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USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

K I SAWYER AFB MI WBAN# 94836
N 46 21 W 087 24 FLD ELEV 1221 FT SAW WMO#

PARTS A-F

POR FROM HOURLY OBS: DEC 63-NOV 78
POR FROM DAILY OBS: DEC 59-NOV 78

APR 2 6 1979

FEDERAL BUILDING
ASHEVILLE, N. C.

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659-4820/b

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Susan V. Berry

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FOR THE COMMANDER

Walter S. Burgmann

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Scientific & Technical
Information Officer

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1 REPORT NUMBER USAFETAC/DS- 80/013	2 GOVT ACCESSION NO.	3 RECIPIENT'S CATALOG NUMBER
4 TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- K I Sawyer AFB, Gwinn, Michigan		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 26 Apr 79 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 K I Sawyer AFB, Gwinn, Michigan

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

* Michigan * K I Sawyer AFB, MI

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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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

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 M. (, 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_____

S74-29048

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
94836	K I SAWYER AFB MI/GWINN	N 46 21	W 087 24	1221	SAW	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOV MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT ARO.	
1	K I Sawyer AFB MI	AFB	Dec 59	Feb 63	N 46 21	W 087 24	1220	1240 ft	24
2	Same	Same	Mar 63	Nov 78	Same	Same	1221	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Dec 59	Located 2/3 mi NE of control tower and 75 yards E of taxiway	GMQ-11	RO-2	13 ft	
2	Jun 61	Located on rnwy complex	Same	Same	15 ft	
3	Apr 63	1. Located on S end of field 1900 ft from end of rnwy and 600 ft in from rnwy (between rnwy and taxiway)	Same	Same	13 ft	
		2. Located on N end of field 1000 ft from end of rnwy and 750 ft in from rnwy (between rnwy and taxiway)	Same	Same	Same	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
4	Apr 68	1. Located 600 ft E of centerline 1000 ft S of the end of rnwy 19	GMQ-11	RO-2A	13 ft	
		2. Located 700 ft E of centerline 1000 ft N of the end of rnwy 01	Same	Same	Same	
5	Jan 70	1. Located 600 ft E of centerline 1200 ft S of the end of rnwy 19	GMQ-20	RO-362	Same	
		2. Located 675 ft E of centerline 2075 ft N of the end of rnwy 01	Same		Same	
6	Nov 78	1. Same	Same	Same	Same	
		2. Same	Same		Same	

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A

PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

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

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

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

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

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

Continued on Reverse

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.

74-29969

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94[illegible] K-I SAWYER AFB, MI — [illegible] — [illegible]
STATION — STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FOR 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.
JA[illegible]	00-02		1.8	1.1	35.5		34.1	8.9	1.2	7.[illegible]		17.2	930
	03-05		1.5	1.7	33.5		36.2	11.2	1.2	6.9		18.6	930
	06-08		.9	1.2	36.0		37.8	12.5	1.0	9.2		22.0	930
	09-11		.9	.9	40.2		41.8	12.6	1.9	8.9		22.5	929
	12-14		1.5	1.0	37.0		39.2	8.9	1.2	9.1		18.7	930
	15-17		1.6	.9	33.4		35.8	8.3	1.1	7.0		15.8	930
	18-20		1.3	1.4	30.3		32.4	9.5	1.3	5.8		15.8	930
	21-23		1.3	2.5	31.6		34.2	7.8	1.5	6.9		15.6	930
TOTALS			1.4	1.3	34.7		36.9	10.0	1.3	7.7		18.3	7437

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

948[illegible] K I SAWYER AFB MI — [illegible] — [illegible]
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	00-02		.2	.0	36.3		35.1	8.2	1.2	6.2		14.2	445
	03-05		.2	1.8	33.1		34.5	8.8	.4	4.5		13.6	440
	06-08		.4	2.1	34.5		36.3	9.5	.6	6.4		15.5	446
	09-11		.7	.8	30.5		40.5	9.7	1.9	7.8		12.7	446
	12-14		.7	.7	34.6		35.5	6.6	1.1	8.5		14.9	345
	15-17		1.1	.5	31.1		32.3	6.3	1.1	7.0		14.1	442
	18-20		.9	1.4	28.6		30.8	7.5	.8	4.7		12.9	445
	21-23		.7	2.4	31.4		33.2	8.7	1.5	3.7		13.3	445
TOTALS			.6	1.3	33.5		34.8	8.2	1.1	6.0		14.9	6746

