														
≥														
≥														
≥														
≥														
≥														
≥														
	MEAN	20.5	22.6	31.6	41.9	51.9	61.0	64.8	62.9	55.6	44.4	34.6	25.3	43.1
	S.D.	12.614	11.699	9.993	9.805	8.562	6.932	5.720	6.565	8.687	8.966	9.829	11.359	18.083
	TOTAL OBS.	930	847	930	900	930	900	930	930	900	930	900	930	10957

USAF ETAC FORM JUL 64 0-21-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

13840 STATION — WRIGHT-PATTERSON AFB OH STATION NAME — 49-79 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB.	MAR	APR	MAY	JUN	JUL.	AUG	SEP	OCT	NOV	DEC	ANNUAL
85						1.1	2.3	1.7					.4
80					.2	10.4	16.7	13.0	4.1				3.9
75				.7	7.4	36.1	53.4	43.8	18.4	.8			13.5
70			.1	4.3	21.9	61.4	84.7	76.1	35.7	4.4	.2		24.2
65	.1		1.4	13.0	42.3	83.0	97.5	92.7	58.6	15.1	1.3		33.9
60	.4	.4	4.9	26.2	62.7	96.4	100.0	99.4	80.0	32.6	6.2	.6	42.7
55	1.3	1.5	12.5	39.8	81.2	99.3		100.0	94.3	52.0	14.1	2.2	50.1
50	3.7	5.1	20.6	56.6	92.5	100.0			98.9	72.3	26.0	6.0	57.0
45	8.6	11.3	34.0	76.8	98.2				99.9	88.6	43.2	14.7	64.8
40	18.3	23.0	51.0	89.3	99.8				100.0	96.9	61.1	26.7	72.4
35	31.4	39.0	71.2	97.4	100.0					99.4	78.4	43.5	80.2
30	48.0	60.1	86.7	99.7						100.0	91.8	62.6	87.5
25	63.5	74.1	94.7	99.9							97.0	78.8	92.4
20	73.8	83.2	98.2	100.0							98.8	89.2	95.3
15	86.5	90.0	99.6								99.7	94.6	97.6
10	93.3	95.6	100.0								100.0	97.6	98.9
5	97.2	99.1										99.5	99.6
0	99.1	99.9										99.9	99.9
-5	99.6	100.0										100.0	100.0
-10	100.0												100.0
MEAN	28.2	31.1	40.7	52.2	62.3	71.4	74.8	73.3	66.4	55.1	42.9	32.8	52.6
S.D.	12.255	11.463	10.709	10.025	8.459	6.575	5.046	5.551	7.806	8.720	10.180	10.931	18.869
TOTAL OBS.	930	847	933	900	930	900	930	930	900	930	900	930	10957

USAF ETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13840 (STATION) , RIGHT-PATTERSON AFB OH (STATION NAME) 49-79 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49									83	86	73	63	
50	72	64	77	76	86	91	89	89	86	82	80	56	91
51	62	63	67	92	89	93	93	102	89	90	68	68	102
52	66	57	70	82	91	98	102	95	92	88	73	65	102
53	64	60	74	78	92	99	96	98	99	88	70	63	99
54	58	70	67	83	87	96	101	95	102	84	70	56	102
55	62	65	70	80	87	88	97	98	94	79	73	60	98
56	57	63	70	80	87	94	97	95	89	82	73	70	97
57	58	70	71	84	86	94	98	94	94	76	66	60	98
58	51	64	56	82	86	90	90	89	90	79	77	57	90
59	60	64	74	79	89	94	92	94	93	87	75	65	94
60	63	57	73	87	84	87	91	92	96	84	70	62	96
61	55	69	70	78	82	92	92	89	90	78	76	63	92
62	61	65	76	86	92	93	90	99	88	81	64	64	99
63	53	54	79	81	88	93	91	93	88	88	67	57	93
64	61	55	71	82	91	93	95	100	96	80	74	65	100
65	63	62	63	77	89	91	98	96	90	79	70	63	98
66	55	59	74	77	84	94	96	87	87	75	68	67	96
67	70	62	78	83	87	92	90	91	87	85	61	67	92
68	55	61	79	77	81	95	94	93	85	83	77	56	95
69	57	52	73	84	91	92	93	91	90	82	60	48	93
70	60	58	61	85	87	93	96	92	91	84	69	67	96
71	57	62	72	80	84	101	91	91	89	85	73	70	101
72	65	70	72	80	87	88	94	95	89	74	69	64	95
73	61	56	76	79	78	89	90	91	92	81	69	63	92
74	61	59	78	80	85	87	91	87	83	77	72	56	91
75	63	60	70	74	87	91	94	93	86	83	79	67	94
76	52	74	81	87	86	93	99	90	86	77	60	54	99
77	33	67	81	85	96	92	97	91	93	70	73	58	97
78	49	31	77	78	87	93	93	88	90	75	70	61	93
MEAN													
S.D.													
TOTAL OBS.													

NOTES * (PASED ON LESS THAN FULL MONTHS)

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

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 49-79 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	57	59	71	75	87	90	91	92					
MEAN	58.7	61.1	72.4	80.7	87.1	92.5	94.0	93.0	90.2	81.4	70.6	61.8	96.0
S D	7.125	7.719	5.738	3.495	3.566	3.256	3.499	3.806	4.376	4.825	5.102	5.193	3.590
TOTAL OBS.	930	847	930	900	930	900	930	930	900	930	900	930	10957

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13840 (STATION) *RIGHT-PATTERSON AFB OH (STATION NAME) 49-79 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49									35	30	22	9	
50	15	4	8	21	37	48	50	46	35	33	5	-6	-6
51	4	-11	18	31	42	47	54	49	34	31	17	-10	-11
52	8	18	19	29	38	48	53	47	41	20	16	11	8
53	9	13	16	25	44	46	53	50	41	33	24	1	1
54	8	13	16	26	34	45	55	51	42	30	24	10	8
55	-2	1	13	27	38	51	61	55	42	32	8	7	-2
56	5	16	15	30	37	47	57	50	36	33	11	20	5
57	-1	16	17	22	31	50	57	51	40	31	20	9	-1
58	8	-4	25	30	41	49	59	49	42	34	1	-7	-7
59	-7	5	17	33	36	50	58	56	36	32	12	13	-7
60	9	10	1	25	36	50	54	58	46	27	22	-4	-4
61	-8	5	22	23	32	46	56	55	40	27	20	2	-8
62	-7	3	10	27	41	50	52	50	34	20	23	-1	-7
63	-16	-6	11	29	30	47	50	51	35	30	25	-9	-16
64	-4	10	13	18	39	50	53	42	38	24	12	4	-4
65	-7	-4	14	21	41	50	53	42	38	23	21	17	-7
66	-8	4	16	26	26	40	50	51	42	26	17	0	-8
67	4	-1	6	26	33	48	50	48	36	26	19	9	-1
68	-7	1	11	29	33	54	52	48	45	29	26	7	-7
69	1	12	12	30	37	44	60	53	42	25	18	10	1
70	-9	-5	12	24	34	46	49	54	37	30	12	8	-9
71	1	-3	16	27	34	50	55	49	42	34	17	16	-3
72	-13	-2	13	18	37	40	46	47	41	24	21	1	-13
73	6	0	25	25	35	52	54	49	42	36	22	11	0
74	1	10	6	27	35	48	51	56	35	26	23	17	1
75	13	1	16	25	38	47	55	55	37	31	22	12	1
76	-2	3	20	25	35	56	55	45	41	22	12	-2	-2
77	-18	-8	20	27	37	48	55	51	44	28	17	0	-18
78	-5	-6	2	30	34	48	53	51	44	30	27	12	-6
MEAN													
S.D													
TOTAL OBS.													

NOTES * (BASED ON ' SS THAN FULL MONTHS)

USAF ETAC FORM XX 44 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS)

13840 WRIGHT-PATTERSON AFB OH 49-79
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	-4	-5	16	23	32	47	51	47					
MEAN	-.9	3.0	14.2	26.0	35.9	48.1	53.7	50.2	39.4	28.6	17.9	5.6	-4.2
S D	8.390	7.887	5.821	3.672	3.854	3.342	3.395	3.934	3.530	4.256	6.339	8.131	6.241
TOTAL OBS.	930	847	930	900	930	900	930	930	900	930	900	930	10957

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 | IGHT-PATTERSON AFB OH | 68-70,73-79 | JAN
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0000-0200
HOURS (L. S. T.)

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
60/ 59		.3	.1															4	4		
58/ 57		.1	.6	.2														8	8	4	
56/ 55			.4	.2														6	6	3	3
54/ 53		.4	.2	.1														7	7	6	4
52/ 51		.4	.6	.1														11	11	11	6
50/ 49		.3			.2													5	5	8	8
48/ 47		.8	.1		.1	.1												10	10	7	9
46/ 45		1.0	.4	.1														14	14	12	13
44/ 43		1.2	.9	.1														20	20	11	11
42/ 41		1.2	.8	.2														20	20	14	8
40/ 39	.2	.2	.3	.2														13	13	23	8
38/ 37	.1	2.3	.5	.3	.3													33	33	14	14
36/ 35	.1	2.8	1.4	.5														45	45	34	24
34/ 33	.9	2.9	2.0	.5	.1													60	60	41	28
32/ 31	.6	2.3	1.7	.6														49	49	48	37
30/ 29	.3	1.5	1.3	.5														34	34	56	32
28/ 27	.1	4.6	1.6	.1														60	61	47	25
26/ 25	.1	4.6	1.4	.1														58	59	52	26
24/ 23		3.2	.9															38	38	66	50
22/ 21	.1	1.9	.9															27	27	35	41
20/ 19	.3	7.5	.9															81	81	54	61
18/ 17	.5	3.8	.6															46	46	65	37
16/ 15	.2	4.3	.3															45	45	48	65
14/ 13	.2	4.1																40	40	39	46
12/ 11	.6	2.3	.3															30	30	46	32
10/ 9	1.0	1.9	.2															29	29	30	68
8/ 7	.6	3.4	.1															39	39	31	48
6/ 5	.4	2.6																28	28	35	33
4/ 3	.5	.8																12	12	22	32
2/ 1	.2	1.5																16	16	11	32
0/ -1	1.2	.3																14	14	20	21
-2/ -3	.5	.5																10	10	11	20
-4/ -5	.8	.4																8	8	8	18
-6/ -7	.3	.2																5	5	7	3

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 | WRIGHT-PATTERSON AFB OH | 68-70,73-79 | JAN
STATION | STATION NAME | YEARS | MONTH

 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
-8/ -9																					9
-10/-11																					16
-12/-13																					22
-14/-15																					5
-16/-17	.3																	3	3	3	5
-18/-19																					2
-20/-21																					3
-24/-25																					3
TOTAL	10.1	65.8	19.1	4.1	.9	.1												928	930	928	928

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.	5168421	68291	73.6	12.417	928							
Dry Bulb	705769	22202	23.9	13.754	930	4.0	67.4					93
Wet Bulb	611076	20442	22.0	13.170	928	4.9	74.2					93
Dew Point	464422	15246	16.4	15.192	928	12.7	79.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70, 73-79 (YEARS) JAN (MONTH)

 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
58/ 57		.1	.3																4	4		
56/ 55		.1	.2																3	3	2	1
54/ 53		.4	.1	.7															8	8	3	1
52/ 51		.3	.4	.1															8	8	7	5
50/ 49		1.2	.1	.2															14	14	9	8
48/ 47		1.3	.3	.1															16	16	16	8
46/ 45		.5	.6	.4															15	15	13	18
44/ 43	.1	.9	.6																15	15	11	7
42/ 41		1.3	.5	.1															18	18	20	11
40/ 39	.2	.1	1.1																13	13	17	15
38/ 37		1.9	.9	.1	.1														28	28	15	13
36/ 35		3.2	1.7	.8															53	53	29	13
34/ 33	1.0	2.8	1.3	.2															48	48	51	35
32/ 31	.4	2.8	2.9	.6															55	55	47	32
30/ 29	.4	1.6	1.2	.5															35	35	53	39
28/ 27	.3	3.7	1.1																47	50	37	42
26/ 25	.3	4.6	.9																54	54	30	25
24/ 23		3.7	1.0																37	37	66	36
22/ 21	.3	2.6	.2																29	29	26	38
20/ 19	1.2	5.1	.6																64	64	58	54
18/ 17	.1	4.5	.8																50	50	46	33
16/ 15	.5	5.5	.5																61	61	55	52
14/ 13	.1	4.2																	40	40	52	54
12/ 11	.3	2.8	.3																32	32	40	52
10/ 9	.5	2.8																	31	31	35	44
8/ 7	1.6	2.3	.1																35	35	43	44
6/ 5	.4	1.4																	17	17	23	39
4/ 3	.6	1.8																	23	23	16	33
2/ 1	.5	1.5																	19	19	28	41
0/ -1	1.7	.1																	17	17	20	19
-2/ -3	1.2	.5																	16	16	14	18
-4/ -5	.6	.3																	9	9	10	15
-6/ -7	.8	.2																	9	9	10	9
-8/ -9	.1																		1	1	2	7

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 68-72,73-74 YEARS | JAN MONTH

PAGE 2 | 0300-0500 HOURS (L. S. T.)

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
-10/-11																					19
-12/-13																					22
-14/-15																					11
-16/-17	.3																	3	3	3	4
-18/-19																					3
-20/-21																					4
-22/-23																					2
-24/-25																					1
TOTAL	13.9	65.5	16.9	3.6	.1													927	930	927	927

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.	5312333	69289	74.7	11.998	927							
Dry Bulb	674493	21401	23.0	13.997	930	5.5	68.7					97
Wet Bulb	588683	19769	21.3	13.433	927	5.9	73.6					97
Dew Point	457180	14810	16.0	15.434	927	13.4	79.5					97

USAFETAC FORM 0-46-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 66-70,73-79 (YEARS) JAN (MONTH)

 0600-0800 (HOURS (L. S. T.))

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
60/ 59		.1	.2															3	3		
58/ 57																				2	
56/ 55		.2																2	2	1	2
54/ 53		.4		.2														3	6	2	1
52/ 51		.3	.1															4	4	4	4
50/ 49		.3	.3															6	6	5	5
48/ 47		.6	.2	.1	.1													10	10	7	2
46/ 45		1.4	.3	.2														18	18	10	6
44/ 43	.1	1.4	.1		.1													16	16	13	13
42/ 41	.1	1.7	.3	.1														21	21	22	14
40/ 39	.2	1.2	1.3															25	25	23	16
38/ 37	.1	1.9	1.4	.2														34	34	20	17
36/ 35	.1	4.1	1.3	.5														56	56	38	17
34/ 33	.6	3.1	1.5	.5														54	54	54	25
32/ 31	.5	1.5	1.6															34	34	47	43
30/ 29	.1	2.7	1.2	.6														43	44	40	47
28/ 27	.9	3.3	.5															44	46	55	34
26/ 25		4.0	.5															42	42	55	34
24/ 23		3.6	.1															34	34	53	25
22/ 21	.4	3.3																34	34	32	40
20/ 19	1.3	4.9	.4															61	61	51	60
18/ 17	.6	3.9	.5															47	47	54	27
16/ 15	.2	4.2	.3															44	44	41	49
14/ 13	.5	4.7	.1															50	50	50	52
12/ 11	.9	3.8																43	43	50	40
10/ 9	.8	3.0																35	35	48	46
8/ 7	.6	1.8	.1															24	24	24	39
6/ 5	.8	2.0																26	26	26	52
4/ 3	1.4	1.2																24	24	30	34
2/ 1	.8	1.7																23	23	23	29
0/ -1	1.2	.9																19	19	17	24
-2/ -3	.9	.8																15	15	18	19
-4/ -5	.8	.5																12	12	14	18
-6/ -7	1.0	.1																10	10	13	11

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 66-70,73-79 YEARS | JAN MONTH

 0600-0800 HOURS (L. S. T.)

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
-8/ -9	.4																	4	4	4	13
-10/-11	.1																	1	1	1	19
-12/-13																					15
-14/-15																					16
-16/-17	.2																	2	2	2	5
-18/-19	.1																	1	1	1	7
-20/-21																					3
-24/-25																					3
TOTAL	15.7	20.3	22.6	2.6	.2													927	930	927	927

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.	5404918	69984	75.5	11.453	927							
Dry Bulb	643392	20656	22.2	14.093	930	6.4	67.5					93
Wet Bulb	565309	19147	20.7	13.544	927	7.0	73.1					93
Dew Point	443369	14335	15.5	15.473	927	15.3	80.7					93

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

6760

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | * WRIGHT-PATTERSON AFB OH STATION NAME | 68-70,73-75 YEARS | JAN MONTH

 1900-1100 HOURS (L. S. T.)

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
64/ 63			.2															2	2		
62/ 61			.1															1	1		
60/ 59																				2	
58/ 57			.1															1	1	1	
56/ 55		.4	.3															7	7	1	3
54/ 53			.2	.2														4	4	4	1
52/ 51		.2	.2	.2	.2													8	8	3	4
50/ 49		.3	.3	.1	.1													8	6	6	4
48/ 47		.6	.2	.2	.1	.1												12	12	9	4
46/ 45		1.1	.2	.2	.1													15	15	9	7
44/ 43	.1	1.2	.1		.2													15	15	21	11
42/ 41		1.6	.8	.5														27	27	14	14
40/ 39	.2	1.2	1.2	.4	.1													29	29	20	17
38/ 37	.1	3.0	1.6	.5														49	49	30	17
36/ 35	.9	3.2	1.3	.6														56	56	48	23
34/ 33	.1	3.6	2.2	.3														57	59	53	30
32/ 31	.4	1.7	1.9	.1														39	39	50	47
30/ 29	.2	2.2	1.6	.2	.1													40	41	50	41
28/ 27		3.5	1.8	.2														51	51	45	38
26/ 25		2.8	.8															33	33	47	43
24/ 23		3.5	.9															40	40	45	25
22/ 21	.3	2.8	.6															39	39	45	34
20/ 19	1.0	4.5	1.0															60	60	52	60
18/ 17	.3	4.4	.2															46	46	51	45
16/ 15	.4	5.1	.2															53	53	59	52
14/ 13	.1	2.9	.1															29	29	32	38
12/ 11	.9	3.3	.2															41	41	44	45
10/ 9	.5	3.9	.1															34	34	33	45
8/ 7	.3	2.6																27	27	30	51
6/ 5	.4	2.4																26	26	34	35
4/ 3	.3	1.8																20	20	22	26
2/ 1	.1	1.9																19	19	21	18
0/ -1	.5	.9																13	13	13	31
-2/ -3	.3	.6																9	9	15	17

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature					
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 68 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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 WRIGHT-PATTERSON AFB OH 68-79,73-79 JAN
STATION STATION NAME YEARS MONTH

 0900-1100
HOURS (L. S. T.)

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
-4/ -5	.6	.1																7	7	8	17
-6/ -7	.2	.3																5	5	3	14
-8/ -9	.2																	2	2	4	19
-10/-11																					19
-12/-13	.1																	1	1	1	12
-14/-15	.2																	2	2	2	6
-16/-17																					2
-18/-19																					7
-20/-21																					3
-22/-23																					2
TOTAL	9.5	66.9	18.6	4.0	[illegible]	.1												927	930	927	927

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Median No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5112418	67906	73.3	12.211	927							
Dry Bulb	714445	22381	24.1	13.758	930	3.9	63.7					93
Wet Bulb	615209	20543	22.2	13.143	927	4.6	70.8					93
Dew Point	466022	15292	16.5	15.194	927	14.9	79.5					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 — STATION
WRIGHT-PATTERSON AFB OH — STATION NAME
66-70,73-79 — YEARS
JAN — MONTH

1200-1400 — HOURS (L. S. T.)

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
62/ 61					.1													1	1		
60/ 59					.1													1	1		
58/ 57		.3	.2	.1	.1	.2												9	9		
56/ 55			.8	.2		.1												10	10	5	1
54/ 53		.2	.1	1.0	.2	.1												15	15	2	4
52/ 51			.4	.6	.6	.1												17	17	11	2
50/ 49		.4	.2	.3	.2	.2												13	13	5	5
48/ 47		.8	.2		.1	.2												12	12	19	7
46/ 45		.4	.2	.5	.1	.3												15	15	10	5
44/ 43		.3	.8	.9	.5	.3												26	26	16	20
42/ 41	.1	1.6	1.4	.9	.3	.1												41	41	15	14
40/ 39	.2	1.1	1.3	.3	.3													30	30	31	12
38/ 37	.4	2.0	1.0	1.5	.1	.1												48	46	41	26
36/ 35	.1	2.6	2.0	1.7	.2													62	62	51	31
34/ 33	.3	3.1	1.4	.6	.1													52	52	45	28
32/ 31	.2	2.2	2.6	1.3														58	58	71	50
30/ 29		1.4	1.9	.6	.1													36	38	46	43
28/ 27		3.2	1.8	.4														51	51	44	38
26/ 25	.1	2.8	1.1	.5														42	42	58	28
24/ 23		2.2	1.9															38	38	51	36
22/ 21	.2	4.5	2.0															63	63	51	54
20/ 19	.1	5.7	1.9	.1														73	73	59	49
18/ 17	.2	2.5	1.3															37	37	77	48
16/ 15		2.9	1.2															38	38	36	50
14/ 13	.1	2.5	.9															32	32	37	50
12/ 11		2.0	.6															25	25	27	54
10/ 9		2.0	.3															22	22	29	45
8/ 7		2.4																22	22	26	42
6/ 5		1.5																14	14	26	34
4/ 3		.8																7	7	8	17
2/ 1		.2																2	2	1	27
0/ -1	.3																	3	3	4	16
-2/ -3	.1	.4																5	5	3	19
-4/ -5	.1	.3																4	4	4	20

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) JAN (MONTH)

 1200-1400 (HOURS (L. S. T.))

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					
-6/ -7	.2	.1																	3	3	5	20
-8/ -9	.1																		1	1	1	17
-10/-11																						6
-12/-13																						1
-14/-15																						3
-16/-17																						3
-18/-19																						3
-20/-21																						4
TOTAL	3.0	62.5	27.6	11.7	3.[illegible]	1.[illegible]													930	930	930	930

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.	4404715	62655	67.4	14.058	930							
Dry Bulb	882689	25975	27.9	13.008	930	1.6	57.8					9[illegible]
Wet Bulb	723623	23363	25.1	12.130	930	1.7	67.0					9[illegible]
Dew Point	497925	16815	18.1	14.447	930	11.2	77.7					9[illegible]

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 — STATION
WRIGHT-PATTERSON AFB OH — STATION NAME
68-70,73-79 — YEARS
JAN — MONTH

1500-1700 — HOURS (L. S. T.)

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
62/ 61			.1	.1	.2													4	4		
60/ 59		.2	.2	.3	.1	.2												10	10		
58/ 57		.1	.1	.4														6	6	3	
56/ 55		.2	.1	.2	.2													7	7	7	4
54/ 53		.1	.3	.4	.3	.4												15	15	8	3
52/ 51		.4	.5	.4	.3	.3												19	19	5	7
50/ 49		.1	.1	.3		.1												6	6	10	1
48/ 47		.4	.2	.1	.2	.1	.4											14	14	15	12
46/ 45		.9	.2	1.4	.5	.2	.2											30	30	12	10
44/ 43		1.2	.4	.9	.5	.2												31	31	21	8
42/ 41		.9	2.3	.4	.6													39	39	16	17
40/ 39	.2	.2	.5	.9	.1													18	18	34	15
38/ 37	.5	1.6	1.4	1.3	.4	.3												52	52	39	22
36/ 35	.1	1.7	2.6	1.4														54	54	37	20
34/ 33	.4	2.0	2.5	1.1	.1													57	57	64	36
32/ 31	.3	3.1	2.0	1.2	.1													63	63	55	39
30/ 29		1.4	1.1	.9														31	31	68	41
28/ 27	.1	3.0	2.0	1.1	.1													59	59	40	43
26/ 25	.1	4.2	2.6	.3														67	67	54	32
24/ 23		2.8	2.9	.3														56	56	63	47
22/ 21		2.9	2.3	.1														49	49	71	40
20/ 19	.4	4.0	1.5															55	55	52	53
18/ 17		2.6	2.4															46	46	68	57
16/ 15		1.9	.6															24	24	35	53
14/ 13		1.5	1.4															27	27	36	46
12/ 11		2.5	.8															30	30	20	49
10/ 9		1.2	.6															17	17	34	51
8/ 7		1.4	.1															14	14	16	37
6/ 5		.9																8	8	22	25
4/ 3		.8																7	7	9	25
2/ 1																				1	25
0/ -1	.6	.1																7	7	6	16
-2/ -3	.1	.4																5	5	5	28
-4/ -5		.2																2	2	2	17

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13746 WRIGHT-PATTERSON AFB OH 58-70,73-79 JAN
STATION STATION NAME YEARS MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

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				
-6/ -7		.1																1	1	2	19
-8/ -9																					9
-10/-11																					5
-12/-13																					4
-14/-15																					6
-16/-19																					3
-20/-21																					3
TOTAL	3.	45.1	31.9	13.6	3.9	1.9	.6												930		930
																		930		930	

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.	4178525	60777	65.4	14.915	930							
Dry Bulb	936597	27007	29.0	12.805	930	1.5	56.8					93
Wet Bulb	756623	24115	25.9	11.889	930	1.5	65.9					93
Dew Point	506997	17045	18.3	14.473	930	11.0	77.3					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 — STATION
WRIGHT-PATTERSON AFB OH — STATION NAME
68-70,73-79 — YEARS
JAN — MONTH

PAGE 1
1800-2000 — HOURS (L. S. T.)

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
62/ 61			.3															3	3		
60/ 59		.1	.4															5	5		
58/ 57			.3	.3	.1													7	7	5	
56/ 55			.3	.1														4	4	4	5
54/ 53		.2		.2	.2													6	6	3	
52/ 51		.5	.5	.2	.1													14	14	8	8
50/ 49		.1	.5		.2	.1												9	9	9	2
48/ 47		.3	.5	.1	.1													10	10	8	13
46/ 45		.9	.3	.1	.													14	14	10	3
44/ 43	.1	1.2	1.2	.3	.2													28	28	23	15
42/ 41		1.4	1.4	.5	.5	.2												38	38	17	13
40/ 39	.		1.4	.4	.8													26	28	27	18
38/ 37	.1	1.3	1.0	.8														29	29	25	18
36/ 35	.6	1.8	2.6	1.1														57	57	37	20
34/ 33	.3	2.3	1.9	1.4	.1													56	56	43	26
32/ 31	.3	1.9	1.6	.8														43	43	63	38
30/ 29	.5	2.7	2.0	.6														55	55	54	35
28/ 27	.3	3.1	1.6	.4														51	51	53	44
26/ 25	.1	3.3	2.5	.2														57	57	55	31
24/ 23	.1	1.8	1.6	.2														35	35	53	47
22/ 21		4.8	2.4															67	67	64	47
20/ 19	.2	6.0	1.8															75	75	49	60
18/ 17	.1	4.1	.4															43	43	84	45
16/ 15		2.8	1.2															37	37	46	46
14/ 13		3.2	.6															36	36	33	53
12/ 11		3.4	.5															37	37	38	46
10/ 9		1.9	.2															20	20	36	54
8/ 7		1.8	.2															19	19	16	[illegible]
6/ 5		1.3																12	12	23	30
4/ 3		.6																6	6	13	22
2/ 1		1.2																11	11	9	30
0/ -1	.1	.4																5	5	6	23
-2/ -3		1.0																9	9	9	6
-4/ -5		.1																1	1	4	32

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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 66-70,73-79 (YEARS) JAN (MONTH)

 1800-2000 (HOURS (L. S. T.))

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
-6/ -7	.1																	1	1	1	7
-8/ -9	.2																	2	2	2	10
-10/-11																					13
-12/-13																					5
-14/-15																					6
-16/-17																					2
-18/-19																					2
-20/-21																					2
-22/-23																					3
TOTAL	3.3	55.8	29.6	8.0	2.6	.3													930		930
																		930		930	

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.	4623998	64340	69.2	13.638	930							
Dry Bulb	812522	24792	26.7	12.775	930	1.6	62.2					93
Wet Bulb	681424	22500	24.2	12.147	930	2.2	71.1					93
Dew Point	484142	16334	17.6	14.572	930	11.1	78.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 — STATION
WRIGHT-PATTERSON AFB OH — STATION NAME
68-70,75-79 — YEARS
JAN — MONTH

2100-2300 — HOURS (L. S. T.)

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
60/ 59		.3	.3															6	6		
58/ 57		.3	.2	.1														6	6	3	
56/ 55		.2	.4	.2	.1													9	9	6	3
54/ 53		.2		.1														3	3	6	6
52/ 51		.4	.9															12	12	6	3
50/ 49					.3													3	3	11	8
48/ 47		.9	.4	.3	.1	.2												18	18	6	5
46/ 45		.4	.2															6	6	8	14
44/ 43	.3	.9	1.1	.3														24	24	14	12
42/ 41		1.4	1.0	.3														25	25	16	5
40/ 39	.1	.3	1.1	.3	.3													20	20	25	11
38/ 37		2.5	1.0	1.0	.2													43	43	22	17
36/ 35	.6	1.9	1.7	1.1														50	50	40	23
34/ 33	.4	2.0	1.6	.3														41	41	38	28
32/ 31	.6	2.2	1.9	.8														51	51	54	47
30/ 29	.3	2.6	1.9	.5														50	50	47	27
28/ 27		4.3	1.8	.1														58	58	46	28
26/ 25	.1	4.0	.9	.5														51	51	74	34
24/ 23		1.8	2.4	.1														40	40	48	42
22/ 21	.8	3.9	1.4	.1														55	55	52	42
20/ 19	.1	5.3	1.3	.1														63	63	52	61
18/ 17	.1	4.4	.5															47	47	66	47
16/ 15	.1	3.5	.3															37	37	50	54
14/ 13	.3	4.0	.4															44	44	37	42
12/ 11	1.0	3.8	.1															45	45	50	51
10/ 9	.4	2.4																26	26	46	54
8/ 7	.3	2.8	.1															30	30	19	49
6/ 5		1.9																18	18	26	36
4/ 3		1.2																11	11	17	31
2/ 1		1.6																15	15	17	41
0/ -1	.1	.2																3	3	6	20
-2/ -3	.2	.9																10	10	5	8
-4/ -5	.4	.3																7	7	14	19
-6/ -7																					11

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 69-70,73-79 YEARS | JAN MONTH

GE ? | 2100-2300 HOURS (L. S. T.)

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
-8/ -9	.1																	1	1	1	12
-10/-.1																					12
-12/ 13																					8
-14/ 15	.2																	2	2	2	6
-16/-17																					7
-20/-21																					3
-22/-23																					2
-24/-25																					1
TOTAL	6.6	62.8	23.0	6.3	1.1	.2												930	930	930	930

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.	4912931	66531	71.5	12.850	930							
Dry Bulb	744774	23260	25.0	13.247	930	2.3	66.4					9?
Wet Bulb	636186	21298	22.9	12.641	930	2.8	72.9					9?
Dew Point	466830	15650	16.8	14.799	930	10.9	79.5					0?

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64
USAFETAC
6765

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 68-70,73-79 YEARS | JAN MONTH

ALL HOURS (L. S. T.)

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
64/ 63			.0															2	2		
62/ 61			.1	.0	.0													9	9		
60/ 59		.1	.2	.0	.0	.0												29	29	2	
58/ 57		.1	.2	.1	.0	.0												41	41	18	
56/ 55		.1	.3	.1	.0	.0												48	48	29	22
54/ 53		.3	.1	.3	.1	.1												64	64	34	20
52/ 51		.3	.5	.2	.2	.1												93	93	55	39
50/ 49		.3	.2	.1	.1	.1												64	64	63	41
48/ 47		.7	.3	.1	.1	.1	.1											102	102	87	60
46/ 45		.8	.3	.4	.1	.1	.0											127	127	93	76
44/ 43	.1	1.0	.6	.3	.2	.1												175	175	130	97
42/ 41	.0	1.4	1.0	.4	.2	.0												229	229	134	96
40/ 39	.2	.5	1.1	.3	.2													176	176	197	110
38/ 37	.2	2.1	1.1	.7	.1	.1												316	316	206	144
36/ 35	.3	2.7	1.8	1.0	.0													433	433	314	171
34/ 33	.5	2.7	1.8	.6	.1													425	427	389	239
32/ 31	.4	2.2	1.9	.7	.0													392	392	435	333
30/ 29	.2	2.0	1.5	.6	.0													326	328	414	305
28/ 27	.2	3.0	1.5	.3	.0													421	427	367	292
26/ 25	.1	3.8	1.3	.2														404	405	425	253
24/ 23	.0	2.7	1.5	.1														318	318	447	308
22/ 21	.3	3.3	1.2	.0														363	363	376	336
20/ 19	.6	5.4	1.2	.0														532	532	427	458
18/ 17	.3	3.8	.8															362	362	511	339
16/ 15	.2	3.8	.6															339	339	370	421
14/ 13	.2	3.4	.4															298	298	316	381
12/ 11	.5	3.0	.4															283	283	315	369
10/ 9	.4	2.3	.2															214	214	295	407
8/ 7	.4	2.3	.1															210	210	205	360
6/ 5	.3	1.7																149	149	215	284
4/ 3	.4	1.1																110	110	137	229
2/ 1	.2	1.2																105	105	117	243
0/ -1	.7	.4																81	81	92	170
-2/ -3	.4	.6																79	79	80	135

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	≥ 73 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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) JAN (MONTH)

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

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
-4/ -5	.4	.3																50	50	64	156
-6/ -7	.3	.1																34	34	41	94
-8/ -9	.1																	11	11	14	96
-10/-11	.0																	1	1	1	109
-12/-13	.0																	1	1	1	89
-14/-15	.1																	4	4	4	59
-16/-17	.1																	8	8	8	28
-18/-19	.0																	1	1	1	27
-20/-21																					25
-22/-23																					9
-24/-25																					8
TOTAL	5.2	60.4	22.4	6.7	1.6	.6	.1												7440		7429
																		7429		7429	

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.	39118259	529773	71.3	13.428	7429							
Dry Bulb	6114602	187674	25.2	13.623	7440	27.0	510.5					744
Wet Bulb	5178165	171177	23.0	12.889	7429	30.6	568.6					744
Dew Point	3786887	125527	16.9	14.976	7429	100.6	632.3					744

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (YEARS) | FEB (MONTH)

 | 0000-0200 (HOURS (L. S. T.))

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
62/ 61				.1														1	1		
60/ 59		.1		.4														4	4		
58/ 57			.1	.1														2	2	1	
56/ 55			.1	.1		.2	.2											6	6	2	1
54/ 53		.1	.4	.2	.1	.6												12	12	4	1
52/ 51		.4	.4	.1	.1	.2												10	10	4	1
50/ 49		.6	.4	.1	.1	.1												11	11	10	10
48/ 47		.1		.5	.2	.6												12	12	6	5
46/ 45		.1	.2	.7														9	9	9	6
44/ 43		.4	1.2	.6	.2													20	20	12	4
42/ 41	.1	.4	.8	.4	.1													15	15	17	5
40/ 39	.1	1.1	.6	.7														21	21	22	3
38/ 37	.1	2.0	1.1	.5	.4													34	34	24	18
36/ 35		3.1	.7	.6	.2													39	39	32	20
34/ 33	.1	2.8	3.0	1.8														65	65	44	29
32/ 31		2.7	3.7	.2														56	56	40	52
30/ 29	.4	3.4	4.3	.1														69	69	60	23
28/ 27	.1	4.5	3.1															65	65	78	31
26/ 25	.1	4.0	1.7															49	49	81	43
24/ 23	.4	3.5	.6															38	38	59	42
22/ 21	1.1	3.4	.5															42	42	47	74
20/ 19	.5	5.2	.2															50	50	35	83
18/ 17	.5	4.3	.4															43	43	56	42
16/ 15	.1	2.8	.2															27	27	32	64
14/ 13	.1	2.5	.4															25	25	28	50
12/ 11	.4	2.0	.1															21	21	27	44
10/ 9	.6	2.2																24	24	22	26
8/ 7	.6	1.3																16	16	26	32
6/ 5	.6	1.7																19	19	23	16
4/ 3	.2	1.2																12	12	12	14
2/ 1	.6	1.1																14	14	15	31
0/ -1	.8																	7	7	10	15
-2/ -3	.2	.5																6	6	4	20
-4/ -5	.1	.1																2	2	4	17

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
el. 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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 68-70,73-79 YEARS | FEB MONTH

 0000-0260 HOURS (L. S. T.)

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
-6/ -7																					11
-8/ -9																					4
-10/-11																					3
-12/-13																					1
-14/-15																					5
TOTAL	7.8	57.6	23.9	7.2	1.5	1.8	.2												846		846
																		846		846	

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.	4566868	61348	72.5	11.827	846							
Dry Bulb	729438	22430	26.5	12.628	846	1.5	58.1					84
Wet Bulb	608387	20471	24.2	11.566	846	1.8	65.4					84
Dew Point	422830	15688	18.5	12.495	846	7.5	73.8					84

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (YEARS) | FEB (MONTH)

0300-0500 (HOURS (L. S. T.))

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				
56/ 55			.4	.1		.2												6	6		
54/ 53		.4	.5	.6		.4												15	15	1	
52/ 51		.4	.6	.1	.4	.2												14	14	7	2
50/ 49			.1	.2	.1	.4												7	7	10	7
48/ 47			.1		.1													2	2	6	4
46/ 45		.4	.1	.2	.4													9	9	6	7
44/ 43		.7	.8		.4													16	16	12	4
42/ 41		.7	.9	.2	.1													17	17	13	8
40/ 39	.2	.6	.9	.4	.2													20	20	20	7
38/ 37		1.8	.3	.7	.1													29	29	22	14
36/ 35	.2	2.2	1.2	.5														36	36	29	10
34/ 33	.2	3.5	2.7	.6														60	60	35	32
32/ 31	.2	4.1	3.3	.2														67	67	52	41
30/ 29	.6	3.1	3.2															56	56	79	30
28/ 27	.2	5.1	1.8															60	60	56	38
26/ 25	.2	4.5	1.5															53	53	67	45
24/ 23		3.9	.6															38	38	51	48
22/ 21	1.1	2.5	.1															31	31	53	57
20/ 19	1.2	5.0	.1															53	53	40	80
18/ 17	.6	4.6																44	44	43	49
16/ 15	.7	4.1																41	41	45	50
14/ 13	.1	3.2	.5															32	32	29	57
12/ 11	.6	2.1																23	23	38	37
10/ 9	.8	2.0																20	20	21	29
8/ 7		1.5																13	13	21	37
6/ 5	.5	1.1																13	13	15	12
4/ 3	.9	1.4																20	20	17	18
2/ 1	1.2	1.3																21	21	22	26
0/ -1	2.3	.2																19	19	21	18
-2/ -3	.5																	4	4	6	20
-4/ -5	.5	.1																5	5	5	17
-6/ -7	.2																	2	2	2	12
-8/ -9																					14
-10/-11																					9

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) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (YEARS) | FEB (MONTH)

PAGE 2 | 0300-0500 (HOURS (L. S. T.))

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
-12/-13																					2
-14/-15																					5
TOTAL	12.4	60.5	20.1	4.0	1.8	1.2												846	846	846	846

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.	4778721	62825	74.3	11.577	846							
Dry Bulb	670298	21164	25.0	12.911	846	3.0	61.1					84
Wet Bulb	568494	19478	23.0	11.919	846	3.4	68.0					84
Dew Point	405863	14971	17.7	12.915	846	9.6	74.6					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 — STATION
WRIGHT-PATTERSON AFB OH — STATION NAME
68-70,73-79 — YEARS
FEB — MONTH

0600-0800 — HOURS (L. S. T.)

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
56/ 55		.4		.1														4	4		
54/ 53			.8		.2	.2												11	11	3	1
52/ 51		.6	.6		.9	.1												19	19	1	2
50/ 49		.1	.4	.1	.4													8	8	12	2
48/ 47		.1		.2	.1	.1												5	5	6	7
46/ 45		.1		.2	.4													6	6	8	6
44/ 43	.1	.4	.4	.1	.2													11	11	15	9
42/ 41		.4	.6	.4	.1													12	12	8	3
40/ 39	.2	1.4	1.1	.4														26	26	13	3
38/ 37	.1	.6	1.1	.8														22	22	25	11
36/ 35		3.1	1.5	.2														41	41	16	18
34/ 33	.2	2.2	3.3	.7														55	55	46	21
32/ 31	.9	4.1	3.1															65	65	48	38
30/ 29	.2	3.9	1.9	.1														52	52	79	31
28/ 27	.2		2.1															58	58	55	47
26/ 25	.1	3.9	1.5															47	47	57	56
24/ 23	.6	3.3	.1															34	34	60	44
22/ 21	1.8	4.0	.5															53	53	47	51
20/ 19	1.8	3.0																40	40	48	72
18/ 17	.7	4.0	.1															41	41	42	49
16/ 15	.8	2.4	.2															29	29	31	52
14/ 13	.8	3.5																37	37	30	48
12/ 11	1.1	3.1	.2															37	37	41	32
10/ 9	.9	2.4																28	28	44	40
8/ 7	.1	1.3																12	12	9	27
6/ 5	.5	.8																11	11	19	18
4/ 3	.6	1.5																18	18	17	21
2/ 1	2.1	.9																25	25	25	29
0/ -1	2.2																	19	19	21	22
-2/ -3	1.3																	11	11	11	22
-4/ -5	.6																	5	5	5	22
-6/ -7	.4																	3	3	3	8
-8/ -9	.1																	1	1	1	17
-10/-11																					11

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 68-70,73-79 YEARS | FEB MONTH

 0600-0800 HOURS (L. S. T.)