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 0-7 (YEARS) MAR (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		5.3	2.8	19.0		25.9	13.2	1.9	4.2		19.0	930
	03-05	.1	4.4	3.0	18.9		25.5	16.8	1.3	5.2		22.2	930
	06-08	.4	6.0	2.4	21.0		28.7	18.3	1.6	4.6		23.4	929
	09-11	.3	5.5	1.4	25.3		31.4	18.6	1.8	5.1		24.5	930
	12-14	.3	4.0	1.2	23.3		27.5	11.8	.5	5.6		17.4	930
	15-17	.3	4.3	1.1	22.0		25.8	9.0	.5	4.4		13.6	929
	18-20	.2	3.1	1.0	19.0		22.7	10.2	1.4	6.0		15.1	930
	21-23	.1	4.3	1.6	19.4		24.0	11.7	.8	3.5		15.9	930
TOTALS		.2	4.6	1.9	21.0		26.4	13.8	1.2	4.6		18.9	7438

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94834 (STATION) K I SAWYER AFB MI (STATION NAME) 67-7[illegible] (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02	.1	9.5	.9	9.6		18.0	12.8	1.9	1.1		15.4	899
	03-05	.6	9.6	.9	8.9		18.1	15.4	1.2	1.3		17.7	900
	06-08	.1	7.2	1.1	9.6		16.6	15.3	1.3	2.2		18.1	900
	09-11	.2	8.4	.9	11.4		19.6	14.0	.9	2.9		17.3	900
	12-14		10.0	.8	10.7		19.7	13.2	.8	1.9		15.6	900
	15-17	.3	9.3	.4	9.8		18.3	11.4	.2	1.7		13.0	900
	18-20	.6	10.3	1.0	9.2		18.9	11.1	.3	1.0		12.1	900
	21-23	.6	10.3	1.1	7.0		16.4	11.8	1.0	.9		13.2	900
TOTALS		.3	9.3	.9	9.5		18.2	13.1	1.0	1.6		15.3	7199

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94830 STATION | K I SAWYER AFB MI STATION NAME | 9-7 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /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	.9	12.0	.3	2.3		14.0	15.6	1.9			17.2	930
	03-05	1.4	11.1	.3	2.3		13.3	18.7	1.8			20.1	930
	06-08	.2	13.1	.2	2.2		15.4	20.0	3.3	.2		22.5	930
	09-11		12.9		2.4		14.8	13.8	2.9			16.3	930
	12-14	.3	12.4		2.6		14.4	10.0	2.4			11.8	930
	15-17	1.1	11.5		2.5		13.4	8.2	2.3			10.2	930
	18-20	1.2	12.4		1.6		13.8	9.7	1.7			11.1	930
	21-23	1.5	11.6	.1	.9		12.5	11.9	2.2			13.4	930
TOTALS		.8	12.1	.1	2.1		14.0	13.5	2.3	.0		15.3	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94836 K I SAWYER AFB MI 9-7 JUN
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.
JUN	00-02	1.1	8.1		.1		8.1	16.3	2.0			17.7	900
	03-05	.8	9.9				9.9	20.1	1.9			21.0	900
	06-08	1.8	11.8				11.8	16.7	2.4			18.2	899
	09-11	.4	8.8				8.8	9.3	3.1			11.3	899
	12-14	1.6	12.1				12.1	6.7	3.7			9.3	900
	15-17	2.7	13.3				13.3	8.0	2.6			9.8	900
	18-20	2.1	10.9				10.9	8.0	2.9			10.5	896
	21-23	2.2	8.5				8.5	10.9	4.0			13.5	899
TOTALS		1.6	10.4		.0		10.4	12.0	2.8			13.9	7193

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

94834 STATION | K I SAWYER AFB MI STATION NAME | 5-7 YEARS | JUL 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	1.9	6.2				6.2	12.9	4.1			16.1	929
	03-05	1.5	6.7				6.7	18.5	4.0			21.1	926
	06-08	1.2	5.9				5.9	18.5	5.1			20.4	930
	09-11	1.0	6.2				6.2	6.3	2.7			8.8	930
	12-14	2.0	7.1				7.1	3.8	2.2			5.4	927
	15-17	2.5	7.3				7.3	2.5	2.7			5.1	929
	18-20	3.0	7.4				7.4	3.3	3.3			6.7	929
	21-23	2.2	7.0				7.0	7.2	5.9			12.6	927
TOTALS		1.9	6.7				6.7	9.1	3.8			12.0	7427

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

9-[illegible] STATION K I SAWYER AFB MI STATION NAME 2-74 YEARS AUG 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.
AUG	00-02	1.3	6.4				6.4	17.1	7.1			21.6	928
	03-05	1.4	8.3				8.3	21.7	7.3			25.3	926
	06-08	.8	5.2				8.2	24.9	6.2			27.5	928
	09-11	1.2	8.5				8.5	13.7	4.7			17.4	929
	12-14	.5	8.0				6.0	6.9	2.9			9.3	929
	15-17	2.2	7.2				7.2	5.6	3.6			8.5	929
	18-20	1.9	6.2				6.2	7.1	5.6			11.4	929
	21-23	.9	4.4				4.4	12.3	7.2			16.8	928
TOTALS		1.3	7.2				7.2	13.7	5.6			17.2	7426

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

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94826 STATION | K I SAWYER AFB MI STATION NAME | 9-7 YEARS | SEP 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	1.0	15.8		.7		16.4	20.4	2.4			20.7	900
	03-05	2.3	16.5		.2		16.7	23.5	1.7			23.5	899
	06-08	.9	15.3		.4		15.6	23.7	1.8			24.1	900
	09-11	.7	14.8		.1		14.8	16.1	2.1			17.8	900
	12-14	.4	12.8		.1		12.9	11.3	1.2			12.4	900
	15-17	.7	12.2		.1		12.3	7.9	2.0			9.7	899
	18-20	1.6	12.3		.2		12.6	11.5	4.1			14.2	899
	21-23	1.2	15.6		.6		16.0	16.0	4.3			17.9	900
TOTALS		1.1	14.4		.3		14.7	16.3	2.5			17.6	7197

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

948[illegible] K I SAWYER AFB MI [illegible] [illegible]
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS BY 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		13.0		5.3		17.1	17.5	3.3		.2	19.7	930
	03-05	.2	14.6		5.6		18.7	21.[illegible]	1.7		.3	22.2	929
	06-08	.4	12.7		5.1		17.4	24.4	2.3	.1	.2	25.7	930
	09-11	.2	11.5		6.8		17.4	20.5	2.4	.1	.3	21.9	930
	12-14	.3	11.3		4.9		15.3	12.5	1.4	.1		13.7	930
	15-17	.6	12.7		4.2		16.4	9.9	1.2			10.9	929
	18-20	.5	11.8		3.1		14.7	13.1	2.9			14.5	927
	21-23	.4	12.9		4.1		16.8	17.3	3.2	.2		19.4	930
TOTALS		.3	12.6		5.0		16.7	17.1	2.3	.1	.1	18.5	7437

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

94836 STATION — K I SAWYER AFB MI STATION NAME — 9-7 YEARS — NOV 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
NOV	00-02		9.8	.1	21.7		31.7	17.9	.9	1.8		20.1	900
	03-05		9.9	.6	22.1		32.3	18.9	.3	1.6		20.4	900
	06-08		10.3	.4	21.2		31.7	20.0	.4	1.4		21.8	900
	09-11		10.1	.6	23.7	.1	33.8	19.4	1.1	2.2		21.6	899
	12-14	.1	9.4		25.8		34.6	16.2	.7	2.3		18.7	900
	15-17		9.6		23.3		32.1	13.9	1.0	1.3		15.7	897
	18-20		8.4		19.6		27.8	16.5	1.5	1.7		18.3	896
	21-23		8.1	.2	22.3		30.0	16.2	1.2	1.3		18.5	897
TOTALS		.0	9.5	.2	22.5	.0	31.6	17.5	.9	1.7		19.4	7189

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

94834 K I SAWYER AFB MI 57 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		1.9	2.6	35.2		39.4	11.6	1.3	5.2		18.0	329
	03-05		2.0	3.4	31.6		36.3	14.6	1.4	6.2		22.3	330
	06-08	.1	3.1	2.3	36.7		39.0	15.5	1.4	6.2		22.9	930
	09-11		2.8	2.8	40.4		44.9	16.7	.6	7.3		24.5	929
	12-14	.1	3.0	.5	43.3		46.1	12.6	.5	8.0		20.9	929
	15-17		3.0	1.4	39.0		43.5	11.1	.2	7.2		18.4	930
	18-20		2.4	1.4	35.2		38.5	11.4	1.0	7.2		19.6	930
	21-23		2.2	1.5	36.7		39.7	11.7	1.0	6.2		18.4	930
TOTALS		.0	2.6	2.0	37.1		40.9	13.2	.9	6.7		20.6	7437

USAFETAC FORM 0-10-5 JUL 64 OL A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94830 STATION | K I SAWYER AFB MI STATION NAME | 47- 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		1.4	1.3	34.7		36.9	10.0	1.3	7.7		18.3	7437
FEB			.6	1.3	33.5		34.8	8.2	1.1	6.2		14.9	6766
MAR		.2	4.6	1.9	21.0		26.4	13.6	1.2	4.6		18.9	7438
APR		.3	9.3	.9	9.5		18.2	13.1	1.0	1.6		15.3	7199
MAY		.8	12.1	.1	2.1		14.0	13.5	2.3	.0		15.3	7440
JUN		1.6	10.4		.0		10.4	12.6	2.8			13.9	7193
JUL		1.9	6.7				6.7	9.1	3.8			12.0	7427
AUG		1.3	7.2				7.2	13.7	5.6			17.2	7426
SEP		1.1	14.4		.3		14.7	16.3	2.5			17.6	7197
OCT		.3	12.6		5.0		16.7	17.1	2.3	.1	.1	18.5	7437
NOV		.0	9.5	.2	22.5	.3	31.6	17.5	.9	1.7		19.4	7189
DEC		.0	2.6	2.0	37.1		40.9	13.2	.9	6.7		20.6	7437
TOTALS		.6	7.6	.6	13.8	.0	21.5	13.1	2.1	2.4	.0	16.8	87586

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.