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
-12/-13																					4
-16/-17																					1
-18/-19																					1
TOTAL	18.3	55.9	19.5	3.4	2.4	.5													846		846
																		846		846	

Element (X)	ΣX^1	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.	4585879	63579	75.2	11.293	846							
Dry Bulb	642372	20456	24.2	13.223	846	3.9	62.2					84
Wet Bulb	546737	18877	22.3	12.188	846	4.1	68.8					84
Dew Point	303504	14528	17.2	13.055	846	10.7	75.9					84

6769 USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 68-70,73-79 YEARS | FEB MONTH

0900-1100 HOURS (L. S. T.)

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
68/ 67								.1										1	1		
62/ 61							.1											1	1		
60/ 59					.1	.1	.1											3	3		
58/ 57			.1	.1		.5												6	6		
56/ 55		.4	.2	.5		.2	.1											12	12		
54/ 53			.2	.5	.5	.4	.1											15	15	6	1
52/ 51		.1	.2	.1	.1													5	5	6	3
50/ 49	.1		.5	.2	.7	.2												15	15	10	5
48/ 47	.1	.1	.1	.2	.5													10	10	11	4
46/ 45		.1	.7	.5	.1	.2												14	14	14	7
44/ 43		.2	.5	.9	.6	.1												20	20	9	7
42/ 41		.5	.6	1.1	.2													20	20	16	4
40/ 39	.2	1.2	.7	1.3	.2													31	31	25	10
38/ 37	.1	1.4	2.0	.7	.5													40	40	28	23
36/ 35		2.3	2.3	1.7	.4													55	55	33	17
34/ 33	.1	4.4	3.3	.9														74	74	53	21
32/ 31	.1	3.0	2.8	.2														52	52	73	42
30/ 29	.4	3.8	3.1	.6	.1													67	67	78	53
28/ 27	.2	3.2	1.9	.2														47	47	58	51
26/ 25	.2	2.3	1.7	.1														36	36	59	56
24/ 23	.6	2.6	.7	.2														35	35	44	42
22/ 21	.6	3.3	1.5															46	46	42	59
20/ 19	.2	3.8	.5															38	38	41	63
18/ 17		2.8	.6	.1														30	31	41	42
16/ 15	.1	3.8	.7															39	39	34	36
14/ 13	.5	2.6	.2															28	29	36	44
12/ 11	.5	1.3	.2															17	17	28	43
10/ 9	.7	2.1																24	24	23	42
8/ 7	.4	2.1																21	21	24	30
6/ 5	.7	.4																5	9	19	23
4/ 3	.2	1.2																12	12	10	22
2/ 1	.8	.8																14	14	13	27
0/ -1	.1	.4																4	4	4	18
-2/ -3	.2																	2	2	5	17

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 68-70,73-79 YEARS | FEB MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

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
-4/ -5																					10
-6/ -7	.1																	1	1	1	8
-8/ -9																					9
-10/-11																					2
-12/-13																					2
-18/-19																					1
TOTAL	7.5	50.1	25.5	10.3	4.3	1.2	.5	.1											846		844
																		844		844	

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.	4321629	59313	70.3	13.487	844							
Dry Bulb	803914	23698	28.0	12.676	846	.7	52.0	.1				84
Wet Bulb	653785	21375	25.3	11.549	844	1.0	63.0					84
Dew Point	440579	16143	19.1	12.505	844	6.7	73.8					84

USAFETAC FORM 0-26-5 (OL A) JUL 54 REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 WRIGHT-PATTERSON AFB OH 68-70,73-79 FEB
STATION STATION NAME YEARS MONTH

 1200-1400
HOURS (L. S. T.)

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
74/ 73									.1									1	1		
72/ 71									.1									1	1		
70/ 69								.1										1	1		
68/ 67									.1									1	1		
66/ 65					.1	.1	.2	.4										7	7		
64/ 63					.1		.1	.1	.1									4	4		
62/ 61				.1		.2	.1	.2										6	6		
60/ 59			.6	.4	.1	.1	.2	.1										13	13		
58/ 57			.1	.4	.2	.1	.1	.1										9	9	3	
56/ 55		.6		.3	.2	.5	.2											15	15	11	
54/ 53				.4		.5	.2	.1										10	10	11	7
52/ 51	.1		.2	.2	.2	.9	.4											18	18	10	5
50/ 49			.2	.2	.4	.6	.1	.2										16	16	10	5
48/ 47		.2	.1	.4	1.1	.4	.5											22	22	11	4
46/ 45		.1	.4	.9	.6	.7	.2											25	25	13	7
44/ 43			.4	.2	.4	.8	.1											16	16	20	11
42/ 41		1.4	.2	.8	1.7	.0												42	42	24	8
40/ 39	.1	.9	1.3	1.4	1.1	.4	.1											45	45	36	10
38/ 37		2.0	2.1	2.0	1.4	.5												68	68	20	24
36/ 35		1.9	3.6	1.4	.6													63	63	58	18
34/ 33		2.7	2.7	1.9	.5	.1												67	67	78	21
32/ 31		1.9	2.0	1.1														42	42	82	54
30/ 29		1.8	1.4	.9	.1	.1												37	37	65	45
28/ 27	.1	2.0	1.8	.9														41	42	54	56
26/ 25		1.8	2.8	.4	.1													43	43	42	46
24/ 23	.1	2.6	2.3	.5														46	46	46	46
22/ 21		2.7	2.1															41	41	55	52
20/ 19	.2	2.7	.6	.1														31	31	43	56
18/ 17		3.0	1.2	.2														37	37	42	45
16/ 15	.2	2.6	.7															30	30	35	52
14/ 13	.1	1.5	.2															16	16	29	59
12/ 11	.1	1.2																11	12	18	47
10/ 9	.1	.9																9	9	13	37
8/ 7		.7																6	6	8	34

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

PAGE 2 1200-1400 (HOURS (L. S. T.))

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
6/ 5		.2																2	2	4	22
4/ 3		.1																1	1	2	24
2/ 1																					17
0/ -1																					11
-2/ -3																					8
-4/ -5																					3
-6/ -7																					4
-8/ -9																					4
-10/-11																					1
TOTAL	1.3	35.8	27.2	15.2	9.0	6.9	2.7	1.4	.5										845		843
																		843		843	

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.	3510304	52620	62.4	16.375	843							
Dry Bulb	1065554	28036	33.2	12.664	845		39.3	.4	.1			84
Wet Bulb	805622	24440	29.0	10.737	843		53.6					54
Dew Point	484443	17521	20.8	11.952	843	3.1	72.0					44

6771 USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 69-70,73-79 YEARS | FEB MONTH

1500-1700 HOURS (L. S. T.)

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
74/ 73									.1	.2								3	3		
68/ 67								.4	.2	.2								7	7		
66/ 65					.1	.2	.1	.1	.4									8	8		
64/ 63				.2	.1	.1	.1	.2										7	7		
62/ 61				.2	.2													4	4		
60/ 59			.1			.2	.1	.1										5	5		
58/ 57			.2	.4	.4	.2	.1	.5										15	15	6	
56/ 55		.4		.5		.7		.4										16	16	7	
54/ 53		.2		.4	.1	.6	.9											19	19	14	7
52/ 51				.2	.2	.9	.1	.2										14	14	8	5
50/ 49			.2	.4	.6	.8		.4										20	20	16	4
48/ 47		.2	.2	.5	.7	.1	.9											23	23	7	3
46/ 45		.1	1.1	.2	.4	1.3	.2											28	28	17	8
44/ 43		.1	.2	.4	1.3	.8	.5											28	28	18	10
42/ 41		1.4	.9	.2	2.5	.8												50	50	47	11
40/ 39	.4	1.3	.9	.7	2.6	.4												47	47	22	23
38/ 37		.8	1.9	1.9	.7	.5												49	49	32	15
36/ 35		1.7	3.0	3.4	.7													74	74	55	26
34/ 33	.4	2.0	2.6	1.4	.4													57	57	83	31
32/ 31	.2	2.1	1.9	.5	.2	.4												45	45	71	35
30/ 29		2.7	2.2	.6	.2													49	49	75	42
28/ 27		1.8	2.6	.9	.2													47	47	58	53
26/ 25		1.9	2.0	.4														36	36	42	41
24/ 23	.4	1.7	3.0															42	42	51	45
22/ 21	.4	1.5	2.1	.4														37	37	51	64
20/ 19	.2	3.3	1.9	.1														47	47	50	56
18/ 17	.2	1.2	1.9															25	25	36	66
16/ 15		1.5	.7															19	19	28	54
14/ 13		1.2																10	10	26	40
12/ 11	.2	.8	.2															11	11	13	47
10/ 9		.1																1	1	7	45
8/ 7																				3	40
6/ 5		.2																2	2	1	13
4/ 3		.1																1	1	1	18

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

 1500-1700 (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 We. Bulb	TOTAL Dew Point
2/ 1																				1	19
0/ -1																					9
-2/ -3																					5
-4/ -5																					6
-6/ -7																					2
-10/-11																					3
TOTAL	2.4	28.5	29.6	13.8	11.1	8.0	3.2	2.2	.7	.5								846	846	846	846

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.	3328306	50996	60.3	17.349	846							
Dry Bulb	1150698	29356	34.7	12.501	846		36.9	1.0	.3			84
Wet Bulb	853780	25400	30.0	10.388	846		51.0					84
Dew Point	496905	17907	21.2	11.811	846	2.5	69.8					84

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13843 (STATION) — WRIGHT-PATTERSON AFB OH (STATION NAME) — 68-70,73-79 (YEARS) — FEB (MONTH)

PAGE 1 — 1800-2000 (HOURS (L. S. T.))

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
68/ 67								.1										1	1		
66/ 65							.2											2	2		
64/ 63					.1		.2	.2	.1									6	6		
62/ 61				.2	.2		.1	.1										6	6		
60/ 59			.1	.5		.2	.1	.1										9	9		
58/ 57				.5		.1	.4	.1										9	9		
56/ 55		.1		.4		.2	.1											7	7	8	
54/ 53		.2	.2	.1	.1	.2	.1											9	9	9	2
52/ 51		.1	.1	.5	.6	.1	.1											13	13	9	5
50/ 49		.2	.1	.1	.6	.6												14	14	9	5
48/ 47	.1	.4	.1	.4	.4	.2												16	16	11	4
46/ 45			.5	1.7	.5		.1											23	23	16	12
44/ 43		.2	.7	.5	.5	.5												20	20	6	6
42/ 41		.7	.7	.4	1.2	.1												26	26	26	7
40/ 39	.6	2.0	.6	1.2	1.2	.4												50	50	40	14
38/ 37		1.4	.8	1.7	.6	.1												39	39	34	19
36/ 35		2.1	1.7	2.5	.8													60	60	29	22
34/ 33		1.9	4.7	3.0	.4													84	84	48	41
32/ 31	.2	2.8	4.6	2.0														82	82	64	34
30/ 29		2.5	2.6	.6														48	48	97	32
28/ 27	.2	1.9	2.1	.5	.1													41	41	89	34
26/ 25	.4	1.7	1.4	.4														32	32	54	47
24/ 23	.4	2.1	.8	.4														31	31	39	61
22/ 21	.2	2.8	2.6	.1														49	49	35	74
20/ 19		5.3	1.3	.1														57	57	47	50
18/ 17		2.8	.5															28	28	63	69
16/ 15	.2	2.2	1.1															30	30	31	45
14/ 13	.1	1.9																17	17	25	45
12/ 11		1.3	.1															12	12	20	55
10/ 9	.1	1.9																17	17	15	46
8/ 7	.1	.2																3	3	15	32
6/ 5		.1																1	1	3	14
4/ 3	.1																	1	1	1	15
2/ 1		.4																3	3	1	21

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												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (YEARS) | FEB (MONTH)

 1800-2000 (HOURS (L. S. T.))

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
0/ -1																				2	11
-2/ -3																					6
-4/ -5																					12
-6/ -7																					4
-8/ -9																					2
TOTAL	2.8	39.5	27.5	17.4	7.6	2.3	1.5	.7	.1										846		846
																		846		846	

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.	3756530	54956	65.0	14.860	846							
Dry Bulb	966310	26736	31.6	11.985	846		44.9	.1				84
Wet Bulb	753745	23649	28.0	10.472	846	.2	59.7					84
Dew Point	470640	17332	20.5	11.694	846	3.5	70.4					84

USAFETAC FORM 0-6-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

6773

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

 2100-2300 (HOURS (L. S. T.))

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
64/ 63					.1													1	1		
62/ 61				.2														2	2		
60/ 59		.1		.5		.1												6	6		
58/ 57		.2		.5	.2		.4											12	12	2	
56/ 55			.1	.4		.2												6	6	4	3
54/ 53			.4		.1	.2												6	6	5	
52/ 51			.1	.1	.1	.1	.1											5	5	8	3
50/ 49		.6	.6	.2	.2	.5	.2											20	20	5	4
48/ 47		.2	.1	.4	.5													10	10	10	12
46/ 45	.1	.1	.6	.9	.4													18	18	14	8
44/ 43	.2		.7	.6	.1													14	14	9	9
42/ 41		.4	.6	.2	.6													15	15	18	3
40/ 39	.1	1.8	.8	.8	.6													35	35	26	4
38/ 37		2.0	.4	.7	.4													29	29	31	20
36/ 35	.2	3.1	2.1	1.4														58	58	27	15
34/ 33	.1	1.7	2.7	1.7														52	52	44	36
32/ 31		2.7	5.6	1.3														91	81	51	34
30/ 29	.1	5.6	4.8															89	89	67	33
28/ 27	.7	3.4	2.2															54	54	119	42
26/ 25		2.7	1.8															38	38	69	46
24/ 23	.1	3.0	.9															34	34	43	65
22/ 21	.1	3.8	.6															38	38	41	65
20/ 19	.2	4.0	1.1	.2														47	47	34	69
18/ 17		3.4	.5															33	33	43	67
16/ 15	.1	3.2	.4															31	31	42	46
14/ 13	.1	3.0	.1															27	27	26	45
12/ 11	.7	2.1																24	24	31	47
10/ 9	.5	1.8																19	19	25	28
8/ 7	.2	1.8																17	17	17	30
6/ 5	.1	.8																8	8	16	21
4/ 3		.8																7	7	8	17
2/ 1	.4	.2																5	5	6	22
0/ -1	.5	.1																5	5	4	18
-2/ -3																				1	16

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 68-70,73-79 YEARS | FEB MONTH

 2100-2300 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
-4/ -5																					9
-6/ -7																					7
-8/ -9																					3
-10/-11																					1
-16/-17																					1
TOTAL	4.7	52.6	27.2	10.2	3.3	1.2	.8												846		846
																		846		846	

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.	4298555	59357	70.2	12.591	846							
Dry Bulb	818468	24218	28.6	12.172	846	.5	55.3					84
Wet Bulb	670061	21917	25.9	13.001	846	.5	63.8					84
Dew Point	451164	16690	19.7	12.011	846	5.5	72.4					84

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13640 | WRIGHT-PATTERSON AFB OH | 63-70,73-79 | FEB
STATION | STATION NAME | YEARS | MONTH

ALL
HOURS (L. S. T.)

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
74/ 73									.0	.0								4	4		
72/ 71									.0									1	1		
70/ 69								.0										1	1		
68/ 67								.1	.0	.0								10	10		
66/ 65					.0	.0	.1	.1	.0									17	17		
64/ 63				.0	.1	.0	.1	.1	.0									18	18		
62/ 61				.1	.1	.0	.0	.0										20	20		
60/ 59		.0	.1	.2	.0	.1	.1	.0										40	40		
58/ 57		.0	.1	.2	.1	.1	.1	.1										53	53	12	
56/ 55		.2	.1	.3	.0	.3	.1	.0										72	72	32	4
54/ 53		.1	.3	.3	.2	.4	.2	.0										97	97	53	19
52/ 51	.0	.2	.3	.2	.3	.3	.1	.0										98	98	53	26
50/ 49	.0	.2	.3	.2	.4	.4	.0	.1										111	111	82	42
48/ 47	.0	.2	.1	.3	.5	.2	.2											100	100	68	43
46/ 45	.0	.1	.4	.7	.3	.3	.1											132	132	97	61
44/ 43	.1	.3	.6	.4	.5	.3	.1											145	145	101	60
42/ 41	.0	.7	.7	.5	.3	.2												197	197	169	49
40/ 39	.3	1.3	.9	.9	.7	.1	.0											275	275	204	74
38/ 37	.0	1.5	1.3	1.1	.5	.1												310	310	216	144
36/ 35	.1	2.4	2.0	1.5	.3													426	426	279	146
34/ 33	.1	2.7	3.1	1.5	.1	.0												514	514	431	232
32/ 31	.2	2.9	3.4	.7	.0	.0												490	490	481	330
30/ 29	.2	3.3	2.9	.4	.1	.0												467	467	600	286
28/ 27	.2	3.3	2.2	.3	.0													413	414	569	352
26/ 25	.1	2.6	1.8	.1	.0													334	334	471	380
24/ 23	.3	2.8	1.1	.1														298	298	393	393
22/ 21	.7	3.0	1.3	.1														337	337	371	496
20/ 19	.5	4.0	.7	.1														363	363	338	529
18/ 17	.3	3.3	.6	.0														281	282	366	429
16/ 15	.3	2.8	.5															2[illegible]		278	399
14/ 13	.2	2.4	.2															[illegible]	[illegible]5	229	388
12/ 11	.4	1.7	.1															156	157	216	352
10/ 9	.4	1.7																142	142	170	293
8/ 7	.2	1.1																88	88	123	262

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) FEB (MONTH)

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

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
6/ 5	.3	.7																65	65	100	139
4/ 3	.3	.8																72	72	68	149
2/ 1	.6	.6																82	82	83	192
0/ -1	.7	.1																54	54	62	122
-2/ -3	.3	.1																23	23	27	114
-4/ -5	.1	.0																12	12	14	96
-6/ -7	.1																	6	6	6	56
-8/ -9	.0																	1	1	1	53
-10/-11																					30
-12/-13																					9
-14/-15																					10
-16/-17																					2
-18/-19																					2
TOTAL	7.2	47.6	25.0	10.2	5.1	3.0	1.1	.6	.2	.1									6767		6763
																		6763		6763	

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.	33446792	464994	68.8	14.774	6763							
Dry Bulb	6847052	196094	29.0	13.120	6767	9.5	409.7	1.6	.4			672
Wet Bulb	5460611	175607	26.0	11.542	6763	10.9	493.4					672
Dew Point	3565928	130780	19.3	12.384	6763	49.1	582.6					672

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) MAR (MONTH)

 0000-0200 (HOURS (L. S. T.))

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
72/ 71							.3											3	3		
70/ 69						.3												3	3		
68/ 67					.1													1	1		
66/ 65					.1	.3	.2											6	6		
64/ 63		.2		.2	.3	.2	.2	.2										13	13		
62/ 61		.2	.2	1.0	.3													16	16	5	
60/ 59		.3	.9	.9	.8	.2	.4											32	32	7	2
58/ 57		.6	.9	.5	.5	.1												25	25	14	3
56/ 55		.8	.1	.1	.1	.1		.2										13	13	28	8
54/ 53		.5	.3	.8			.2	.2										23	23	31	18
52/ 51		1.6	.8	.9		.3												33	33	20	30
50/ 49	.3	1.4	1.5	1.1	.6	.6												52	52	36	31
48/ 47		1.3	.9	.8	.6													33	33	35	32
46/ 45	.4	1.6	.5	.9	.2													34	34	36	21
44/ 43	.1	1.0	1.4	1.3	.4													39	39	37	35
42/ 41	.1	1.1	1.3	.6	.1	.2												32	32	41	36
40/ 39	.1	1.7	1.2	1.2	.4	.1												44	44	45	18
38/ 37	.5	3.6	2.0	1.8	.5													79	79	44	36
36/ 35	.2	3.2	3.9	.8														75	75	62	40
34/ 33	.2	2.5	2.8	1.4	.3													67	67	65	56
32/ 31	.1	2.9	4.0	.6														71	71	84	60
30/ 29	.3	2.7	3.7	.1														63	63	65	50
28/ 27	.1	3.3	1.6															47	47	75	51
26/ 25	.4	2.7	1.3															41	41	74	55
24/ 23	.2	1.3	.8															21	21	41	71
22/ 21	.4	1.8	1.3															30	30	26	57
20/ 19		1.0	.3															12	12	22	67
18/ 17		.5																5	5	15	44
16/ 15	.1	.2																3	3	7	30
14/ 13	.1	.2																3	3	4	31
12/ 11		.3																3	3		14
10/ 9	.1	.3																4	4	5	16
8/ 7		.2																2	2	2	3
6/ 5																				2	5

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13843 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) MAR (MONTH)

PAGE 2 0000-0200 (HOURS (L. S. T.))

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
2/ 1																					4
0/ -1																					2
-2/ -3																					2
TOTAL	4.3	39.2	31.7	14.9	5.6	2.6	1.4	.6											928		928
																		928		928	

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.	5015613	66937	72.1	14.219	928							0 %
Dry Bulb	1535337	36089	38.9	11.927	928		30.6	.7				0 %
Wet Bulb	1278707	32939	35.5	10.871	928		42.3					0 %
Dew Point	982242	28004	30.2	12.165	928	.4	56.3					0 %

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 69-70,73-79 (YEARS) MAR (MONTH)

 0300-0500 (HOURS (L. S. T.))

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
72/ 71							.1											1	1		
70/ 69					.1													1	1		
68/ 67					.3													3	3		
66/ 65		.2		.2	.1	.3												8	8		
64/ 63		.1		.3	.3	.1												7	7	2	
62/ 61		.3		.2	.4	.5												14	14	4	2
60/ 59		.3	1.1	.6	.2	.3	.1											25	25	8	1
58/ 57		.8	1.0	.3	.4		.2											25	25	15	6
56/ 55		.8	.6	.5	.1													19	19	21	11
54/ 53		1.0	.1	.1	.3		.2	.1										17	17	23	14
52/ 51		1.9	.9	.2		.2												30	30	25	26
50/ 49	.6	1.3	1.8	.4	.3	.1												42	42	34	39
48/ 47	.1	1.6	.8	.3	.8	.1												34	34	28	25
46/ 45	.2	.9	1.1	.4	.2													26	26	32	17
44/ 43	.4	1.7	.8	1.3	.4													43	43	35	37
42/ 41	.4	.6	1.3	1.2	.4													37	37	30	38
40/ 39	.2	1.1	1.1	.4	.4	.3												33	33	38	23
38/ 37	.4	3.2	1.2	.3	.8													51	51	40	21
36/ 35	.3	4.3	2.7	1.0														77	77	57	29
34/ 33	.5	3.3	3.5	.9														77	77	68	44
32/ 31	.2	3.7	3.5	.6														75	75	79	66
30/ 29	.4	3.3	1.7															51	51	78	67
28/ 27	.4	4.5	1.4	.1														60	60	75	42
26/ 25	.1	4.2	1.5															54	54	56	56
24/ 23	1.3	1.5	.8															33	33	60	63
22/ 21	.9	1.2	.8															26	26	36	69
20/ 19	.3	1.8	.2															2	22	26	76
18/ 17	.1	1.3	.1															14	14	22	41
16/ 15	.1	1.0																10	10	11	30
14/ 13	.2	.4																6	6	11	30
12/ 11																				2	16
10/ 9																					18
8/ 7		.6																6	6	2	9
6/ 5		.3																3	3	7	4

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 66-70,73-79 (YEARS) MAR (MONTH)

PAGE 2 0300-0500 (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
4/ 3																					1
2/ 1																					4
0/ -1																					4
-4/ -5																					1
TOTAL	7.3	47.3	27.8	9.5	5.3	2.0	.6	.1									930	930		930	
																			930		

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.	5429229	69917	75.2	13.642	930							
Dry Bulb	1429415	34645	37.3	12.223	930		56.0	.5				93
Wet Bulb	1219046	31988	34.4	11.308	930		46.5					93
Dew Point	964848	27624	29.7	12.464	930	.5	59.7					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 68-70,73-79 YEARS | MAR MONTH

 0600-0800 HOURS (L. S. T.)

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				
68/ 67				.1	.2													3	3		
66/ 65		.1	.1	.1		.1												4	4		
64/ 63		.1	.2	.1	.2	.2												8	8	1	1
62/ 61			.6	1.0	.5	.2												24	24	3	1
60/ 59		.3	1.4	.4	.3		.1											24	24	7	2
58/ 57		.6	.6	.3	.1	.1												17	17	13	6
56/ 55		.3	.5	.5	.2	.1	.1											17	17	37	12
54/ 53	.3	1.1	.4	.5	.2	.2												26	26	23	20
52/ 51	.1	1.1	.5	.3	.4													23	23	22	28
50/ 49	.2	2.2	.3	.3	.6													34	34	22	23
48/ 47	.2	1.5	1.3	.3	.3													34	34	36	23
46/ 45	.5	1.0	.9	.5	.3													30	30	26	37
44/ 43	.1	2.3	1.5	.9	.5	.1												50	50	41	25
42/ 41		.5	1.3	1.3														29	29	29	22
40/ 39	.4	.8	1.9	.8		.2												38	38	35	28
38/ 37	.2	1.4	1.1	.8	.1													33	33	39	29
36/ 35	.6	3.1	2.3	.9	.1													65	65	41	33
34/ 33	1.0	5.1	2.6	1.3														92	92	71	44
32/ 31	.2	5.5	4.3	.2														95	95	95	72
30/ 29	.2	2.8	2.0															47	47	69	62
28/ 27	.3	4.5	1.0															54	54	81	63
26/ 25		3.8	1.5															49	49	55	55
24/ 23	.5	2.3	1.3															38	38	57	45
22/ 21	1.3	2.3																33	33	39	60
20/ 19	.6	1.7																22	22	35	85
18/ 17	.1	1.3																13	13	16	45
16/ 15		.3																3	3	10	31
14/ 13	.3	.5																8	8	7	28
12/ 11	.4	.5																9	9	8	15
10/ 9	.1	.2																3	3	5	21
8/ 7		.3																3	3	4	8
6/ 5																				1	4
4/ 3	.1																	1	1	1	3
2/ 1		.1																1	1	1	3

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												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 | WRIGHT-PATTERSON AFB OH | 68-70,73-79 | MAR
STATION | STATION NAME | YEARS | MONTH

 | 0600-0800 HOURS (L. S. T.)

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
1/ -1																					2
-2/ -3																					2
-4/ -5																					1
TOTAL	0.	14	7.5	7.	7	10.6	4.5	1.3	.2										930		930
																		930		930	

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.	5528725	70683	76.0	12.983	930							
Dry Bulb	1400674	34232	36.8	12.304	930		37.9	.3				93
Wet Bulb	1202814	31716	34.1	11.422	930		48.4					93
Dew Point	960434	27524	29.6	12.529	930	.5	60.5					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13841 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 63-70, 73-79 (YEARS) MAR (MONTH)

 0900-1100 (HOURS (L. S. T.))

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
74/ 73						.2												2	2		
72/ 71				.1	.2		.1											4	4		
70/ 69				.1	.5	.2		.2										11	11		
68/ 67				.4	.2	.3	.1			.1								17	17		
66/ 65			.3	.4	.3	.4	.3	.1	.2	.1								21	21	1	
64/ 63		.1	.1	.4	.1	.3	.2	.2										14	14	8	
62/ 61			.2	.5	.3	.2	.4	.1	.1	.1								19	19	13	2
60/ 59		.1	1.1	.5	.3	.5	.4	.1										29	29	18	8
58/ 57		.6	.2	.4	.5	.2	.2	.2	.1									24	24	19	12
56/ 55		.8	.5	.5	.5	.4	.3	.1										30	30	24	15
54/ 53	.3	.6	.8	.3	.4	.5	.2	.2										32	32	28	28
52/ 51		1.2	.5	.4	1.0	.4	.1											34	34	30	22
50/ 49		1.4	.9	.8	.8	.6	.3											44	44	41	23
48/ 47		1.3	.5	1.0	.8	.6	.1											40	40	28	29
46/ 45	.4	.6	1.3	1.3	.6	.1	.3											44	44	43	27
44/ 43		1.1	.9	1.8	1.3													47	47	34	25
42/ 41		.5	2.2	1.6	1.0	.2												51	51	51	28
40/ 39	.3	.6	1.8	2.3	.4	.1												52	52	41	27
38/ 37	.3	1.0	2.3	2.2	.4													57	57	66	33
36/ 35	.5	2.3	2.8	1.2	.4													67	67	64	40
34/ 33	.2	2.8	2.6	1.6	.1													68	68	77	59
32/ 31	.2	1.9	3.9	1.1														66	66	77	71
30/ 29		1.9	2.9	.2	.2													49	49	64	51
28/ 27		1.5	1.2	.3														28	28	67	62
26/ 25		1.5	1.2	.2														27	27	44	61
24/ 23		.9	.5															13	13	28	61
22/ 21	.2	.8	.5															14	14	24	61
20/ 19	.2	.5	.3															10	10	13	46
18/ 17		.5	.1															6	6	13	36
16/ 15		.4																4	4	4	32
14/ 13		.3																3	3	4	21
12/ 11	.1	.1																2	2	4	12
10/ 9																				1	12
8/ 7		.1																1	1	1	10

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	≥ 75 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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) MAR (MONTH)

 0900-1100 (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
6/ 5																					4
4/ 3																					1
2/ 1																					2
TOTAL	2.9	25.6	29.6	19.8	11.3	5.6	3.2	1.3	.4	.3								930			930
																		930		930	

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.	4413245	62317	67.0	15.990	930							
Dry Bulb	1790003	39093	42.0	12.567	930		22.3	3.4	.2			93
Wet Bulb	1425551	34915	37.5	11.113	930		34.4					93
Dew Point	1044918	28922	31.1	12.514	930		55.2					93

USAFETAC FORM 0-26-5 (OL A) JUL 66 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 — STATION
WRIGHT-PATTERSON AFB OH — STATION NAME
68-70,73-79 — YEARS
MAR — MONTH

1200-1400 — HOURS (L. S. T.)

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
80/ 79								.2		.1								3	3		
78/ 77							.4	.1	.1		.1							7	7		
76/ 75						.1	.1	.4	.2		.2							10	10		
74/ 73					.4	.4	.4	.3	.1		.2							18	18		
72/ 71				.2	.4	.4	.5	.1	.2	.4	.1							23	23		
70/ 69				.3	.1	.6	.2	.2	.1	.4								19	19		
68/ 67			.1		.3	.3	.9	.2	.5	.2	.1							25	25	2	
66/ 65				.1	.4	.6	.5	.1	.8		.1							25	25	14	
64/ 63			.2	.4	.3	.3	.4	.5	.3	.1	.3							28	28	15	
62/ 61			.5	.3	.2	.5	.3	.3		.1								22	22	13	2
60/ 59			.6	.1	.5	.3	.4	.2	.4	.1								26	26	26	10
58/ 57			1.0	.5	.2	.8	.6	.2	.1									32	32	23	14
56/ 55	.1	.8	.3	.4	.8	1.0	.6	.2		.1								40	40	29	16
54/ 53	.2	.4	.2	.5	.9	.9	.3		.1									33	33	49	18
52/ 51		.6	.5	.4	1.0	.8	.5	.3	.1									40	40	27	40
50/ 49	.2		.6	1.9	.5	1.2	.5	.1										48	48	39	20
48/ 47	.2	.9	.2	.9	.9	.8	.3											38	38	39	19
46/ 45		.4	.6	1.3	1.7	1.0												47	47	47	28
44/ 43		1.0	.5	1.7	1.2	1.0												50	50	49	28
42/ 41		1.1	.4	2.5	1.5	.9												59	59	50	24
40/ 39	.3	1.3	2.0	2.4	1.6	.2												73	73	54	36
38/ 37	.3	.9	1.3	1.9	1.2													49	49	69	47
36/ 35		1.2	1.4	1.3	.8	.2												45	45	79	58
34/ 33		1.3	1.8	1.4	.4													46	46	60	39
32/ 31		1.4	2.2	1.1	.3													46	46	68	62
30/ 29		.2	1.1	.8														19	19	53	60
28/ 27		.5	.9	.3														16	16	35	51
26/ 25		.4	1.0	.1														14	14	31	54
24/ 23		.3	.5															8	8	27	56
22/ 21		.3	1.1															13	13	10	45
20/ 19		.5																5	5	10	50
18/ 17		.2																2	2	9	42
16/ 15																					34
14/ 13																					16

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 | WRIGHT-PATTERSON AFB OH | 68-70,73-79 | MAR
STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

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
12/ 11	.1																	1	1	1	21
10/ 9																					9
8/ 7																					15
6/ 5																					6
4/ 3																					3
TOTAL	1.5	13.8	18.9	21.0	15.7	12.3	7.3	3 7	3.1	1.6	1.2								930		930
																		930		930	

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.	338275n	53614	57.6	17 727	930							
Dry Bulb	2247151	43923	47.2	13 635	930		12.4	10.5	3.8	.1		93
Wet Bulb	1646005	37697	40.5	11 269	930		24.6	.2				93
Dew Point	1091768	29514	31.7	12 922	930		52.4					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 — STATION
WRIGHT-PATTERSON AFB OH — STATION NAME
68-70,73-79 — YEARS
MAR — MONTH

1500-1700 — HOURS (L. S. T.)

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
82/ 81									.3		.1							4	4		
80/ 79								1	.1	.1	.2	.1						6	6		
78/ 77							.2	4	.1	.3	.3							13	13		
76/ 75						.2	.5	3	.2	.2	.4							20	20		
74/ 73					.1	.3		2	.5	.2	.3							16	16		
72/ 71						.1	.2		.1	.5	.2							11	11		
70/ 69					.2	.6	.4	3	.3	.2								24	24		
68/ 67			.1		.2	.4	.6	9	.1		.1	.2						25	25		
66/ 65			.1	.4	.2	.8		8	.4	.5	.3							34	34	13	
64/ 63		.1	.2	.1	.4	1.0	.1	1	.9	.1	.2							30	30	13	
62/ 61		.1	.1	.1	1.1	.6	.1	4	.4	.3								31	31	17	1
60/ 59	.1	.2	.3	.9	.1	.4	1.1	2										31	31	24	12
58/ 57		.3	.2	.6	.3	.5	.6	2	.1	.1								29	29	31	8
56/ 55		1.2	.4	.5	.5	1.0	.2	1	.2	.2								41	41	42	20
54/ 53		.3	.1	1.0	1.2	.3	.9	4		.1								40	40	57	17
52/ 51	.2	.2	.2	.2	.2	1.0	1.2	1										31	31	28	31
50/ 49		.4	.6	1.2	.9	.6	.4	1										40	40	28	29
48/ 47	.1	.3	.3	1.0	1.8	.8	.4	1										45	45	57	38
46/ 45		.6	.4	1.0	1.8	1.3	.4											52	52	40	29
44/ 43		.9	.5	1.6	1.5	2.0												61	61	42	29
42/ 41		.9	1.5	1.5	1.4	.9												52	52	54	33
40/ 39	.2	1.7	1.9	1.4	1.3	.4	.1											66	66	58	30
38/ 37		1.2	1.1	2.4	1.0	.3												55	55	83	49
36/ 35		1.2	.5	.9	.5													29	29	68	52
34/ 33		.5	.9	1.2	.9													32	32	67	45
32/ 31		1.6	1.9	.9	.2													43	43	44	54
30/ 29		1.2	1.0	.4														24	24	56	52
28/ 27		.9	1.1															18	18	40	60
26/ 25		.3	.4															7	7	31	58
24/ 23			.4															4	4	14	41
22/ 21		.4	.5															9	9	9	44
20/ 19	.1	.4	.2															7	7	6	58
18/ 17																				7	44
16/ 15																				1	30

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 68-70,73-79 YEARS | MAR MONTH

 1500-1700 HOURS (L. S. T.)

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
14/ 13																					27
12/ 11																					18
10/ 9																					9
8/ 7																					6
6/ 5																					9
TOTAL	.3	15.1	14.7	17.2	15.9	13.9	7.6	5.5	3.9	3.0	2.3	.3							930		930
																		930		930	

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.	3180699	51443	55.3	^.993	930							
Dry Bulb	2399059	45445	48.9	^.856	930		11.2	11.9	5.9	.7		93
Wet Bulb	1706314	38508	41.4	^.972	930		20.8					93
Dew Point	1092859	29647	31.9	^.611	930		51.0					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 68-70,73-79 YEARS | MAR MONTH

 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
78/ 77									.1		.2							3	3		
76/ 75								.2	.1		.1							4	4		
74/ 73						.1		.3		.2	.2							8	8		
72/ 71					.1		.4	.3	.2	.1								11	11		
70/ 69					.2	.3	.4	.1	.3	.2								15	15		
68/ 67					.3	.8	.4	.4	.2									20	20		
66/ 65			.1	.3	.3	.4	.5	.3	.3		.1							23	23		
64/ 63		.1	.3	.4	.2	.3	.6	.3	.2									24	24	3	
62/ 61		.3	.3	.6	1.4	.4	.2	.3	.1	.1	.1							37	37	13	
60/ 59		.2	.6	.4	.3	.6	.4	.6		.1								32	32	21	5
58/ 57		.4	.6	.8	.5	.4	.3	.5	.3									37	37	31	7
56/ 55		.4	.6	.5	.4	.9	.6		.2									35	35	35	15
54/ 53		.8	.3	1.3	.9	.5	.4	.1	.1									40	40	49	15
52/ 51		.5	.4	.9	.4	.5	.3	.2	.1									32	32	36	36
50/ 49		.6	.6	.8	.9	.9	.1	.2										38	38	28	27
48/ 47		.4	.5	.9	1.6	.5	.4	.1										42	42	44	28
46/ 45		.4	.9	1.6	1.1	.6	.2											45	45	44	34
44/ 43		1.3	.8	1.0	.6	.8	.1											42	42	42	29
42/ 41		1.3	.4	2.0	1.3	.4												51	51	47	36
40/ 39	.3	1.5	1.2	2.0	1.9	.1	.1											67	67	67	37
38/ 37		2.3	2.2	2.2	.9	.3												72	72	55	38
36/ 35		1.6	2.3	2.3	.1	.1												59	59	57	54
34/ 33		.1	1.6	1.1	.4													30	30	81	40
32/ 31		1.0	3.4	1.6	.3													59	59	65	52
30/ 29	.5	1.5	1.8	.2	.1													39	39	62	71
28/ 27		1.5	1.4	.4														31	31	54	56
26/ 25		.4	.5															9	9	46	42
24/ 23		.4	.1															5	5	22	50
22/ 21		.3	.5															8	8	9	57
20/ 19	.3	.5																8	8	9	56
18/ 17		.1	.1															2	2	6	57
16/ 15			.1															1	1	2	26
14/ 13		.1																1	1	1	21
12/ 11																				1	12

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) 6/64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 68-70,73-79 YEARS | MAR MONTH

PAGE 2 | 1800-2000 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
13/ 9																					11
8/ 7																					8
6/ 5																					4
4/ 3																					4
2/ 1																					2
TOTAL	1.2	18.3	21.9	21.3	14.3	9.1	5.8	4.2	2.4	.8	.8							930	930		930
																		930		930	

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.	3708072	56270	60.5	18.07	930							
Dry Bulb	2077579	42297	45.5	12.87	930		16.3	6.1	1.5			93
Wet Bulb	1554858	36706	39.5	10.68	930		27.7					93
Dew Point	1053862	29142	31.3	12.30	930		52.9					93

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64
USAFETAC
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 68-70,73-79 YEARS | MAR MONTH

 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
74/ 73							.1	.1										1	1		
72/ 71							.1	.1										2	2		
70/ 69						.3		.1										4	4		
68/ 67					.2	.6	.1	.1										9	9		
66/ 65				.1	.4	.4	.1	.1										11	11		
64/ 63		.1	.1	.4	.4	.2	.2	.1	.2									22	22		
62/ 61		.3	.4	.3	1.	.2	.4											25	25	2	
60/ 59		.4	.6	.6	.4	.1	.2											24	24	13	3
58/ 57		.5	1.4	.9	.6	.1	.4											38	38	26	3
56/ 55		.5	.6	.4	.3	.4	.4		.3									29	29	27	9
54/ 53	.2	.9	.8	.3	.3	.3	.2	.1										29	29	36	25
52/ 51		1.1	.8	.3	.9	.5	.2											35	35	38	19
50/ 49	.3	.5	2.0	1.0	1.1	.2	.1											48	48	37	46
48/ 47	.1	1.0	.5	.5	.8	.2												29	29	28	31
46/ 45		1.1	1.6	1.0	.0		.1											41	41	38	19
44/ 43	.1	1.0	1.1	1.4	.4	.3												40	40	42	33
42/ 41		1.2	1.8	1.2	.3													42	42	53	42
40/ 39	.4	1.6	2.3	1.6	1.2	.3												69	69	46	24
38/ 37	.5	3.0	1.2	1.7	.3	.2												65	65	63	36
36/ 35		2.3	4.2	1.6	.5													80	80	60	61
34/ 33		1.1	3.3	1.7	.1													56	58	54	51
32/ 31	.3	1.8	3.0	1.4														61	61	77	57
30/ 29	.1	3.1	2.6	.3	.1													58	58	76	45
28/ 27		2.0	1.9	.1														38	38	79	52
26/ 25		1.3	1.3	.1														25	25	46	48
24/ 23	.1	1.0	.3	.1														14	14	40	55
22/ 21	.3	1.3																15	15	21	57
20/ 19	.1	.6																7	7	10	85
18/ 17		.2																2	2	7	48
16/ 15		.3																3	3	3	21
14/ 13		.1																1	1	2	21
12/ 11	.1	.4																5	5	2	16
10/ 9																				4	6
8/ 7																					7

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13040 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) MAR (MONTH)

PAGE 2 2100-2300 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
6/ 5																					2
4/ 3																					4
2/ 1																					3
0/ -1																					1
TOTAL	2.8	28.8	32.0	17.2	10.1	4.5	3.2	.8	.5									930	930	930	930

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.	4525561	63255	68.01	15.501	930							
Dry Bulb	1737085	38613	41.51	12.005	930		22.9	1.6	.1			93
Wet Bulb	1396411	34647	37.31	10.664	930		36.7					93
Dew Point	1032484	28876	31.01	12.095	930	.1	52.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 66-70,73-79 (YEARS) MAR (MONTH)

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

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
82/ 81									.0		.0							4	4		
80/ 79								.0	.0	.0	.0	.0						9	9		
78/ 77							.1	.1	.0	.0	.1							23	23		
76/ 75						.0	.1	.1	.1	.0	.1							34	34		
74/ 73					.1	.1	.1	.1	.1	.1	.1							45	45		
72/ 71				.0	.1	.1	.2	.1	.1	.1	.0							55	55		
70/ 69				.1	.2	.3	.1	.2	.1	.1								77	77		
68/ 67			.0	.1	.3	.3	.3	.2	.1	.0	.0	.0						103	103	2	
66/ 65		.0	.1	.2	.2	.0	.2	.2	.2	.1	.1							132	132	28	
64/ 63		.1	.1	.3	.3	.3	.3	.2	.2	.0	.1							146	146	42	1
62/ 61		.2	.3	.5	.3	.3	.2	.1	.1	.1	.0							188	188	70	15
60/ 59	.0	.2	.8	.6	.4	.3	.4	.1	.1	.0								223	223	124	41
58/ 57		.5	.7	.6	.4	.3	.3	.1	.1	.0								227	227	172	59
56/ 55	.0	.7	.5	.5	.4	.5	.3	.1	.1	.0								224	224	243	106
54/ 53	.1	.7	.4	.6	.5	.3	.3	.1	.0	.0								240	240	301	165
52/ 51	.0	1.0	.6	.5	.5	.5	.3	.1	.0									258	258	226	234
50/ 49	.2	1.0	1.1	.9	.7	.5	.2	.1										346	346	265	235
48/ 47	.1	1.0	.6	.7	.9	.4	.2	.0										295	295	295	225
46/ 45	.2	.8	.9	1.0	.8	.4	.1											319	319	306	212
44/ 43	.1	1.3	.9	1.4	.8	.5	.0											372	372	322	241
42/ 41	.1	.9	1.2	1.5	.8	.3												353	353	355	259
40/ 39	.3	1.3	1.7	1.5	.9	.2	.0											442	442	384	223
38/ 37	.3	2.1	1.5	1.7	.6	.1												461	461	459	280
36/ 35	.2	2.4	2.5	1.2	.3	.0												497	497	488	367
34/ 33	.2	2.1	2.4	1.3	.3													470	470	543	378
32/ 31	.1	2.5	3.3	.9	.1													516	516	589	494
30/ 29	.2	2.1	2.1	.3	.1													350	350	523	458
28/ 27	.1	2.4	1.3	.2														292	292	506	437
26/ 25	.1	1.8	1.1	.1														226	226	383	429
24/ 23	.3	1.0	.6	.0														136	136	289	442
22/ 21	.4	1.0	.6															148	148	174	450
20/ 19	.2	.9	.1															93	93	131	523
18/ 17	.0	.5	.0															44	44	95	357
16/ 15	.0	.3	.0															24	24	40	234

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 WRIGHT-PATTERSON AFB OH 68-70,73-79 MAR
STATION STATION NAME YEARS MONTH

 ALL
HOURS (L. S. T.)