S74-29960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

94836 STATION | K I SAWYER AFB MI STATION NAME | 6-7 YEARS | AL 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	13.6	10.2	77.9		80.8	33.8	13.2	25.-		52.1	569
FEB		.2	11.5	9.1	76.9		77.8	31.7	13.4	25.8		52.3	537
MAR		1.9	21.6	9.8	57.0	.2	66.7	37.5	12.9	15.8		50.4	589
APR		5.4	39.5	4.7	32.2	.4	55.5	38.1	6.6	5.-		42.2	569
MAY		11.2	50.3	1.2	10.4	.7	54.0	37.9	11.0	.7		39.9	589
JUN		20.2	54.0		.4	1.1	54.0	44.2	18.8			46.5	570
JUL		20.2	47.3		.2	1.7	47.3	41.7	20.2			45.4	582
AUG		18.2	50.9			.7	50.9	45.7	22.4			50.4	589
SEP		13.0	60.4		3.2	.9	61.1	55.3	20.7			56.7	570
OCT		4.9	52.0		23.1	.3	62.2	47.1	20.2	1.4		50.7	588
NOV		1.8	33.3	5.3	57.9	.4	73.2	44.7	9.6	8.6		51.1	570
DEC		.5	19.0	13.1	78.6		83.0	38.2	9.2	18.2		53.0	589
TOTALS		8.1	37.8	4.4	34.8	.5	63.9	41.3	14.8	8.4		49.2	6937

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

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

74-29961

2 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

94836 K I SAWYER AFB MI C-7
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	.02-.05	06-.10	11-.25	26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00					
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	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			MEAN	GREATEST	LEAST
JAN	17.5	29.2	6.7	15.0	7.6	11.5	5.9	1.2	.4					53.3	589	2.02	4.25	.81
FEB	22.5	26.4	8.0	15.2	6.9	10.4	6.5	2.6	.4					51.0	537	1.91	3.45	.62
MAR	33.3	27.0	5.4	11.4	7.3	7.8	5.1	2.0	1.7					39.7	589	2.22	4.21	.81
APR	44.7	17.0	2.5	8.9	5.6	9.1	6.3	4.2	.7					38.2	570	2.69	5.12	.65
MAY	44.0	16.3	3.7	9.5	4.8	10.0	4.6	5.4	1.7					39.7	589	3.23	6.37	1.70
JUN	44.4	15.6	2.5	8.2	4.4	6.6	7.7	5.3	2.3					40.0	570	3.65	9.29	.99
JUL	51.3	10.1	2.5	6.5	4.2	6.6	6.3	4.1	2.2	.2				37.6	589	3.42	9.00	1.06
AUG	47.0	18.8	2.2	8.8	3.2	7.0	5.8	4.3	2.3	.2				34.1	589	3.38	6.03	.34
SEP	37.4	20.4	3.5	9.6	5.8	7.9	6.7	6.3	2.5					42.3	570	3.84	8.70	1.23
OCT	36.5	22.1	4.8	10.0	5.3	11.0	6.1	2.7	1.5					41.4	589	2.73	6.10	.91
NOV	27.2	24.9	6.5	12.1	9.8	10.0	4.4	4.4	.7					47.9	570	2.46	4.05	.98
DEC	16.3	27.8	7.8	16.5	9.0	11.5	7.3	3.4	.3					55.9	589	2.58	5.83	.72
ANNUAL	35.2	21.8	4.9	11.3	6.3	9.2	5.9	3.9	1.4	.0				43.0	6940	4.23		

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

EXTREME VALUES

PRECIPITATI

(FROM DAILY OBSERVATIONS)