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
14/ 13	.1	.2																22	22	29	155
12/ 11	.1	.2																20	20	18	124
10/ 9	.0	.1																7	7	15	102
8/ 7		.2																12	12	9	75
6/ 5		.0																3	3	10	38
4/ 3	.1																	1	1	1	16
2/ 1		.0																1	1	1	18
0/ -1																					9
-2/ -3																					4
-4/ -5																					2
TOTAL	3.6	29.4	25.6	16.8	10.3	6.4	3.7	2.0	1.3	.7	.5	.0						7438	7438	7438	7438

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.	35183914	494436	66.5	17.649	7438							
Dry Bulb	14616303	314337	42.3	13.384	7438		189.6	35.0	11.5	.8		744
Wet Bulb	11429706	279116	37.5	11.336	7438		281.4	.2				744
Dew Point	8223915	229253	30.8	12.475	7438	1.5	449.8					744

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
6784

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) APR (MONTH)

 0000-0200 (HOURS (L. S. T.))

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
76/ 75					.2													2	2		
74/ 73				.2	.1													3	3		
72/ 71				.1			.1	.1										3	3		
70/ 69				.2		.1	.1	.1										5	5		
68/ 67		.3			1.2	.7	.4	.2										26	26	6	
66/ 65		.2	.3	.4	.7	.6		.4										24	24	3	6
64/ 63		.6	1.7	.7	.9	1.1	.1											45	45	5	2
62/ 61		.8	1.0	1.4	.3	.6	.1											38	38	10	7
60/ 59	.1	1.3	.9	.6	1.0	.8	.2											44	44	44	10
58/ 57	.1	1.0	1.1	.7	.6	.7												42	42	44	31
56/ 55	.2	1.6	.8	.4	1.2	.6	.2											44	44	56	35
54/ 53		.4	.4	.8	.9	.3	.4											30	30	41	32
52/ 51	.1	1.1	1.7	.7	.9	.8												47	47	41	37
50/ 49	.2	.6	1.3	2.1	.2													40	40	31	42
48/ 47	.1	2.2	1.0	2.1	.7													55	55	43	27
46/ 45		1.8	4.2	1.1	.2													66	66	59	27
44/ 43		2.0	3.4	3.2	.4													83	83	60	49
42/ 41		1.4	4.1	2.4	.4													76	76	91	51
40/ 39		1.8	3.6	.9	.2													58	58	63	66
38/ 37		2.4	2.6	1.4	.1													59	59	84	49
36/ 35		1.6	1.6	.7	.2													36	36	68	78
34/ 33	.1	1.1	1.1	.3														24	24	49	58
32/ 31		.9	1.6	.7														28	28	35	94
30/ 29		.2	1.3															11	11	28	53
28/ 27			1.2															9	9	16	41
26/ 25		.1		.1														2	2	17	23
24/ 2																				5	23
22/ 21																				1	20
20/ 19																					7
18/ 17																					20
16/ 15																					7
14/ 13																					4
6/ 5																					1

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) 3/E 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 WRIGHT-PATTERSON AFB OH 68-70,73-79 APR
STATION STATION NAME YEARS MONTH

 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.[illegible]	24.0	34.3	21.4	10.3	6.1	1.9	.9										900	900	960	900

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.	4635065	63399	70.4	13.712	900							
Dry Bulb	2191461	43399	48.2	10.479	900		5.0	3.9	.5			9[illegible]
Wet Bulb	1808352	39400	43.8	9.638	900		10.2	.6				[illegible]
Dew Point	1449284	34736	38.6	10.992	900		29.3					90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
6785

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) APR (MONTH)

 0300-0500 (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
72/ 71				.1														1	1		
70/ 69		.1	.4				.1											6	6		
68/ 67	.2	.1		.1	.7	.2	.2											14	14	7	2
66/ 65		.1	.3	.3	.1	.8	.1											16	16	2	5
64/ 63		.6	1.2	1.1	1.1	.2	.1											38	38	2	2
62/ 61	.1	.8	.4	1.0	.6	.2	.4											32	32	14	7
60/ 59	.3	1.1	1.1	1.1	.3	.1	.1											38	38	32	12
58/ 57	.1	1.2	.7	1.2	.8	.2	.2											40	40	36	21
56/ 55	.2	1.7	.7	1.1	.6	.4												42	42	46	29
54/ 53		1.4	1.9	1.2	.2	.3												46	46	34	31
52/ 51	.1	1.0	.9	.4	.8	.3												32	32	47	29
50/ 49		.3	1.7	.2	.8	.1												28	28	39	48
48/ 47	.1	1.3	.9	1.1	.4													39	39	29	31
46/ 45	.2	1.0	2.4	1.6														55	55	43	27
44/ 43		1.9	3.2	.6	.1													52	52	42	39
42/ 41	.1	3.2	5.0	2.3	.4													100	100	71	47
40/ 39	.7	3.1	4.7	.4	.3													83	83	62	53
38/ 37	.2	3.0	3.6	.4	.2													67	67	86	46
36/ 35	.2	1.8	2.4	.3														43	43	77	76
34/ 33	.1	2.1	1.3	.4														36	36	59	63
32/ 31	.4	1.8	1.8	.2														38	38	46	102
30/ 29		1.2	1.4															24	24	41	54
28/ 27		.7	1.6															20	20	24	55
26/ 25	.1	.2	.7	.1														10	10	25	28
24/ 23																				10	18
22/ 21																				4	26
20/ 19																					15
18/ 17																					18
16/ 15																					9
14/ 13																					4
12/ 9																					2
8/ 7																					1
TOTAL	3.3	30.7	38.3	15.6	7.8	3.0	1.3											900	900		900
																		900		900	

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.	5086893	66633	74.0	13.072	900							
Dry Bulb	1292541	41243	45.8	10.681	900		9.2	2.1				90
Wet Bulb	1688596	37940	42.2	9.962	900		15.0	.7				93
Dew Point	1387662	33884	37.6	11.160	900		33.2	.2				95

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 68-70,73-79 YEARS | APR MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

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
74/ 73			.1															1	1		
72/ 71			.1			.1												2	2		
70/ 69			.2			.2												4	4	1	
68/ 67	.3			.1	.4	.7	.1											15	15	5	5
66/ 65		.3	.1	1.1	1.1	.1	.1											26	26	1	1
64/ 63		.9	.4	1.1	.9	.2	.1											33	33	4	5
62/ 61	.1	.4	.4	.4	.9	.6	.2											28	28	15	3
60/ 59	.6	1.2	1.3	.9	.4	.7												46	46	36	15
58/ 57		2.8	.6	.8	.9	.3	.1											48	48	42	7
56/ 55	.2	1.8	.2	1.2	.4	.1												36	36	50	53
54/ 53		1.0	.4	.7	.7													25	25	36	38
52/ 51	.1	1.4	.8	.7	.9	.1												36	36	37	35
50/ 49		.2	1.7	1.1	.4													31	31	33	35
48/ 47	.2	1.8	1.9	2.2	1.3	.1												68	68	30	17
46/ 45	.1	2.7	2.7	1.2	.3													63	63	43	28
44/ 43	.1	1.3	3.8	1.2	.2													60	60	67	41
42/ 41	.1	2.6	2.2	1.3	.2	.1												59	59	64	57
40/ 39	.6	2.7	4.6	.8	.2	.1												80	80	76	46
38/ 37	.3	3.6	3.4	.9														74	74	77	59
36/ 35		2.1	1.3	.2														33	33	76	75
34/ 33	.6	2.2	1.7	.3														43	43	66	67
32/ 31	.3	1.8	2.0	.1														38	38	42	86
30/ 29		.9	1.1															18	18	34	64
28/ 27		.9	1.4															21	21	23	43
26/ 25	.1	.3	.6															9	9	26	31
24/ 23	.1	.1	.1															3	3	7	14
22/ 21																				6	17
20/ 19																				1	26
18/ 17																					17
16/ 15																					9
14/ 13																					3
10/ 9																					2
TOTAL	3.9	33.0	33.2	16.4	9.3	3.4	.7											900	900	900	900

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.	5084364	66486	74.0	13.259	900							
Dry Bulb	2022152	41538	46.2	10.809	900		8.9	2.2	.1			91
Wet Bulb	1714595	38225	42.5	10.066	900		13.9	.6				9
Dew Point	1408714	34150	37.9	11.207	900		31.3	.5				32

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64
USAFETAC
6586

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 | WRIGHT-PATTERSON AFB OH | 68-70,73-79 | APR
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0900-1100
HOURS (L. S. T.)

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
82/ 81									.1									1	1		
80/ 79				.1			.1	.1	.1	.2								6	6		
78/ 77			.1			.1	.2	.4	.1									9	9		
76/ 75			.1			.2	.4	.7	.2	.2								17	17	1	
74/ 73		.1			.2	.3	.4			.1								11	11	2	1
72/ 71	.1			.3	.6	1.0	.6	.6	.3									31	31	2	4
70/ 69	.1		.1	.6	.3	.2	.6		.2		.1							20	20	1	1
68/ 67		.1	.3	.7	.4	.2	.3	.2	.2	.1								28	28	2	
66/ 65			.6	.8	.6	.9	.3	.2	.3	.1								34	34	19	1
64/ 63		.6	1.1	.2	.9	.9	.7	.6	.4									48	48	25	4
62/ 61		1.2	1.2	1.4	1.0	.4	1.3	.7										66	66	46	11
60/ 59		1.2	.4	.6	.7	.9	1.0	.3	.1									47	47	36	22
58/ 57		.9	.6	.3	.6	2.0	.7											45	45	50	43
56/ 55		1.0	.3	.4	.9	2.1	.7	.2										51	51	56	42
54/ 53		.7	.3	1.0	1.4	.9	.4	.2										45	45	43	29
52/ 51	.1	.8	.6	.9	1.7	1.6	.1											51	51	24	44
50/ 49		.9	1.3	1.6	1.6	.7	.1											52	52	51	25
48/ 47		.9	1.2	2.8	2.0	.4												66	66	75	49
46/ 45	.1	1.3	1.2	2.1	1.6	.7												63	63	72	27
44/ 43		.8	2.0	1.3	.6	.4												46	46	67	45
42/ 41		.8	1.2	1.7	.7	.3												42	42	77	30
40/ 3		.9	1.3	1.1	.7	.1												37	37	61	48
38/ 37		.4	1.2	1.1	.2													27	27	57	74
36/ 35		.8	1.0	.7	.3													25	25	32	72
34/ 33	.1	.4	.2	.6	.1													13	13	42	67
32/ 31		.6	.4	.2														11	11	29	71
30/ 29			.4	.1														5	5	13	47
28/ 27		.1	.1	.1														3	3	10	42
26/ 25																				6	24
24/ 23																				3	11
22/ 21																					21
20/ 19																					21
18/ 17																					10
16/ 15																					3

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) APR (MONTH)

 0900-1100 (HOURS (L. S. T.))

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
14/ 13																					6
12/ 11																					3
10/ 9																					1
TOTAL	.6	14.4	17.2	20.7	16.9	14.4	8.4	4.2	2.2	.8	.1								900		900
																		900		900	

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.	3652444	55252	61.4	17.021	900							
Dry Bulb	2687799	48119	53.5	11.315	900		1.9	12.3	4.4	.3		90
Wet Bulb	2059642	42124	46.8	9.897	900		6.1	.8	.3			90
Dew Point	1531907	35577	39.5	11.817	900		26.5	.6	.1			90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 WRIGHT-PATTERSON AFB OH 68-70,73-79 APR
STATION STATION NAME YEARS MONTH

 1200-1400
HOURS (L. S. T.)

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
96/ 85											.3	.1						4	4		
84/ 80					.1				.1	.3	.6							10	10		
82/ 81				.1	.2			.2	.3	.4		.2						14	14		
80/ 79				.1			.3	.1	.7	.1	.3							15	15		
78/ 77			.1			.2	.9	.3	.2	.6	.2							23	23		
76/ 75						.4	.6	.2	.4	.6								20	20	5	
74/ 73					.3	.3	.6	.4	.7	.6	.2							28	28	1	1
72/ 71				.3	.3	.1	.6	.9	.8	.1	.3							31	31		4
70/ 69			.7	.2	.6	.6	.6	.7	.8	.9								44	44		
68/ 67			.4	1.0	1.1	.4	.4	.6	1.1	.6								51	51	11	
66/ 65		.3	.7	1.0	.5	.1	1.0	1.0	1.0	.1								52	52	37	1
64/ 63		.7	.8	.2	.1	.7	1.2	.3	1.0	.1								50	50	40	5
62/ 61		.2	.9	.1	.6	.8	1.1	1.1	.6	.1								49	49	38	17
60/ 59		1.0	.9	.6	.7	.7	1.1	1.1	.2									56	56	60	33
58/ 57	.1	.8	.9	.2	1.1	1.6	.8	.9	.1									58	58	50	44
56/ 55		.6	.9	.2	.9	2.3	1.3	.7										62	62	47	38
54/ 53		.6	.3	.7	1.6	1.6	.7	.1										49	49	60	40
52/ 51		.1	.7	.2	1.4	1.6	.6											41	41	69	30
50/ 49		.1	.9	.3	.9	1.3	.4	.1										37	37	47	37
48/ 47		.3	1.2	.9	1.4	.8	.9											50	50	67	23
46/ 45		.7	.9	1.0	.7	.7	.2											37	37	72	42
44/ 43	.1	.4	.8	1.1	.8	.7												35	35	71	46
42/ 41	.1	.6	1.1	.7	.3	.1												26	26	50	52
40/ 39		.2	.9	.3	.9	.1												22	22	44	52
38/ 37		.3	.6		.6	.1												14	14	47	49
36/ 35		.2	.3		.4													9	9	32	59
34/ 33		.4	.3	.3														10	10	17	73
32/ 31		.1	.1															2	2	17	63
30/ 29																				10	45
28/ 27																				7	41
26/ 25																					18
24/ 23																					22
22/ 21																					19
20/ 19																					10

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) APR (MONTH)

 1200-1400 HOURS (L. S. T.)

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
18/ 17																					15
16/ 15																					12
14/ 13																					5
12/ 11																					1
10/ 9																					1
TOTAL	.3	7.7	14.3	9.7	15.6	15.1	13.2	9.2	8.0	4.4	2.0	.3							899		899
																		899		899	

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.	2872388	48040	53.4	16.437	899							
Dry Bulb	3203659	52619	58.5	11.743	899		.2	24.0	11.4	3.5		90
Wet Bulb	2286570	44496	49.5	9.686	899		3.4	1.7	.6			90
Dew Point	1581723	36109	40.2	12.095	899		25.2	.6	.2			90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 68-70,73-79 YEARS | APR MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
88/ 87												.2	.1					3	3		
86/ 85						.2					.1	.7						9	9		
84/ 83						.2			.3	.2	.2	.2						11	11		
82/ 81					.1				.2	.6	.1	.2						11	11		
80/ 79					.1	.1		.7	.4	.3	.6	.2						22	22		
78/ 77							.9	.2	.4	1.1	.7	.2						32	32		
76/ 75					.3	.3	.1	.8	.4	1.1	.3							31	31	4	
74/ 73				.1	.1	.7	.7	1.0	.7	.1	.6							35	35	2	
72/ 71			.1		.7	.6	.4	.2	.6	.9	.2							33	33		4
70/ 69			.3	.4	1.0	1.0	.7	.8	1.2	.7	.2							57	57	1	2
68/ 67		.1	.9	.4	.9	.3	.8	.7	.9	.6								50	50	12	
66/ 65		.1	.4	.9		.2	1.0	.4	.4	.3								35	35	35	1
64/ 63		.3	.4	.3		.3	1.0	1.9	1.4	.3								54	54	48	7
62/ 61		.7	.8	.6	.4	.6	1.0	1.4	.9	.2								59	59	46	15
60/ 59		.8	.9	.3	.2	1.0	2.0	1.1	.6									62	62	67	25
58/ 57	.1	.6	.9	.4	.6	1.4	1.2	.8	.2									56	56	59	46
56/ 55		.4	.8	.3	.1	1.9	1.8	.1										49	49	46	35
54/ 53		.3	.7	.4	.6	1.2	.9											37	37	59	38
52/ 51		.2	1.0	1.0	1.0	1.3	1.4	.3										57	57	45	43
50/ 49		.2	1.0	.9	.9	.9	.8	.2										44	44	53	36
48/ 47		1.0	.7	.6	.7	.6	.7											37	37	86	34
46/ 45		.2	.7	.8	.4	.7												25	25	74	43
44/ 43		.4	.7	.9	.2	.4												24	24	64	43
42/ 41		.7	.4	.9	.6	.4												27	27	45	53
40/ 39		.2	.2	.1	.1	.1												7	7	40	47
38/ 37		.4	1.0	.2	.8	.1												23	23	37	48
36/ 35			.2	.1	.1													4	4	26	69
34/ 33		.4		.2														6	6	17	68
32/ 31																				12	53
30/ 29																				11	45
28/ 27																				1	53
26/ 25																					18
24/ 23																					8
22/ 21																					14

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) APR (MONTH)

 1500-1700 (HOURS (L. S. T.))

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
21/ 19																					20
18/ 17																					20
16/ 15																					8
14/ 13																					1
12/ 11																					3
TOTAL	.1	7.2	12.1	10.0	9.9	14.7	15.3	10.6	8.8	6.4	3.0	1.8	.1						9.0		900
																		900		900	

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.	2646661	45793	50.9	18.768	900							
Dry Bulb	3398482	54270	60.3	11.839	900			29.4	15.4	4.0		9
Wet Bulb	2362892	45330	50.4	9.420	900		2.4	1.9	.6			90
Dew Point	1591901	36287	40.3	11.972	900		24.3	.6				93

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

USAFETAC 6789

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) APR (MONTH)

 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	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			Dry Bulb	Wet Bulb	Dew Point
86/ 85												.1							1	1		
84/ 83					.1	.1					.1	.1							4	4		
82/ 81					.1			.1		.1	.3								6	6		
80/ 79				.1				.4	.4	.2	.1								12	12		
78/ 77				.1	.1	.1	.2	.1	.2	.4	.3								15	15		
76/ 75						.1	.4	.7	.7	.6	.1								23	23	1	
74/ 73						.3	1.1	.6	.9	.3									29	29	4	
72/ 71			.1	.2	.4	.2	.4	.3	.9	.1	.1								27	27		2
70/ 69				.2	.7	.3	1.0	.9	.6	.3									36	36	1	3
68/ 67			.6	.8	.6	1.1	.9	.7	.2	.2									45	45	4	
66/ 65			1.2	1.4	.2	.3	.7	.8	.6	.2									49	49	13	3
64/ 63		.2	.7	.7	.7	.8	.6	.6	.4										41	41	27	1
62/ 61		.4	1.1	.2	.4	.6	1.2	1.4	.4										53	53	55	8
60/ 59		.9	.6	.2	.6	1.1	1.6	1.1	.1										55	55	57	19
58/ 57		.9	.4	.3	1.1	1.1	1.6	.6											54	54	58	46
56/ 55	.1	.8	.7	.3	.6	2.1	1.6	.2											57	57	52	35
54/ 53		.4	1.4	.6	1.6	1.8	1.0	.1											62	62	45	36
52/ 51		.1	1.2	.1	.9	1.7	.9	.2											46	46	44	39
50/ 49		.9	1.1	2.1	.9	.9	.8	.1											61	61	60	30
48/ 47		.9	1.0	1.6	.9	1.4	.4												56	56	73	41
46/ 45	.1	.6	2.3	.8	1.1	.7													50	50	90	53
44/ 43		.1	1.0	.7	.6	.7													27	27	79	46
42/ 41		.4	1.2	1.1	.4	.2													31	31	57	45
40/ 39		.1	.7	.2	.6	.2													16	16	43	55
38/ 37		.4	.7	.2	.3														15	15	52	56
36/ 35		.3	.9	.2	.3														16	16	27	74
34/ 33		.3	.1	.2															6	6	24	59
32/ 31		.3		.4															7	7	17	60
30/ 29																					10	42
28/ 27																					5	44
26/ 25																					2	29
24/ 23																						9
22/ 21																						14
20/ 19																						26

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) ,PIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) APR (MONTH)

 1800-2000 (HOURS (L. S. T.))

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
18/ 17																					14
16/ 15																					4
14/ 13																					7
TOTAL	.2	8.2	17.0	12.9	13.1	15.9	14.3	8.9	5.3	2.8	1.1	.2							900		900
																		900		900	

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.	3467513	49951	55.5	18.120	900							
Dry Bulb	3031647	51249	56.9	11.229	900		.7	19.8	9.0	1.5		90
Wet Bulb	2199617	43705	48.6	9.270	900		3.4	1.0	.5			90
Dew Point	1544126	35016	39.8	11.498	900		24.9	.5				90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 — STATION
WRIGHT-PATTERSON AFB OH — STATION NAME
63-70,73-79 — YEARS
APR — MONTH

PAGE 1
2100-2300 — HOURS (L. S. T.)

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
80/ 79				.1		.1												2	2		
78/ 77				.1														1	1		
76/ 75			.1						.1									2	2		
74/ 73				.2	.2	.2	.2	.2	.1									11	11	3	
72/ 71					.1	.1	.7	.3		.1								12	12		3
70/ 69			.2	.2	.2	.9	.1	.7	.1									22	22	1	
68/ 67		.1	.4	.3	.2	1.2	.7	.3										30	30	2	
66/ 65			.9	.9	1.0	.7	.6	.1										37	37	7	2
64/ 63		.3	1.0	.7	1.6	.8		.1										40	40	12	6
62/ 61		1.0	1.3	.3	.7	1.6	.8											51	51	26	5
60/ 59		.6	1.0	.3	.7	1.2	.6	.2										43	43	45	18
58/ 57		1.3	.8	.7	.8	1.2	.3											46	46	53	31
56/ 55	.1	1.8	.8	.8	1.7	.3	.4											53	53	59	35
54/ 53		.6	.1	2.1	1.0	1.4	.7											53	53	42	32
52/ 51		.4	2.1	1.1	1.4	.8	.2											55	55	37	44
50/ 49	.1	.7	2.0	2.4	1.3	.4												63	63	43	41
48/ 47		1.2	2.0	1.9	1.3	.2												60	60	73	18
46/ 45		.9	2.6	3.4	1.2	.3												76	76	57	47
44/ 43		1.4	2.6	1.4	.6	.3												57	57	89	57
42/ 41		.4	2.6	1.3	1.4													52	52	83	61
40/ 39		.7	1.9	1.6	.6													42	42	61	60
38/ 37		.7	1.6	1.0														29	29	60	53
36/ 35		.9	1.1	.3														21	21	39	73
34/ 33		.7	.8	.9														21	21	48	69
32/ 31		.2	1.0	.8														18	18	27	72
30/ 29			.2	.1														3	3	11	38
28/ 27																				14	41
26/ 25																				8	18
24/ 23																					24
22/ 21																					22
20/ 19																					14
18/ 17																					9
16/ 15																					6
14/ 13																					1

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 68-76,73-79 YEARS | APR MONTH

 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.2	14.1	27.0	23.1	16.0	11.9	5.2	2.0	.3	.1								900	900	900	900

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.	4004313	58543	65.0	14.774	900							
Dry Bulb	2495452	46458	51.6	10.403	900		2.1	8.0	1.6			90
Wet Bulb	1977025	41335	45.9	9.350	900		6.0	.6	.3			90
Dew Point	1519088	35658	39.6	10.875	900		24.5	.3				90

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

USAFETAC 6791

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (YEARS) | APR (MONTH)

 2100-2300 HOURS (L. S. T.)

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				
TOTAL	.2	14.1	27.[illegible]	23.1	16.0	11.9	5.2	2.0	.3	.1								900	900	900	900

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.	4604313	58543	65.0	14.774	900							
Dry Bulb	2495452	46458	51.6	10.403	900		2.1	8.0	1.6			90
Wt. Bulb	1977025	41335	45.9	9.350	900		6.0	.6	.3			90
Dew Point	1519088	35658	39.6	10.875	900		24.5	.3				90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 68-70,73-79 YEARS | APR MONTH

ALL HOURS (L. S. T.)

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
88/ 87												.0	.0					3	3		
86/ 85						.0					.1	.1						14	14		
84/ 83					.0	.0			.1	.1	.1	.0						25	25		
82/ 81				.0	.1			.0	.1	.1	.1	.1						32	32		
80/ 79				.1	.0	.0	.1	.2	.2	.1	.1	.0						57	57		
78/ 77			.0	.0	.0	.1	.3	.1	.1	.3	.2	.0						80	80		
76/ 75			.0		.1	.1	.2	.3	.2	.3	.1							95	95	11	
74/ 73		.0	.0	.1	.1	.2	.4	.3	.3	.1	.1							118	118	12	3
72/ 71	.1		.0	.1	.3	.3	.3	.3	.3	.2	.1							140	140	2	17
70/ 69	.0	.0	.3	.2	.3	.4	.4	.4	.4	.2	.0							194	194	5	6
68/ 67	.1	.1	.3	.4	.7	.6	.5	.3	.3	.2								259	259	49	7
66/ 65		.1	.6	.9	.5	.5	.5	.4	.3	.1								273	273	117	20
64/ 63		.5	.9	.6	.8	.6	.5	.5	.4	.1								349	349	161	32
62/ 61	.0	.7	.9	.7	.6	.7	.8	.6	.2	.0								376	376	250	73
60/ 59	.1	1.0	.9	.6	.6	.8	.8	.5	.1									391	391	377	154
58/ 57	.1	1.3	.7	.6	.8	1.1	.6	.3	.0									389	369	392	269
56/ 55	.1	1.2	.6	.6	.8	1.2	.8	.2										394	394	414	302
54/ 53		.7	.7	.9	1.0	.9	.5	.1										347	347	360	276
52/ 51	.1	.7	1.1	.6	1.1	1.0	.4	.1										365	365	344	301
50/ 49	.0	.5	1.3	1.3	.9	.5	.3	.1										356	356	367	294
48/ 47	.1	1.2	1.2	1.6	1.2	.4	.3											431	431	476	236
46/ 45	.1	1.3	2.1	1.5	.7	.4	.0											435	435	510	294
44/ 43	.0	1.1	2.2	1.3	.4	.3												384	384	539	366
42/ 41	.0	1.3	2.2	1.5	.6	.2												413	413	538	396
40/ 39	.2	1.2	2.2	.7	.4	.1												345	345	472	427
38/ 37	.1	1.4	1.8	.7	.3	.0												308	308	500	434
36/ 35	.0	1.0	1.1	.3	.2													187	187	377	576
34/ 33	.1	1.0	.7	.4	.0													159	159	322	524
32/ 31	.1	.7	.9	.3														142	142	225	601
30/ 29		.3	.5	.0														61	61	158	368
28/ 27		.2	.5	.0														53	53	100	360
26/ 25	.0	.1	.2	.0														21	21	84	189
24/ 23	.0	.0	.0															3	3	25	129
22/ 21																				11	153

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 0-20-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 WRIGHT-PATTERSON AFB OH 68-70,73-79 APR
STATION STATION NAME YEARS MONTH

 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
21/ 19																				1	139
18/ 17																					123
16/ 15																					83
14/ 13																					31
12/ 11																					7
10/ 9																					7
8/ 7																					1
6/ 5																					1
TOTAL	1.2	17.4	24.2	16.2	12.4	10.6	7.6	4.5	3.1	1.8	.8	.3	.0					7199	7199		7199
																		7199		7199	

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.	31049641	454197	63.1	18.236	7199							
Dry Bulb	21023193	378895	52.6	12.257	7199		28.0	101.7	42.4	9.3		727
Wet Bulb	16097289	332555	46.2	10.105	7199		60.4	7.9	2.3			727
Dew Point	12014405	282217	39.2	11.494	7199		219.2	3.3	.3			723

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

USAFETAC 6792

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (YEARS) | MAY (MONTH)

 0000-0200 (HOURS (L. S. T.))

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
79/ 77					.2													2	2		
76/ 75			.2		.4	.1												7	7		
74/ 73				.2	.5	.5	.1											13	13		
72/ 71		.1	.4	1.2	1.1	.3	.2		.2									33	33	3	
70/ 69		.1	1.6	1.7	.5	1.1	.1	.1										49	49	3	2
68/ 67		1.0	2.8	1.7	.8	.2												60	60	18	7
66/ 65		2.7	2.5	1.5	1.3	.6												80	80	54	17
64/ 63	.1	1.9	1.5	1.9	1.0	.2	.3											65	65	93	51
62/ 61		2.0	1.4	1.8	.8	.4												60	60	60	65
60/ 59		1.8	2.7	1.3	.4	.4												62	62	68	59
58/ 57		2.3	1.8	1.1	1.0	.5												62	62	71	54
56/ 55	.2	1.7	2.3	1.9	1.9	.3	.1											79	79	69	56
54/ 53		1.8	2.5	2.0	1.0	.2												70	70	59	69
52/ 51		2.4	2.3	2.4	1.2	.5	.1											82	82	57	56
50/ 49	.1	1.1	2.0	1.0	.4	.3	.2											48	48	85	62
48/ 47		1.6	2.2	.4	.1	.1												41	41	68	61
46/ 45		1.9	1.1	.9	.4													40	40	72	49
44/ 43		.3	1.6	.9	.1													27	27	48	57
42/ 41		.3	1.2	.8	.1													22	22	30	66
40/ 39	.1	.5	.6	.3	.2													17	17	30	56
38/ 37	.1	.1	.4	.1	.1													8	8	31	40
36/ 35	.1	.1		.1														3	3	8	17
34/ 33																				9	31
32/ 31																				3	20
30/ 29																				1	12
28/ 27																					7
26/ 25																					7
24/ 23																					3
22/ 21																					1
20/ 19																					5
TOTAL	.8	23.9	31.1	23.2	13.5	6.0	1.2	.1	.2									930	930		930
																				93	

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.	5295149	69105	74.3	13.132	930							
Dry Bulb	3143927	53445	57.5	8.838	930			16.4	2.2			93
Wet Bulb	2681447	49295	53.0	8.590	930		.4	2.4				93
Dew Point	2328692	45582	49.0	10.090	930		5.5	.9				97

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13640 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (YEARS) | MAY (MONTH)

 0300-0500 (HOURS (L. S. T.))

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				
78/ 77					.?	.1												3	3		
74/ 73				.3														3	3		
72/ 71				.1	.4		.1											6	6		
70/ 69		.5	1.5	.9	.2		.1	.2										32	32	3	
68/ 67		1.2	2.?	1.?	1.0		.1											49	49	9	1
66/ 65	.2	2.4	3.?	.9	.6	.2												68	68	46	31
64/ 63		2.4	1.7	.9	1.1	.1												57	57	57	29
62/ 61	.6	3.9	1.5	1.6	.6	.1												78	78	63	59
60/ 59	.2	3.0	2.5	1.3	.8	.2												74	74	69	65
58/ 57		2.4	2.3	.9	.5	.2												56	56	64	50
56/ 55		2.9	1.7	.8	1.?													59	59	78	56
54/ 53		3.2	1.5	1.7	.4													64	64	53	64
52/ 51	.1	2.6	1.9	1.7	.3	.2												64	64	65	47
50/ 49		2.9	2.6	1.2	.2	.6												70	70	54	77
48/ 47	.1	2.9	2.4	.6	.3	.2												61	61	68	52
46/ 45	.2	3.2	2.3	.2														55	55	79	47
44/ 43		1.9	.8	.6	.3													34	34	68	58
42/ 41	.3	1.5	.9	.5	.1													31	31	40	65
40/ 39		1.0	1.6	.1														25	25	27	70
38/ 37		1.0	1.0	.1														19	19	27	45
36/ 35	.1	.5	.4	.6														16	16	29	15
34/ 33	.2	.4																6	6	22	20
32/ 31																				3	33
30/ 29																				6	23
28/ 27																					8
26/ 25																					4
24/ 23																					4
22/ 21																					3
20/ 19																					4
TOTAL	2.2	39.8	31.3	16.0	8.2	2.0	.3	.2											930		930
																		930		930	

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.	5943177	73473	79.0	12.213	930							
Dry Bulb	2875234	51008	54.8	9.138	930			9.3	.6			93
Wet Bulb	2933216	47814	51.4	8.983	930		.9	1.2				93
Dew Point	2259835	44845	48.2	10.239	930		7.9	.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) MAY (MONTH)

 0600-0800 (HOURS (L. S. T.))

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
78/ 77					.1													1	1		
76/ 75					1.1													10	10		
74/ 73		.1	.2	.5	.1			.1										10	10		
72/ 71		.1	.5	1.4	.3	.1												23	23	1	
70/ 69		.4	1.3	1.3	.4	.4												36	36	9	2
68/ 67	.1	1.1	2.8	1.6	.6	.5	.3	.1										66	66	29	8
66/ 65	.1	1.9	2.7	1.3	1.0	.1	.1	.1										68	68	41	27
64/ 63	.2	2.9	1.3	1.5	.8	.3		.1										66	66	65	47
62/ 61	.2	3.1	1.2	1.6	.8	.1												65	65	72	58
60/ 59	.6	2.2	2.9	1.1	.9	.4	.2											77	77	69	72
58/ 57		2.3	1.7	.8	.9	.1												53	53	64	49
56/ 55	.1	2.2	1.3	2.0	1.4	.3												68	68	76	56
54/ 53		3.0	2.2	1.8	.5	.2												72	72	52	67
52/ 51	.1	2.7	1.7	1.0	.2													53	53	64	64
50/ 49		1.3	3.1	1.5	.5													60	60	66	58
48/ 47	.1	2.7	2.7	.4	.1	.2												58	58	59	48
46/ 45	.1	2.2	1.3	1.0	.1													43	43	84	58
44/ 43		2.2	1.0	.4	.1													34	34	58	63
42/ 41		.9	.9	.5	.1													22	22	31	59
40/ 39		.3	.9	.1	.1													13	13	27	66
38/ 37		.8	.9	.2														17	17	23	29
36/ 35	.1	.3	.4	.2														10	10	14	23
34/ 33	.1	.2																3	3	16	27
32/ 31	.1	.1																2	2	8	19
30/ 29																				2	15
28/ 27																					10
26/ 25																					4
24/ 23																					1
22/ 21																					3
20/ 19																					3
TOTAL	2.0	32.8	30.9	20.3	10.1	2.8	.6	.4										930	930		930
																		930		930	

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.	5697335	71861	77.3	12.478	930							
Dry Bulb	3049551	52553	56.5	9.271	930		.2	14.6	2.1			93
Wet Bulb	2652462	48906	52.7	8.944	930		1.0	3.9				93
Dew Point	2346888	45760	49.2	10.128	930		5.5	1.0				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 68-70,73-79 YEARS | MAY MONTH

 0900-1100 HOURS (L. S. T.)