9466- KI SA YE. AFS AI 59-78
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN	FEB.	MAR.	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
59												.57	
60	.24	.55	.72	1.45	1.25	1.84	1.93	2.35	1.63	1.52	.77	.34	2.3
61	.28	.68	1.10	1.53	1.03	2.29	.97	1.54	1.44	.81	1.02	.89	2.2
62	.50	.88	.88	.48	1.01	.72	.62	1.13	1.21	.52	.54	.27	1.21
63	.57	.19	.67	.79	.40	.95	.78	.85	1.02	.27	.60	.06	1.0
64	.68	.47	1.05	.38	.96	.55	1.13	.95	.96	.68	.73	.40	1.1
65	.31	1.17	1.09	.31	1.30	.20	1.01	.54	.66	.25	.62	.57	1.3
66	.43	.38	.52	.26	.74	1.32	.39	1.24	1.09	1.93	1.52	.34	1.9
67	1.32	.45	.76	.86	.76	1.45	.87	.75	.36	1.56	.52	.16	1.5
68	.39	.51	.29	.45	.84	1.97	.56	.87	1.32	.92	.30	.65	1.9
69	.70	.07	1.80	.72	.62	.69	.58	.26	1.00	1.37	.54	.63	1.8
70	.26	.21	.47	.89	2.18	.15	1.92	.36	1.00	1.75	.65	.42	2.1
71	1.76	.95	1.39	.45	.63	.51	1.52	.39	1.38	1.27	.66	.65	1.7
72	.32	.28	.45	1.22	.83	.68	.92	1.64	1.11	.52	1.28	1.70	1.7
73	.26	1.05	1.09	1.15	2.14	.63	.88	1.24	1.47	1.13	.45	.54	2.14
74	.18	.49	.47	.87	.55	.99	.93	1.52	1.54	.61	.97	.40	1.5
75	.83	.63	1.24	.98	.60	.97	1.29	2.00	.76	.43	.68	1.18	2.0
76	.22	.51	1.06	.75	2.34	1.20	.49	.90	.46	.33	.32	.59	2.3
77	.38	.41	1.42	1.12	1.18	1.37	1.89	2.74	2.31	.97	.76	.78	2.7
78	.83	.53	.16	.64	1.29	1.47	3.29	1.36	2.15	1.06	1.28		
MEAN	.551	.579	.865	.805	1.089	1.046	1.167	1.191	1.204	.942	.752	.634	1.631
S.D.	.409	.270	.432	.372	.565	.596	.696	.669	.502	.517	.338	.341	.475
TOTAL OBS.	589	537	589	570	589	576	589	589	570	589	570	589	694

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

...L CLIMATOLOGY BRANCH
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...HER SERVICE/MAC

EXTREME VALUES
...THLY PRECIPITATI

(FROM DAILY OBSERVATIONS)

24232 (KLSA YE, ...FB PI) 52-3
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR.	MAY	JUN	JUL	AUG	SEP	OCT.	NOV	DEC	ALL MONTHS
59												1.94	
60	1.38	2.15	2.06	5.12	5.43	.01	3.61	3.67	2.05	2.69	2.35	1.56	42.04
61	1.35	1.76	2.63	3.44	3.14	.09	2.02	3.15	4.97	2.02	2.45	2.56	33.7
62	2.71	3.45	1.25	1.80	2.83	.70	1.12	4.34	4.64	2.15	1.30	2.92	30.62
63	1.90	1.50	1.46	2.47	1.70	.85	2.01	2.20	2.64	.91	3.65	3.08	27.97
64	1.75	2.45	2.60	2.41	3.36	.98	3.94	4.90	4.49	1.27	2.45	2.42	34.02
65	1.17	1.96	2.52	1.55	4.35	.93	1.95	2.43	3.94	1.07	3.10	2.13	27.1
66	1.33	.88	2.48	1.51	1.88	.10	1.06	6.03	2.07	3.16	3.97	2.00	31.47
67	4.19	2.31	1.77	2.58	2.46	1.37	2.68	3.34	1.31	6.10	1.66	.72	35.69
68	1.27	2.32	.99	2.92	3.06	.29	2.61	2.42	5.19	3.07	1.24	5.63	40.41
69	3.26	1.65	3.25	3.24	2.62	4.25	2.45	.34	2.65	4.72	1.18	3.10	32.7
70	1.39	.82	1.26	1.42	5.21	.49	9.00	.56	4.25	3.81	2.58	2.37	33.1
71	4.96	2.87	2.62	.65	1.82	.63	2.76	1.29	3.30	5.30	3.16	2.35	33.5
72	1.11	1.14	2.38	2.81	1.45	1.09	3.02	4.23	3.85	2.10	2.78	.41	31.4
73	1.08	3.31	2.63	4.65	6.87	3.74	4.09	4.06	3.34	4.05	1.28	2.97	42.03
74	.81	1.85	1.14	2.86	2.20	1.92	2.12	4.25	3.74	2.05	2.63	1.20	28.9
75	3.06	1.74	2.72	2.64	3.01	2.76	3.59	4.92	3.57	1.11	4.05	1.78	37.95
76	1.74	1.21	4.18	2.31	3.92	1.60	1.48	1.44	1.23	1.53	.98	1.79	25.41
77	1.48	1.43	4.21	4.31	1.96	3.65	4.76	5.88	6.70	2.68	3.29	3.95	44.3
78	2.68	1.37	.81	2.34	3.67	1.93	8.41	4.22	5.88	2.15	2.46		
MEAN	2.017	1.906	2.317	2.686	3.231	3.654	3.420	3.383	3.837	2.735	2.461	2.583	33.977
S.D.	1.155	.748	1.015	1.130	1.416	2.389	2.106	1.689	1.451	1.480	.965	1.135	2.404
TOTAL OBS.	589	537	589	570	589	570	589	589	570	589	570	589	694

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 54 0-88-5 (OLI)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW FALL
(FROM DAILY OBSERVATIONS)

948[illegible] K I SAWYER AFB MI 67
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	.02 05	06-10	11-.25	26-.50	.51 1 00	1 01 2 50	2 51 5 00	5 0 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	20.9	26.0	10.7	17.3	4.6	4.9	2.9	3.1	1.4	.5	.2			53.1	589	26.2	99.[illegible]	2.9
FEB	22.7	27.0	14.7	17.3	7.4	3.4	3.2	1.1	2.[illegible]	.7				50.3	537	24.7	40.1	4.8
MAR	41.9	25.8	10.0	10.4	3.4	2.0	1.7	1.7	2.[illegible]	.8	.3			37.3	580	22.1	44.1	.2
APR	67.5	15.6	7.7	4.9	1.4	1.4	.5	.5	.4					16.8	570	5.9	17.1	.4
MAY	89.0	6.5	1.7	1.7	1.0	.2								4.6	589	1.3	4.9	.0
JUN	99.6	.4													570	TRACE	TRACE	.0
JUL	99.8	.2													589	TRACE	TRACE	.0
AUG	100.0														589	.0	.0	.0
SEP	96.7	3.0	.2			.2								.4	570	.2	3.4	.0
OCT	77.2	14.4	2.2	3.6	.6	.7	.8	.2						8.3	589	3.6	14.8	.0
NOV	41.8	24.4	10.2	11.6	4.9	2.3	1.4	1.6	2.1	.2				33.9	570	17.4	40.6	7.0
DEC	20.0	27.8	15.6	14.9	8.1	4.6	1.9	2.5	3.4	.7				52.1	589	31.6	70.9	8.3
ANNUAL	64.8	14.3	6.7	6.8	2.6	1.6	1.0	.9	1.[illegible]	.2	.0			21.0	6940	35.0		

1210 WS FORM JUL 64 0-15-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

94836 KINSLEY AFB KS 59-78
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
59												4.5	
60	5.8	9.2	13.0	4.2	1.7	TRACE	.0	.0	TRACE	1.1	3.9	3.4	13.
61	5.9	11.1	11.0	3.1	.9	.1	.0	.0	TRACE	TRACE	7.0	9.5	11.
62	5.0	8.8	6.8	.6	1.4	.0	.0	.0	TRACE	3.9	3.4	4.2	8.
63	5.7	1.8	6.7	1.3	1.4	.0	.0	.0	.0	TRACE	6.6	7.0	7.
64	5.4	5.1	8.7	1.7	.0	.0	.0	.0	.0	1.3	3.0	7.0	8.
65	2.9	12.7	8.3	2.5	TRACE	.0	.0	.0	TRACE	1.7	3.8	3.6	12.
66	5.6	3.3	6.3	2.7	.4	.0	.0	.0	TRACE	.4	11.8	8.0	11.
67	11.0	5.2	6.7	.7	1.8	.0	TRACE	.0	TRACE	4.8	7.5	2.3	11.
68	4.2	6.6	1.4	1.3	TRACE	.0	.0	.0	TRACE	2.6	8.2	13.0	13.
69	14.5	11.5	21.0	.2	TRACE	TRACE	.0	.0	.0	4.1	3.0	7.7	21.
70	9.0	3.9	7.5	.6	2.2	.0	.0	.0	TRACE	TRACE	7.3	11.0	11.
71	23.8	9.6	9.4	1.9	1.0	.0	.0	.0	.0	.0	7.6	6.4	23.
72	6.1	6.5	10.8	6.4	.0	.0	.0	.0	.0	1.2	2.0	7.1	10.
73	4.5	10.5	.2	4.1	3.0	.0	.0	.0	TRACE	TRACE	4.6	8.7	10.
74	3.4	7.1	1.6	6.7	2.3	.0	.0	.0	3.0	4.4	6.5	6.0	7.
75	8.6	8.1	17.2	1.0	.0	.0	.0	.0	TRACE	TRACE	8.3	3.0	17.
76	5.0	4.3	13.6	1.3	1.1	.0	.0	.0	TRACE	3.5	4.0	8.0	13.
77	4.8	3.5	6.7	6.9	TRACE	.0	.0	.0	.0	TRACE	7.7	14.5	14.
78	10.8	6.5	3.0	1.7	.0	.0	.0	.0	.0	1.0	3.6		
MEAN	7.32	7.13	8.42	2.58	.91	TRACE	TRACE	.00	.16	1.58	5.78	7.17	12.5*
S.D.	5.021	3.122	5.303	2.123	.966	.000	.000	.000	.688	1.739	2.534	3.292	4.39*
TOTAL OBS.	589	537	589	570	589	570	589	589	570	589	570	569	694*