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				
88/ 87								.1		.2								3	3		
86/ 85							.1	.3	.2									6	6		
84/ 83							.5	.5	.3									13	13		
82/ 81					.2	.1	1.0	.3	.4	.3	.1							23	23		
80/ 79					.5	1.7	.3	.5	.4									33	33		
78/ 77				.5	1.1	1.4	.6	.8	.3		.2							46	46		
76/ 75			.1	.6	.8	.6	1.0	.4	.1	.3	.1							38	38	1	
74/ 73			.5	1.4	1.1	1.3	.9		.1									49	49	9	
72/ 71			1.0	1.0	1.0	1.0	1.0	.3	.6	.2								56	56	29	3
70/ 69		.2	1.1	1.0	2.2	1.3	.3	.3	.9	.2								69	69	56	10
68/ 67		.4	1.3	.6	1.5	1.1	.6	.2	.2									56	56	47	27
66/ 65	.1	.5	1.2	1.4	1.3	1.1	1.1	1.1	.1									73	73	61	44
64/ 63		1.1	1.3	1.1	1.3	1.1	2.0	.5	.2									80	80	76	66
62/ 61	.1	1.1	.9	1.0	1.1	2.5	.6	.2	.1									70	70	65	47
60/ 59	.3	.6	1.8	1.1	1.2	1.5	.5	.1										69	69	81	60
58/ 57	.1	.4	1.2	1.0	1.1	1.3	.3	.1										51	51	57	59
56/ 55	.2	.9	1.2	.6	.9	.4	.4											43	43	70	60
54/ 53		.3	1.1	1.1	1.3	.5	.2											42	42	88	70
52/ 51		.6	.4	.9	.5	.9	.1											32	32	68	52
50/ 49		.1	.3	1.1	.6	.5	.1											26	26	63	56
48/ 47		.5	.9	.6	.9													27	27	37	59
46/ 45		.4	.2	.5	.2	.2												15	15	37	44
44/ 43		.2	.1	.4	.1	.1												9	9	37	53
42/ 41					.1													1	1	19	52
40/ 39																				17	63
38/ 37																				8	38
36/ 35																				2	18
34/ 33																				2	13
32/ 31																					20
30/ 29																					19
28/ 27																					7
26/ 25																					1
24/ 23																					4
22/ 21																					3

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												

6794 USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) MAY (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
20/ 19																					2
TOTAL	1.1	7.5	14.5	15.9	18.9	18.6	11.8	5.9	4.1	1.3	.4								930		92
																		930		930	

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.	3926281	57781	62.1	15.950	930							
Dry Bulb	3978274	60156	64.7	9.686	930			39.2	21.1	6.3		93
Wet Bulb	3081346	52932	56.9	8.597	930			14.2	1.0			9
Dew Point	2486037	47047	50.6	10.683	930		5.6	4.0				9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (YEARS) | MAY (MONTH)

1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
94/ 93										.1	.1							2	2		
92/ 91									.1	.2	.2							5	5		
90/ 89									.3	.3	.2	.2						10	10		
88/ 87								.1	1.0	.3	.2							15	15		
86/ 85							.3	.5	1.5	.4	.9	.1						35	35		
84/ 83						.3	1.0	1.6	.5	1.3	.9							52	52		
82/ 81					.2	.6	1.2	.9	.6	.9	.3	.1						45	45		
80/ 79					.3	.5	.6	1.3	.5	1.0	.5	.1						46	46		
78/ 77					.6	1.0	1.0	1.0	.6	.4	.2							45	45		
76/ 75			.4	.5	.5	.6	.9	.5	.4	.8	.2							46	46	5	
74/ 73		.1		.6	.6	1.3	.3	.1	.5	1.0	.2							45	45	20	
72/ 71		.2	.3	1.1	1.1	1.2	1.1	.8	1.2	.1	.2							67	67	56	3
70/ 69		.6	.5	.9	.9	1.4	1.0	1.2	.6	.6								71	71	56	12
68/ 67		.3	1.0	.3	1.6	.3	1.6	1.7	.9	.2								74	74	53	24
66/ 65		.4	.9	1.1	1.0	1.3	1.4	.6	.5	.2								69	69	95	45
64/ 63		.4	.9	.9	1.0	.8	1.1	1.0	.5									60	60	67	67
62/ 61	.2	.6	.4	1.3	1.2	1.1	1.1	.5	.1									61	61	68	68
60/ 59	.2	.2	1.1	.6	.8	.4	.6	.5										42	42	67	37
58/ 57		.3	.4	.3	.3	.3	.5											21	21	70	57
56/ 55		.1	1.0	.5	.4	.9	1.2	.1										39	39	89	68
54/ 53		.2	.1	.3	1.1	.5	.4	.1										26	26	66	76
52/ 51		.3	.2	.5	.5	.4	.1											20	20	60	44
50/ 49		.1	1.3	.3		.4	.2											22	22	55	55
48/ 47			.1	.1	.2	.2												6	6	79	43
46/ 45		.6																6	6	37	59
44/ 43																				31	54
42/ 41																				6	45
40/ 39																				6	48
38/ 37																				4	20
36/ 35																					27
34/ 33																					20
32/ 31																					19
30/ 29																					19
28/ 27																					11

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												

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64
USAFETAC
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840	WRIGHT-PATTERSON AFB OH	68-72,73-79	MAY
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — 1200-1400 HOURS (L. S. T.)

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
26/ 25																					3
24/ 23																					2
22/ 21																					4
TOTAL	.4	4.7	8.6	9.4	12.4	13.7	15.6	12.6	10.1	7.8	4.2	.5							930		930
																		930		930	

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.	2992471	50305	54.1	17.092	930							
Dry Bulb	4577072	64536	69.4	10.307	930			55.8	34.6	19.0	.2	93
Wet Bulb	3290394	54772	58.9	8.340	930			19.0	2.5			93
Dew Point	2509061	47261	50.8	10.749	930		5.8	3.9				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 — STATION
WRIGHT-PATTERSON AFB OH — STATION NAME
68-70,73-79 — YEARS
MAY — MONTH

PAGE 1
1530-1700 — HOURS (L. S. T.)

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
96/ 93												.3						3	3		
94/ 93													.1					1	1		
92/ 91										.2	.3	.2	.2					9	9		
90/ 89								.1	.4	.1		.3						9	9		
88/ 87									.9	.9	.4	.5						25	25		
86/ 85							.3	1.1	.9	.8	.9	.3						39	39		
84/ 83						.1	.5	1.2	1.0	1.5	1.3	.4						56	56		
82/ 81					.2	.8	1.2	.8	.9	.9	.6	.4	.1					54	54		
80/ 79			.1		.4	.6	.4	1.1	.9	1.0	.2	.2						46	46		
78/ 77				.1	.2	1.1	1.1	.6	.3	.4	.3	.1						40	40		
76/ 75			.3	.3	.8	.6	.5	.8	.3	.9	.3	.3						48	48	6	1
74/ 73		.1	.3	.3	.2	1.4	1.2	.5	1.2	.5	.1	.1						56	56	19	
72/ 71		.2	.2	1.3	.6	1.3	.5	1.6	1.1	1.0	.5							77	77	50	2
70/ 69		.3	1.2	.9	.6	1.1	.5	1.6	1.1	.4								72	72	61	12
68/ 67		.6	1.0	.3	.8	1.6	.8	.6	1.0	.5	.2							69	69	60	25
66/ 65		1.2	1.1	.9	1.0	1.1	1.5	1.3	.9	.1								83	83	97	41
64/ 63		.1	.5	.9	.8	.6	1.1	.3	.2									42	42	85	68
62/ 61		.5	.6	.8	.2	.4	1.3	.5	.2									43	43	62	56
60/ 59			.6	.5	.3	1.0	.6	1.0										37	37	67	45
58/ 57		.3	.3	.9	.3	.5	1.0	.4										35	35	75	54
56/ 55		.3	.9	.3	.5	.2	.6	.2										29	29	75	80
54/ 53		.1	.1	.8	.4	.6	.1	.1										21	21	66	68
52/ 51		.3	.4	.2	.2		.4											15	15	63	55
50/ 49			.9	.1	.1	.4	.1											15	15	36	45
48/ 47			.1	.1														2	2	44	53
46/ 45		.3	.1															4	4	26	56
44/ 43																				20	41
42/ 41																				5	57
40/ 39																				9	34
38/ 37																					34
36/ 35																					26
34/ 33																					23
32/ 31																					23
30/ 29																					19

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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (YEARS) | MAY (MONTH)

 1500-1700 (HOURS (L. S. T.))

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
28/ 27																					7
26/ 25																					4
24/ 23																					7
22/ 21																					3
TOTAL		4.5	8.7	8.6	7.7	13.5	13.9	13.9	11.0	9.1	5.3	3.3	.4					930	930	930	930

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.	2783470	48196	51.8	17.539	930							
Dry Bulb	4749122	65786	70.7	10.143	930			60.4	38.6	22.2	.4	93
Wet Bulb	3343338	55256	59.4	8.057	930			19.6	2.5			93
Dew Point	2498420	47162	50.7	10.719	930		5.4	4.0	.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 65-79,73-79 YEARS | MAY MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		Tu - D.B./W.B.	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			Dry Bulb	Wet Bulb	Dew Point
94/ 93										.1									1	1		
92/ 89										.2	.1	.1							4	4		
88/ 87								.1	.2	.1	.1	.1							6	6		
86/ 85							.1	.3	.5	.1	.4	.2							16	16		
84/ 83							.1	.8	.2	.6	.2								18	18		
82/ 81						.3	1.6	.5	.4	.5	.3								35	35		
80/ 79				.1	.3	1.5	1.0	1.0	1.4	.1	.2	.1							53	53		
78/ 77			.1		.6	1.5	.9	1.2	.6	.6	.2								54	54		
76/ 75		.1		.4	1.2	.5	1.1	1.3	.3	.2	.4	.1							53	53	1	
74/ 73			.3	.4	.8	1.2	1.0	.3	.5	.2	.1								48	48	7	
72/ 71		.1	.1	.5	1.2	.9	.5	.9	.3	.4	.2								48	48	21	4
70/ 69	.1	.4	1.3	1.4	.9	1.2	.8	1.4	1.0	.1									79	79	62	3
68/ 67	.1	.5	2.5	.9	1.0	1.6	1.1	1.1	1.2	.1	.1								4	94	56	16
66/ 65		1.1	1.2	.8	1.6	.9	1.0	1.0	.5		.1								75	75	93	29
64/ 63		.6	.5	1.0	.9	1.3	1.5	1.3	.1										64	64	90	85
62/ 61		.8	1.0	1.4	.5	1.3	1.0	.3	.2	.1									61	61	74	61
60/ 59		.2	.8	.3	.8	.8	.5	.9	.1										40	40	68	51
58/ 57		.8	.2	1.2	1.1	.5	.6	.3											44	44	73	54
56/ 55		.4	.8	.5	.8	.5	.6	.2											36	36	72	63
54/ 53		.4	.6	1.1	.6	.5	.2	.2											35	35	61	74
52/ 51		.5		.5	.2	.3	.2												17	17	75	60
50/ 49		.5	1.1	.6	.1	.2	.1												25	25	45	49
48/ 47		.2	.3	.3	.2	.3													13	13	49	49
46/ 45		.6		.2		.1													9	9	32	51
44/ 43		.2																	2	2	30	45
42/ 41																					14	63
40/ 39																					10	36
38/ 37																					3	41
36/ 35																						23
34/ 33																						20
32/ 31																						15
30/ 29																						15
28/ 27																						4
26/ 25																						9

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												

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

USAFETAC 6797

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (YEARS) | MAY (MONTH)

 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
24/ 23																					8
22/ 21																					3
TOTAL	.2	7.6	10.8	11.7	12.7	15.5	13.9	13.0	7.7	3.7	2.6	.6						930	930	930	930

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.	3314516	53098	57.1	17.451	930							
Dry Bulb	4306390	62646	67.4	9.648	930			50.9	28.8	10.8	.1	93
Wet Bulb	3184344	53900	58.0	8.067	930			14.1	.9			93
Dew Point	2468806	46900	50.4	10.562	930		5.3	2.3				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) MAY (MONTH)

 2100-2300 (HOURS (L. S. T.))

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
82/ 81							.1		.1									2	2		
80/ 79						.2	.5		.1									8	8		
78/ 77					.4	.2	.2	.2	.1									11	11		
76/ 75			.3		1.7	1.1	.6	.5										34	34		
74/ 73			.2	1.2	1.4	1.0	.8	.1	.1	.3								47	47	1	
72/ 71			1.0	1.8	1.5	1.3	.2	.2										56	56	3	2
70/ 69		.4	1.2	1.1	1.7	.3	.4	.1										49	49	14	1
68/ 67	.2	1.1	2.3	.8	1.5	.8	.3	.2										66	66	55	11
66/ 65		1.6	2.5	1.9	1.7	1.3	.5	.3										92	92	75	31
64/ 63	.1	1.4	.9	2.0	1.6	.1	.9											65	65	76	67
62/ 61	.2	1.7	1.1	2.4	1.3	.8	.5											74	74	74	60
60/ 59		1.7	2.2	.9	1.2	1.3	.3	.1										70	70	68	60
58/ 57		1.2	2.6	1.3	1.8	1.1		.4										78	78	76	65
56/ 55		.4	1.3	1.6	1.1	.8	.3											51	51	77	72
54/ 53		1.4	.9	1.9	2.3	.2	.3											65	65	57	49
52/ 51	.1	.9	1.3	1.1	.6	.6	.1											41	41	70	68
50/ 49		.5	1.6	1.2	.6	.1												38	38	67	73
48/ 47		.9	1.0	1.1	.9	.1												36	36	49	37
46/ 45		.5	.5	.6	.3													19	19	66	50
44/ 43		.5	.2	.4	.5	.1												17	17	33	47
42/ 41		.4		.2	.2													8	8	35	53
40/ 39		.2																2	2	14	60
38/ 37		.1																1	1	13	45
36/ 35																				5	16
34/ 33																				2	15
32/ 31																					15
30/ 29																					10
28/ 27																					14
26/ 25																					5
24/ 23																					1
20/ 19																					2
18/ 17																					1
TOTAL	.6	15.1	20.5	21.4	22.0	11.3	6.2	2.0	.4	.3								960	930	930	930

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.	4566505	63719	68.5	14.702	930							
Dry Bulb	3559993	56959	61.2	8.771	930			27.3	10.2	.5		9
Wet Bulb	2905906	5 414	55.3	8.270	930			7.3	.1			93
Dew Point	2442997	46731	50.2	10.104	930		4.8	1.0				93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1384 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 68-70,73-79 YEARS | MAY MONTH

 ALL HOURS (L. S. T.)

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
96/ 95												.0						3	3		
94/ 93										.0	.0		.0					4	4		
92/ 91									.0	.1	.1	.0	.0					14	14		
90/ 89								.0	.1	.1	.0	.1						23	23		
88/ 87								.0	.3	.2	.1	.1						49	49		
86/ 85							.1	.3	.4	.2	.3	.1						96	96		
84/ 83						.1	.3	.3	.3	.4	.3	.1						139	139		
82/ 81					.1	.2	.6	.3	.3	.3	.2	.1	.0					159	159		
80/ 79			.0	.0	.2	.3	.4	.5	.4	.3	.1	.1						186	186		
78/ 77			.0	.1	.4	.7	.5	.5	.3	.2	.1	.0						202	202		
76/ 75		.0	.2	.2	.8	.5	.5	.4	.1	.3	.1	.1						236	236	13	1
74/ 73		.0	.2	.6	.6	.8	.5	.2	.3	.3	.1	.0						271	271	56	
72/ 71		.1	.4	1.0	.9	.8	.5	.5	.4	.2	.1							366	366	163	14
70/ 69	.0	.4	1.2	1.1	.9	.8	.4	.6	.4	.2								457	457	264	42
68/ 67	.1	.8	1.9	.9	1.1	.8	.6	.5	.4	.1	.0							534	534	321	119
66/ 65	.1	1.5	1.9	1.2	1.2	.8	.7	.6	.3	.0	.0							608	608	562	265
64/ 63	.1	1.4	1.1	1.3	1.0	.6	.9	.4	.1									499	499	599	480
62/ 61	.2	1.7	1.0	1.5	.8	.8	.6	.2	.1	.0								512	512	538	474
60/ 59	.2	1.2	1.8	.9	.8	.8	.4	.3	.0									471	471	557	449
58/ 57	.0	1.2	1.3	.9	.9	.6	.3	.2										400	400	554	442
56/ 55	.1	1.1	1.3	1.0	1.0	.4	.4	.1										404	404	606	505
54/ 53		1.3	1.1	1.3	1.0	.4	.2	.1										395	395	502	537
52/ 51	.0	1.3	1.0	1.0	.5	.4	.1											324	324	522	446
50/ 49	. .	.8	1.6	.9	.3	.3	.1											304	304	451	455
48/ 47	.0	1.1	1.2	.5	.3	.1												244	244	413	402
46/ 45	.0	1.2	.7	.4	.1	.0												191	191	433	414
44/ 43		.7	.5	.3	.1	.0												123	123	325	418
42/ 41	.0	.4	.4	.3	.1													84	84	189	460
40/ 39	.0	.3	.4	.1	.0													57	57	140	433
38/ 37	.0	.2	.3	.1	.0													45	45	109	292
36/ 35	.0	.1	.1	.1														29	29	58	165
34/ 33	.0	.1																9	9	51	169
32/ 31	.0	.0																2	2	14	164
30/ 29																				9	123

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 66-70,73-79 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
28/ 27																					68
26/ 25																					36
24/ 23																					30
22/ 21																					20
20/ 19																					16
18/ 17																					1
TOTAL	.9	17.0	19.5	15.8	13.2	10.4	7.9	6.0	4.2	2.8	1.6	.6	.1					7440	7440		7440
																		7440		7440	

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.	34418904	487538	65.5	18.225	7440							
Dry Bulb	30239563	467089	62.8	11.093	7440		.2	273.9	138.2	58.8	.7	744
Wet Bulb	23672453	414349	55.7	8.955	7440		2.3	81.7	6.9			744
Dew Point	19340736	371289	49.9	10.447	7440		45.8	17.6	.1			744

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 WRIGHT-PATTERSON AFB OH 68-70,73-79 JUN
STATION STATION NAME YEARS MONTH

 0000-0200
HOURS (L. S. T.)

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
82/ 81						.1	.1											2	2		
80/ 79			.2	.1	.2	.1	.2											8	8		
78/ 77		.1	.4	.6	.8		.2											19	19		
76/ 75		.2	1.4	1.3	.9	.3	.2											40	40	6	2
74/ 73		.1	1.7	3.9	1.0	.3		.1										64	64	12	7
72/ 71		.8	4.7	2.7	1.1	1.1	.2											95	95	22	10
70/ 69		.8	6.1	1.8	2.1	.8	.1											105	105	57	22
68/ 67	.3	2.1	4.6	2.2	2.2	.2												105	105	117	48
66/ 65	.2	1.6	3.2	3.3	2.6	.1												99	99	102	113
64/ 63	.3	1.0	3.0	3.1	1.1	.4												81	81	96	101
62/ 61	.1	1.0	2.4	1.8	1.0	.1												58	58	70	64
60/ 59	.3	1.4	3.8	1.8	1.2													75	75	101	61
58/ 57		1.4	2	.4	.3													49	49	92	76
56/ 55		.7	2.2	1.1														36	36	68	105
54. 53		1.0	1.8	.6	.3													33	33	54	67
52/ 51		.2	1.4	.3														18	18	44	74
50/ 49		.6	.4															9	9	29	43
48/ 47		.1	.1															2	2	22	40
46/ 45		.1																1	1	7	41
44/ 43																					14
42/ 41																					8
40/ 39																					1
38/ 37																					2
TOTAL	1.3	13.2	39.8	26.0	14.7	3.7	1.1	.1											899		899
																		899		899	

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.	5379229	68933	76.7	10.211	899							
Dry Bulb	3906659	58955	65.6	6.714	899			43.8	13.3	.5		90
Wet Bulb	3383659	54851	61.0	6.420	899			21.4	1.8			90
Dew Point	3061544	52058	57.9	7.238	899			8.9	.9			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 68-70,73-79 YEARS | JUN MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
78/ 77			.1	.3														4	4		
76/ 75		.3	1.1	.5	.6	.4												28	28		
74/ 73		.7	.8	3.9	.6	.7												50	50	11	1
72/ 71		.7	3.4	1.9	.9	.2												64	64	16	18
70/ 69		1.8	6.3	1.6		.4	.1											92	92	31	11
68/ 67	.4	2.1	6.8	1.6	1.3	.3												113	113	97	39
66/ 65	.8	3.9	3.3	1.9	1.1	.2	.1											102	102	112	89
64/ 63	.2	2.6	2.6	2.9	.8	.3												82	82	115	128
62/ 61	.3	1.4	2.3	2.1	.2													58	58	60	70
60/ 59	.1	2.8	3.8	1.4	1.1													83	83	77	72
58/ 57	.1	1.6	4.1	.6	.3													60	60	85	57
56/ 55		1.9	2.4	.8	.1													47	47	86	80
54/ 53	.1	2.1	2.0	.4	.1													43	43	53	70
52/ 51		1.7	2.7															39	39	59	73
50/ 49		1.1	1.1															20	20	42	60
48/ 47		.9	.3															11	11	37	39
46/ 45		.3																3	3	15	53
44/ 43		.1																1	1	4	28
42/ 41																					11
40/ 39																					1
TOTAL	2.1	25.9	43.2	19.0	7.2	2.3	.2												900		900
																		900		900	

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.	5668464	72162	80.2	9.580	900							
Dry Bulb	3671913	57143	63.5	6.978	900			35.1	8.2			90
Wet Bulb	3255149	53789	59.8	6.705	900			17.5	1.1			90
Dew Point	2990826	51458	57.2	7.359	900			6.9	.1			90

6800 USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (YEARS) | JUN (MONTH)

 0600-0800 (HOURS (L. S. T.))

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
82/ 81				.3		.1												4	4		
80/ 79			.3	.4		.2												9	9		
78/ 77			.7	.6	.9	.3	.1											23	23		
76/ 75		.1	.9	2.0	1.6	.3	.2											46	46	7	
74/ 73		.7	2.2	3.0	1.1	.4												67	67	19	9
72/ 71		.9	4.6	2.9	1.4	.3	.1											92	92	25	21
70/ 69	.2	1.1	5.1	1.8	1.6	.2	.1											91	91	69	19
68/ 67	.1	2.8	5.2	2.1	1.1	.7	.2											110	110	108	60
66/ 65	.4	2.3	3.2	2.1	1.0	.2	.2											86	86	102	122
64/ 63	.3	1.7	2.7	3.0	.4	.3												76	76	108	85
62/ 61	.1	1.9	2.8	2.0	1.1	.1												72	72	71	78
60/ 59		1.8	3.1	1.3	.8													63	63	79	77
58/ 57		1.1	2.7	1.6	.3													51	51	76	70
56/ 55	.4	1.1	1.8	.7	.2													38	38	68	79
54/ 53		1.7	1.7	.4														34	34	65	63
52/ 51		1.0	1.2	.1														21	21	41	67
50/ 49	.1	.3	.7															10	10	34	48
48/ 47		.6	.1															6	6	19	39
46/ 45																				8	37
44/ 43		.1																1	1	1	20
42/ 41																					6
TOTAL	1.8	19.1	38.9	24.3	11.6	3.3	.0												900		900
																		900		900	

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.	5579925	70289	78.1	10.030	900							
Dry Bulb	3909110	58974	65.5	7.055	900			44.2	14.9	.7		90
Wet Bulb	3416187	55125	61.3	6.652	900			22.8	2.6			90
Dew Point	3115349	52539	58.4	7.330	900			10.9	.9			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 68-70,73-79 YEARS | JUN MONTH

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
94/ 93								.1										1	1		
92/ 89						.1			.1	.1								3	3		
88/ 87					.4	.3	.7	.1										14	14		
86/ 85					.7	.6	.6	.7	.1	.1	.1	.1						26	26		
84/ 83				.3	1.2	1.1	1.1	1.1	.3	.3								50	50		
82/ 81			.1	.1	1.8	1.9	1.4	.3	.3	.1								55	55		
80/ 79			.4	.6	3.0	2.2	1.4	1.3	.9	.1	.1							91	91	6	
78/ 77		.1	.7	1.4	2.6	1.8	1.7	.8	.6									88	88	19	2
76/ 75		.2	1.1	2.4	2.2	1.8	1.2	.7	.2	.3								92	92	26	11
74/ 73		.1	.7	2.1	1.2	3.4	1.9	1.0	.4									98	98	63	27
72/ 71		.3	1.4	1.8	2.6	1.6	1.6	.7	.1									90	90	86	23
70/ 69		.6	1.7	1.4	1.1	1.1	1.2	.3										67	67	105	64
68/ 67		.4	1.4	1.9	1.1	1.0	1.0											54	54	90	85
66/ 65		.1	1.2	1.6	1.2	1.0	.6											51	51	103	90
64/ 63	.1	.3	.6	1.2	1.2	.7	.1	.1										39	39	101	72
62/ 61	.1	.6	.3	1.1	1.9	.4	.1											41	41	73	78
60/ 59	.2	.2	.4	1.1	.3	.2	.1											24	24	75	82
58/ 57	.1	.1		.2	.6													9	9	53	78
56/ 55			.1															1	1	44	56
54/ 53		.3		.3														6	6	32	52
52/ 51																				14	51
50/ 49																				9	51
48/ 47																				1	33
46/ 45																					21
44/ 43																					19
42/ 41																					3
40/ 39																					2
38/ 37																					3
TOTAL	.6	3.4	10.2	16.8	23.3	19.2	14.7	7.2	3.1	1.1	.2	.1						900	900		900
																				900	

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.	3833871	57543	63.9	13.121	900							
Dry Bulb	4895312	66056	73.4	7.238	900			72.9	51.8	18.7		90
Wet Bulb	3853818	58608	65.1	6.438	900			39.5	11.4	.2		90
Dew Point	3291733	53959	60.0	7.938	900			21.2	4.0			90

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

6801

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) JUN (MONTH)

 1200-1400 (HOURS (L. S. T.))

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
96/ 95										.1								1	1		
94/ 93								.1	.3		.1							5	5		
92/ 91						.1	.3	.1	.6	.3	.6	.1						19	19		
90/ 89					.1	.3	.7	1.6	.8	.6	.2	.1	.2					41	41		
88/ 87					.1	.6	1.2	1.7	1.6	1.1	.1	.6						62	62		
86/ 85					.7	.9	1.3	2.4	1.7	.7		.1						70	70		
84/ 83				.2	.2	1.3	1.9	1.0	1.8	.9	.2		.1					69	69		
82/ 81				.3	.8	1.8	2.2	1.0	1.2	1.2	.2	.1						80	80	2	
80/ 79				.6	1.6	2.2	1.7	2.1	2.0	1.0	.6							102	102	12	
78/ 77			.2	1.2	1.3	1.6	1.1	2.4	1.4	.7								90	90	27	3
76/ 75			.8	.8	1.1	1.9	1.7	1.1	1.7	.1								82	82	47	14
74/ 73		.2	.7	.8	1.1	1.0	1.9	1.2	.4	.6								70	70	82	21
72/ 71			.6	.6	.8	.7	1.8	1.3	.4									55	55	118	36
70/ 69			1.0	.6	.4	.9	1.1	.6	.1									42	42	85	60
68/ 67		.2	.4	.4	.6	1.1	.7	.1	.2	.2								36	36	90	84
66/ 65		.1	.7	.9	.8	.6	.4											31	31	104	76
64/ 63	.1	.4	.3	.4	.8	.4	.3		.1									27	27	82	76
62/ 61	.2	.2	.1	.1		.3												9	9	86	82
60/ 59			.2		.1													3	3	65	71
58/ 57					.2													2	2	48	59
56/ 55			.1	.1														2	2	28	59
54/ 53		.2																2	2	11	56
52/ 51																				8	66
50/ 49																				5	57
48/ 47																					23
46/ 45																					26
44/ 43																					18
42/ 41																					5
40/ 39																					4
38/ 37																					1
34/ 33																					2
32/ 31																					1
TOTAL	.3	1.4	5.1	7.0	10.6	15.7	18.0	16.8	14.3	7.4	2.0	1.0	.3					900		900	900

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.	2897862	49530	55.0	13.834	900							
Dry Bulb	5523417	70179	78.0	7.539	900			82.4	69.1	10.0	.6	90
Wet Bulb	4030345	59959	66.6	6.311	900			46.3	17.0	1.0		90
Dew Point	3276897	53795	59.8	8.268	900		.1	21.4	3.8			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 68-70,73-79 YEARS | JUN MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
94/ 93								.2	.1	.2	.2							7	7		
92/ 91						.4	.3	.3	.6	.8	.8		.1					32	32		
90/ 89						.6	.7	.9	1.4	1.0	.6		.3					49	49		
88/ 87					.1	.7	.6	1.3	2.0	1.4	.7	.6	.1	.1				68	68		
86/ 85				.2	.1	1.2	.7	2.4	1.9	1.8	.8	.3	.2					86	86		
84/ 83					.2	1.0	1.6	1.9	1.2	1.0	.3	.2	.1					68	68		
82/ 81				.2	1.1	1.2	1.8	1.2	1.4	.9	.4							75	75	8	
80/ 79			.3	.4	.7	1.9	1.1	1.9	2.4	1.2	.6		.1					96	96	9	1
78/ 77			.3	.3	1.1	1.0	.8	3.1	2.9	.3	.3							91	91	23	10
76/ 75			.7	1.1	1.6	1.0	1.6	1.1	1.1	1.0								82	82	49	9
74/ 73			.6	.8	.1	.7	1.1	2.8	1.4	.3								70	70	86	19
72/ 71			.7	.9	.4	.4	.9	1.3	.2	.1								42	42	92	30
70/ 69		.6	1.2	.6	.4	.8	.4	.9	.3									47	47	104	51
68/ 67	.1	.2	.7	.3	.4	.6	.4	.1	.1	.1								28	28	106	72
66/ 65		.4	.6	.7	.3	.4	.3		.1									26	26	88	102
64/ 63	.1	.2	.2	.3	.2	.6	.1											16	16	100	76
62/ 61		.2	.1	.2	.1	.2												8	8	80	63
60/ 59			.1	.3	.1													5	5	65	59
58/ 57			.3															3	3	42	65
56/ 55			.1															1	1	28	73
54/ 53																				13	54
52/ 51																				5	71
50/ 49																				2	45
48/ 47																					34
46/ 45																					32
44/ 43																					18
42/ 41																					6
40/ 39																					6
38/ 37																					4
TOTAL	.2	1.7	5.9	6.4	7.1	12.7	12.3	19.2	17.3	10.2	4.7	1.1	1.0	.1					900		900
																		900		900	

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.	2727083	47653	52.9	15.062	900							
Dry Bulb	5649908	70988	78.9	7.509	900			84.1	72.4	44.0	.7	90
Wet Bulb	4040357	60047	66.7	6.158	900			47.7	17.5	1.1		90
Dew Point	3230558	53384	59.3	8.441	900			19.2	3.9			90

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

6802

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 68-70,73-79 YEARS | JUN MONTH

 1800-2000 HOURS (L. S. T.)

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				
94/ 93										.1								1	1		
92/ 91							.1	.2	.1	.2	.1							7	7		
90/ 89						.1	.2	.2	.2	.4	.3	.1						20	20		
88/ 87					.1	.3	.3	.3	.7	.3	.2	.1						22	22		
86/ 85				.1		1.7	.9	.9	1.2	.7	.4	.2	.1					56	56		
84/ 83				.6	.4	1.0	.9	1.6	1.2	.6	.3	.1						60	60		
82/ 81			.1	.2	.9	1.2	2.8	.6	1.4	.4	.2	.2						72	72		
80/ 79		.1	.2	.3	1.4	2.3	1.1	1.7	.9	.7			.1					80	80	6	
78/ 77		.1	.4	1.1	1.4	1.6	1.7	2.2	1.2	.9			.1					97	97	19	2
76/ 75		.2	.6	2.0	1.7	.4	2.0	2.3	.9	.7								97	97	32	11
74/ 73		.4	1.3	2.1	.6	1.4	1.9	2.1	1.0	.1								99	99	59	14
72/ 71		.2	1.4	1.0	.8	1.7	1.6	1.0	.6	.1								75	75	85	32
70/ 69		.6	1.4	.7	.3	1.3	1.0	.6	.4									57	57	116	49
68/ 67		.2	.9	.6	.9	.8	.8		.2	.1								40	40	95	82
66/ 65		.7	1.6	.9	.7	.8	.3	.2										46	46	91	90
64/ 63		.0	.2	.1	.7	.4	.2	.1										24	24	104	69
62/ 61		.4	.4	.3	1.2	.4												20	26	87	81
60/ 59		.2	.8	.6	.2													16	16	75	44
58/ 57			.0															5	5	48	80
56/ 55																				47	74
54/ 53																				27	64
52/ 51																				8	60
50/ 49																				1	44
48/ 47																					40
46/ 45																					29
44/ 43																					12
42/ 41																					14
40/ 39																					2
38/ 37																					1
36/ 35																					3
34/ 33																					2
TOTAL		4.1	10.0	10.6	11.3	15.6	15.8	14.6	10.1	5.3	1.7	.7	.3						900		900
																		900		900	

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.	3296336	52616	58.5	15.661	900							
Dry Bulb	5185859	68003	75.6	7.279	900			78.3	61.1	28.4	.1	90
Wet Bulb	3686382	58886	65.4	6.108	900			41.2	11.6	.1		90
Dew Point	3201283	53159	59.1	8.265	900			19.0	2.7			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (YEARS) | JUN (MONTH)

2100-2300 HOURS (L. S. T.)

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
88/ 87								.1										1	1		
84/ 83					.2	.4	.1	.3										10	10		
82/ 81			.1	.4	.6	.9	.4	.2	.1									24	24		
80/ 79			.7	1.0	.7	1.7	.1	.1										38	38		
78/ 77		.1	.4	1.0	2.9	1.6	1.3	.3										69	69	2	
76/ 75		.2	.7	2.7	2.0	1.0	1.1	.3										72	72	14	3
74/ 73		.1	1.6	3.7	2.0	2.1	.7	.3										94	94	35	16
72/ 71	.1	.8	3.7	2.1	2.0	1.8	.7											100	100	39	16
70/ 69		1.6	1.9	1.9	3.8	2.0	.2	.1										103	103	110	36
68/ 67		.8	2.8	1.9	3.2	1.8	.7	.1										101	101	103	72
66/ 65		1.4	2.0	2.4	1.6	1.1	.2											81	81	83	105
64/ 63		.8	1.0	1.6	1.8	.8	.1											54	54	110	75
62/ 61		.8	.7	1.1	2.2	.3	.2											48	48	96	75
60/ 59	.2	1.1	1.0	1.0	1.2	.4												45	45	92	73
58/ 57		.8	1.1	1.3	.4		.1											34	34	55	87
56/ 55		.3	.6	1.0	.1													18	18	65	93
54/ 53		.1	.2	.2														5	5	41	59
52/ 51		.2																2	2	35	48
50/ 49		.1																1	1	18	53
48/ 47																				2	33
46/ 45																					35
44/ 43																					14
42/ 41																					4
38/ 37																					2
36/ 35																					1
TOTAL	.3	9.2	18.3	23.3	24.9	15.8	6.0	2.0	.1										900		900
																		900		900	

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.	4537687	62973	70.0	12.093	900							
Dry Bulb	4371578	62436	69.4	6.686	900			61.2	30.8	5.2		9[illegible]
Wet Bulb	3606107	56693	63.0	8.230	900			30.3	5.1			9[illegible]
Dew Point	3164764	52948	58.8	7.441	900			14.3	1.9			9[illegible]

USAFETAC FORM 0-26-5 (OL A) 6803 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 — STATION
WRIGHT-PATTERSON AFB OH — STATION NAME
68-70,73-79 — YEARS
JUN — MONTH

ALL — HOURS (L. S. T.)

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
96/ 95										.0								1	1		
94/ 93								.0	.1	.0	.0							13	13		
92/ 91						.1	.1	.1	.2	.2	.2	.0	.0					59	59		
90/ 89					.0	.1	.2	.4	.3	.3	.1	.0	.1					113	113		
88/ 87					.1	.2	.3	.4	.5	.4	.1	.2	.0	.0				167	167		
86/ 85				.0	.2	.5	.4	.8	.6	.4	.2	.1	.0					238	238		
84/ 83				.1	.3	.6	.7	.7	.6	.3	.1	.0	.0					257	257		
82/ 81			.0	.2	.6	.9	1.1	.4	.6	.3	.1	.0						312	312	11	
80/ 79		.0	.3	.4	.9	1.3	.7	.9	.8	.4	.2		.0					424	424	33	1
78/ 77		.1	.4	.6	1.4	1.0	.9	1.1	.9	.2	.0		.0					481	481	93	17
76/ 75		.2	.9	1.6	1.5	.9	1.3	.7	.5	.3								539	539	181	50
74/ 73		.3	1.2	2.4	.9	1.2	.9	.9	.4	.1								612	612	367	114
72/ 71	.0	.5	2.6	1.7	1.3	1.0	.8	.5	.2	.0								613	613	483	186
70/ 69	.0	.9	3.1	1.3	1.2	.9	.5	.3	.1									604	604	677	312
68/ 67	.1	1.1	2.8	1.3	1.4	.8	.5	.0	.1	.1								587	587	806	542
66/ 65	.2	1.3	2.0	1.7	1.2	.6	.3	.0	.0									522	522	785	787
64/ 63	.2	.9	1.3	1.6	.8	.5	.1	.0	.0									399	399	816	667
62/ 61	.1	.8	1.2	1.1	1.0	.3	.0											320	320	623	588
60/ 59	.1	.9	1.7	.9	.6	.1	.0											314	314	629	539
58/ 57	.0	.6	1.4	.6	.3		.0											213	213	499	572
56/ 55	.1	.5	.9	.5	.1													143	143	434	619
54/ 53	.0	.7	.7	.3	.1													123	123	296	485
52/ 51		.4	.7	.1														80	80	214	510
50/ 49	.0	.3	.3															40	40	140	401
48/ 47		.2	.1															19	19	81	281
46/ 45		.1																4	4	30	274
44/ 43		.0																2	2	5	143
42/ 41																					57
40/ 39																					16
38/ 37																					9
36/ 35																					4
34/ 33																					9
32/ 31																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 68-72,73-79 YEARS | JUN. MONTH

 ALL HOURS (L. S. T.)

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
TOTAL	.	9.9	21.4	16.7	13.8	11.0	8.6	7.5	5.4	3.0	1.1	.4	.2	.1				7199	7199	7199	7199

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.	34120657	481699	66.9	16.201	7199							
Dry Bulb	37113756	512734	71.2	9.094	7199			502.1	321.6	137.5	1.4	744
Wet Bulb	29472004	457958	63.6	6.867	7199			264.7	68.1	2.4		744
Dew Point	25332954	423 3	58.8	7.845	7199		.1	122.2	18.2			744

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
6804

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13844 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 69-70,73-79 (YEARS) JUL (MONTH)

 0000-0200 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
94/ 83				.1		.1												2	2		
92/ 81			.1	.9	.5	.1												15	15		
80/ 79			1.1	.8	.9	.1												26	26		
78/ 77			2.0	2.7	.9	.1												3	53	4	
76/ 75		1.9	3.4	4.4	.4													[illegible]	95	24	3
74/ 73	.1	2.6	4.0	2.7	.8	.1												[illegible]	95	71	37
72/ 71		2.8	7.2	2.3	1.7	.3	.1											1.4	134	102	60
70/ 69	.4	3.9	6.6	2.2	1.7		.1											138	138	117	113
68/ 67		3.1	5.5	2.5	1.4	.1												117	117	138	127
66/ 65		1.7	2.9	2.5	.8	.4												80	80	100	127
64/ 63		2.5	1.4	2.0	.2	.1												58	58	103	85
62/ 61		1.6	1.3	1.7	.9													51	51	80	70
60/ 59		.5	1.7	.4														25	25	64	80
58/ 57		.8	.9	.2	.1													18	18	45	73
56/ 55		.3	.9	.3	.1													15	15	41	44
54/ 53		.2	.1	.1														4	4	15	44
52/ 51		.2	.1															3	3	10	25
50/ 49																				8	24
48/ 47																				1	6
46/ 45																					8
44/ 43																					2
42/ 41																					1
TOTAL	.5	22.2	39.2	26.0	10.3	1.5	.2											929	929		929
																		929		929	

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.	6072912	74628	80.3	9.069	929							
Dry Bulb	4523330	64602	69.5	5.775	929			67.6	28.6	3.1		93
Wet Bulb	4121065	60887	65.5	5.734	929			45.6	9.9			93
Dew Point	3744117	58669	63.2	6.483	929			39.0	4.0			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 WRIGHT-PATTERSON AFB OH 68-70,73-79 JUL
STATION STATION NAME YEARS MONTH

 0300-0560
HOURS (L. S. T.)

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
80/ 79		.3	.1	.2	.3													12	12		
78/ 77		.3	1.6	1.6														32	32	3	1
76/ 75		.5	3.5	1.9	.6													62	62	5	2
74/ 73		4.5	3.2	2.2														92	92	39	18
72/ 71	.2	3.9	4.7	1.7	.2	.1												101	101	105	64
70/ 69	.2	4.0	6.0	1.3	1.1													117	117	100	106
68/ 67		5.7	6.2	1.5	.1													126	126	113	98
66/ 65	.3	4.5	5.9	1.1		.1												111	111	108	117
64/ 63	.1	3.0	3.3	.1	.1	.1												63	63	124	104
62/ 61	.3	2.7	2.8	.6	.1	.1												62	62	88	84
60/ 59	.2	3.2	2.0	1.1	.3													62	62	64	94
58/ 57		1.3	2.9	.3														42	42	63	71
56/ 55		1.4	.8	.1														21	21	40	62
54/ 53		.8	1.2	.1														19	19	47	24
52/ 51		.1	.4															5	5	14	34
50/ 49		.3																3	3	14	32
48/ 47																				3	16
46/ 45																					12
44/ 43																					1
TOTAL	1.4	36.5	44.3	13.8	3.1	.4												930	930		930
																		930		930	

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.	6638848	78254	84.1	7.641	930							
Dry Bulb	4235359	62501	67.2	6.134	930			54.2	19.8	.5		93
Wet Bulb	3656111	59637	64.1	6.035	930			36.5	4.7			53
Dew Point	3644687	57899	62.3	6.567	930			27.9	2.1			93

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

E805

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 68-70,73-79 YEARS | JUL MONTH

 0600-0800 HOURS (L. S. T.)