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

EXTREME VALUES

FROM HOURLY OBSERVATIONS

STATION _____ STATION NAME _____ 59-78 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ALL MONTHS
59												17.6	
60	21.5	40.1	20.6	11.0	4.9	T ACC	.0	.0	TRACE	2.4	11.5	15.9	137.9
61	13.9	21.5	24.2	3.4	1.8	.1	.0	.0	TRACE	TRACE	12.5	29.1	130.
62	28.6	34.3	10.8	1.5	1.4	.0	.0	.0	TRACE	8.1	8.9	24.3	120.
63	18.4	14.7	13.7	2.3	2.0	.1	.0	.0	.0	TRACE	19.7	27.0	97.
64	14.0	26.6	25.1	4.1	.0	.0	.0	.0	.0	3.2	7.0	30.5	110.
65	12.5	18.9	23.1	3.5	TRACE	.0	.0	.0	TRACE	2.1	15.0	10.8	91.
66	12.6	6.8	27.7	9.8	1.0	.0	.0	.0	TRACE	.5	40.6	29.7	128.
67	37.5	23.8	14.4	2.4	3.8	.1	TRACE	.0	TRACE	10.3	22.4	8.3	173.
68	16.1	30.2	3.7	3.3	TRACE	.0	.0	.0	TRACE	5.4	20.7	70.9	150.
69	44.3	29.4	37.5	.4	TRACE	T ACC	.0	.0	.0	6.5	7.0	55.4	180.
70	40.6	20.2	17.2	.9	2.2	.1	.0	.0	TRACE	TRACE	15.0	49.5	145.
71	92.8	34.0	26.3	2.6	1.0	.0	.0	.0	.0	.0	25.5	22.9	206.
72	17.0	22.5	37.2	17.1	.0	.0	.0	.0	.0	2.3	8.1	36.1	140.
73	13.9	31.1	.2	11.6	3.9	.0	.0	.0	TRACE	TRACE	8.6	54.5	123.
74	9.9	31.1	8.1	17.1	2.3	.0	.0	.0	2.4	8.7	14.3	16.9	113.
75	34.5	28.3	44.1	1.0	.0	.0	.0	.0	TRACE	TRACE	37.2	12.8	159.
76	36.4	16.7	40.2	1.3	1.2	.0	.0	.0	TRACE	14.3	17.1	24.1	151.
77	20.1	12.7	17.4	15.8	TRACE	.0	.0	.0	.0	TRACE	19.3	64.1	148.
78	43.6	25.5	14.0	3.0	.0	.0	.0	.0	.0	2.1	14.9		
MEAN	28.17	24.66	22.13	5.94	1.34	TRACE	TRACE	.00	.18	3.57	17.39	31.60	135.4
S.D.	19.915	8.368	12.541	5.793	1.531	.000	.000	.000	.780	4.439	9.464	18.615	29.20
TOTAL OBS.	589	537	589	570	589	570	589	589	570	589	570	589	694

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

2 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

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

94853 K I SAWYER AFB MI 63-72
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	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	.3		1.0	1.0	2.9	9.5	30.9	37.9	12.[illegible]	3.7	.2			99.7	589			
FEB				1.7	.2	6.9	20.7	43.9	23.[illegible]	2.8				100.0	537			
MAR	5.9	1.5	3.6	4.6	5.2	9.7	21.4	33.8	16.[illegible]	.2				99.5	589			
APR	54.2	6.1	7.7	5.1	2.8	8.8	5.0	7.9	1.[illegible]					39.6	570			
MAY	96.1	1.7	1.0	.7	.3	.2								2.7	589			
JUN	100.0														570			
JUL	100.0														589			
AUG	100.0														589			
SEP	99.8					.2								.2	570			
OCT	92.9	2.0	2.2	1.7	.5	1.5								5.9	589			
NOV	45.4	8.4	13.3	7.5	5.3	10.9	7.5	1.6						46.1	570			
DEC	2.0	1.5	3.9	4.9	9.5	25.0	26.3	23.6	3.1	.2				96.4	589			
ANNUAL	58.0	1.8	2.7	2.3	2.1	6.1	9.4	12.4	4.8	.6	.0			40.2	6960			

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

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION _____ STATION NAME _____ YEARS _____

DAILY SNOW FPT IN INCHES

MONTH / YEAR	JAN.	FEB	MAR.	APR	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV	DEC	ALL MONTHS
59												18	
60	17	42	29	11	4	1	0	0	0	TRACE	4	6	42
61	11	20	19	1	TRACE	0	0	0	0	0	0	16	20
62	27	36	34	9	TRACE	0	0	0	0	4	3	12	36
63	16	14	15	2	TRACE	0	0	0	0	0	5	19	19
64	13	27	17	11	0	0	0	0	0	2	6	15	27
65	15	29	29	30	0	0	0	0	0	1	8	9	30
66	17	17	15	15	0	0	0	0	0	0	17	32	32
67	43	34	30	3	3	0	0	0	0	5	7	5	43
68	13	29	30	1	0	0	0	0	0	5	12	28	30
69	50	43	29	22	0	0	0	0	0	5	4	20	50
70	26	25	23	5	2	0	0	0	0	0	5	34	34
71	36	34	28	21	1	0	0	0	0	0	10	13	36
72	18	23	35	28	1	0	0	0	0	1	2	13	35
73	15	18	12	8	2	0	0	0	0	0	2	23	23
74	17	23	17	12	1	0	0	0	4	4	8	10	23
75	24	26	33	22	0	0	0	0	0	0	22	7	33
76	21	23	34	4	TRACE	0	0	0	0	5	8	18	34
77	19	18	22	13	0	0	0	0	0	0	10	33	33
78	32	37	23	6	0	0	0	0	0	TRACE	*		
MEAN	22.6	27.3	25.5	11.5	.7	.0	.0	.0	.2	1.7	7.9	18.1	32.
S.D.	10.740	8.497	8.023	9.167	1.195	.000	.000	.000	.918	2.257	4.994	9.949	8.14
TOTAL OBS.	565	537	589	570	589	570	589	564	570	589	570	589	594