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				
84/ 83				.1	.3													4	4		
82/ 81				.2	.5													7	7		
80/ 79			1.2	1.5	.5													30	30		
78/ 77		.3	1.4	1.5	.8													37	37	3	
76/ 75		1.4	2.9	2.8	1.3	.1												79	79	20	6
74/ 73	.1	3.7	4.8	2.7	1.3	.1												118	118	68	25
72/ 71	.2	3.8	5.5	2.5	.9													118	118	92	79
70/ 69	.1	4.0	6.1	2.2	1.0													124	124	116	97
68/ 67	.1	2.7	6.6	1.7	.6													109	109	134	116
66/ 65	.1	3.0	3.8	1.6	.4	.3												86	86	101	114
64/ 63	.2	3.1	1.6	1.6	.4	.1												66	66	124	96
62/ 61		2.3	1.8	.5	.2													45	45	71	56
60/ 59	.1	2.5	1.7	.5	.2													47	47	55	87
58/ 57		.8	1.9	.2														27	27	61	53
56/ 55		.9	1.1	.1														19	19	28	56
54/ 53		.3	.5															8	8	33	34
52/ 51		.3	.2															5	5	14	26
50/ 49		.1																1	1	8	26
48/ 47																				2	13
46/ 45																					6
TOTAL	1.0	29.0	41.2	19.8	8.4	.6												930	930		930
																		930		930	

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.	6357902	76486	82.2	8.496	930							
Dry Bulb	4429179	63927	68.7	6.131	930			62.6	27.5	2.6		93
Wet Bulb	3980622	60596	65.2	5.903	930			43.3	9.1			93
Dew Point	3737911	58655	63.1	6.441	930			32.3	3.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) JUL (MONTH)

 0900-1100 HOURS (L. S. T.)

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
92/ 91							.2	.2	.1									5	5		
90/ 89						.1	.9	.3										12	12		
88/ 87				.2	.3	1.2	1.1		.2									28	28		
86/ 85				.1	.3	2.6	1.1	.4	.3	.1								46	46		
84/ 83			.3	.2	2.3	2.4	1.3	.5	.5									70	70		
82/ 81			.1	1.7	2.5	1.9	2.2	.5	.2									85	85	3	
80/ 79			.5	2.7	2.7	3.2	1.1	1.3	.2	.1								104	104	13	3
78/ 77		.1	1.3	3.0	3.5	1.9	1.5	1.5	.4									124	124	42	5
76/ 75		.4	3.8	3.1	2.7	1.7	1.1	.9	.2	.1								130	130	83	21
74/ 73		.9	3.0	1.9	1.6	1.5	1.1	.6	.1									100	100	117	55
72/ 71		1.6	2.2	2.3	1.2	1.3	1.2	.2	.2									94	94	131	113
70/ 69		.9	1.7	1.4	1.2	1.4	.3	.2										66	66	147	118
68/ 67		.5	.9	.2	.3	1.0	.3											34	34	109	118
66/ 65		.3	.3	.2		.2	.1											11	11	93	95
64/ 63		.5	.1	.2	.2	.1												11	11	73	97
62/ 61		.2	.2	.3	.1													8	8	49	66
60/ 59		.1	.1															2	2	33	61
58/ 57																				22	40
56/ 55																				13	38
54/ 53																					33
52/ 51																					30
50/ 49																					14
48/ 47																					6
46/ 45																					7
44/ 43																					1
TOTAL		5.6	14.5	17.6	18.7	20.5	13.3	6.8	2.6	.3								930	930		930
																		930		930	

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.	4357435	62503	67.2	12.990	930							
Dry Bulb	5511425	71387	76.8	5.845	930			89.8	70.4	30.4		93
Wet Bulb	4447279	64123	68.9	5.294	930			64.5	25.8	.6		93
Dew Point	3929064	60120	64.6	6.771	930			43.3	8.4			93

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

6806

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 66-70,73-79 (YEARS) JUL (MONTH)

PAGE 1 1200-1400 (HOURS (L. S. T.))

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
98/ 97											.1							1	1		
96/ 95								.3	.1	.3	.1							6	6		
94/ 93								.3	1.0	1.1	.1							23	23		
92/ 91						.2	.2	1.1	1.6	.1								31	31		
90/ 89				.1	.1	.5	1.1	2.0	1.4	.4								53	53		
88/ 87					.1	1.0	3.1	2.4	1.3	1.5	.1							88	88		
86/ 85				.2	1.0	2.9	2.4	2.7	1.5	.8	.3							109	109		
84/ 83				.6	1.8	1.9	3.1	1.9	1.4	.6	.5							108	108	1	
82/ 81			.2	.9	1.7	1.8	3.1	2.9	1.5	.6	.3							117	117	5	1
80/ 79			.3	1.1	1.5	2.3	1.4	1.4	2.0	.9	.1							102	102	24	1
78/ 77			1.0	.6	.9	1.6	1.2	1.0	1.1	.8								75	75	74	8
76/ 75		.5	1.2	1.0	1.0	.8	.9	1.5	1.4	.1								77	77	127	23
74/ 73		.9	1.0	1.4	.9	1.1	.8	.9	.3									66	66	140	60
72/ 71		1.0	.8	.5	.2	.1	.5	.4	.1									34	34	113	114
70/ 69		.1	.6	.2		.1	.3	.2										19	19	125	114
68/ 67		.1	.8	.2			.1											11	11	94	121
66/ 65		.1	.3	.3	.1													8	8	76	87
64/ 63				.2														2	2	61	73
62/ 61																				43	68
60/ 59																				33	64
58/ 57																				12	37
56/ 55																				2	41
54/ 53																					36
52/ 51																					30
50/ 49																					26
48/ 47																					15
46/ 45																					9
44/ 43																					2
TOTAL		.1	6.1	7.4	9.2	14.3	18.3	17.8	14.7	7.2	1.7							930	930		930
																				930	

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	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.	3244089	53597	57.6	14.120	930							
Dry Bulb	5198858	75708	81.4	6.202	930			92.0	85.6	59.6	3.0	93
Wet Bulb	4822181	65377	70.3	5.323	930			70.3	37.1	1.4		93
Dew Point	3902509	59856	64.4	7.344	930			44.2	9.3	.1		93

USAFETAC FORM 0-26-3 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 WRIGHT-PATTERSON AFB OH 68-70,73-79 JUL
STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

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
100/ 99												.1						1	1		
98/ 97											.1	.1						2	2		
96/ 95									.1	.1	1.3	.4			.1			19	19		
94/ 93							.3	.6	.4	1.2	.2							23	23		
92/ 91						.2	.7	1.4	.9	.9	.3							37	37		
90/ 89					.1	.6	.5	2.7	2.2	1.1	.5	.1						73	73		
88/ 87					.3	.9	2.2	2.8	2.0	1.7	.5							96	96		
86/ 85				.1	.4	2.5	2.3	3.4	1.4	1.0	1.3							115	115		
84/ 83				.2	2.0	1.5	2.6	2.3	2.8	1.1	.5	.3						129	129		
82/ 81			.2	1.0	1.1	1.8	2.5	1.3	2.0	1.6	.3	.2						112	112	7	
80/ 79		.1	.2	.6	1.1	1.3	.8	1.5	1.6	1.3	.6							86	86	17	1
78/ 77		.2	1.1	1.3	.8	.6	1.8	1.0	.6	.9	.1							78	78	74	10
76/ 75		.5	.9	1.4	1.3	.9	.4	1.0	.3									59	59	140	26
74/ 73		.3	.5	1.0	.2	.1	.1	1.0	.2									32	32	127	45
72/ 71		.8	1.0	.3	.2	.2	.2	.5										30	30	137	96
70/ 69		.5	1.0	.4	.5	.2												25	25	113	116
68/ 67		.2	.1	.2	.2	.1												8	8	95	117
66/ 65		.1	.1		.2													4	4	90	94
64/ 63																				50	81
62/ 61																				46	65
60/ 59																				22	77
58/ 57																				11	35
56/ 55																					46
54/ 53																					39
52/ 51																					22
50/ 49																					27
48/ 47																					18
46/ 45																					12
44/ 43																					2
TOTAL		2.8	5.1	6.6	8.2	10.9	13.9	19.8	14.6	10.8	6.0	1.3			.1				929		929
																		929		929	

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.	3819990	51166	55.1	14.752	929							
Dry Bulb	6368719	76701	82.6	6.233	929			92.6	86.3	65.3	4.5	93
Wet Bulb	4634540	65444	70.4	5.117	929			71.1	36.5	1.4		93
Dew Point	3853124	59438	64.0	7.358	929			41.1	3.2			93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) JUL (MONTH)

 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
96/ 95											.1							1	1		
94/ 93									.7	.2	.2							7	7		
92/ 91						.1		.4	.6	.3	.1							15	15		
90/ 89					.1	.1	.5	1.3	.5	.1	.1							29	29		
88/ 87					.4	.6	1.2	1.1	1.2	.4	.2							48	48		
86/ 85					.5	1.6	2.2	1.7	1.1	.6	.1							73	73		
84/ 83			.1	.5	1.9	1.5	2.7	2.2	1.3	.5	.4	.1						102	102		
82/ 81			.1	1.5	1.6	2.2	2.3	2.4	1.2	.6	.1							112	112	2	
80/ 79			.4	2.0	2.2	2.7	1.9	1.6	1.4	1.0	.2							125	125	7	
78/ 77		.6	1.5	2.3	1.6	2.0	2.0	1.7	1.1	.3								122	122	43	7
76/ 75		.8	1.7	1.4	2.2	2.0	1.2	1.0	.4	.3								102	102	106	18
74/ 73		.8	1.3	1.5	1.0	.4	1.2	.5	.4									66	66	125	52
72/ 71		1.3	1.2	.8	.4	.2	.8	.5										48	48	135	92
70/ 69		.5	2.2	.3	.6	.3	.2	.5										44	44	128	116
68/ 67		.8	.1	.1	.4	.2	.3											18	18	122	106
66/ 65		.3			.2	.2												7	7	92	103
64/ 63		.1	.5		.1	.1												8	8	73	85
62/ 61		.1			.2													3	3	41	82
60/ 59																				33	62
58/ 57																				18	41
56/ 55																				2	49
54/ 53																				3	37
52/ 51																					28
50/ 49																					19
48/ 47																					18
46/ 45																					15
TOTAL		5.	9.1	10.4	13.5	14.4	16.6	15.2	9.1	4.6	1.6	.1						930		930	
																			930		

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.	3686496	56818	61.1	15.221	930							
Dry Bulb	5662755	73631	79.2	5.974	930			91.2	30.2	45.4	.8	93
Wet Bulb	4492818	64466	69.3	5.098	930			66.8	28.3	.7		93
Dew Point	3841054	59398	63.9	7.141	930			39.1	7.7			93

USAFETAC FORM 0-26-5 (OL A) JUL 63 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 68-70,73-79 YEARS | JUL MONTH

 2100-2300 HOURS (L. S. T.)

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
88/ 87							.1											1	1		
86/ 85						.1	.1	.2										11	11		
84/ 83				.5	1.5	.4	.3											26	26		
82/ 81			.2	1.1	1.3	.6	.2											32	32		
80/ 79			1.0	2.	2.4	1.5	.2	.1										71	71	1	
78/ 77			2.3	3.3	3.5	2.7	.2											107	107	14	1
76/ 75		.8	3.7	4.0	2.4	1.1	.5	.1										116	116	38	8
74/ 73		2.4	4.0	4.5	1.8	1.5	.5											137	137	99	43
72/ 71		2.6	3.4	2.4	2.7	.9	.5	.1										116	116	137	80
70/ 69		1.7	5.4	2.3	1.3	1.2	.2											112	112	133	130
68/ 67		1.3	2.6	1.6	2.4	.9	.1											81	81	135	129
66/ 65		1.2	2.0	1.3	1.0	.3												54	54	99	107
64/ 63		.6	.5	1.4	.8		.1											32	32	101	94
62/ 61		.2	.4	.2	.5													13	13	57	83
60/ 59		.1	.5	.4	.2													12	12	54	69
58/ 57		.2	.1	.3														6	6	29	47
56/ 55			.2															2	2	18	50
54/ 53		.1																1	1	12	36
52/ 51																				5	21
50/ 49																					17
48/ 47																					11
46/ 45																					3
44/ 43																					1
TOTAL		10.9	26.3	25.8	22.0	11.2	3.2	.5										930	930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 73 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5257952	69178	74.4	10.987	930							
Dry Bulb	4962160	67734	72.8	5.681	930			81.0	50.1	10.2		93
Wet Bulb	4226988	62502	67.2	5.336	930			55.5	15.6			93
Dew Point	3848766	59532	64.0	6.391	930			39.1	5.2			93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 WRIGHT-PATTERSON AFB OH 68-70,73-79 JUL
STATION STATION NAME YEARS MONTH

 ALL
HOURS (L. S. T.)

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
100/ 99												.0						1	1		
98/ 97											.0	.0						3	3		
96/ 95								.0	.0	.1	.2	.1			.0			26	26		
94/ 93							.0	.1	.2	.3	.1							53	53		
92/ 91						.1	.1	.4	.4	.2	.1							88	88		
90/ 89				.0	.0	.2	.4	.8	.5	.2	.1	.0						167	167		
88/ 87				.0	.1	.4	1.0	.8	.6	.5	.1							261	261		
86/ 85				.1	.3	1.3	1.0	1.1	.5	.3	.2							354	354		
84/ 83			.1	.3	1.4	1.0	1.3	.9	.7	.3	.2	.1						441	441	1	
82/ 81			.1	.9	1.2	1.1	1.3	.8	.6	.4	.1	.0						490	490	17	1
80/ 79		.1	.6	1.4	1	1.4	.7	.7	.7	.4	.1							556	556	62	5
78/ 77		.2	1.5	2.0	1.5	1.1	.8	.6	.4	.2	.0							628	628	255	32
76/ 75		.9	2.5	2.5	1.4	.8	.5	.6	.3	.1								720	720	543	107
74/ 73	.0	2.0	2.7	2.2	.9	.6	.5	.4	.1									706	706	786	365
72/ 71	.1	2.2	3.2	1.6	.9	.4	.4	.2	.0									675	675	952	688
70/ 69	.1	2.0	3.7	1.3	.9	.4	.1	.1										645	645	979	910
68/ 67	.0	1.8	2.8	1.0	.3	.3	.1											504	504	940	932
66/ 65	.1	1.4	1.9	.9	.3	.2	.0											361	361	759	844
64/ 63	.0	1.2	.9	.7	.2	.1	.0											240	240	709	715
62/ 61	.0	.9	.5	.4	.3	.0												182	182	481	614
60/ 59	.0	.8	.8	.3	.1													148	148	360	594
58/ 57		.4	.7	.1	.0													93	93	261	406
56/ 55		.3	.4	.1	.0													57	57	144	386
54/ 53		.2	.2	.0														32	32	110	283
52/ 51		.1	.1															13	13	43	216
50/ 49		.1																4	4	30	185
48/ 47																				6	103
46/ 45																					72
44/ 43																					9
42/ 41																					1
TOTAL	.4	14.4	23.3	15.9	11.7	9.2	8.2	7.5	5.1	2.9	1.2	.2			.0			7438		7438	7438
																			7438		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 57 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	38665232	522640	70.3	16.157	7438							
Dry Bulb	42091785	556191	74.8	8.212	7438			1.0	448.5	217.1	8.3	744
Wet Bulb	34283604	503032	67.6	5.953	7438			43.6	166.4	4.1		744
Dew Point	30501231	473567	63.7	6.859	7438			301.1	48.0	.1		744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13040 — STATION
WRIGHT-PATTERSON AFB OH — STATION NAME
68-70,73-79 — YEARS
AUG — MONTH

PAGE 1
0000-0200 — HOURS (L. S. T.)

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
82/ 81				.1														1	1		
80/ 79			1.6	1.4	.1	.1	.1											31	31		
78/ 77		.9	1.6	1.0	.9													40	41		
76/ 75		1.1	3.4	.6	.4													51	52	29	4
74/ 73		1.5	4.3	2.1	.4	.1												78	78	50	35
72/ 71		2.6	6.6	2.3	.3	.2												111	112	61	49
70/ 69	.3	3.8	6.2	1.3	.5													112	114	93	73
68/ 67	.1	4.5	7.7	1.1	.2													126	126	130	100
66/ 65		4.8	5.2	1.3	.3													107	107	114	121
64/ 63		4.4	2.8	1.1	.1	.1												79	79	129	110
62/ 61		3.2	2.4	.9	.2													62	62	92	116
60/ 59		1.4	2.8	.3														42	42	65	82
58/ 57		1.2	1.8	.3														31	31	49	62
56/ 55		1.1	1.7	.2														28	28	45	43
54/ 53		.6	.6	.2														14	14	29	43
52/ 51		.4	.2	.2														8	8	23	33
50/ 49		.1	.2															3	3	9	27
48/ 47																				5	14
46/ 45																				1	8
44/ 43																					1
42/ 41																					3
TOTAL	.4	31.7	49.2	14.4	3.6	.5	.1												929		924
																		924		924	

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.	6172145	77033	83.4	7.358	924							
Dry Bulb	4281110	62800	67.6	6.216	929			55.6	20.3	.9		93
Wet Bulb	3852087	59399	64.3	6.037	924			36.5	8.0			93
Dew Point	3630612	57604	62.3	6.539	924			26.3	3.9			93

6809
USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 63-72,73-79 YEARS | AUG MONTH

 0300-0500 HOURS (L. S. T.)

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
80/ 79			.4	.7														10	10		
78/ 77			.2	.1														21	21		
76/ 75		.8	1.8	.7	.2													32	34	5	
74/ 73		3.7	2.9	.9														69	70	41	23
72/ 71		4.4	4.5	1.2	.3													92	92	63	44
70/ 69	.1	6.4	5.3	.3	.3													115	118	75	71
68/ 67	.3	4.8	6.5	.4	.4													115	115	143	97
66/ 65	.2	6.3	4.4	1.1														111	111	94	113
64/ 63		6.1	2.2	.4														92	80	125	96
62/ 61		5.9	1.1															64	64	90	103
60/ 59	.2	4.8	.7	.2														54	54	89	95
58/ 57	.2	2.6	4.3	.4														70	70	48	72
56/ 55		1.5	1.8															31	31	36	58
54/ 53		1.4	1.6	.1														29	29	56	27
52/ 51	.3	.8	.7															16	16	31	49
50/ 49	.1	.4	.4															9	9	18	32
48/ 47		.2	.1	.1														4	4	13	21
46/ 45			.1															1	1	4	11
44/ 43																				1	6
42/ 41																				1	2
40/ 39																					1
38/ 37																					2
TOTAL	1.5	49.9	40.6	6.6	1.3													923	929	923	923

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.	6904639	79603	86.2	6.535	923							
Dry Bulb	4041468	60966	65.6	6.610	929			46.0	13.5	.3		93
Wet Bulb	3702221	58149	63.0	6.490	923			32.9	4.6			74
Dew Point	3522288	56664	61.4	6.878	923			23.7	2.3			92

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1384C STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 68-70,73-79 YEARS | AUG MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

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
82/ 81			.1	.3	.1													5	5		
80/ 79			.4	.6														10	10		
78/ 77		.2	2.2	.8	.1													30	30	2	
76/ 75		.8	2.0	.9	.1													35	35	14	4
74/ 73		2.7	3.7	1.4		.1												73	74	40	25
72/ 71		4.2	6.0	.9	.3													106	106	66	51
70/ 69	.2	5.9	7.1	1.1	.3													136	137	93	69
68/ 67	.2	4.4	6.1	1.1	.4													114	114	134	116
66/ 65	.2	5.1	3.7	1.2	.1													95	95	106	117
64/ 63		4.7	2.5	.4														71	71	114	99
62/ 61		5.9	1.2	.8	.2													75	75	86	91
60/ 59	.2	3.0	1.1	.1														41	41	83	93
58/ 57	.2	2.3	2.6	.2	.1													50	50	43	76
56/ 55		1.8	2.2	.3														40	40	45	44
54/ 53		.8	1.3	.1														20	20	44	36
52/ 51		1.1	.3	.1														14	14	23	45
50/ 49	.1	.4	.2															7	7	19	22
48/ 47		.4	.1	.1														6	6	10	24
46/ 45																				4	7
44/ 43																				2	1
42/ 41																					1
40/ 39																					1
38/ 37																					1
TOTAL	1.2	43.8	42.8	10.3	1.9	.1													930		928
																		928		928	

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.	6823932	79720	85.5	6.899	928							
Dry Bulb	4137731	61727	66.4	6.620	930			51.1	15.4	1.0		93
Wet Bulb	3789459	59000	63.6	6.432	928			35.0	5.6			93
Dew Point	3598453	57439	61.9	6.830	928			26.6	2.0			93

USAFETAC FORM 0-26-5 (OL A) 6-64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 WRIGHT-PATTERSON AFB OH 68-70,73-79 AUG
STATION STATION NAME YEARS MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

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
90/ 89					.1	.1	.1		.1									4	4		
88/ 87						1.0	.2	.2										13	13		
86/ 85			.1	.1	1.2	1.5	.2	.2										32	32		
84/ 83				.8	1.5	.9	.4	.1	.1									34	34		
82/ 81			.5	1.2	1.9	1.2	.3	.3		.1								56	56	2	
80/ 79		.1	.3	3.7	2.2	2.7	1.2	1.1										104	104	10	2
78/ 77		.2	1.3	3.7	3.2	2.9	.6	.4	.2	.1								118	118	30	5
76/ 75		.4	3.4	4.2	2.4	1.9	.8	.3										125	125	56	27
74/ 73		.3	3.7	4.8	1.7	1.2	.8	.1										117	117	99	39
72/ 71		1.1	3.3	3.3	1.8	1.5	1.3	.2										117	117	110	89
70/ 69		1.0	2.5	1.5	1.4	1.2	.6											76	76	159	98
68/ 67		.5	1.6	1.4	1.1	.4	.4	.1										53	53	143	134
66/ 65		.8	1.2	1.1	.5	.2	.2											37	37	106	107
64/ 63		.9	.3	.9	.2	.1												22	22	71	103
62/ 61		.1	.4	.5	.1	.1												13	13	71	83
60/ 59			.2	.3														5	5	39	63
58/ 57				.1	.1													2	2	25	44
56/ 55			.1															1	1	12	47
54/ 53																				8	33
52/ 51																				3	23
50/ 49																					14
48/ 47																					9
46/ 45																					6
44/ 43																					3
TOTAL		5.5	19.1	27.7	19.5	16.8	7.6	3.2	.4	.2								929	929		929
																		929		929	

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.	4753037	65569	70.6	11.614	929							
Dry Bulb	5217248	69406	74.7	5.863	929			85.0	60.4	19.4		93
Wet Bulb	4320822	63156	68.0	5.424	929			60.1	19.7	.3		93
Dew Point	3873239	59667	64.2	5.647	929			39.4	7.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) AUG (MONTH)

 1200-1400 (HOURS (L. S. T.))

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				
92/ 91						.2	.5	.9	.6	.1								22	22		
90/ 89						.8	1.6	1.5	.4									40	40		
88/ 87					.1	1.9	2.0	1.7	1.0	.1	.1							65	65		
86/ 85				.1	.3	3.8	2.6	1.6	1.1	1.0								97	97		
84/ 83				.5	1.3	2.2	2.5	3.0	1.6	.8								110	110	1	
82/ 81		.1		1.3	2.3	1.8	4.6	1.7	.9	.6	.1							125	125	1	
80/ 79			.1	1.4	2.4	3.8	1.9	1.3	1.5	.2								117	117	23	2
78/ 77			.3	2.0	2.6	2.2	1.6	1.4	1.1	.3								103	103	56	6
76/ 75		.3	.6	1.4	1.8	1.2	1.3	1.3	.5	.1								72	72	105	22
74/ 73			.8	1.3	.2	1.6	1.2	1.1	.2	.1								65	65	117	60
72/ 71		.3	1.3	.9	.5	.8	1.2	1.4										59	59	128	85
70/ 69		.2	.5	.5	.2	.2	.3	.5										24	24	144	108
68/ 67			.5	.1		.1	.2											9	9	137	142
66/ 65		.3	.5	.1	.1			.1										11	11	64	97
64/ 63		.4			.2													6	6	71	88
62/ 61				.2	.2													4	4	52	80
60/ 59																				26	60
58/ 57																				17	35
56/ 55																				10	41
54/ 53																				3	35
52/ 51																					40
50/ 49																					19
48/ 47																					16
46/ 45																					8
44/ 43																					3
42/ 41																					2
TOTAL		1.7	4.7	9.9	11.9	20.5	21.6	17.1	8.9	3.3	.2							929	929	929	929

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.	3396811	54979	59.2	12.418	929							
Dry Bulb	5973264	74286	80.0	5.973	929			90.9	81.7	52.1		93
Wet Bulb	4526517	64651	69.6	5.426	929			68.7	30.7	.7		93
Dew Point	3850245	59427	64.0	7.250	929			40.5	9.0	.1		93

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

USAFETAC 6811

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (YEARS) AUG (MONTH)

1500-1700 (HOURS (L. S. T.))

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
94/ 93								.2		.1								3	3		
92/ 91							.9	1.7	.6	.4	.1							34	34		
90/ 89						.8	1.2	2.2	1.4	.1	.3							55	56		
88/ 87					.1	1.4	1.8	2.0	1.4	.8	.3							73	73		
86/ 85					.6	1.7	2.3	3.0	1.2	.8	.5							94	94		
84/ 83				.3	.9	2.4	2.3	3.8	2.9	1.6	.3							134	134		
82/ 81				.4	1.3	2.9	2.8	2.5	2.4	1.1	.1							125	125		
80/ 79			.3	1.0	1.6	2.3	1.3	1.6	1.2	.6	.1							93	93	25	
78/ 77		.2	.5	1.1	2.7	1.9	1.0	.8	.9	.4	.3							91	91	56	3
76/ 75		.1	.5	.9	.6	.9	2.3	1.4	1.0	.2								73	73	81	18
74/ 73		.5	.5	1.2	.4	.3	1.2	.9	.3									50	50	127	55
72/ 71		.3	1.6	.8	.1	.4	.8	.5	.8									49	49	126	73
70/ 69		.4	.6	.5	.1	.2		.2										20	20	139	88
68/ 67		.4	.9		.1	.1	.1											15	15	124	127
66/ 65		.4	.4	.1	.4	.1												14	14	85	95
64/ 63		.3				.1												4	4	69	98
62/ 61																				45	82
60/ 59																				29	62
58/ 57																				14	48
56/ 55																				7	54
54/ 53																					45
52/ 51																					32
50/ 49																					17
48/ 47																					11
46/ 45																					9
44/ 43																					10
TOTAL		2.8	5.5	6.3	9.1	15.5	17.7	20.9	14.0	6.1	2.2							927	928	927	947

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.	3167320	52666	56.8	13.755	927							
Dry Bulb	6088240	74954	80.8	6.078	928			91.2	82.8	56.8	.3	93
Wet Bulb	4506256	64452	69.5	5.203	927			68.0	29.0	.8		93
Dew Poin.	3769103	58733	63.4	7.191	927			36.5	7.6			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 69-70,73-79 (YEARS) AUG (MONTH)

 1800-2000 (HOURS (L. S. T.))

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				
92/ 91									.2									2	2		
90/ 89						.1	.9	.4	.2	.2								17	17		
88/ 87					.1	.6	.2	.4	.2									21	21		
86/ 85					.4	2.3	.6	.9	.2	.3								44	44		
84/ 83				.8	1.9	1.2	1.7	1.1	.9	.1								71	71		
82/ 81				1.2	2.6	1.4	1.9	1.2	.5	.3								84	84		
80/ 79			.4	1.7	2.2	2.9	2.5	1.5	.5	.3								112	112	4	
78/ 77			.6	2.8	3.8	3.1	2.0	.6	.1	.2	.1							125	125	35	1
76/ 75		.4	1.6	2.5	3.3	2.5	1.4	.9	.4	.1								121	121	69	11
74/ 73	.1	.5	3.1	3.1	1.6	1.5	.4	.3	.3	.1								106	106	92	55
72/ 71		.5	2.3	1.4	1.4	1.3	1.1	.2	.1									77	77	123	73
70/ 69		.2	2.7	.8	1.1	1.4	.1	.6										71	71	145	105
68/ 67		.1	1.0	.2	.8	.2	.2	.1										24	24	145	115
66/ 65		.8	.9	.9	.9	.3	.1											31	31	107	91
64/ 63		.4		.2	.6	.2												14	14	66	102
62/ 61				.2	.3	.1												6	6	61	108
60/ 59			.1															1	1	37	59
58/ 57																				20	58
56/ 55																				18	41
54/ 53																				4	38
52/ 51																				1	27
50/ 49																					14
48/ 47																					10
46/ 45																					8
44/ 43																					9
42/ 41																					2
TOTAL	.1	3.0	12.9	15.7	20.9	19.2	13.9	8.5	3.8	1.7	.1							927	927	927	927

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.	4079682	60280	65.0	13.139	927							
Dry Bulb	5473891	71025	76.6	5.887	927			87.8	70.5	29.3		93
Wet Bulb	4339689	63239	68.2	5.257	927			61.5	20.1	.2		93
Dew Point	3781443	58861	63.5	0.893	927			36.1	6.7			93

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

6812

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 68-70,73-79 YEARS | AUG MONTH

 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
84/ 83				.2	.5	.2	.1												10	10		
82/ 81			.1	1.2	1.2	.1	.1												25	25		
80 79			1.6	2.7	.8	.4													51	51		
78/ 77			2.2	1.7	1.2	.3													50	50	6	
76/ 75		.4	2.8	3.7	1.2	.4	.1												80	80	39	7
74/ 73		1.1	6.1	5.1	1.3	.8	.2												131	131	73	43
72/ 71	.2	1.8	6.6	4.3	.6	.4	.2												132	132	84	67
70/ 69		1.7	7.4	3.7	1.7	.1	.1												136	136	112	90
68/ 67		1.6	4.5	2.2	1.4	.3													93	93	144	107
66/ 65		1.1	3.5	2.4	.6	.4													74	74	128	117
64/ 63		2.3	1.9	1.4	.6		.1												59	59	98	114
62/ 61		.5	1.5	1.3	.5	.1													37	37	87	99
60/ 59		.1	1.4	.8	.2														23	23	53	71
58/ 57		.3	.4	.6															13	13	34	69
56/ 55			.5	.1	.1														7	7	37	45
54/ 53		.2		.1															3	3	17	30
52/ 51																					10	18
50/ 49																					1	29
48/ 47																					1	12
46/ 45																						1
44/ 43																						5
TOTAL	.2	11.3	40.6	31.5	11.8	3.7	1.0													924		924
																			924		24	

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.	5681761	71995	77.9	8.841	924							
Dry Bulb	4630985	65197	70.6	5.769	924			71.3	34.9	6.5		93
Wet Bulb	4946628	60928	65.9	5.612	924			46.1	11.9			93
Dew Point	3735845	58451	63.3	6.443	924			31.6	5.0			93

USAFETAC FORM 0-56-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (YEARS) | AUG (MONTH)

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

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
94/ 93								.0		.0								3	3		
92/ 91						.0	.2	.3	.2	.1	.0							58	58		
90/ 89					.0	.2	.5	.5	.3	.0	.0							116	117		
88/ 87					.0	.6	.6	.6	.3	.1	.1							172	172		
86/ 85			.0	.0	.3	1.2	.7	.7	.3	.3	.1							267	267		
84/ 83				.3	.8	.8	.9	1.0	.7	.3	.0							359	359	1	
82/ 81		.0	.1	.7	1.2	.9	1.3	.7	.5	.3	.0							421	421	3	
80/ 79		.0	.7	1.6	1.1	1.5	.9	.7	.4	.1	.0							528	528	62	4
78/ 77		.2	1.4	1.6	1.8	1.3	.7	.4	.3	.1	.1							578	579	185	15
76/ 75		.5	2.1	1.8	1.1	.9	.7	.5	.2	.1								589	592	402	93
74/ 73	.0	1.3	3.1	2.5	.7	.7	.5	.3	.1	.0								689	691	639	335
72/ 71	.0	1.9	4.0	1.9	.7	.6	.6	.3	.1									743	744	761	531
70/ 69	.1	2.5	4.0	1.2	.8	.4	.1	.2										690	696	951	702
68/ 67	.1	2.1	3.6	.8	.6	.1	.1	.0										549	549	1070	918
66/ 65	.1	2.4	2.5	1.0	.3	.1	.0	.0										480	480	788	858
64/ 63		2.4	1.2	.6	.2	.1	.0											335	335	743	810
62/ 61		2.0	.8	.5	.2	.0												261	261	584	762
60/ 59	.1	1.2	.8	.2	.0													166	166	421	585
58/ 57	.1	.8	1.1	.2	.0													166	166	250	464
56/ 55		.6	.8	.1	.0													107	107	213	373
54/ 53		.4	.4	.1														66	66	161	286
52/ 51	.0	.3	.1	.0														38	38	91	267
50/ 49	.0	.1	.1															19	19	47	174
48/ 47		.1	.0	.0														10	10	29	117
46/ 45			.0															1	1	9	58
44/ 43																				3	44
42/ 41																				1	10
40/ 39																					2
38/ 37																					3
TOTAL	.4	18.7	26.9	15.3	10.0	9.6	7.8	6.2	3.4	1.4	.3								7425		7411
																		7411		7411	

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.	41279327	541445	73.1	15.242	7411							
Dry Bulb	39843937	540361	72.8	8.359	7425			578.8	379.5	166.3	.1	744
Wet Bulb	33083650	492974	66.5	9.271	7411			409.0	129.7	2.0		744
Dew Point	29761228	466846	63.0	6.901	7411			268.8	44.9	.1		744

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

 0000-0200 (HOURS (L. S. T.))

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
78/ 77				.6	.1													6	6		
76/ 75			.2	.7	.4													12	12		
74/ 73		.7	1.8	1.2	.1													34	34	4	1
72/ 71		1.1	4.3	.8	.1	.1												58	58	14	6
70/ 69		1.6	3.0	.4	.8	.2												52	52	51	18
68/ 67	.2	3.6	4.2	2.2	.4													96	96	68	62
66/ 65	.1	2.8	3.6	1.6														72	72	64	67
64/ 63	.2	1.8	2.4	1.4	.1	.2												56	56	79	62
62/ 61	.3	2.1	3.3	1.2	.7	.1												70	70	66	67
60/ 59		2.4	1.7	.9	.6													50	50	56	45
58/ 57	.1	3.1	2.7	1.6	.3	.1	.1											72	72	69	64
56/ 55		2.9	2.7	1.6	.6		.1											70	70	57	69
54/ 53	.2	3.1	3.6	1.1	.2	.1												75	75	74	59
52/ 51		2.0	4.0	1.0	.1													64	64	71	60
50/ 49		2.2	2.3	.7	.1													48	48	66	63
48/ 47		2.1	.4	.6														28	28	64	56
46/ 45		.8	.8	.4														18	18	44	67
44/ 43		.6	.2	.2														9	9	22	50
42/ 41		.6	.1															6	6	13	25
40/ 39			.2															2	2	14	24
38/ 37		.1	.1															2	2	2	14
36/ 35																				2	5
34/ 33																					6
32/ 31																					10
TOTAL	1.2	33.4	41.7	18.1	4.4	.9	.2											900	900		900
																				900	

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.	6003263	73017	81.1	9.398	900							
Dry Bulb	3340335	54327	60.4	8.236	900			25.8	5.2			90
Wet Bulb	2984080	51298	57.3	8.184	900			13.7	.4			90
Dew Point	2743992	49018	54.5	9.088	900		1.0	8.7	.1			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 | WRIGHT-PATTERSON AFB OH | 67-70,73-78 | SEP
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

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
78/ 77					.2													2	2		
76/ 75			.7	.4														10	10		
74/ 73		.3	1.4	.9														24	24		
72/ 71		1.1	2.3	.4														35	35	15	5
70/ 69		3.3	2.5	.6	.1													58	58	35	16
68/ 67		2.8	3.2	.7	.1	.1												62	62	67	34
66/ 65	.2	3.9	2.9	1.4		.1												77	77	46	62
64/ 63	.1	2.9	2.3	.6		.1												54	54	81	38
62/ 61	.7	3.2	2.7	.8	.6													71	72	57	84
60/ 59		2.6	2.9	.8	.1	.1												56	60	62	42
58/ 57	.1	3.2	1.7	.6		.2												52	52	54	61
56/ 55	.1	3.9	2.5	.6														63	63	64	60
54/ 53	.1	4.6	4.8	.7	.1	.												94	94	61	47
52/ 51	.1	3.1	3.1	.6	.1													63	63	34	77
50/ 49	.2	2.5	2.6	.3														50	50	71	61
48/ 47		3.3	1.3															42	42	55	73
46/ 45		2.9	.9	.4														38	38	60	56
44/ 43		1.1	.8															17	17	33	49
42/ 41		.9	.8															15	15	21	42
40/ 39		.7	.1															7	7	18	24
38/ 37		.2																2	2	9	19
36/ 35		.3																3	3	1	9
34/ 33																				3	12
32/ 31																					3
30/ 29																					3
TOTAL	1.7	46.9	39.5	9.7	1.3	.9													900		897
																		897		897	

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	≥ 10 F	≥ 93 F	Total
Rel. Hum.	635[illegible]24	75090	83.7	8.470	897							
Dry Bulb	3146277	52643	58.5	8.637	900			19.1	3.6			90
Wet Bulb	2847179	49955	55.7	8.526	897			11.7				90
Dew Point	2607448	48824	53.5	9.229	897		.6	7.5				90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 67-70,73-78 YEARS | SEP MONTH

 0600-0800 HOURS (L. S. T.)

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
78/ 77					.1													1	1		
76/ 75		.1	1.0	.7	.1													17	17		
74/ 73		.6	1.4	.7														24	24	4	
72/ 71		1.4	2.4	.7														41	41	16	8
70/ 69		2.7	2.6	.7														53	53	43	22
68/ 67	.1	2.8	3.1	1.1														64	64	60	52
66/ 65	.1	3.3	2.6	1.2	.1													66	66	47	55
64/ 63	.2	3.0	3.9	.2		.1												49	49	72	55
62/ 61	.1	3.6	2.3	1.0	.4	.1												68	68	52	53
60/ 59	.1	3.5	2.8	.9	.2													67	68	58	54
58/ 57		4.7	2.4	1.0	.2													75	76	73	62
56/ 55	.1	2.9	2.3	.9	.1													57	57	63	69
54/ 53		3.7	4.1	.6														75	75	64	58
52/ 51	.2	2.9	3.2	.7														63	63	73	60
50/ 49	.3	3.7	2.9	.1														63	63	75	68
48/ 47		3.2	1.3	.3														44	44	64	76
46/ 45		2.7	.6	.1														30	30	53	60
44/ 43		.9	.9															16	16	31	45
42/ 41		1.1	.2															12	12	16	42
40/ 39		.2	.2															4	4	16	18
38/ 37		.7																6	6	3	13
36/ 35		.1	.2															3	3	9	13
34/ 33																				1	8
32/ 31																				1	4
30/ 29																					1
28/ 27																					2
TOTAL	1.3	47.7	38.6	10.8	1.3	.2												898	900	898	898

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.	6409400	75504	84.1	8.347	898							
Dry Bulb	3162468	52772	58.6	8.707	900			20.0	4.2			90
Wet Bulb	2870692	50190	55.9	8.547	898		.1	12.5	.4			92
Dew Point	2675005	48319	53.8	9.149	898		.7	8.2				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

 0900-1100 (HOURS (L. S. T.))

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				
98/ 97							.3											3	3		
96/ 95						1.1	.4											14	14		
94/ 93					.3	.6	.1											9	9		
92/ 91				.1	.3	.6	.1					.1						18	18		
90/ 89			.3	.9	1.2	1.0	.2	.1	.1									35	35		
88/ 87			.7	1.2	1.4	1.1	.3	.3	.1		.1							48	48		
86/ 85		.2	.7	1.1	1.1	1.6	.2		.3									47	47	22	
84/ 83		.2	1.7	2.4	.7	1.4	.7	.2	.3									69	69	42	5
82/ 81		1.0	1.8	2.7	1.6	.9	.6	.2	.1	.1								80	80	48	33
80/ 79		1.2	2.0	1.9	2.0	.9	.7	.8										85	85	53	50
78/ 77		1.2	1.9	1.3	1.7	.9	.6											68	68	78	59
76/ 75		1.3	1.4	2.8	2.4	1.4	.3	.1										89	89	72	58
74/ 73		1.2	1.9	2.3	1.0	.8	.4											69	69	76	65
72/ 71		1.3	1.4	2.1	2.0	.4	.3	.1										70	70	73	66
70/ 69		1.1	1.5	1.6	1.1	.7	.2											56	56	86	62
68/ 67		.7	1.0	1.6	1.2	.2	.4											46	46	85	62
66/ 65		1.0	2.0	1.1	.4	.3												44	44	70	75
64/ 63		.1	.8	1.3	.3	.1												24	24	59	62
62/ 61	.1		.6	.3	.2	.1												12	12	49	52
60/ 59			.2	.1		.1												4	4	39	56
58/ 57		.1		.2														3	3	19	64
56/ 55		.1	.4															5	5	13	40
54/ 53			.1															1	1	7	28
52/ 51		.1																1	1	6	24
50/ 49																				1	13
48/ 47																					8
46/ 45																					9
44/ 43																					4
42/ 41																					2
40/ 39																					3
38/ 37																					
36/ 35																					
34/ 33																					
32/ 31																					
30/ 29																					
TOTAL	.1	11.0	20.4	25.1	19.7	14.4	6.0	1.9	1.0	.1	.1	.1							900		900
																		900		900	

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	≤ 63 F	Total
Rel. Hum.	4524837	62677	69.6	13.338	900							
Dry Bulb	4127625	60501	67.2	8.207	900			47.6	24.3	5.7		90
Wet Bulb	3396208	54856	61.0	7.655	900			24.3	6.4			90
Dew Point	2951060	50872	56.5	9.167	900		.5	14.7	.5			90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 67-70,73-78 YEARS | SEP MONTH

 1200-1400 HOURS (L. S. T.)

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
92/ 91									.1	.4								5	5		
90/ 89							.2	1.4	1.0	.1								25	25		
88/ 87							.3	1.6	.4									21	21		
86/ 85					.1	.2	.9	.9	.1	.2			.1	.1				24	24		
84/ 83				.2	.1	.9	1.9	1.3	.4	.3				.1				48	48		
82/ 81				.4	1.7	.7	1.8	1.7	.4	.6	.3	.2						70	70		
80/ 79				.3	1.2	1.2	1.0	1.4	.9	1.1	.1	.1						67	67	1	
78/ 77			.1	.7	1.2	1.0	2.0	1.6	.9	.4	.2							73	73	5	
76/ 75		.1	.6	2.1	.6	1.4	1.9	1.1	.2	.9	.2							81	81	38	4
74/ 73		.2	.3	.4	.7	.7	2.2	1.1	.6	.3								59	59	64	4
72/ 71		.2	.7	1.0	1.2	1.9	1.3	1.7	.7									78	78	67	22
70/ 69		.2	.8	1.2	1.1	1.3	2.2	1.6	.6	.2								83	83	69	59
68/ 67		.9	.8	1.1	.6	1.6	1.8	.4	.3	.1								68	68	62	71
66/ 65		.7	.3	.8	.9	.8	1.1	.7	.7									53	53	74	59
64/ 63		1.0	.7	.7	.3	1.6	.6	.4	.1									48	48	91	55
62/ 61		.3	.2		.6	1.3	.3	.9	.1									34	34	99	63
60/ 59		.6	.1		.1	.8	.4	.2										20	20	62	62
58/ 57		.2	.1	1.0	.1	.2	.2											17	17	87	61
56/ 55		.1	.3	.3	.1		.1											9	9	47	68
54/ 53			.4	.1	.2		.2											9	9	39	46
52/ 51		.2			.1													3	3	41	44
50/ 49				.1														1	1	27	56
48/ 47				.1														1	1	14	47
46/ 45		.2	.1															3	3	4	52
44/ 43																				8	33
42/ 41																				1	28
40/ 39																					17
38/ 37																					13
36/ 35																					16
34/ 33																					12
32/ 31																					3
30/ 29																					2
28/ 27																					3

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT- PATTERSON AFB OH STATION NAME | 67-70,73-78 YEARS | SEP MONTH

 1200-1400 HOURS (L. S. T.)

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
TOTAL		5.3	5.6	10.7	10.9	15.6	20.6	13.0	7.6	4.7	.9	.3	.1	.2				900	900	900	900

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.	3087106	50894	56.5	15.251	900							
Dry Bulb	4879770	65824	73.1	8.539	900			70.2	47.3	23.0		90
Wet Bulb	3611862	56604	62.9	7.594	900			30.6	10.8			9
Dew Point	2903527	50315	55.9	10.041	900		.8	16.0	.8			90

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

USAFETAC 6816

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 67-70,73-78 YEARS | SEP MONTH

1500-1700 HOURS (L. S. T.)

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
94/ 93										.2								2	2		
92/ 91									.3	.8								10	10		
90/ 89						.1	.1	.8	.8	.1								17	17		
88/ 87					.1		.4	1.1	.6	.1	.1			.1	.1			24	24		
86/ 85						.2	1.0	2.2	.7	.8			.1	.1				46	46		
84/ 83					.3	1.6	1.9	1.3	1.4	.2	.4	.3						68	68		
82/ 81					1.0	.6	1.3	1.7	.6	1.1	.8	.2						65	65		
80/ 79		.1		.4	1.2	1.6	1.9	1.6	1.1	.7	.4	.2						75	75	3	
78/ 77		.1	.3	.9	1.3	.4	1.2	1.6	1.6	.1		.1						69	69	2	1
76/ 75			.4	.8	.8	.9	2.3	2.0	1.3	.9	.1							80	80	31	4
74/ 73		.2	.3	.8	1.3	1.0	1.4	.9	.7	.9	.4							69	69	69	6
72/ 71		.3	.7	1.2	.9	1.6	2.3	1.4	1.1	.8	.2							95	95	78	13
70/ 69		.7	.6	.6	.6	.8	1.2	1.8	.3	.6								63	63	62	59
68/ 67		.6	.3	.8	.4	1.1	1.7	.4	.6	.1								54	54	79	61
66/ 65		.2	1.0	.7	.2	.3	1.1	.6	.7									43	43	71	80
64/ 63		.6	.7	.1	.1	1.2	1.3	.7	.4									46	46	96	50
62/ 61		.6	.7	.1		.2	.6	.3										22	22	91	41
60/ 59		.4	.4	.2	.3	.2	.2											17	17	69	64
58/ 57				.9		.2	.2											12	12	67	73
56/ 55			.4	.2	.1	.2	.2											11	11	52	63
54/ 53			.2			.1	.1											4	4	39	47
52/ 51			.2															2	2	42	51
50/ 49				.1														1	1	25	53
48/ 47				.2														2	2	11	36
46/ 45			.3															3	3	4	58
44/ 43																				8	32
42/ 41																				1	18
40/ 39																					23
38/ 37																					19
36/ 35																					20
34/ 33																					16
32/ 31																					7
30/ 29																					4
28/ 27																					1

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
TOTAL		3.8	6.7	8.0	8.4	12.7	19.4	18.3	11.8	7.3	2.6	.9	.1	.2	.1			900	900	900	900

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.	2849644	48536	53.9	16.070	900							
Dry Bulb	5029561	66847	74.3	8.473	900			77.7	52.5	26.8	.2	90
Wet Bulb	3635304	56798	63.1	7.520	900			32.4	10.9	.1		90
Dew Point	2862742	49900	55.4	10.337	900		1.2	14.4	1.1			90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

 1800-2000 HOURS (L. S. T.)

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
90/ 89									.2										2	2		
88/ 87							.1	.2											3	3		
86/ 85							.2		.1	.1			.1						11	11		
84/ 83						.8	.9	.3											18	18		
82/ 81				.2	.4	1.2	.3	.4	.3		.1								28	28		
80/ 79				.3	.9	2.1	.8	.7		.4	.2								49	49		
78/ 77			.7	1.0	1.8	1.1	1.6	.3	.3	.1	.2								64	64	1	
76/ 75		.2	.3	1.7	1.6	1.3	.7	.8	.2										61	61	5	1
74/ 73		.3	1.7	2.1	.9	2.8	1.0	.1	.6	.1									85	85	44	6
72/ 71		1.0	1.7	2.0	2.1	1.7	1.0	.4	.3	.2									94	94	59	9
70/ 69		.4	1.6	1.4	1.3	1.2	1.0	.9	.1	.1									73	73	72	47
68/ 67		.3	1.6	1.7	1.6	1.2	.8	.2	.1	.1									68	68	75	74
66/ 65		.7	2.2	1.7	1.2	.9	.9	.2	.3										73	73	78	70
64/ 63		1.3	1.2	2.2	.9	1.7	.3	.2	.2										73	73	83	47
62/ 61		.7	.6	1.2	1.6	1.4	1.0	.3											61	61	96	56
60/ 59		.4	.9	1.0	.3	1.1	.2	.1											37	37	73	92
58/ 57		.3	1.0	1.6	1.0	.6													40	40	64	62
56/ 55		.1	1.4	.8	.8	.3													31	31	61	67
54/ 53		.1		.3	.4	.2													10	10	58	52
52/ 51		.1	.1	.1	.1	.1													5	5	56	57
50/ 49		.2	.1	.1	.2														6	6	34	40
48/ 47			.2	.2															4	4	18	56
46/ 45			.1	.1															2	2	9	42
44/ 43			.2																2	2	7	30
42/ 41																					6	26
40/ 39																					1	17
38/ 37																						24
36/ 35																						13
34/ 33																						8
32/ 31																						4
TOTAL		6.3	15.6	19.8	17.0	19.8	11.4	5.3	2.9	1.2	.6		.1						900	900		900
																			900		900	

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.	3924709	57963	64.4	14.603	900							
Dry Bulb	4345146	62104	69.0	8.149	900			55.6	32.1	8.9		90
Wet Bulb	3432516	55168	61.3	7.520	900			25.6	5.0			90
Dew Point	2888850	50268	55.9	9.505	900		.4	13.7	.7			90

USAFETAC FORM 0-26-5 (OL A) 85 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 67-70,73-78 YEARS | SEP MONTH

 2100-2300 HOURS (L. S. T.)

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					
84/ 85						.1													1	1		
82/ 81					.1														1	1		
80/ 79					.2														2	2		
78/ 77			.4	.9	.8	.1	.1												21	21		
76/ 75		.2	.8	1.3	.8	.1													33	33		
74/ 73		.6	2.1	1.7	.3	.1													41	41	14	2
72/ 71		1.2	3.2	2.9	1.4	.4	.1												76	76	25	13
70/ 69		2.1	3.2	2.4	1.1	.3													83	83	55	35
68/ 67	.1	1.2	4.1	2.9	1.0	.2	.3												89	89	67	60
66/ 65		1.2	2.0	1.3	.8	.3		.1											52	52	69	59
64/ 63		2.4	2.6	3.2	.7		.1												81	81	90	61
62/ 61	.1	1.6	3.8	2.0	1.2	.6													83	83	64	58
60/ 59		2.0	2.9	1.9	1.4	.9													82	82	67	79
58/ 57		.8	2.7	1.1	1.3	.2													56	53	91	63
56/ 55		1.0	3.7	1.1	1.0	.1													62	62	82	77
54/ 53		.9	2.9	1.4	.3														50	50	59	59
52/ 51		.9	1.6	.8	.7														35	35	75	56
50/ 49		.3	1.3	.3	.6														23	23	55	60
48/ 47		.4	1.0	.2															15	15	40	50
46/ 45			.2	.3															5	5	26	43
44/ 43		.1	.3	.4															8	8	14	37
42/ 41			.2																2	2	8	41
40/ 39																					5	14
38/ 37																					4	13
36/ 35																						6
34/ 33																						10
32/ 31																						4
TOTAL	.2	17.0	39.0	25.9	13.6	3.6	.7	.1											900	900		900
																			900		900	

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	≥ 95 F	Total
Rel. Hum.	5327792	68584	76.2	10.619	900							
Dry Bulb	3641531	56813	63.1	7.934	900			34.7	9.9	.2		90
Wet Bulb	3152787	52799	58.7	7.043	900			17.1	1.4			90
Dew Point	2837795	49815	55.4	9.044	900		.4	11.0	.2			90

USAFETAC FORM 0-6-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) SEP (MONTH)

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

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
94/ 93										.0								2	2		
92/ 91									.1	.2								15	15		
90/ 89						.0	.0	.3	.3	.0								44	44		
88/ 87					.0		.2	.4	.1	.0	.0			.0	.0			51	51		
86/ 85					.0	.2	.4	.4	.1	.1			.0	.0				95	95		
84/ 83				.0	.1	.5	.6	.4	.2	.1	.1	.0		.0				144	144		
82/ 81				.1	.4	.4	.4	.5	.2	.2	.2	.1						182	182		
80/ 79		.0	.0	.3	.6	.7	.4	.5	.3	.3	.1	.0						228	228	4	
78/ 77		.0	.3	.7	.9	.5	.7	.5	.4	.1	.1	.0						284	284	8	1
76/ 75		.1	.6	1.2	.7	.7	.6	.3	.2	.2	.0							341	341	96	9
74/ 73		.4	1.3	1.3	.4	.8	.7	.3	.3	.2	.1							405	405	241	24
72/ 71		.9	2.1	1.3	.9	.8	.7	.5	.3	.1	.0							557	557	324	109
70/ 69		1.5	2.0	1.2	.8	.6	.6	.6	.1	.1								550	550	450	306
68/ 67	.1	1.7	2.4	1.5	.7	.6	.6	.1	.1	.0								569	569	556	493
66/ 65	.1	1.8	2.0	1.4	.7	.5	.4	.2	.2									525	525	521	510
64/ 63	.1	1.8	1.7	1.3	.4	.7	.3	.2	.1									476	476	670	433
62/ 61	.2	1.7	1.9	1.1	.9	.5	.3	.2	.0									479	480	598	488
60/ 59	.0	1.6	1.7	.9	.5	.5	.1	.0										387	390	533	500
58/ 57	.0	1.6	1.4	1.2	.5	.2	.1											369	370	590	508
56/ 55	.0	1.5	1.9	.8	.4	.1	.1											347	347	476	548
54/ 53	.0	1.6	2.1	.7	.2	.1	.0											341	341	453	430
52/ 51	.1	1.2	1.6	.4	.2	.0												247	247	493	457
50/ 49	.1	1.1	1.2	.2	.1	.0												196	196	392	457
48/ 47		1.2	.5	.2														139	139	285	458
46/ 45		.8	.4	.2														104	104	213	418
44/ 43		.3	.3	.1														53	53	130	304
42/ 41		.3	.2															36	36	72	246
40/ 39		.1	.1															13	13	55	150
38/ 37		.1	.0															10	10	18	123
36/ 35		.1	.0															6	6	12	91
34/ 33																				4	76
32/ 31																				1	37
30/ 29																					13
28/ 27																					6

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) 3/SUSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-72,73-78 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.6	21.4	25.9	16.0	9.6	8.5	7.3	5.5	2.9	1.7	.5	.2	.0	.1	.0			7195	7200	7195	7195

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.	38476985	512265	71.2	16.695	7195							
Dry Bulb	31672713	471831	65.5	10.225	7200			346.7	179.1	64.6	.2	720
Wet Bulb	25930628	427668	59.4	8.421	7195		.1	168.0	34.9	.1		720
Dew Point	22503417	396531	55.1	9.504	7195		5.6	94.3	3.4			720

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

6819

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 67-70,73-78 YEARS | OCT MONTH

 0000-0200 HOURS (L. S. T.)

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
70/ 69				.1	.3													4	4		
68/ 67		.1	1.2	.2	.6	.2												22	22		
66/ 65		1.4	.6	.3	.3		.1											26	26	5	
64/ 63		1.1	1.0	1.5		.4												37	37	27	13
62/ 61	.4	.6	1.2	.2	.1	.3	.1											28	28	24	30
60/ 59		2.2	2.0	1.2	.4	.1	.2											57	57	35	8
58/ 57	.2	2.3	1.6	.9	.4	.1												51	51	40	31
56/ 55	.2	2.3	1.7	1.2	.4	.1	.1											56	56	57	44
54/ 53		2.0	1.7	1.6	.3	.3												56	56	48	50
52/ 51	.3	1.8	2.8	1.3	.5	.4												64	64	51	48
50/ 49		2.5	3.0	1.0	.9	.3												71	71	49	55
48/ 47		2.5	3.2	1.3	.3	.1												66	67	73	40
46/ 45	.1	2.9	3.7	1.5	.2													78	78	74	67
44/ 43	.2	3.0	3.4	1.5														76	76	76	56
42/ 41	.1	1.7	2.5	1.1	.1													51	51	83	67
40/ 39	.1	1.6	4.1	1.1														64	64	63	66
38/ 37		1.6	1.4	.2														30	30	59	58
36/ 35		1.3	2.6	.3														39	39	56	63
34/ 33	.1	1.1	.8	.1														19	19	37	47
32/ 31		.5	.9															13	13	30	64
30/ 29	.1	.4	.8															12	12	15	53
28/ 27	.1	.5																6	6	17	31
26/ 25		.2																2	2	7	16
24/ 23		.1																1	1	3	17
22/ 21																					8
20/ 19																					12
18/ 17																					5
TOTAL	2.0	33.8	40.2	15.9	5.1	2.5	.5												930		929
																		929		929	

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.	5561897	71011	76.4	12.014	929							
Dry Bulb	2318289	45591	49.0	9.469	930		3.4	2.6				93
Wet Bulb	2005610	42304	45.5	9.239	920		7.2					93
Dew Point	1716384	3872[illegible]	41.7	10.504	929		20.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
70/ 69					.2													2	2		
68/ 67		.3	.2	.1	.1													7	7		
66/ 65		1.9	.5	.5	.1	.1												30	30	7	
64/ 63	.1	.8	.8	1.0	.1	.1												26	26	23	21
62/ 61		1.5	1.1	.5		.3												32	32	11	12
60/ 59		1.4	1.3	.6	.4	.3	.1											39	39	32	11
58/ 57	.2	1.6	1.9	.8		.2	.2											46	46	34	24
56/ 55	.2	2.8	1.6	.5	.4	.1												53	53	37	34
54/ 53	.2	1.8	1.8	1.5	.3													53	53	65	46
52/ 51		2.3	2.0	1.5	.4	.6												64	64	42	51
50/ 49	.1	1.9	2.8	1.0	.1													55	55	49	37
48/ 47		3.3	1.9	1.4	.2													64	64	55	37
46/ 45		3.7	3.4	.6	.1													73	73	86	55
44/ 43	.1	3.0	3.1	1.0	.2													69	69	65	54
42/ 41	.2	3.7	3.0	.5														69	69	74	73
40/ 39	.2	3.2	3.3	.5														68	68	81	67
38/ 37	.1	2.7	2.4	.4														52	52	63	68
36/ 35	.2	2.4	2.2	.2														46	46	60	47
34/ 33	.1	1.7	1.3	.1														30	30	52	73
32/ 31		1.0	.9															17	17	34	58
30/ 29		.8	.6															13	13	22	57
28/ 27		1.2	.3															14	14	14	32
26/ 25	.3	.3																6	6	19	27
24/ 23		.2																2	2	4	14
22/ 21																				1	12
20/ 19																					13
18/ 17																					7
TOTAL	2.2	43.4	36.6	12.9	2.8	1.8	.3												930		930
																		930		930	

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.	5839966	72950	78.4	11.256	930							
Dry Bulb	2167446	43988	47.3	9.670	930		5.2	.9				93
Wet Bulb	1902505	41149	44.2	9.385	930		9.4					93
Dew Point	1644042	37872	40.7	10.468	930		22.0					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

 0600-0800 (HOURS (L. S. T.))

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
70/ 69				.1	.1													2	2		
68/ 67		.6	.1	.2	.1													10	10	1	
66/ 65		1.1	.3	.3														16	16	6	4
64/ 63		1.7	.4	1.0	.1													30	30	17	10
62/ 61		2.0	.9	.3	.1													31	31	21	14
60/ 59		1.3	1.4	.6	.2	.1	.1											35	35	28	19
58/ 57	.3	1.8	.9	1.0	.3	.2												42	42	36	32
56/ 55	.1	2.4	2.3	1.1	.1	.3												58	58	34	29
54/ 53	.2	1.4	2.6	.9	.1	.1												49	49	43	35
52/ 51	.1	2.0	2.3	.8	.9	.1												57	57	53	37
50/ 49	.2	2.3	3.9	1.1	.2													71	71	48	43
48/ 47	.1	3.2	2.7	.8														63	63	64	49
46/ 45		3.5	2.6	.4	.1													62	62	83	56
44/ 43	.2	3.5	2.7	.5	.2													67	67	74	51
42/ 41	.2	3.2	2.7	.5														62	62	68	73
40/ 39		4.2	3.4	.4														75	75	64	76
38/ 37		3.0	2.5	.4														55	55	66	58
36/ 35	.1	3.3	2.4															54	54	59	61
34/ 33	.2	1.9	1.5															34	34	68	53
32/ 31		1.3	.6															18	18	31	67
30/ 29	.2	.9	1.															19	19	29	54
28/ 27	.2	.8	.1															10	10	17	39
26/ 25		.8																7	7	10	28
24/ 23		.2																2	2	9	10
22/ 21	.1																	1	1	1	14
20/ 19																					15
18 17																					3
TOTAL	2.4	46.6	37.1	10.4	2.6	.9	.1												930		930
																		930		930	

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.	6014700	74176	79.8	10.296	930							
Dry Bulb	2119732	43474	46.7	9.704	930		5.7	1.2				93
Wet Bulb	1977260	40854	43.9	9.428	930		9.7	.1				93
Dew Point	1639322	37832	40.7	10.392	930		23.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 67-70,73-78 (YEARS) | OCT (MONTH)

 0900-1100 (HOURS (L. S. T.))

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				
80/ 79								.1										1	1		
78/ 77					.1	.3												4	4		
76/ 75					.1	.9	.1	.1										11	11		
74/ 73				.1	.6	.3	.1		.1									13	13		
72/ 71			.1	.8	.6	.3	.2	.1										21	21		
70/ 69			.8	.4	1.1	.5	.1	.1										28	28	2	
68/ 67		.9	.9	.5	.5	1.0	.5	.1	.1									42	42	12	
66/ 65		1.5	.5	.5	.6	.4	.5	.1										41	41	37	11
64/ 63		.9	.3	1.3	.9	.5	.8	.1	.1									47	47	40	23
62/ 61		1.5	.3	1.6	1.0	.4	.2	.5										52	52	28	30
60/ 59	.1	.9	.3	.9	1.7	1.1	.2		.1									49	49	43	35
58/ 57		1.2	1.3	1.6	.6	1.2	.2	.1										58	58	39	35
56/ 55	.1	1.1	2.0	1.9	1.2	.3	.5											67	67	45	32
54/ 53		1.4	1.6	1.7	2.5	.8	.2											76	76	66	2[illegible]
52/ 51		2.5	1.9	1.6	1.8	.8												80	80	70	59
50/ 49		1.0	2.7	2.4	1.1	.5												71	71	76	55
48/ 47		2.2	2.2	2.4	.9	.2												72	72	79	54
46/ 45		1.4	1.9	2.0	1.0	.1												60	60	93	60
44/ 43		1.0	1.7	1.8	.8													49	49	78	67
42/ 41		.5	1.6	1.4	.4													37	37	68	64
40/ 39			1.2	.8	.2													20	20	45	70
38/ 37		.1	.5	.2														8	8	43	61
36/ 35		.6	.8	.2														15	15	31	62
34/ 33		.1	.4															5	5	16	40
32/ 31			.1															1	1	11	46
30/ 29		.1	.1															2	2	5	37
28/ 27																				3	19
26/ 25																					19
24/ 23																					17
22/ 21																					5
20/ 19																					2
18/ 17																					1
16/ 15																					1

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 67-70,73-78 YEARS | OCT MONTH

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.2	18.7	23.3	24.2	18.1	9.7	3.8	1.6	.4									930	930	930	930

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.	4516243	63345	68.1	14.732	930							
Dry Bulb	2846855	50691	54.5	9.501	930		.3	12.0	2.9	.1		93
Wet Bulb	2312808	45650	49.1	8.835	930		1.9	1.4				93
Dew Point	1872662	40576	43.6	10.495	930		14.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 67-70,73-78 YEARS | OCT MONTH

 1200-1400 HOURS (L. S. T.)

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					
86/ 85								.1											1	1		
84/ 83								.3	.2		.1								6	6		
82/ 81					.1		.4	.4		.1									10	10		
80/ 79						.5	.5	.8	.2		.2								21	21		
78/ 77		.1			.4	.9	.9	.4	.1										26	26		
76/ 75				.1	.5	1.1	1.0	.5	.3	.1									34	34	1	1
74/ 73				.4	.4	.9	.8	1.0	.5	.6	.2								45	45	1	
72/ 71			.5	.2	.5	1.1	1.2	.6	1.0	.1	.1								50	50	4	
70/ 69			.4	.6		.8	.6	1.3	.2	.5									47	42	23	1
68/ 67		.3	.8	.1	.1	.3	1.0	.9	.8	.1									40	40	32	3
66/ 65		.5	.3	.8	.9	1.4	1.1	1.0	.2	.3	.1								61	61	47	14
64/ 63		.9	.2	.4	1.1	1.6	1.5	.9	.1	.1									63	63	38	35
62/ 61		.5	.3	.9	1.4	1.4	1.2	1.4	.1	.1									68	68	35	21
60/ 59		.5	.2	1.1	1.1	1.5	.8	.3	.3										54	54	54	47
58/ 57		1.0	1.1	.4	.9	1.4	1.4	.9											65	65	38	35
56/ 55	.1	1.1	.4	.9	1.1	2.5	.5	.1											62	62	84	30
54/ 53		.6	.6	.6	1.6	1.9	1.2												62	62	84	38
52/ 51			.4	.9	.9	1.4	.3												36	36	70	46
50/ 49	.1	.1	1.2	1.4	1.3	.9	.8												53	53	60	48
48/ 47	.2	1.1	1.0	.9	1.5	.6	.1												50	50	64	48
46/ 45		.5	.4	.2	1.7	.9													35	35	85	54
44/ 43		.3	.5	.1	.6	.1													16	16	70	64
42/ 41		.6	.3		.4	.2													15	15	49	67
40/ 39			.5	.3	.2														10	10	28	48
38/ 37				.1	.1														2	2	37	46
36/ 35		.3																	3	3	12	65
34/ 33																					10	56
32/ 31																					3	44
30/ 29																					1	30
28/ 27																						29
26/ 25																						15
24/ 23																						24
22/ 21																						12
20/ 19																						4

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

 1200-1400 (HOURS (L. S. T.))

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
16/ 17																					3
16/ 15																					2
TOTAL	.4	8.6	9.4	10.4	16.9	21.3	15.2	10.9	4.1	2.2	.9							930	930	930	930

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.	3153996	51836	55.7	16.882	930							
Dry Bulb	3519156	56304	60.6	10.349	930			27.5	14.3	2.7		93
Wet Bulb	2585864	48320	52.0	9.003	930		.4	6.1	.2			93
Dew Point	1891125	40559	43.6	11.472	930		16.3	.5	.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 | WRIGHT-PATTERSON AFB OH | 67-70,73-78 | OCT
STATION | STATION NAME | YEARS | MONTH

1500-1700
HOURS (L. S. T.)

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
86/ 85									.2									2	2		
84/ 83								.1	.2		.2							5	5		
82/ 81							.4	.5	.4	.1								14	14		
80/ 79						.4	1.1	.6	.5	.1	.1							27	27		
78/ 77					.1	.1	1.0	.9	.2	.3	.1							25	25		
76/ 75					.5	.4	1.2	1.4	.4	.5	.2	.1						45	45		
74/ 73				.6	.3		.8	.6	1.4	1.0								44	44		
72/ 71			.3	.3		.2	1.0	.9	.8	.5	.1							38	39		
70/ 69			.6	.8	.6	.5	.6	.5	.9	.4								46	46	14	
68/ 67		.2	1.2	.3	.8	.3	2.4	1.0	.5	.2								64	64	41	
66/ 65		.8	.8	.2	.9	.8	1.7	1.1	.8	.1	.2							67	67	41	12
64/ 63		.4	.3	.8	1.5	1.4	1.0	1.2	.3	.1								65	65	49	29
62/ 61		.2	.9	.4	.8	1.3	.9	1.5	.6									61	61	44	32
60/ 59		.2	.3	.2	.6	1.0	1.6	.9										45	45	42	33
58/ 57		.5	.8	.2	1.1	2.4	1.5	.9	.1									69	69	68	27
56/ 55		1.0	.5	.6	1.0	1.7	2.2	.3										68	68	76	42
54/ 53		.2	.3	.1	.5	1.5	1.1											35	35	77	43
52/ 51	.1	.1	.6	.9	1.2	1.2	.8											45	45	48	42
50/ 49	.2	.4	.8	1.1	.3	.8	1.7											42	42	69	36
48/ 47		.9	1.0	.6	.9	.9	.2											41	41	77	47
46/ 45		.4	1.0		1.1	.8												30	30	71	61
44/ 43		.4	.6		.8	.1												18	18	73	57
42/ 41		.8	.2	.3	.3	.3												18	18	46	59
40/ 39		.2	.2		.4													8	8	30	62
38/ 37		.2	.1	.1	.1													5	5	32	53
36/ 35		.1																1	1	19	61
34/ 33																				5	57
32/ 31																				6	37
30/ 29																					36
28/ 27																					25
26/ 25																					24
24/ 23																					19
22/ 21																					22
20/ 19																					5

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) 6/64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

6823

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
18/ 17																					4
16/ 15																					2
14/ 13																					1
TOTAL	.3	7.1	13.6	7.7	13.7	16.1	21.3	12.4	7.4	3.4	1.0	.1						928	929	928	928

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.	2899220	49262	53.1	17.509	928							
Dry Bulb	3612654	57106	61.5	10.501	929			31.1	16.2	3.3		93
Wet Bulb	2582620	48258	52.0	8.880	928		.6	5.5				97
Dew Point	1830596	39818	42.9	11.477	928		17.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 67-70,73-78 YEARS | OCT MONTH

 1800-2000 HOURS (L. S. T.)

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
80/ 79							.1	.1										2	2		
78/ 77					.1	.1	.2											4	4		
76/ 75						.6	.2	.1										9	9		
74/ 73				.2	.5	.5	.3		.2									17	17		
72/ 71			.1	.6	.4	1.2	.9	.1		.2								33	33		
70/ 69			1.3	.5	.5	1.2	.5	.3										41	41	1	
68/ 67		.3	.9	.5	.9	1.1	.9	.1	.2									45	45	6	
66/ 65		.9	.3	.5	.6	.8	.8	.3	.2									41	41	43	4
64/ 63		.3	1.0	.4	1.0	1.9	.4	.4	.1									52	52	30	30
62/ 61		1.6	1.0	1.7	1.3	1.3	.8	.1	.1									73	73	38	16
60/ 59		1.3	1.2	1.4	1.5	1.3	.4	.2	.1									69	69	51	24
58/ 57		.9	1.3	.6	1.1	.9	.5	.3	.1									53	53	50	47
56/ 55		1.4	.2	1.1	2.0	1.1	.4	.1										59	59	73	40
54/ 53		.3	.2	3.0	1.5	1.3	.8											66	66	76	44
52/ 51	.3	.2	.9	1.6	2.3	1.9	.5											72	72	39	61
50/ 49		.3	1.8	1.9	2.0	.8												64	64	62	29
48/ 47		1.1	1.0	2.2	1.7	.4												59	59	77	35
46/ 45		1.3	1.4	2.6	.8	.5												61	61	75	71
44/ 43		.5	1.4	.9	1.2	.1												38	38	85	51
42/ 41		.4	.3	.9	.5													20	20	70	61
40/ 39		.6	.5	.9	.4													21	21	61	58
38/ 37		.4	.5	.9	.2													19	19	28	16
36/ 35			.3	.2														5	5	27	60
34/ 33			.2	.2														5	5	15	52
32/ 31			.2															2	2	14	52
30/ 29																				5	32
28/ 27																				4	25
26/ 25																					21
24/ 23																					19
22/ 21																					15
20/ 19																					8
18/ 17																					4
16/ 15																					1

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

 1800-2000 (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
TOTAL	.3	11.9	16.1	23.0	20.4	17.0	7.7	2.3	1.1	.2								930	930	930	930

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.	3896240	58408	62.8	15.457	930							
Dry Bulb	2991497	51983	55.9	9.614	930		.2	15.1	3.2			93
Wet Bulb	2339080	45902	49.4	8.895	930		2.3	.7				93
Dew Point	1805787	39681	42.7	11.014	930		17.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1384C STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 67-70,73-78 YEARS | OCT MONTH

 2100-2300 HOURS (L. S. T.)

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
76/ 75							.1											1	1		
74/ 73						.1												1	1		
72/ 71				.2	.4													6	6		
70/ 69			.4	.8	.2													13	13		
68/ 67	.1	.4	.3	.3	1.4	.2												30	30	1	1
66/ 65		1.7	.4	.9	.4	.2	.1											35	35	17	1
64/ 63		.8	.6	1.1	.5	.3												31	31	35	25
62/ 61		1.6	1.7	.9	1.1	.5	.1											54	54	17	17
60/ 59		1.3	1.7	.6	1.1	.5	.4											53	53	46	22
58/ 57	.1	2.2	2.4	1.9	.5	.4	.1											71	71	40	27
56/ 55		2.0	1.4	1.3	.6	.4												54	54	54	50
54/ 53		1.5	1.7	1.5	.4	.5	.4											57	57	58	56
52/ 51	.3	.6	2.6	1.6	1.2	.8												66	66	50	51
50/ 49		1.9	4.0	2.2	.8	.5												87	87	44	28
48/ 47		2.4	2.0	3.0	1.3	.2												83	83	76	49
46/ 45		1.5	2.6	2.5	.3													64	64	86	58
44/ 43		1.6	3.0	1.2	.1													55	55	71	67
42/ 41		1.0	3.0	1.3														49	49	86	49
40/ 39		.6	2.9	1.2														44	44	78	70
38/ 37		1.0	1.0	1.0														27	27	43	52
36/ 35		.5	1.1	.6														21	21	43	64
34/ 33		.5	.5	.1														11	11	25	59
32/ 31		.1	1.1															11	11	20	61
30/ 29		.1	.5															6	6	16	38
28/ 27																				7	27
26/ 25																				5	24
24/ 23																					12
22/ 21																					5
20/ 19																					16
18/ 17																					1
TOTAL	.5	23.4	35.5	24.1	10.3	4.8	1.3											930	930		930
																		930		930	

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.	5021484	67260	72.3	13.003	930							
Dry Bulb	2528981	47729	51.3	9.248	930		1.7	5.1	.2			93
Wet Bulb	2131295	43719	47.0	9.049	930		4.8	.1				93
Dew Point	1775093	39405	42.4	10.655	930		18.4	.1				93

USAFETAC FORM 0-26-3 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 | WRIGHT-PATTERSON AFB OH | 67-70,73-78 | OCT

STATION | STATION NAME | YEARS | MONTH

ALL
HOURS (L. S. T.)

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
86/ 85								.0	.0									3	3		
84/ 83								.1	.1		.0							11	11		
82/ 81					.0		.1	.1	.1	.0								24	24		
80/ 79						.1	.2	.2	.1	.0	.0							51	51		
78/ 77		.0			.1	.2	.3	.2	.0	.0	.0							59	59		
76/ 75				.0	.1	.4	.3	.3	.1	.1	.0	.0						100	100	1	1
74/ 73				.2	.3	.2	.2	.2	.3	.2	.0							120	120	1	
72/ 71			.1	.3	.3	.3	.4	.2	.2	.1	.0							148	149	4	
70/ 69			.4	.4	.4	.4	.2	.3	.1	.1								178	178	40	1
68/ 67	.0	.4	.7	.3	.6	.4	.6	.3	.2	.0								260	260	93	4
66/ 65		1.2	.5	.5	.5	.5	.5	.3	.1	.1	.0							317	317	203	46
64/ 63	.0	.8	.6	.9	.6	.8	.5	.3	.1	.0								351	351	259	186
62/ 61	.1	1.2	.9	.8	.7	.7	.4	.4	.1	.0								399	399	218	172
60/ 59	.0	1.1	1.1	.8	.9	.7	.5	.2	.1									401	401	333	199
58/ 57	.1	1.4	1.4	.9	.6	.8	.5	.3	.0									455	455	345	258
56/ 55	.1	1.7	1.3	1.1	.9	.8	.5	.1										477	477	470	301
54/ 53	.1	1.2	1.3	1.4	.9	.8	.5											454	454	517	337
52/ 51	.1	1.2	1.7	1.2	1.1	.9	.2											484	484	429	395
50/ 49	.1	1.3	2.5	1.5	.8	.5	.2											514	514	457	311
48/ 47	.0	2.1	1.9	1.5	.8	.3	.0											498	499	565	359
46/ 45	.0	1.9	2.1	1.2	.7	.3												463	463	653	482
44/ 43	.1	1.7	2.1	.9	.5	.0												388	388	592	467
42/ 41	.1	1.5	1.7	.8	.2	.1												321	321	538	513
40/ 39	.0	1.3	2.0	.6	.1													310	310	450	517
38/ 37	.0	1.1	1.0	.4	.1													198	198	371	466
36/ 35	.0	1.1	1.2	.2														184	184	307	463
34/ 33	.1	.7	.6	.1														104	104	226	437
32/ 31		.4	.5															62	62	149	429
30/ 29	.0	.3	.4															52	52	93	337
28/ 27	.0	.3	.1															30	30	62	227
26/ 25	.0	.2																15	15	41	174
24/ 23		.1																5	5	16	132
22/ 21	.0																	1	1	2	93
20/ 19																					75

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) OCT (MONTH)

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

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
18/ 17																					28
16/ 15																					6
14/ 13																					1
TOTAL	1.	24.2	26.1	16.1	11.2	9.3	6.1	3.4	1.4	.7	.2	.0							7439		7437
																		7437		7437	

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.	36897746	508248	68.3	17.059	7437							
Dry Bulb	22104610	396956	53.4	11.136	7439		16.5	95.5	36.8	6.1		744
Wet Bulb	17737042	356156	47.9	9.569	7437		36.3	13.9	.2			744
Dew Point	14175011	314465	42.3	10.868	7437		150.3	.6	.1			744

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
68/ 67				.3														3	3		
66/ 65			.3	.2	.2													7	7		
64/ 63		.3	.7	.8	.3		.1											20	20		
62/ 61		.3		.3	.4	.2												13	13	11	
60/ 59		.7	1.3	.6	.6	.1	.1											30	30	13	8
58/ 57		1.0	1.3	.7	.2													29	29	17	15
56/ 55		1.4	.7	.2		.1												22	22	27	12
54/ 53		1.0	1.4	1.4	.7													41	41	40	24
52/ 51		1.1	1.4	.6	.1													29	29	23	27
50/ 49	.3	.3	1.8	.4	.3													29	29	30	25
48/ 47		2.2	1.9	.4	.9													49	49	39	31
46/ 45		1.6	2.3	1.4	.4													52	52	42	29
44/ 43		2.1	2.1	1.4	.6													56	56	39	34
42/ 41		1.4	2.0	1.1	.6													46	46	55	41
40/ 39		1.2	3.9	.8	.1													54	54	43	44
38/ 37		2.7	4.4	1.1	.2													76	76	58	33
36/ 35		3.1	4.3		.2													69	69	68	36
34/ 33	.2	3.2	3.0	.1	.2													61	61	93	52
32/ 31	.1	2.3	3.8	.1														57	57	70	77
30/ 29	.1	2.2	3.6	.1														54	54	49	71
28/ 27	.1	2.2	1.9	.1														39	39	59	62
26/ 25		1.3	.7															18	18	51	54
24/ 23	.1	1.8	.1															18	18	24	42
22/ 21	.2	.4	.1															7	7	22	37
20/ 19		1.1																10	10	5	49
18/ 17		.3																3	3	13	38
16/ 15		.6																5	5	1	20
14/ 13		.3																3	3	5	16
12/ 11																				3	9
10/ 9																					3
8/ 7																					1
6/ 5																					7
4/ 3																					3

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 67-70,73-78 YEARS | NOV MONTH

PAGE 2 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.2	36.4	43.1	12.3	6.2	.4	.2											900	900	900	900

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.	4965332	66068	73.4	11.328	900							
Dry Bulb	1622688	36902	41.0	11.043	900		21.4	.3				90
Wet Bulb	1378820	3394	37.7	10.489	900		30.2					90
Dew Point	1100403	29603	32.9	11. 71	900		48.9					90

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

E 827

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 67-70,73-78 (YEARS) | NOV (MONTH)

 0300-0500 (HOURS (L. S. T.))

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
70/ 69			.1															1	1		
68/ 67				.1														1	1		
66/ 65			.2	.2	.1													5	5	1	1
64/ 63		.1	.7	.6	.3	.2												17	17		
62/ 61		.6		.7		.1												12	12	6	
60/ 59		.6	.3	.4	.4													16	16	11	5
58/ 57		1.4	.7	.6		.2												26	26	25	18
56/ 55		1.7	1.9	.6	.1	.2												40	40	21	15
54/ 53		1.0	.7	.3	.4													22	22	37	19
52/ 51		.4	2.2		.2													26	26	19	22
50/ 49	.3	1.4	1.0	.7	.1													32	32	22	25
48/ 47		2.6	.9	.3	.6													39	39	41	31
46/ 45		2.7	1.4	.9	.1													46	46	40	28
44/ 43		2.0	1.6	.9	.4													44	44	38	38
42/ 41		2.8	2.1	1.2														55	55	36	32
40/ 39		2.7	2.7	1.9	.2													67	67	50	37
38/ 37		3.4	3.4	.9	.1													71	71	68	37
36/ 35		4.9	4.8	.7	.2													95	95	61	44
34/ 33	.3	2.0	3.0		.1													49	49	103	46
32/ 31		3.4	1.9	.1														49	49	72	80
30/ 29	.2	2.3	2.9															49	49	53	54
28/ 27	.3	3.6	1.3															47	47	46	71
26/ 25	.2	3.1	.7															36	36	59	69
24/ 23	.3	1.4	.3															19	19	41	38
22/ 21	.1	1.2	.3															15	15	12	45
20/ 19		1.2	.1															12	12	17	44
18/ 17		.1	.2															3	3	11	35
16/ 15		.1																1	1	4	28
14/ 13		.6																5	5	1	17
12/ 11																				5	5
10/ 9																					3
8/ 7																					2
6/ 5																					8
4/ 3																					3

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.9	7.3	35.4	11.0	3.6	.8												900	900		900

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.	5232524	67896	75.4	11.084	900							
Dry Bulb	1537702	35876	39.9	10.940	900		23.6	.2				90
Wet Bulb	1327914	33262	37.0	10.474	900		32.1					90
Dew Point	1077910	29260	32.5	11.869	900		50.2					90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 67-73,73-78 (YEARS) | NOV (MONTH)

0600-0800 (HOURS (L. S. T.))

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
68/ 67				.1														1	1		
66/ 65			.3															3	3		
64/ 63		.2	.1	.6	.7													11	11		
62/ 61		.8	.4	.7	.1													18	18	6	
60/ 59		1.1	.1	.2	.1													14	14	10	8
58/ 57		1.0	.4	.9														21	21	24	14
56/ 55		.8	1.6	.4														25	25	17	17
54/ 53		2.2	1.4	.4														37	37	22	13
52/ 51		.9	1.9	.1	.1													27	27	34	17
50/ 49		2.0	1.6	.6	.7													43	43	30	26
48/ 47		1.9	.7	.4	.4													31	31	35	40
46/ 45		1.8	.7	.3	.3													28	28	35	29
44/ 43		3.1	1.4	.3	.1													45	45	27	30
42/ 41		2.7	2.4	.7	.1	.2												55	55	49	34
40/ 39		2.7	3.7	1.3														69	69	44	39
38/ 37		3.7	2.8	.8														65	65	61	33
36/ 35	.1	2.9	5.6	.7	.3													86	86	67	41
34/ 33	.2	4.2	3.1	.1														69	69	77	44
32/ 31		3.9	2.1	.2														56	56	96	63
30/ 29	.1	2.7	2.4															47	47	60	51
28/ 27	.3	4.7	.9															53	53	51	100
26/ 25	.1	2.2	.3															24	24	57	70
24/ 23	.3	1.7	.1															19	19	28	41
22/ 21	.2	2.8	.1															28	28	30	46
20/ 19		1.2																11	11	16	35
18/ 17		.3	.1															4	4	11	33
16/ 15		.2	.2															4	4	2	38
14/ 13		.1																1	1	3	17
12/ 11		.6																5	5	8	6
10/ 9																					1
8/ 7																					3
6/ 5																					5
4/ 3																					4
0/ -1																					2

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 67-70,73-78 YEARS | NOV MONTH

PAGE 2 | 0600-0800 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.4	52.2	34.6	8.9	2.7	.2												900	900	900	900

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.	5365859	68833	76.5	10.622	900							
Dry Bulb	1483598	35192	39.1	10.936	900		25.2	.1				90
Wet Bulb	1291255	32751	36.4	10.518	900		36.2					90
Dew Point	1055896	28924	32.1	11.855	900	.2	51.5					90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 67-70,73-78 (YEARS) | NOV (MONTH)

 0900-1100 (HOURS (L. S. T.))

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
74/ 73						.1												1	1		
72/ 71					.1													1	1		
70/ 69					.2		.1											3	3		
68/ 67			.2	.2	.1	.1												6	6		
66/ 65		.1	.6	.7	.4	.1												17	17		
64/ 63		.6	.3	.6	.1	.2	.1											21	21	1	
62/ 61		.8	.2	.6	.4													18	18	16	4
60/ 59		.7	.6	.4		.3												18	18	20	12
58/ 57		.3	.6	.8	.1	.3												19	19	20	24
56/ 55		.8	.6	.9	.9	.3												31	31	21	12
54/ 53	.1	1.0	1.8	.3	.3	.7												38	38	15	19
52/ 51		1.3	1.8	.7	.8	.1												42	42	32	16
50/ 49		1.8	1.3	1.0	1.1	.1	.2											50	50	40	16
48/ 47		2.6	1.0	1.4	.3	.3	.1											52	52	40	46
46/ 45		2.0	1.6	1.3	.6	.1												50	50	47	34
44/ 43		2.3	2.6	1.2	.8	.1												63	63	60	40
42/ 41		1.8	3.2	2.6														68	68	59	30
40/ 39		1.1	3.4	1.7	.1													57	57	50	52
38/ 37	.2	2.3	3.2	2.0														70	70	66	33
36/ 35	.1	2.0	4.4	1.0														68	68	88	56
34/ 33		1.9	3.3	1.7														62	62	61	50
32/ 31		2.6	2.3	.4														48	48	78	72
30/ 29		1.1	2.0	.4														32	32	64	68
28/ 27	.1	1.1	1.3															23	23	36	66
26/ 25		.8	.6															12	12	29	51
24/ 23	.1	.3	.3															7	7	20	43
22/ 21		.7	.2															8	8	10	47
20/ 19		.6	.1															6	6	6	33
18/ 17		.1																1	1	6	32
16/ 15		.8	.1															8	8	1	13
14/ 13																				8	9
12/ 11																					7
10/ 9																					5
8/ 7																					4

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13841 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-71,73-78 (YEARS) NOV (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 1	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
5/ 5																					4
4/ 3																					1
3/ 1																					1
TOTAL	.7	31.3	39.1	19.9	6.4	3.0	.6												900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 9 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	471571	64051	71.2	12.621	900							
Dry Bulb	1755904	38546	42.8	10.808	900		14.5	1.1	.1			90
Wet Bulb	1466829	35149	39.1	10.231	900		25.8					90
Dew Point	1151608	30402	33.8	11.774	900		45.6					90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13864 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

 1200-1400 (HOURS (L. S. T.))

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
80/ 79								.2										2	2		
78/ 77							.1											1	1		
76/ 75							.3											3	3		
74/ 73						.4	.2											6	6		
72/ 71				.2	.3	.3	.2											10	10		
70/ 69				.4	.4	.4	.3	.1	.1									17	17		
68/ 67			.2	.2	.4	.6	.6		.2									20	20		
66/ 65			.6	.6	.1	.1	.3	.2										19	19	9	
64/ 63		.2	.6	.1	.2	.2	.6	.3										20	20	15	
62/ 61		.3	.6		.8	1.1	.2	.1										28	28	23	6
60/ 59		.9	.7	.6	.2	.4	.7	.1										32	32	24	16
58/ 57		.6	.7	.7	.6	1.1	.4											36	36	16	32
56/ 55		.4	.6	.9	.9	1.1	.6											40	40	21	17
54/ 53		.8	1.6	1.2	1.1	.7	.3											51	51	36	14
52/ 51		.8	.8	.6	1.3	.9	.4	.3	.1									47	47	44	16
50/ 49		1.3	1.6	1.3	1.2	.7	.2	.1										58	58	39	27
48/ 47		2.0	.7	1.1	1.0	.3	.2											48	48	58	41
46/ 45		1.1	1.7	2.4	2.0	.3	.1											69	69	59	30
44/ 43	.1	.9	1.7	2.9	1.7	.1												66	66	57	39
42/ 41	.1	.8	1.1	2.6	1.1	.3												54	54	55	43
40/ 39	.1	.6	2.4	2.2	1.1													58	58	61	41
38/ 37		.4	1.4	4.0	.3													56	56	75	47
36/ 35		.6	2.6	2.7	.2													54	54	65	53
34/ 33		.4	1.3	1.8	.2													34	34	57	45
32/ 31		.6	1.1	1.7														30	30	69	67
30/ 29		.2	.6	.4														11	11	45	44
28/ 27		.2	.4	.1														7	7	22	51
26/ 25		.7	.6															11	11	24	70
24/ 23		.1	.4															5	5	11	44
22/ 21																				5	36
20/ 19		.1																1	1	3	41
18/ 17		.1	.3															4	4	1	31
16/ 15		.1	.1															2	2	4	17
14/ 13																				2	11

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
12/ 11																					12
8/ 7																					4
6/ 5																					2
2/ 1																					3
TOTAL	.	14.2	24.1	28.7	15.3	9.2	6.1	1.5	.4									900	900	900	900

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.	3691073	56033	62.3	15.009	900							
Dry Bulb	2128820	42554	47.3	11.397	900		7.1	5.9	1.2			90
Wet Bulb	1655467	37465	41.6	10.327	900		18.6					90
Dew Point	1196869	30889	34.3	12.332	900		43.3					90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 — STATION
WRIGHT-PATTERSON AFB OH — STATION NAME
61-70,73-78 — YEARS
NOV — MONTH

1500-1700 — HOURS (L. S. T.)

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
78/ 77								.1										1	1		
76/ 75							.3											3	3		
74/ 73				.1	.1	.3	.7											11	11		
72/ 71				.1	.3	.7	.2											12	12		
70/ 69				.2	.2	.2	.4	.4										14	14		
68/ 67				.7	.4	.2	.2	.1										15	15	1	
66/ 65			.6	.7	.2	.4	.8	.6	.1									30	30	6	
64/ 63			.2		.4	.8	.6	.2										20	20	14	1
62/ 61		.6	.6		.3	.7	.6	.1										25	25	24	2
60/ 59	.1	1.0	.2	.2	.9	.7	.6	.6										38	38	2[illegible]	10
58/ 57		.3	1.0	.9	.9	.8	.4	.1										40	40	22	33
56/ 55	.1	.3	.7	1.1	.9	1.0	.8	.1		.1								46	46	24	24
54/ 53		.7	.9	1.2	1.0	.7	.7	.1										47	47	30	12
52/ 51		.6	.8	.6	1.1	.9	.7	.1	.2									44	44	45	17
50/ 49		1.3	2.0	1.1	.9	1.4	.2											63	63	49	32
48/ 47	.1	1.2	.6	1.3	1.7	.6	.2											51	51	52	32
46/ 45		1.1	1.9	1.0	1.4	.3	.2											54	54	60	36
44/ 43	.1	.3	.9	2.4	2.0	.2												54	54	45	42
42/ 41		.4	1.9	2.6	1.9	.1												62	62	64	34
40/ 39		.4	1.4	2.6	1.5	.1												53	53	52	42
38/ 37		.6	2.1	3.2	1.3													65	65	76	42
36/ 35		.8	2.3	2.1	.1													48	48	55	41
34/ 33		.3	1.9	1.9	.2													39	39	30	48
32/ 31		.1	1.7	.9														24	24	[illegible]	60
30/ 29		.2	.9	.2														12	12	[illegible]4	58
28/ 27		.7	.2	.1														9	9	[illegible]	64
26/ 25			.9															8	8	19	51
24/ 23		.1	.3	.1														5	5	6	54
22/ 21																				8	35
20/ 19																				3	36
18/ 17		.3	.1															4	4		31
16/ 15		.1	.1															2	2	3	15
14/ 13																				3	23
12/ 11																					13

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 67-70, 73-78 YEARS | NOV MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

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
10/ 9																					2
8/ 7																					4
6/ 5																					2
4/ 3																					1
2/ 1																					2
TOTAL	.4	11.6	24.1	25.4	17.8	10.1	7.6	2.6	.3	.1									899		899
																		899		899	

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.	3516301	54463	60.6	15.539	899							
Dry Bulb	2163068	42874	47.7	11.481	899		6.4	5.6	1.5			90
Wet Bulb	1657276	37466	41.7	10.333	899		17.8	.1				91
Dew Point	1172919	30483	33.9	12.455	899		45.2					90

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

6832

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 67-70,73-78 (YEARS) | NOV (MONTH)

1800-2000 HOURS (L. S. T.)

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
72/ 71						.3												3	3		
70/ 69					.8	.2												9	9		
68/ 67			.?	.2	.3													7	7		
66/ 65		.1	.3	.d	.2													13	13		
64/ 63		.?	1.1	.2	.2	.1	.1											18	18	3	
62/ 61			.1	1.0	.7	.3	.1											20	20	18	1
60/ 59		1.4	.4	.6	.9	.2												31	31	27	7
58/ 57		1.1	.2	.7	.3	.4	.2											27	27	16	24
56/ 55		.1	.9	1.1	1.1	.3												32	32	27	25
54/ 53		1.6	1.2	1.6	.4	.6	.1											49	49	14	20
52/ 51	.1	.6	2.1	1.1	.9	.8												50	50	45	20
50/ 49	.1	.8	1.6	1.3	1.1	.6												46	46	35	26
48/ 47	.1	1.6	1.4	1.8	1.6	.3												61	61	53	21
46/ 45		1.1	1.1	2.2	.9													48	48	50	43
44/ 43		.8	2.0	2.3	.6	.1	.1											53	53	46	38
42/ 41		.9	1.8	2.0	.4	.2												48	48	53	43
40/ 39		.8	3.3	2.2	.7	.1												64	64	65	38
38/ 37		1.1	3.1	2.6	.4													65	65	58	24
36/ 35	.1	1.9	4.4	1.7	.3													76	76	60	42
34/ 33		1.1	2.9	1.6														50	50	74	70
32/ 31		1.4	3.8	2.0														65	65	75	58
30/ 29	.1	.2	2.6	.1														27	27	60	66
28/ 27		.4	.3															7	7	51	65
26/ 25		.7	.7															12	12	38	52
24/ 23		.4	.2															6	6	10	43
22/ 21		.1	.3															4	4	9	45
20/ 19		.2	.1															3	3	2	51
18/ 17		.1	.1															2	2	4	21
16/ 15		.1																1	1	3	19
14/ 13		.3																3	3	1	23
12/ 11																				3	9
6/ 5																					4
4/ 3																					5

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 | WRIGHT-PATTERSON AFB OH | 67-70,73-78 | | NOV
STATION | STATION NAME | YEARS | | MONTH

 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.0	14.2	3.4	26.7	11.4	4.7	.7											900	900	900	900

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.	4233928	60572	67.3	13.227	900		13.0	1.9				9[illegible]
Dry Bulb	1648989	39613	44.0	10.83[illegible]	900							9[illegible]
Wet Bulb	1503766	35614	39.6	10.252	900		25.6					90
Dew Point	1138683	30107	33.5	12.096	900		46.1					9[illegible]

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

6833

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 67-73,73-78 (YEARS) | NOV (MONTH)

PAGE 1 | 2100-2300 (HOURS (L. S. T.))

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
68/ 67				.2	.3	.1												6	6		
66/ 65		.1	.6	.7	.3													15	15		
64/ 63		.2	.6	.4	.1													12	12	1	
62/ 61		.4	.3	.7	.3		.1											17	17	10	1
60/ 59		.8	.9	1.1	.8	.2												34	34	25	10
58/ 57		.7	.7	.2	.3	.1												18	18	14	16
56/ 55		.3	1.2	.7	.4													24	24	21	12
54/ 53	.1	1.4	.6	1.0	.9													36	36	24	19
52/ 51	.2	.8	1.9	1.0	.2	.6												42	42	36	30
50/ 49	.3	1.1	1.6	.8	.1		.1											42	42	33	28
48/ 47		2.3	1.8	1.6	.6													56	56	38	27
46/ 45		.9	1.6	1.3	.6													39	39	57	29
44/ 43		.7	2.7	1.8	.3													49	49	34	39
42/ 41		1.0	2.6	2.3	.1													54	54	40	26
40/ 39		1.4	3.6	1.4	.1													59	59	56	40
38/ 37		1.9	3.4	1.3	.2													62	62	70	35
36/ 35		4.0	4.7	.3	.1													82	82	65	39
34/ 33		2.0	4.1	.6	.2													62	62	93	65
32/ 31	.2	1.7	4.9	1.1														71	71	58	85
30/ 29		.6	4.4	.7														51	51	66	62
28/ 27	.1	1.2	1.7															27	27	48	55
26/ 25	.1	.9	.3															12	12	63	61
24/ 23	.1	.7	.1															8	8	19	35
22/ 21		.8																7	7	7	48
20/ 19		.6																5	5	8	47
18/ 17		.1																1	1	5	33
16/ 15		.7																6	6		21
14/ 13		.3																3	3	6	13
12/ 11																				3	14
10/ 9																					1
8/ 7																					9
TOTAL	1.2	27.6	44.0	19.2	6.8	1.0	.2												900		900
																		900		900	

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.	4728065	64365	71.5	11.787	900							
Dry Bulb	1675611	37537	41.8	10.851	900		19.1	.6				90
Wet Bulb	1405613	34335	38.2	10.319	900		28.3					90
Dew Point	1101956	29648	32.9	11.806	900		48.4					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
80/ 79								.0										2	2		
78/ 77							.0	.0										2	2		
76/ 75							.1											6	6		
74/ 73				.0	.0	.1	.1											18	18		
72/ 71				.0	.1	.2	.1											26	26		
70/ 69			.0	.1	.2	.1	.1	.1	.0									44	44		
68/ 67			.1	.3	.2	.1	.1	.0	.0									59	59	1	
66/ 65		.0	.4	.5	.2	.1	.2	.1	.0									109	109	16	1
64/ 63		.2	.6	.4	.3	.2	.2	.1										139	139	40	1
62/ 61		.5	.3	.5	.4	.3	.1	.0										151	151	114	14
60/ 59	.0	.9	.6	.5	.5	.3	.2	.1										213	213	152	76
58/ 57		.8	.7	.7	.3	.4	.1	.0										216	216	154	176
56/ 55	.0	.7	1.0	.7	.5	.4	.2	.0		.0								260	260	179	154
54/ 53	.0	1.2	1.2	.9	.6	.3	.1	.0										321	321	218	140
52/ 51	.0	.8	1.6	.6	.6	.4	.1	.1	.0									307	307	276	165
50/ 49	.1	1.3	1.5	.9	.8	.3	.1	.0										363	363	278	205
48/ 47	.0	2.0	1.1	1.1	.9	.2	.1											387	387	356	269
46/ 45		1.5	1.5	1.4	.8	.1	.0											386	386	390	255
44/ 43	.0	1.5	1.9	1.7	.8	.1	.0											430	430	346	300
42/ 41	.0	1.5	2.1	1.9	.5	.1												442	442	411	283
40/ 39	.0	1.4	3.1	1.8	.5	.0												481	481	421	333
38/ 37	.	2.0	3.0	2.0	.3													530	530	532	284
36/ 35	.0	2.5	4.1	1.1	.2													578	578	529	352
34/ 33	.1	1.9	2.8	1.0	.1													426	426	638	420
32/ 31	.0	2.0	2.7	.8														400	400	578	562
30/ 29	.1	1.2	2.4	.3														283	283	441	474
28/ 27	.1	1.8	1.0	.0														212	212	345	534
26/ 25	.1	1.2	.6															133	133	340	478
24/ 23	.1	.8	.3	.0														87	87	159	340
22/ 21	.1	.8	.1															69	69	103	339
20/ 19		.6	.0															48	48	60	336
18/ 17		.2	.1															22	22	51	254
16/ 15		.3	.1															29	29	18	171
14/ 13		.2																15	15	20	129

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-73 (YEARS) NOV (MONTH)

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

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
12/ 11		.1																5	5	22	75
10/ 9																					15
8/ 7																					18
6/ 5																					41
4/ 3																					17
2/ 1																					6
0/ -1																					2
TOTAL	1.0	30.0	35.0	19.0	8.8	3.7	1.9	.5	.1	.0									7199		7199
																		7199		7199	

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.	36434633	502281	69.8	13.896	7199							
Dry Bulb	14216380	309144	42.9	11.433	7199		130.3	15.7	2.8			72[illegible]
Wet Bulb	11686940	279982	38.9	10.529	7199		214.6	.1				72[illegible]
Dew Point	8996244	239316	33.2	12.024	7199	.2	379.2					72[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13940 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

 0000-0200 HOURS (L. S. T.)

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
62/ 61				.2														2	2		
60/ 59		.1	.3		.1													5	5		
58/ 57		.1	.1	.1	.2													5	5	2	
56/ 55	.1		.2				.1											4	4	6	3
54/ 53		.5	.2	.5	.2		.1											15	15	2	3
52/ 51		.9	.4	.1	.1													14	14	12	5
50/ 49		.6	.3	.1	.1		.1											12	12	10	10
48/ 47		.9	.2	.2	.1		.2											15	15	14	8
46/ 45	.2	.9	1.1	.3														23	23	19	13
44/ 43	.1	1.4	1.6	.3	.5													37	37	21	14
42/ 41		1.2	1.5	.5														30	30	24	17
40/ 39		1.9	2.3	.4														43	43	27	15
38/ 37		2.4	1.9	.6														46	46	47	22
36/ 35		3.5	3.7	1.1														77	77	45	38
34/ 33	.5	3.8	4.8	1.0														94	94	70	36
32/ 31	.3	2.7	5.9	1.9														101	101	87	52
30/ 29	.2	2.7	2.2	.2														49	49	92	61
28/ 27	.1	3.7	3.4	.2														69	69	68	46
26/ 25	.2	2.0	2.8	.1														48	48	84	66
24/ 23	.1	3.3	1.3															44	44	58	75
22/ 21	.2	4.6	.6															51	51	51	64
20/ 19	.2	4.2	.1															42	42	54	60
18/ 17	.2	2.5																25	25	40	52
16/ 15	.1	2.2	.1															22	22	26	58
14/ 13	.2	1.4	.4															19	19	17	60
12/ 11	.1	.5	.3															9	9	16	49
10/ 9	.4	.9	.1															13	13	14	25
8/ 7		.8																7	7	11	21
6/ 5		.1																1	1	5	15
4/ 3		.2																2	2	1	6
2/ 1	.1	.5																6	6	7	3
0/ -1																					11
-2/ -3																					9
-4/ -5																					0

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 67-70,73-78 (YEARS) | DEC (MONTH)

 0000-0200 (HOURS (L. S. T.))

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
-6/ -7																					3
-8/ -9																					1
TOTAL	3.5	50.4	36.0	8.1	1.4		.5											930	930	930	930

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.	5059995	67749	72.8	11.581	930							
Dry Bulb	1010111	28999	31.2	10.675	930		50.8					93
Wet Bulb	855485	26603	28.6	10.086	930		63.1					93
Dew Point	625619	21591	23.2	11.570	930	3.3	74.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (YEARS) DEC (MONTH)

 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 4	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
64/ 63					.2													2	2		
62/ 61				.1														1	1		
60/ 59		.1																1	1		
58/ 57		.4	.1															5	5	4	2
56/ 55		.3	.1	.1	.1													6	6	5	2
54/ 53		.1	.3	.5	.2													11	11	4	4
52/ 51		.4	.4	.2														10	10	6	5
50/ 49		.6	.1	.3	.2		.3											16	16	5	4
48/ 47	.2	1.0	.2	.2	.4													19	19	19	11
46/ 45	.1	1.1	.6	.2	.1													20	20	15	8
44/ 43		1.5	1.5	.2	.2													32	32	19	12
42/ 41		.6	1.0	.3														27	27	24	17
40/ 39		2.0	1.3	.4														35	35	27	15
38/ 37		2.9	2.7	.2														54	54	52	19
36/ 35		2.6	3.3	.6														61	61	29	44
34/ 33	.8	3.1	3.9	.8														79	79	88	31
32/ 31	.3	2.8	4.3	1.2	.1													81	81	57	56
30/ 29		4.3	3.5	.1	.1													75	75	70	58
28/ 27		4.6	2.7	.1														69	69	82	40
26/ 25	.3	3.3	2.0															53	53	95	35
24/ 23	.2	3.7	1.2															47	47	58	69
22/ 21	.4	3.9	.4															44	44	53	70
20/ 19	.3	4.3	.3															46	46	51	56
18/ 17		4.0																37	37	42	62
16/ 15		2.6	.2															26	26	35	62
14/ 13	.1	2.5	.2															26	26	21	56
12/ 11	.5	1.2	.1															17	17	31	47
10/ 9	.2	1.1																12	12	13	38
8/ 7		.9																8	8	9	25
6/ 5		.1																1	1	7	13
4/ 3		.4																4	4	3	13
2/ 1		.4																4	4	4	2
0/ -1																				1	13
-2/ -3		.1																1	1	1	6

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

6833 ( )

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 67-70,73-78 YEARS | DEC MONTH

 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
-4/ -5																					11
-6/ -7																					1
-10/-11																					1
-12/-13																					1
-14/-15																					1
TOTAL	3	55	70	31.6	5.7	1.8		.3											930		930
																		930		930	

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.	5194421	68673	73.8	11.529	930							
Dry Bulb	957458	28070	30.2	10.893	930	.1	55.1					93
Wet Bulb	816990	25858	27.8	10.272	930	.2	63.3					93
Dew Point	600847	20997	22.6	11.682	930	3.4	75.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 67-70,73-78 (YEARS) | DEC (MONTH)

 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
62/ 61			.1	.1														2	2		
60/ 59			.4															4	4		
58/ 57				.1														1	1	3	
56/ 55		.2	.2	.1														5	5	3	3
54/ 53		.5	.9	.4														17	17	3	4
52/ 51		.2	.5															7	7	12	4
50/ 49		.8	.3	.1	.2		.1											14	14	6	7
48/ 47	.3	.5	.4	.6			.2											20	20	18	15
46/ 45		1.6	.2	.1	.2													14	14	7	10
44/ 43		1.3	1.5	.2	.2													30	30	16	8
42/ 41		1.7	1.5	.1														31	31	24	13
40/ 39		1.6	1.6	.3														33	33	35	20
38/ 37	.1	1.9	1.7	.3														38	38	36	19
36/ 35	.2	3.9	2.6	.4														66	66	42	30
34/ 33	1.1	2.8	3.9	.6														78	78	74	40
32/ 31	.3	2.3	5.3	1.2														84	84	50	53
30/ 29	.3	2.6	3.5															60	60	66	58
28/ 27	.1	6.1	2.0															77	77	89	35
26/ 25	.3	4.2	2.2															62	62	99	50
24/ 23	.1	2.5	1.1															34	34	58	57
22/ 21	.6	4.6	.9															57	57	41	74
20/ 19	.6	4.1	.3															47	47	65	88
18/ 17	.2	2.9	.1															30	30	43	36
16/ 15	.4	3.2	.2															36	36	35	64
14/ 13	.4	1.9	.3															25	25	31	55
12/ 11	.6	2.3																27	27	28	57
10/ 9	.1	1.2																12	12	17	34
8/ 7		1.1																10	10	11	32
6/ 5																				7	13
4/ 3		.3																3	3	3	10
2/ 1	.1	.2																3	3	3	10
0/ -1																					10
-2/ -3		.3																3	3	3	5
-4/ -5																					13

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												

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

USAFETAC 6837

GLOBAL CLIMATOLOGY BRANCH
US..FETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 67-70,73-7^ YEARS | DEC MONTH

PAGE 2 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B	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		Dry Bulb	Wet Bulb	Dew Point
-14/-15																					2
-16/-17																					1
TOTAL	6.1	56.2	31.9	4.8	.5		.3											930	930	930	930

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	≥ 95 F	Total
Rel. Hum.	5304442	69446	74.7	11.303	930							
Dry Bulb	924972	27494	29.6	10.988	930	.3	57.0					93
Wet Bulb	794602	25404	27.3	10.409	930	.3	64.9					93
Dew Point	591343	20721	22.3	11.814	930	3.1	75.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 | WRIGHT-PATTERSON AFB OH | 67-70, 73-78 | DEC
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-16	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
66/ 65					.1													1	1		
64/ 63			.1	.1														2	2		
62/ 61			.2	.1														3	3		
60/ 59				.2			.1											3	3	4	
58/ 57		.1	.1	.1	.1													4	4	3	3
56/ 55		.4	.5	.2			.1											12	12	2	1
54/ 53		.4	.3	.2	.1	.1	.1											12	12	10	6
52/ 51		.6	.4	.2	.2													14	14	7	6
50/ 49		.6	.4	.1	.2	.2												15	15	15	6
48/ 47		.6	.6	.5	.1													18	18	12	15
46/ 45		1.0	1.0	.1	.1													20	20	15	11
44/ 43		1.4	1.3	.2	.2													29	29	24	12
42/ 41		2.4	1.3	.8	.2	.1												44	44	30	16
40/ 39	.1	1.3	2.4	.8	.3													45	45	38	19
38/ 37	.1	2.3	3.0	1.4	.1													64	64	33	33
36/ 35	.3	3.1	4.3	1.1														82	82	61	32
34/ 33	1.2	2.9	4.3	.8														83	83	73	36
32/ 31	.1	2.3	4.6	.8														72	72	86	57
30/ 29	.1	2.6	4.0	.3														65	65	73	54
28/ 27	.2	3.4	2.9	.1														62	62	81	62
26/ 25	.1	4.5	2.4															65	65	79	55
24/ 23	.4	2.7	1.7															45	45	66	59
22/ 21	.3	2.6	1.2															38	38	46	71
20/ 19	1.2	2.3	.6															38	38	50	64
18/ 17	.1	2.0	.2															22	22	31	71
16/ 15		2.7	.1															26	26	23	62
14/ 13		1.3																12	12	26	38
12/ 11	.2	1.3																14	14	15	26
10/ 9		.5																5	5	9	50
8/ 7		.5																5	5	4	15
6/ 5	.1	.1																2	2	7	8
4/ 3	.2	.3																5	5	5	10
2/ 1		.2																2	2	1	11
0/ -1		.1																1	1	1	9

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 0-20-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 — STATION
WRIGHT-PATTERSON AFB OH — STATION NAME
67-70,75-78 — YEARS
DEC — MONTH

PAGE 2
0900-1100 — HOURS (L. S. T.)

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				
-2/ -3																				1	3
-4/ -5																					1
-6/ -7																					4
-8/ -9																					1
-10/-11																					1
-16/-17																					1
TOTAL	4.6	46.7	38.1	8.1	1.5	.4	.3											930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 72 F	≥ 80 F	≥ 90 F	Total
Rel. Hum.	5023262	67456	72.5	11.850	930							
Dry Bulb	1055867	29699	31.9	10.754	930	.1	47.9					93
Wet Bulb	892926	27228	29.3	10.103	930	.2	60.4					93
Dew Point	653620	22154	23.8	11.640	930	2.1	73.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 — STATION
WRIGHT-PATTERSON AFB OH — STATION NAME
67-70,73-78 — YEARS
DEC — MONTH

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
69/ 67				.1		.												3	3		
66/ 65			.1		.4		.1											6	6		
64/ 63			.3				.1											4	4		
62/ 61		.1	.2		.2	.1			.2									8	8	2	
60/ 59		.2	.2	.3	.3			.1										11	11	5	
58/ 57		.2	.3				.2											8	8	11	5
56/ 55		.2	.1	.1	.5		.1											10	10	3	7
54/ 53		.5	.4	.5	.3	.1												18	18	14	5
52/ 51		.1	.2	.3	.5	.1												12	12	8	11
50/ 49		.3	.1	.4	.2	.1	.1											12	12	10	5
48/ 47		.9	1.2	.6	.4	.2	.1											32	32	17	8
46/ 45		.6	1.3	.6	.5	.5												34	34	25	11
44/ 43		1.9	1.1	1.6	1.1													53	53	25	15
42/ 41		1.1	1.5	2.2	1.	1												53	53	38	19
40/ 39	.1	1.6	3.7	2.3	.1	.1												73	73	31	7
38/ 37	.1	1.4	2.6	3.1	.5													72	72	70	32
36/ 35	.5	2.3	4.6	1.4	.2													85	85	79	43
34/ 33	.1	1.0	4.9	1.9	.2													77	77	82	36
32/ 31		1.2	4.5	2.4														75	75	89	49
30/ 29		1.7	2.5	1.1														49	49	68	46
28/ 27		1.8	3.7	.4														55	55	77	78
26/ 25		2.3	3.4															53	53	67	80
24/ 23		1.3	2.0															31	31	57	52
22/ 21	.3	1.7	1.7															35	35	47	46
20/ 1	.2	1.5	.9															24	24	38	70
18/ 17		.5	.4															9	9	24	61
16/ 15		.4	.2															6	6	11	55
14/ 13		.4	.1															5	5	6	39
12/ 11		.4	.1															5	5	4	39
10/ 9		.4																4	4	8	30
8/ 7		.8	.1															8	8	5	23
6/ 5																				5	4
4/ 3																					12
2/ 1																					9

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												

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

USAFETAC

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 67-71,73-78 YEARS | DEC MONTH

1200-1400 HOURS (L. S. T.)

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
-0/ -1																					2
-2/ -3																					3
-4/ -5																					4
-6/ -9																					1
-10/-11																					1
-12/-13																					2
TOTAL	1.4	27.7	42.5	19.5	6.9	1.6	.9	.1	.2									930	930	930	930

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.	4215729	61363	66.0	13.403	930							
Dry Bulb	1280870	33052	35.5	10.692	930		35.6	.3				93
Wet Bulb	1028455	29535	31.8	9.869	930		51.0					93
Dew Point	701949	23091	24.8	11.767	930	1.3	70.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 67-70,73-78 (YEARS) | DEC (MONTH)

 1500-1760 (HOURS (L. S. T.))

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
68/ 67				.3		.3												6	6		
66/ 65				.2	.3													5	5		
64/ 63			.2			.2			.1									5	5		
62/ 61			.3	.1	.4	.1		.1										10	10	3	
60/ 59			.1	.5		.2	.3	.1										12	12	4	
58/ 57		.4			.3	.1	.1											9	9	10	4
56/ 55		.8	.1	.2	.1	.1												12	12	7	7
54/ 53		.1	.5	.3	.2	.1		.1										13	13	19	5
52/ 51		.2	.3	.3	.2	.1		.1										12	12	1	15
50/ 49		.4	.3	.5	.3	.2												17	17	18	5
48/ 47		1.1	.2	1.3	.5	.2	.1											32	32	17	10
46/ 45	.1	.5	1.1	.8	1.5	.4												41	41	22	16
44/ 43	.1	1.3	.5	1.2	1.2													40	40	22	12
42/ 41		.9	1.8	2.1	.9	.2												54	54	39	15
40/ 39		2.9	2.9	2.0	.3													76	76	28	21
38/ 37		2.6	2.6	2.5	.3													74	74	75	24
36/ 35	.3	1.3	4.6	2.0	.5													82	82	91	50
34/ 33		2.3	4.6	2.4	.2													88	88	72	45
32/ 31		1.7	2.5	2.6	.3													66	66	89	41
30/ 29	.1	1.7	2.7	1.3	.1													55	55	72	61
28/ 27	.1	2.6	3.3	1.1														66	66	68	80
26/ 25	.1	1.1	2.9	.1														39	39	82	74
24/ 23		1.8	1.6															32	32	52	55
22/ 21		1.7	1.5															30	30	48	46
20/ 19		1.3	.3															15	15	37	66
18/ 17		.5	.2															7	7	14	37
16/ 15		.9	.5															13	13	7	68
14/ 13		.5																5	5	11	47
12/ 11		.1	.3															4	4	8	35
10/ 9		.4	.2															6	6	1	31
8/ 7		.1																1	1	7	25
6/ 5		.1																1	1	4	10
4/ 3		.2																2	2	2	5
2/ 1																					

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	≥ 72 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 AUG 64

6841

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 67-70,73-78 (YEARS) | DEC (MONTH)

 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
0/ -1																					5
-2/ -3																					1
-4/ -5																					2
-6/ -7																					1
-8/ -9																					1
-10/-11																					4
-12/-13																					1
TOTAL	.9	29.6	36.5	21.8	7.8	2.4	.5	.4	.1									930	930		930
																		930		930	

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.	4162534	60980	65.5	13.810	930							
Dry Bulb	1311164	33448	36.0	10.791	930		34.2	.6				93
Wet Bulb	1_48508	29636	32.1	9.914	930		50.2					93
Dew Point	711848	23246	25.0	11.866	930	1.5	70.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-71,73-78 (YEARS) DEC (MONTH)

 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
68/ 67					.1													1	1		
66/ 65				.1	.3													4	4		
64/ 63		.1	.2	.1	.2													6	6		
62/ 61			.2	.1	.1	.2												6	6	3	
60/ 59			.1															1	1	3	3
58/ 57		.3	.4	.2														9	9	9	
56/ 55		.4	.6	.1														11	11	9	4
54/ 53		.1	.2	.4		.1												8	8	11	8
52/ 51		.4	.5	.6	.3	.2												20	20	9	12
50/ 49	.2	.5	.5	.3	.3	.1												19	19	9	11
48/ 47	.1	.9	.1	.2	.2	.2	.1											17	17	16	8
46/ 45		.5	1.2	.2	.1													19	19	17	18
44/ 43		1.6	1.2	.5	.1													32	32	18	9
42/ 41		1.2	2.8	1.5	.1													52	52	42	14
40/ 39	.2	1.4	2.4	2.0														56	56	26	21
38/ 37	.1	1.7	2.7	1.6	.2													59	59	50	33
36/ 35	.5	2.6	4.4	.9														78	78	58	25
34/ 33	.1	3.2	6.5	1.4														104	104	77	39
32/ 31	.1	3.2	3.9	1.5														81	81	95	55
30/ 29	.4	1.4	3.2	1.5														61	61	91	59
28/ 27		2.9	3.0	.5														60	60	64	57
26/ 25		2.7	3.7															59	59	73	81
24/ 23		2.0	1.2															30	30	66	62
22/ 21	.2	3.0	1.3															42	42	53	54
20/ 19	.1	2.6	.4															29	29	41	63
18/ 17		1.3	.2															14	14	29	51
16/ 15	.2	1.0	.1															12	12	15	48
14/ 13	.2	.9	.2															12	12	12	62
12/ 11		.6	.2															8	8	9	37
10/ 9	.1	.1	.3															5	5	9	33
8/ 7		.5	.1															6	6	4	21
6/ 5		.1																1	1	8	9
4/ 3		.5																5	5	5	3
2/ 1		.1																1	1	1	4

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

6841

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 — STATION
WRIGHT-PATTERSON AFB OH — STATION NAME
67-70,73-78 — YEARS
DEC — MONTH

1800-2000 — HOURS (L. S. T.)

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
0/ -1																					8
-2/ -3																					4
-4/ -5																					3
-6/ -7																					3
-10/-11																					1
-12/-13																					5
TOTAL	2.7	38.1	42.0	14.0	2.2	.9	.1												928		928
																		928		928	

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.	4709162	65096	70.1	12.416	928							
Dry Bulb	1145305	31025	33.4	10.797	928		42.7	.1				93
Wet Bulb	953992	28212	30.4	10.194	928		57.6					93
Dew Point	687414	22666	24.4	12.014	928	2.4	72.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 | WRIGHT-PATTERSON AFB OH | 67-70,73-78 | DEC
STATION | STATION NAME | YEARS | MONTH

 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
64/ 63				.4														4	4		
62/ 61				.4	.1													5	5		
60/ 59		.2	.3	.3	.1													9	9		
58/ 57		.1		.1		.1												3	3	8	
56/ 55		.2	.1	.2														5	5	7	5
54/ 53		.3	.1															4	4	7	6
52/ 51		1.4	.6	.2	.1													22	22	6	8
50/ 49		.9	.5	.2	.1	.2												18	18	17	7
48/ 47		.3	.1	.4	.2													10	10	15	18
46/ 45	.1	1.1	1.0	.4	.1	.3												28	28	9	13
44/ 43		1.7	2.3	.1														36	36	22	9
42/ 41		.9	2.4		.2													32	32	26	17
40/ 39	.1	1.4	2.6	1.2	.1													50	50	44	19
38/ 37		1.7	2.7	.6														47	47	38	22
36/ 35	.5	2.7	3.6	.9														71	71	42	33
34/ 33	.1	3.6	6.7	1.1	.1													107	107	74	44
32/ 31	.3	3.7	4.5	2.0	.1													99	99	84	46
30/ 29	.3	1.8	3.2	.5														55	55	102	50
28/ 27	.1	2.5	2.9	.5														56	56	67	66
26/ 25		3.2	3.2															60	60	73	64
24/ 23		2.8	1.2															30	30	67	64
22/ 21	.5	3.0	1.1															48	48	54	55
20/ 19	.2	4.2	.4															45	45	39	70
18/ 17		1.8																17	17	52	66
16/ 15	.1	.3	.3															7	7	9	42
14/ 13	.1	.8																8	8	6	51
12/ 11	.9	1.5	.3															25	25	17	50
10/ 9	.1	.9																9	9	17	31
8/ 7		.9																8	8	9	20
6/ 5																				7	6
4/ 3		.6																6	6	5	7
2/ 1		.3																3	3	4	5
0/ -1																					3
-2/ -3																					0

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 67-70,73-78 (YEARS) | DEC (MONTH)

2100-2300 (HOURS (L. S. T.))

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
-4/ -5																					10
-6/ -7																					3
-8/ -9																					1
-10/-11																					2
-12/-13																					1
TOTAL	3.6	44.7	40.0	9.3	1.3	.6													927		927
																		927		927	

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.	4917872	66620	71.9	11.855	927							
Dry Bulb	1059260	29664	32.0	10.900	927		47.8					92
Wet Bulb	893584	27140	29.3	10.340	927		61.4					92
Dew Point	653326	21944	23.7	12.023	927	3.4	72.9					92

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 STATION | WRIGHT-PATTERSON AFB OH STATION NAME | 67-70,73-78 YEARS | DEC MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.D./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
68/ 67				.1	.0	.1												10	10		
66/ 65			.0	.0	.1		.0											16	16		
64/ 63		.0	.1	.1	.1	.0	.0		.0									23	23		
62/ 61		.0	.1	.1	.1	.1		.0	.0									37	37	8	
60/ 59		.1	.2	.2	.1	.0	.1	.0										46	46	16	3
58/ 57		.2	.1	.1	.1	.0	.1											44	44	49	14
56/ 55	.0	.3	.3	.1	.1	.0	.0											65	65	38	32
54/ 53		.3	.4	.4	.1	.1	.0	.0										98	98	70	41
52/ 51		.5	.4	.3	.2	.1		.0										111	111	61	66
50/ 49	.0	.6	.3	.3	.2	.1	.1											123	123	92	55
48/ 47	.1	.8	.4	.5	.3	.1	.1											163	163	128	93
46/ 45	.1	.8	.9	.3	.3	.2												199	199	129	100
44/ 43	.0	1.5	1.3	.6	.4													289	289	167	90
42/ 41		1.2	1.8	.9	.3	.1												323	323	247	128
40/ 39	.1	1.8	2.4	1.2	.1	.0												411	411	256	157
38/ 37	.1	2.1	2.5	1.3	.1													454	454	401	214
36/ 35	.3	2.7	3.9	1.0	.1													602	602	447	295
34/ 33	.5	2.8	4.9	1.2	.1													710	710	616	367
32/ 31	.2	2.5	4.4	1.7	.1													659	659	637	509
30/ 29	.2	2.4	3.1	.6	.0													469	469	634	447
28/ 27	.1	3.5	3.0	.4														514	514	596	464
26/ 25	.1	2.9	2.8	.0														439	439	652	525
24/ 23	.1	2.4	1.4															293	293	482	493
22/ 21	.3	3.2	1.1															345	345	393	480
20/ 19	.4	3.1	.4															286	286	375	537
18/ 17	.1	2.0	.1															161	161	279	436
16/ 15	.1	1.7	.2															148	148	161	459
14/ 13	.1	1.2	.2															112	112	137	408
12/ 11	.3	1.0	.2															109	109	128	340
10/ 9	.1	.7	.1															66	66	88	272
8/ 7		.7	.0															53	53	60	182
6/ 5	.0	.1																6	6	50	78
4/ 3	.0	.3																27	27	24	66
2/ 1	.0	.2																19	19	20	40

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 67-70,73-78 (YEARS) | DEC (MONTH)

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

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
-1/ -1		.1																1	1	2	65
-2/ -3		.1																4	4	5	42
-4/ -5																					53
-6/ -7																					15
-8/ -9																					5
-10/-11																					10
-12/-13																					10
-14/-15																					3
-16/-17																					2
TOTAL	.3	43.7	37.3	11.5	3.0	.7	.4	.1	.0										7435		7435
																		7435		7435	

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.	38587417	527283	70.9	12.668	7435							
Dry Bulb	6745007	241451	32.5	11.027	7435	.5	371.3	1.0				744
Wet Bulb	7284542	219816	29.6	10.280	7435	.7	471.9					744
Dew Point	5225966	176410	23.7	11.829	7435	20.5	585.4					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 — STATION
WRIGHT-PATTERSON AFB OH — STATION NAME
67-70,73-79 — YEARS
ALL — MONTH
PAGE 1
ALL — HOURS (L. S. T.)

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
100/ 99												.0						1	1		
98/ 97											.0	.0						3	3		
96/ 95								.0	.0	.0	.0	.0			.0			30	30		
94/ 93							.0	.0	.0	.0	.0		.0					75	75		
92/ 91						.0	.0	.1	.1	.1	.0	.0	.0					234	234		
90/ 89				.0	.0	.0	.1	.2	.1	.1	.0	.0	.0					463	464		
88/ 87				.0	.0	.1	.2	.2	.2	.1	.0	.0	.0	.0	.0			703	703		
86/ 85			.0	.0	.1	.3	.2	.3	.2	.1	.1	.0	.0	.0				1067	1067		
84/ 83			.0	.1	.2	.3	.3	.3	.2	.1	.1	.0	.0	.0				1376	1376	2	
82/ 81		.0	.0	.2	.3	.3	.4	.2	.2	.1	.1	.0	.0					1614	1614	30	1
80/ 79		.0	.1	.3	.4	.5	.3	.3	.2	.1	.1	.0	.0					2041	2041	161	10
78/ 77		.0	.3	.4	.5	.4	.3	.3	.2	.1	.0	.0	.0					2337	2338	538	65
76/ 75		.1	.5	.6	.5	.4	.3	.3	.1	.1	.0	.0						2660	2663	1247	201
74/ 73	.0	.3	.7	.8	.3	.4	.3	.2	.2	.1	.0	.0						2988	2990	2102	811
72/ 71	.0	.5	1.0	.7	.5	.4	.3	.2	.1	.1	.0							3324	3326	2689	1545
70/ 69	.0	.6	1.2	.6	.5	.4	.2	.2	.1	.1	.0							3440	3446	3366	2279
68/ 67	.0	.7	1.2	.5	.5	.3	.3	.1	.1	.0	.0	.0						3444	3444	3838	3015
66/ 65	.0	.8	1.	.7	.4	.3	.2	.2	.1	.0	.0							3360	3360	3779	3331
64/ 63	.0	.8	.7	.7	.4	.3	.2	.1	.1	.0	.0							2977	2977	4039	3340
62/ 61	.0	.8	.7	.6	.5	.3	.2	.1	.0	.0	.0							2934	2935	3484	3200
60/ 59	.0	.8	.9	.5	.4	.3	.2	.1	.0	.0								2829	2832	3504	3140
58/ 57	.0	.8	.8	.5	.3	.3	.2	.1	.0	.0								2666	2667	3296	3168
56/ 55	.0	.6	.8	.5	.3	.3	.2	.0	.0	.0								2598	2598	3275	3332
54/ 53	.0	.7	.8	.6	.4	.3	.2	.0	.0	.0								2578	2578	3075	3009
52/ 51	.0	.7	.8	.4	.4	.3	.1	.0	.0									2418	2418	2809	3122
50/ 49	.1	.6	.9	.5	.4	.2	.1	.0										2440	2440	2664	2855
48/ 47	.0	.9	.6	.6	.4	.2	.1	.0										2388	2389	2789	2646
46/ 45	.1	.8	.8	.6	.3	.1	.0											2361	2361	2863	2716
44/ 43	.0	.8	.9	.6	.3	.1	.0											2361	2361	2660	2539
42/ 41	.0	.8	.9	.6	.3	.1												2398	2398	2645	2498
40/ 39	.1	.8	1.1	.6	.2	.0	.0											2510	2510	2579	2442
38/ 37	.1	1.1	1.0	.7	.2	.0												2632	2632	2812	2383
36/ 35	.1	1.2	1.4	.5	.1	.0												2942	2942	2811	2650
34/ 33	.1	1.2	1.4	.5	.1	.0												2817	2819	3216	2791

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-79 (YEARS) ALL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	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		Dry Bulb	Wet Bulb	Dew Point
32/ 31	.1	1.1	1.4	.4	.0	.0												2663	2663	3109	3360
30/ 29	.1	1.0	1.1	.2	.0	.0												2008	2010	2872	2831
28/ 27	.1	1.2	.8	.1	.0													1935	1942	2545	2740
26/ 25	.0	1.1	.6	.0	.0													1572	1573	2396	2464
24/ 23	.1	.8	.4	.0														1140	1140	1811	2267
22/ 21	.1	.9	.4	.0														1263	1263	1430	2367
20/ 19	.1	1.2	.2	.0														1322	1322	1332	2613
18/ 17	.0	.8	.1	.0														870	871	1302	1967
16/ 15	.1	.7	.1															766	786	867	1753
14/ 13	.1	.6	.1															639	640	733	1533
12/ 11	.1	.5	.1															573	574	699	1267
10/ 9	.1	.4	.0															429	429	568	1096
8/ 7	.1	.4	.0															363	363	397	898
6/ 5	.0	.2																223	223	375	581
4/ 3	.1	.2																210	210	230	468
2/ 1	.1	.2																207	207	221	568
0/ -1	.1	.0																136	136	156	368
-2/ -3	.1	.1																106	106	112	295
-4/ -5	.0	.0																62	62	78	307
-6/ -7	.0	.0																40	40	47	165
-8/ -9	.0																	12	12	15	154
-10/-11	.0																	1	1	1	149
-12/-13	.0																	1	1	1	108
-14/-15	.0																	4	4	4	72
-16/-17	.0																	8	8	8	32
-18/-19	.0																	1	1	1	29
-20/-21																					25
-22/-23																					9
-24/-25																					8
TOTAL	2.4	27.8	26.1	14.7	9.2	6.9	5.1	3.7	2.3	1.3	.5	.1	.0	.0	.0				87619		87583
																		87583		87583	

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.	437679507	6026799	68.8	16.191	87583							
Dry Bulb	274628901	4572757	52.2	20.265	87619	37.0	1656.1	2583.0	1560.8	660.5	10.9	8760
Wet Bulb	221316634	4110390	46.9	18.011	87583	42.2	2129.0	1399.1	408.5	8.6		8760
Dew Point	183427422	3629500	41.4	19.416	87583	171.9	3041.3	799.9	115.0	.2		8760

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13840 WRIGHT-PATTERSON AFB OH 67-70,73-79

STATION STATION NAME YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	23.9	26.5	38.9	48.2	57.5	65.6	69.5	67.6	60.4	49.0	41.0	31.2	48.4
	S D	13.754	12.628	11.927	10.479	8.838	6.714	5.775	6.216	8.236	9.469	11.043	10.675	18.340
	TOTAL OBS	930	846	928	900	930	899	929	929	900	930	900	930	10951
03-05	MEAN	23.0	25.0	37.3	45.8	54.8	63.5	67.2	65.6	58.5	47.3	39.6	30.2	46.6
	S D	13.997	12.911	12.223	10.681	9.138	6.978	6.134	6.610	8.637	9.670	10.940	10.893	18.120
	TOTAL OBS	930	846	930	900	930	900	930	929	900	930	900	930	10955
06-08	MEAN	22.2	24.2	36.8	46.2	56.5	65.5	68.7	66.4	58.6	46.7	39.1	29.6	46.8
	S D	14.093	13.223	12.304	10.809	9.271	7.055	6.131	6.620	8.707	9.704	10.936	10.988	18.880
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
09-11	MEAN	24.1	2..0	42.0	53.5	64.7	73.4	76.8	74.7	67.2	54.5	42.8	31.9	52.9
	S D	13.758	12.876	12.567	11.315	9.686	7.238	5.845	5.863	8.207	9.501	10.808	10.754	2..726
	TOTAL OBS	930	846	930	900	930	900	930	929	900	930	900	930	10955
12-14	MEAN	27.9	33.2	47.2	58.5	69.4	78.0	81.4	80.0	73.1	60.6	47.3	35.5	57.8
	S D	13.008	12.664	13.635	11.743	10.307	7.539	6.202	5.973	8.539	10.349	11.397	10.692	21.126
	TOTAL OBS	930	845	930	899	930	900	930	929	900	930	900	930	10953
15-17	MEAN	29.0	34.7	46.9	60.3	70.7	78.9	82.6	80.8	74.3	61.5	47.7	36.0	58.9
	S D	12.805	12.501	13.856	11.839	10.143	7.509	6.233	6.078	8.473	10.501	11.481	10.791	21.139
	TOTAL OBS	930	846	930	900	930	900	929	928	900	929	899	930	10951
18-20	MEAN	26.7	31.6	45.5	56.9	67.4	75.6	79.2	76.6	69.0	55.9	44.0	33.4	55.3
	S D	12.775	11.985	12.870	11.229	9.648	7.279	5.974	5.887	8.149	9.614	10.830	10.797	20.524
	TOTAL OBS	930	846	930	900	930	900	930	927	900	930	900	928	10951
21-23	MEAN	25.0	28.6	41.5	51.6	61.2	69.4	72.8	70.6	63.1	51.3	41.8	32.0	50.9
	S D	13.247	12.172	12.005	10.403	9.771	6.686	5.581	5.769	7.874	9.248	10.851	10.900	18.921
	TOTAL OBS	930	846	930	900	930	900	930	924	900	930	900	927	10947
ALL HOURS	MEAN	25.2	29.0	42.3	52.6	62.8	71.2	74.8	72.8	65.5	53.4	42.9	32.5	52.2
	S D	13.623	13.120	13.384	12.257	11.093	9.094	8.212	8.359	10.225	11.136	11.433	11.677	20.265
	TOTAL OBS	7440	6767	7438	7199	7440	7199	7438	7425	7200	7439	7199	7435	87619

USAFETAC FORM JUL 64 0-89-5 (OL-1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-79 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	22.0	24.2	35.5	43.8	53.0	61.0	65.5	64.3	57.0	45.5	37.7	28.6	44.9
	S D	13.170	11.566	10.871	9.638	8.590	6.420	5.734	6.037	8.184	9.239	10.489	10.056	17.533
	TOTAL OBS	928	846	928	900	930	899	929	924	900	929	900	930	10943
03-05	MEAN	21.3	23.0	34.4	42.2	51.4	59.8	64.1	63.0	55.7	44.2	37.0	27.8	43.8
	S D	13.433	11.919	11.308	9.962	8.983	6.705	6.035	6.490	8.526	9.385	10.474	10.272	17.523
	TOTAL OBS	927	846	930	900	930	900	930	923	897	930	900	930	10943
06-08	MEAN	20.7	22.3	34.1	42.5	52.7	61.3	65.2	63.6	55.9	43.9	36.4	27.3	43.9
	S D	13.544	12.188	11.422	10.066	8.944	6.652	5.903	6.432	8.547	9.428	10.518	10.409	18.094
	TOTAL OBS	927	846	930	900	930	900	930	928	898	930	900	930	10949
09-11	MEAN	22.2	25.3	37.5	46.8	56.9	65.1	68.9	68.0	61.0	49.1	39.1	29.3	47.5
	S D	13.143	11.549	11.113	9.897	8.597	6.438	5.294	5.424	7.655	8.805	10.231	10.153	18.555
	TOTAL OBS	927	844	930	900	930	900	930	929	900	930	900	930	10950
12-14	MEAN	25.1	29.0	40.5	49.5	58.9	66.6	70.3	69.6	62.9	52.0	41.6	31.8	49.9
	S D	12.130	10.737	11.269	9.686	8.340	6.311	5.323	5.426	7.594	9.003	10.327	9.869	17.936
	TOTAL OBS	930	843	930	899	930	900	930	929	900	930	900	930	10951
15-17	MEAN	25.9	30.0	41.4	50.4	59.4	66.7	70.4	69.5	63.1	52.0	41.7	32.1	50.3
	S D	11.889	10.388	10.972	9.420	8.057	6.158	5.117	5.203	7.520	8.880	10.333	9.914	17.644
	TOTAL OBS	930	846	930	900	930	900	929	927	900	928	899	930	10949
18-20	MEAN	24.2	28.0	39.5	48.6	58.0	65.4	69.3	68.2	61.3	49.4	39.6	30.4	48.6
	S D	12.147	10.472	10.688	9.270	8.067	6.108	5.098	5.257	7.520	8.895	10.252	10.194	17.834
	TOTAL OBS	930	846	930	900	930	900	930	927	900	930	900	928	10951
21-23	MEAN	22.9	25.9	37.3	45.9	55.3	63.0	67.2	65.9	58.7	47.0	38.2	29.3	46.5
	S D	12.641	11.001	10.664	9.350	8.270	6.230	5.336	5.612	7.843	9.049	10.319	10.340	17.643
	TOTAL OBS	930	846	930	900	930	900	930	924	900	930	900	927	10947
ALL HOURS	MEAN	23.0	26.0	37.5	46.2	55.7	63.6	67.6	66.5	59.4	47.9	38.9	29.6	46.9
	S D	12.889	11.542	11.336	10.105	8.955	6.867	5.953	6.271	8.421	9.569	10.529	10.280	18.011
	TOTAL OBS	7429	6763	7438	7199	7440	7199	7438	7411	7195	7437	7199	7435	87583

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-79 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	16.4	18.5	30.2	38.6	49.0	57.9	63.2	62.3	54.5	41.7	32.9	23.2	40.8
	S D	15.192	12.495	12.165	10.992	10.090	7.238	6.483	6.539	9.088	10.504	11.871	11.570	19.239
	TOTAL OBS	928	846	928	900	930	899	929	924	900	929	900	930	10943
03-05	MEAN	16.3	17.7	29.7	37.6	48.2	57.2	62.3	61.4	53.5	40.7	32.5	22.6	40.1
	S D	15.434	12.915	12.464	11.160	10.239	7.359	6.567	6.878	9.229	10.466	11.869	11.692	19.233
	TOTAL OBS	927	846	930	900	930	900	930	923	897	930	900	930	10943
06-08	MEAN	15.5	17.2	29.6	37.9	49.2	58.4	63.1	61.9	53.8	40.7	32.1	22.3	40.3
	S D	15.473	13.055	12.529	11.207	10.128	7.330	6.441	6.830	9.149	10.392	11.855	11.814	19.647
	TOTAL OBS	927	846	930	900	930	900	930	928	898	930	900	930	10949
09-11	MEAN	16.5	19.1	31.1	39.5	50.6	60.0	64.6	64.2	56.5	43.6	33.8	23.8	42.1
	S D	15.194	12.505	12.514	11.817	10.683	7.938	6.771	6.647	9.167	10.495	11.774	11.640	19.833
	TOTAL OBS	927	844	930	900	930	900	930	929	900	930	900	930	10950
12-14	MEAN	18.1	20.8	31.7	40.2	50.8	59.8	64.4	64.0	55.9	43.6	34.3	24.8	42.5
	S D	14.447	11.952	12.922	12.095	10.749	8.268	7.344	7.250	10.041	11.472	12.332	11.767	19.422
	TOTAL OBS	930	843	930	899	930	900	930	929	900	930	900	930	10951
15-17	MEAN	18.3	21.2	31.9	40.3	50.7	59.3	64.0	63.4	55.4	42.9	33.9	25.[illegible]	42.3
	S D	14.473	11.811	12.611	11.972	10.719	8.441	7.358	7.191	10.337	11.477	1[illegible].455	11.866	19.198
	TOTAL OBS	930	846	930	900	930	900	929	927	900	928	899	9[illegible]	10949
18-20	MEAN	17.6	20.5	31.3	39.8	50.4	59.1	63.9	63.5	55.9	42.7	[illegible]	[illegible]	42.0
	S D	14.572	11.694	12.306	11.496	10.562	8.265	7.141	6.893	9.505	11.014	12.[illegible]	12.[illegible]	19.284
	TOTAL OBS	930	846	930	900	930	900	930	927	900	930	900	928	10951
21-23	MEAN	16.8	19.7	31.0	39.6	50.2	58.8	64.0	63.3	55.4	42.4	32.9	23.7	41.6
	S D	14.799	12.011	12.095	10.875	10.104	7.441	6.391	6.443	9.044	10.655	11.805	12.023	19.313
	TOTAL OBS	930	846	930	900	930	900	930	924	900	930	900	927	10947
ALL HOURS	MEAN	16.9	19.3	30.8	39.2	49.9	58.8	63.7	63.0	55.1	42.3	33.2	23.7	41.4
	S D.	14.976	12.384	12.475	11.494	10.447	7.845	6.859	6.901	9.504	10.868	12.024	11.829	19.416
	TOTAL OBS	7429	6763	7438	7199	7440	7199	7438	7411	7195	7437	7199	7435	87583

DATA P OCESSING BRANCH
EIAC/ F
AIR W HER SERVICE/MA

RELATIVE HUMIDITY

13840 | WRIGHT-PATTERSON AFB OH | 68-70,73-79 | JAN
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%		
JAN	00-02	100.0	100.0	100.0	99.5	95.5	84.3	60.2	32.8	7.4	73.6	928
	03-05	100.0	100.0	100.0	99.5	96.2	87.3	65.3	33.5	8.3	74.7	927
	06-08	100.0	100.0	100.0	99.8	97.4	89.0	66.9	36.9	7.6	75.5	927
	09-11	100.0	100.0	100.0	99.7	96.0	83.5	59.5	30.7	6.3	73.3	927
	12-14	100.0	100.0	99.9	97.8	86.9	65.8	43.8	19.6	4.6	67.4	930
	15-17	100.0	100.0	99.5	96.1	81.4	61.5	38.0	17.6	4.1	65.4	930
	18-20	100.0	100.0	100.0	98.9	90.4	70.8	47.5	22.4	5.5	69.2	930
	21-23	100.0	100.0	100.0	98.9	93.9	79.6	54.2	26.1	5.4	71.5	930
TOTALS		100.0	100.0	99.9	98.8	92.2	77.7	54.4	27.5	6.2	71.3	7429

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (PERIOD) FEB (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	99.5	95.5	84.2	57.2	27.8	6.1	72.5	846
	03-05	100.0	100.0	100.0	99.6	96.1	87.8	63.1	32.3	8.4	74.3	846
	06-08	100.0	100.0	100.0	99.8	97.6	88.7	67.8	33.9	8.6	75.2	846
	09-11	100.0	100.0	99.6	98.0	91.6	77.1	52.5	24.2	7.1	70.3	844
	12-14	100.0	99.6	97.3	88.8	75.1	55.9	33.7	15.3	3.6	62.4	843
	15-17	100.0	99.3	95.6	85.6	69.6	51.3	30.0	13.9	3.4	60.3	846
	18-20	100.0	99.9	99.3	95.3	81.6	62.2	35.7	15.4	4.4	65.0	846
	21-23	100.0	100.0	100.0	98.7	91.8	77.8	47.9	22.5	5.1	70.2	846
TOTALS		100.0	99.9	99.0	95.7	87.4	73.1	48.5	23.2	5.8	68.8	6763

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (PERIOD) MAR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	99.6	98.1	92.8	78.3	54.0	30.8	9.3	72.1	928
	03-05	100.0	100.0	100.0	98.8	94.8	86.0	64.2	40.0	12.4	75.2	930
	06-08	100.0	100.0	100.0	99.7	96.5	87.3	66.9	39.7	13.8	76.0	930
	09-11	100.0	100.0	98.3	94.9	83.7	66.7	40.2	22.0	7.5	67.0	930
	12-14	100.0	98.9	94.3	82.5	63.5	40.6	22.5	13.0	4.1	57.6	930
	15-17	100.0	98.2	91.3	75.3	57.4	36.3	22.4	13.2	2.8	55.3	930
	18-20	100.0	99.2	95.5	85.3	69.1	48.1	29.6	16.7	4.8	60.5	930
	21-23	100.0	100.0	99.1	95.7	85.7	67.7	44.9	24.0	6.6	68.0	930
TOTALS		100.0	99.5	97.3	91.3	80.4	63.9	43.1	25.0	7.7	66.5	7438

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (PERIOD) APR (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%		
APR	00-02	100.0	100.0	100.0	98.2	92.4	74.7	47.9	25.4	6.6	70.4	900
	03-05	100.0	100.0	100.0	99.6	94.9	84.7	57.6	32.9	10.9	74.0	900
	06-08	100.0	100.0	100.0	99.4	95.4	82.1	59.4	33.8	11.6	74.0	900
	09-11	100.0	100.0	98.7	89.3	68.9	49.4	29.4	17.2	4.6	61.4	900
	12-14	100.0	100.0	91.8	70.1	48.7	33.1	22.4	9.9	2.2	53.4	899
	15-17	100.0	99.8	87.0	63.8	41.7	30.4	19.1	9.4	1.6	50.9	900
	18-20	100.0	100.0	94.7	75.1	52.3	37.2	25.4	10.9	2.1	55.5	900
	21-23	100.0	100.0	100.0	96.3	81.4	57.1	35.8	17.0	4.4	65.0	900
TOTALS		100.0	100.0	96.5	86.5	72.0	56.1	37.1	19.6	5.5	63.1	7199

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (PERIOD) | MAY (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	99.2	95.9	83.5	62.8	34.5	10.1	74.3	930
	03-05	100.0	100.0	100.0	99.5	97.7	91.9	76.8	52.2	16.5	79.0	930
	06-08	100.0	100.0	100.0	99.8	97.5	89.1	71.4	44.3	13.2	77.3	930
	09-11	100.0	100.0	98.8	91.6	74.1	50.8	30.1	15.1	3.7	62.1	930
	12-14	100.0	100.0	94.7	74.9	51.0	32.5	18.7	9.1	2.2	54.1	930
	15-17	100.0	99.7	91.2	68.7	45.8	26.7	18.3	8.0	1.3	51.8	930
	18-20	[illegible].0	99.8	96.0	80.5	60.2	39.8	24.3	13.1	1.9	57.1	930
	21-23	100.0	100.0	99.8	97.0	87.1	69.6	44.4	24.3	5.2	68.5	930
TOTALS		100.0	99.9	97.6	88.9	76.2	60.7	43.4	25.1	6.8	65.5	7440

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13840 WRIGHT-PATTERSON AFB OH 68-70,73-79 JUN
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	99.7	93.1	72.2	37.3	7.2	76.7	899
	03-05	100.0	100.0	100.0	100.0	99.7	95.8	85.4	49.6	11.6	80.2	900
	06-08	100.0	100.0	100.0	100.0	99.2	94.7	77.2	44.4	7.4	78.1	900
	09-11	100.0	100.0	100.0	96.8	83.7	58.8	29.2	11.9	1.9	63.9	900
	12-14	100.0	100.0	98.0	86.1	58.8	31.1	14.1	5.7	1.0	55.0	900
	15-17	100.0	99.3	96.7	79.7	48.4	28.0	14.9	6.9	1.1	52.9	900
	18-20	100.0	99.8	98.1	88.6	64.9	40.2	24.8	11.7	1.2	58.5	900
	21-23	100.0	100.0	100.0	99.8	95.2	76.0	46.4	22.2	3.7	70.0	900
TOTALS		100.0	100.0	99.1	93.9	81.2	64.7	45.5	23.7	4.4	66.9	7199

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 68-70,73-79 (PERIOD) JUL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	97.7	84.3	54.9	11.3	80.3	929
	03-05	100.0	100.0	100.0	100.0	100.0	99.2	94.9	70.2	18.0	84.1	930
	06-08	100.0	100.0	100.0	100.0	100.0	98.7	90.0	61.7	14.0	82.2	930
	09-11	100.0	100.0	100.0	98.7	89.5	67.8	40.0	18.9	3.1	67.2	930
	12-14	100.0	100.0	99.9	90.2	64.0	36.0	18.7	8.7	1.9	57.6	930
	15-17	100.0	100.0	99.2	84.1	56.5	31.0	17.2	7.2	1.7	55.1	929
	18-20	100.0	100.0	99.7	92.3	71.4	46.0	28.5	13.5	3.3	61.1	930
	21-23	100.0	100.0	100.0	100.0	98.3	87.8	63.8	33.8	5.3	74.4	930
TOTALS		100.0	100.0	99.9	95.7	85.0	70.5	54.7	33.6	7.3	70.3	7438

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13840 (STATION) | WRIGHT-PATTERSON AFB OH (STATION NAME) | 68-70,73-79 (PERIOD) | AUG (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	99.5	94.0	70.7	10.9	83.4	924
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	97.0	84.1	21.8	86.2	923
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	95.7	79.6	19.5	85.5	928
	09-11	100.0	100.0	100.0	99.5	94.0	78.9	53.8	22.6	2.0	70.6	929
	12-14	100.0	100.0	99.9	94.3	74.0	42.4	20.3	5.8	.8	59.2	929
	15-17	100.0	100.0	99.8	89.6	63.9	33.2	16.2	7.8	1.1	56.8	927
	18-20	100.0	100.0	99.9	97.0	86.2	61.3	36.6	14.6	1.4	65.0	927
	21-23	100.0	100.0	100.0	100.0	99.4	95.2	80.5	43.8	3.1	77.9	924
TOTALS		100.0	100.0	100.0	97.6	89.7	76.3	61.8	41.1	7.6	73.1	7411

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13840 | WRIGHT-PATTERSON AFB OH | 67-70,73-78 | SEP
STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	99.8	99.6	96.7	87.0	57.0	12.3	81.1	900
	03-05	100.0	100.0	100.0	100.0	99.6	98.8	94.0	66.2	18.3	83.7	897
	06-08	100.0	100.0	100.0	100.0	99.9	99.1	94.1	68.2	21.5	84.1	898
	09-11	100.0	100.0	99.8	97.7	71.1	74.0	49.3	22.2	3.7	69.6	900
	12-14	100.0	99.8	97.4	86.2	61.0	33.7	20.3	8.1	1.3	56.5	900
	15-17	100.0	99.7	93.6	80.8	52.0	30.1	17.4	7.6	.9	53.9	900
	18-20	100.0	100.0	99.2	94.2	81.7	58.1	35.8	16.2	1.9	64.4	900
	21-23	100.0	100.0	100.0	100.0	98.7	90.1	72.0	35.9	6.9	76.2	900
TOTALS		100.0	99.9	98.8	94.8	85.5	72.6	58.7	35.2	8.4	71.2	7195

USAFETAC FORM JUL 64 0-87-3 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13846 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (PERIOD) OCT (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	99.9	97.3	90.3	70.8	37.9	10.9	76.4	929
	03-05	100.0	100.0	100.0	99.8	98.0	93.5	76.7	45.2	12.2	78.4	930
	06-08	100.0	100.0	100.0	99.9	98.8	95.9	81.2	48.7	14.2	79.8	930
	09-11	100.0	100.0	99.8	97.1	87.4	67.7	43.1	22.7	5.5	68.1	930
	12-14	100.0	99.7	96.7	80.6	53.2	33.5	21.5	11.3	1.5	55.7	930
	15-17	100.0	99.8	94.2	73.0	45.4	28.2	19.8	11.1	2.0	53.1	928
	18-20	100.0	100.0	99.0	93.5	76.6	50.9	31.0	15.9	3.4	62.8	930
	21-23	100.0	100.0	100.0	99.4	94.1	81.3	54.6	28.8	6.8	72.3	930
TOTALS		100.0	99.9	98.7	92.9	81.4	67.7	49.8	27.7	7.1	68.3	7437

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-78 (PERIOD) NOV (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	99.4	96.8	87.6	60.3	27.9	6.1	73.4	900
	03-05	100.0	100.0	100.0	99.4	98.6	88.6	68.9	35.4	7.2	75.4	900
	06-08	100.0	100.0	100.0	99.4	97.7	92.6	74.3	37.9	7.1	76.5	900
	09-11	100.0	100.0	100.0	99.3	94.4	78.3	52.7	26.6	4.6	71.2	900
	12-14	100.0	99.9	99.0	94.0	75.6	49.7	29.8	14.1	2.1	62.3	900
	15-17	100.0	99.7	98.7	92.0	70.4	46.7	27.9	12.0	2.4	60.6	899
	18-20	100.0	100.0	99.9	98.0	88.9	69.6	37.6	17.9	4.0	67.3	900
	21-23	100.0	100.0	100.0	99.7	96.2	82.0	52.6	23.8	4.9	71.5	900
TOTALS		100.0	100.0	99.7	97.7	89.8	74.4	50.5	24.5	4.8	69.8	7199

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13840 WRIGHT-PATTERSON AFB OH 67-70,73-78 DEC
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	99.9	99.5	96.9	85.3	58.6	27.5	5.1	72.8	930
	03-05	100.0	100.0	99.7	99.5	97.6	87.1	63.0	31.3	5.4	73.8	930
	06-08	100.0	100.0	100.0	99.7	97.5	89.2	64.1	35.3	6.9	74.7	930
	09-11	100.0	100.0	100.0	99.4	96.0	83.3	56.1	27.7	6.1	72.5	930
	12-14	100.0	100.0	99.6	98.0	88.7	62.5	37.7	16.5	3.2	66.0	930
	15-17	100.0	100.0	99.7	97.2	85.3	61.8	37.1	16.3	2.5	65.5	930
	18-20	100.0	100.0	100.0	99.0	94.5	77.8	48.0	22.6	5.2	70.1	928
	21-23	100.0	100.0	100.0	99.2	95.7	83.2	54.4	25.4	5.2	71.9	927
TOTALS		100.0	100.0	99.9	98.9	94.0	78.8	52.4	25.1	5.0	70.9	7435

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-79 (PERIOD) ALL (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%		
JAN	ALL	100.0	100.0	99.9	98.6	92.2	77.7	54.4	27.5	6.2	71.3	7429
FEB		100.0	99.9	99.0	95.7	87.4	73.1	48.5	23.2	5.8	68.8	6763
MAR		100.0	99.5	97.3	91.3	80.4	63.9	43.1	25.0	7.7	66.5	7438
APR		100.0	100.0	96.5	86.5	72.0	56.1	37.1	19.6	5.5	63.1	7199
MAY		100.0	99.9	97.6	88.9	76.2	60.7	43.4	25.1	6.8	65.5	7440
JUN		100.0	100.0	99.1	93.9	81.2	64.7	45.5	23.7	4.4	66.9	7199
JUL		100.0	100.0	99.9	95.7	85.8	70.5	54.7	33.6	7.3	70.3	7438
AUG		100.0	100.0	100.0	97.6	89.7	76.3	61.8	41.1	7.6	73.1	7413
SEP		100.0	99.9	98.8	94.8	85.5	72.6	58.7	35.2	8.4	71.2	7195
OCT		100.0	99.9	98.7	92.9	81.4	67.7	49.8	27.7	7.1	68.3	7437
NOV		100.0	100.0	99.7	97.7	89.8	74.4	50.5	24.5	4.8	69.8	7199
DEC		100.0	100.0	99.9	98.9	94.0	78.8	52.4	25.1	5.0	70.9	7435
TOTALS		100.0	99.9	98.9	94.4	84.6	69.7	50.0	27.6	6.4	68.8	87583

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

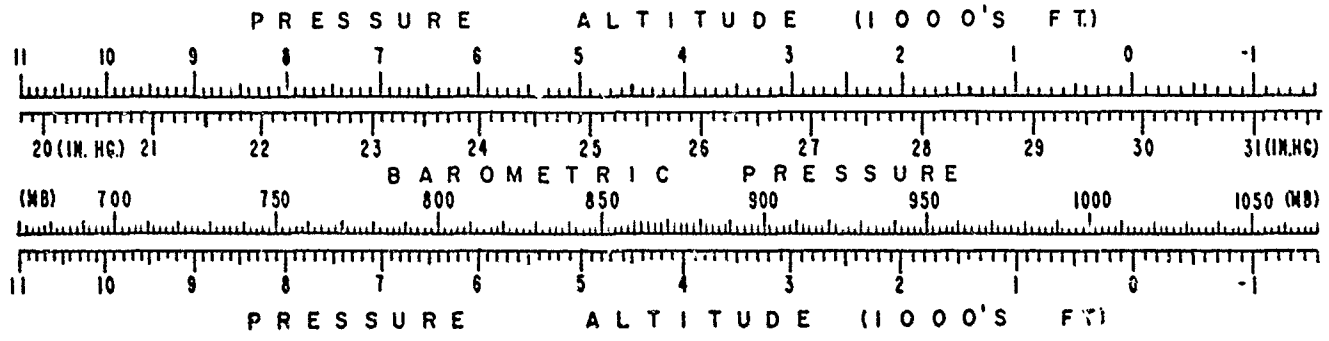
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided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

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

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

2. Sea-level pressure is presented in millibars.

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



F

74-29967

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-79 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	29.189	29.168	29.105	29.116	29.0[illegible]8	29.099	29.141	29.172	29.183	29.195	29.154	29.136	29.145
	S D	.257	.219	.225	.209	.16[illegible]	.128	.115	.100	.128	.159	.195	.231	.187
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
04	MEAN	29.192	29.157	29.09[illegible]	29.109	29.082	29.092	29.134	29.166	29.178	29.19[illegible]	29.151	29.139	29.141
	S D	.258	.225	.230	.211	.165	.132	.117	.102	.130	.164	.199	.235	.191
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
07	MEAN	29.198	29.169	29.111	29.135	29.111	29.119	29.159	29.192	29.203	29.217	29.162	29.145	29.160
	S D	.257	.231	.239	.218	.169	.138	.120	.106	.134	.170	.202	.238	.195
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
10	MEAN	29.226	29.191	29.131	29.147	29.116	29.124	29.167	29.204	29.216	29.236	29.183	29.168	29.176
	S D	.256	.237	.239	.219	.173	.139	.120	.106	.132	.173	.203	.240	.197
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
13	MEAN	29.192	29.168	29.113	29.125	29.095	29.107	29.152	29.184	29.190	29.203	29.151	29.130	29.151
	S D	.251	.236	.225	.211	.168	.136	.116	.104	.129	.169	.199	.239	.192
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	29.179	29.138	29.082	29.093	29.063	29.076	29.120	29.150	29.154	29.174	29.136	29.120	29.124
	S D	.249	.230	.214	.202	.163	.132	.114	.101	.125	.163	.193	.231	.186
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	310	3651
19	MEAN	29.200	29.158	29.093	29.096	29.062	29.072	29.113	29.145	29.157	29.187	29.156	29.138	29.131
	S D	.247	.221	.208	.196	.155	.127	.109	.098	.124	.161	.191	.228	.183
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650
22	MEAN	29.202	29.169	29.113	29.120	29.089	2[illegible].098	29.140	29.173	29.180	29.201	29.161	29.143	29.149
	S D	.252	.218	.212	.199	.155	.124	.110	.098	.125	.162	.194	.225	.183
	TOTAL OBS	310	282	310	300	310	300	310	307	300	310	300	309	3648
ALL HOURS	MEAN	29.197	29.165	29.104	29.118	29.088	29.098	29.141	29.173	29.183	29.201	29.157	29.14[illegible]	29.147
	S D	.254	.227	.224	.209	.165	.133	.116	.104	.130	.166	.197	.233	.190
	TOTAL OBS	2480	2256	2480	2400	2480	2400	2480	2475	2400	248[illegible]	2400	2478	29209

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13840 (STATION) WRIGHT-PATTERSON AFB OH (STATION NAME) 67-70,73-79 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	A	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	1019.9	1019.0	1016.2	1016.3	1015.4	1015.1	1016.5	1017.6	1018.2	1019.0	1018.0	1017.7	1017.4
	S D	9.197	7.859	7.902	7.400	5.605	4.504	3.983	3.508	4.447	5.693	6.937	8.199	6.681
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
04	MEAN	1020.0	1018.6	1015.8	1016.1	1014.8	1014.9	1016.2	1017.4	1018.0	1019.0	1017.9	1017.9	1017.2
	S D	9.261	8.097	8.200	7.464	5.784	4.625	4.051	3.594	4.570	5.837	7.075	8.329	6.835
	TOTAL OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
07	MEAN	1020.2	1019.1	1016.6	1017.0	1015.8	1015.8	1017.1	1018.3	1018.9	1019.9	1018.3	1018.1	1017.9
	S D	9.228	9.330	8.510	7.734	5.952	4.824	4.165	3.703	4.696	6.077	7.199	8.473	6.956
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
10	MEAN	1021.2	1019.8	1017.2	1017.4	1015.9	1016.0	1017.4	1018.7	1019.3	1020.5	1019.0	1018.9	1018.5
	S D	9.210	8.522	8.524	7.721	6.037	4.871	4.166	3.711	4.649	6.130	7.215	8.559	7.036
	TOTAL OBS	310	282	310	300	310	300	310	310	300	309	300	310	3651
13	MEAN	1020.0	1019.0	1016.6	1016.6	1015.2	1015.4	1016.9	1018.0	1018.4	1019.3	1017.9	1017.5	1017.5
	S D	8.988	8.483	8.025	7.474	5.902	4.772	4.069	3.628	4.522	5.987	7.056	8.498	6.833
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	1019.5	1017.9	1015.5	1015.5	1014.1	1014.3	1015.7	1016.8	1017.2	1018.3	1017.3	1017.2	1016.6
	S D	8.928	8.150	7.621	7.101	5.692	4.615	3.959	3.557	4.377	5.809	6.869	8.213	6.649
	TOTAL OBS	310	281	310	300	310	300	310	309	300	310	300	310	3650
19	MEAN	1020.3	1018.7	1015.9	1015.6	1014.1	1014.2	1015.5	1016.7	1017.3	1018.8	1018.1	1017.9	1016.9
	S D	8.858	7.961	7.426	6.947	5.446	4.484	3.814	3.456	4.319	5.757	6.809	8.109	6.605
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650
22	MEAN	1020.4	1019.1	1016.9	1016.5	1015.0	1015.1	1016.4	1017.6	1018.1	1019.3	1018.3	1018.0	1017.5
	S D	9.046	7.841	7.592	7.042	5.446	4.372	3.809	3.438	4.361	5.776	6.932	8.026	6.575
	TOTAL OBS	310	282	310	300	310	300	309	307	300	309	300	309	3646
ALL HOURS	MEAN	1020.2	1018.9	1016.3	1016.4	1015.0	1015.1	1016.5	1017.7	1018.2	1019.3	1018.1	1017.9	1017.4
	S D	9.090	8.163	7.990	7.380	5.764	4.669	4.043	3.629	4.540	5.911	7.017	8.305	6.793
	TOTAL OBS	2480	2255	2480	2400	2480	2400	2478	2475	2400	2478	2400	2478	29204