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AIL 64 0-88-5 (OL)

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.

74-29962

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

9485 K I SAWYER AFB MI 59-78
STATION STATION NAME YEARS

DAILY PEAK WINDS IN KNOTS

YEAR \ MONTH	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG	SEP	OCT	NOV	DEC.	ALL MONTHS
59													
60													
61													
62		N	33N	40N	37N	34W	30 NW	33	33SSW	43W	33SSW	31NW	38
63	NW	34S	39NNW	45SSW	44S	29W	42SSW	25NE	31NE	36SSW	31NNW	36N	36
64	SSW	40SW	36S	39SSW	59S	37WS	42NNE	35WSW	35SW	39W	41WNW	32S	37
65	NNW	38N	38N	35WSW	33SSW	33NW	32 NW	32N	29SW	26N	37NW	46N	39
66	S	34S	31NNE	43ESE	32WNW	38W	31 NW	40NNE	27NNW	29SW	28N	57SSE	36
67	NW	37N	36S	36N	35SSW	39SW	32NNW*	32NNE	35N	31N	33S	33S	37
68	S	37NNW	44S	46NW	57W	50ESE*	38 23/	38 18/	43 16/	29 20/	37 29/	40 06/	43
69	16/	37 06/	35 06/	43 30/	38 30/	42 22/	46 19/	32 25/	41 19*	34 34/	32 06/	39 06/	41 22/
70	36/	36 26/	40 06/	35 27/	42 29/	37 27/	32 23/	35 27/	32 27/	38 18/	41 26/	50 27/	35 26/
71	33/	48 18/	40 31/	49 35/	40 23/	39 20/	32 30/	32 25/	40 22/	32 20/	44 20/	42 29/	38 31/
72	34/	45 06/	32 06/	43 09/	29 06/	40 01/	32 23/	39 06/	26 26/	39 29/	54 27/	39 02/	35 29/
73	36/	34 18/	37 26/	42 31/	41 35/	40 22/	31 21/	32 20/	36 20/	31 21/	36 02/	36 22/	37 16/
74	32/	35 04/	35 27/	33 35/	36 13/	32 23/	35 27/	34 22/	30 21/	33 36/	39 35/	30 06/	36 30/
75	18/	50 33/	30 31/	36 22/	28 27/	60 22/	40 34/	32 21/	37 32/	30 25/	38 29/	43 20/	34 27/
76	20/	37 35/	39 31/	39 21/	34 21/	34 19/	54 31/	31 27/	32 24/	35 31/	32 30/	32 35/	36 19/
77	31/	36 06/	32 02/	35 05/	38 24/	38 31/	43 30/	41 03/	32 24/	42 25/	34 23/	46 34/	29 23/
78	36/	58 06/	31 20/	36 33/	42 31/	36 19/	38 27/	47 20/	30 02/	36 06/	36 24/	37	
MEAN	39.8	35.3	35.9	39.1	38.7	37.1	34.9	33.6	34.3	37.5	35.3	36.9	36.1
S.D.	6.914	3.967	5.711	8.418	7.183	6.962	5.136	4.807	4.976	5.524	7.372	3.052	0.71
TOTAL OBS.	495	479	526	509	525	506	522	524	502	524	509	495	611

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

USAF ETAC FORM 0-88-5 (OL1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 57-78 (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	1.0	.5	1.3	2.6	1.0	.0	.1					7.3	13.0
NNE	.1	.6	.8	.2		.1						1.8	8.2
NE	.2	.4	.3	.4	.3							1.7	10.2
ENE	.4	.5										1.0	3.6
E	.3	.4	.1	.3								1.2	6.5
ESE	.2	.2	.5									1.0	6.7
SE	.3	.1	.3	.1								.9	6.3
SSE	.5	.2	.2	.5	.5	.1						2.2	11.2
S	1.2	2.2	1.9	1.9	.9							8.1	8.8
SSW	2.0	1.9	2.8	3.3	1.3	.2						11.6	9.5
SW	1.1	1.9	2.0	.6	.5							6.2	7.5
WSW	1.2	1.6	2.9	.4	.1	.1						6.3	7.2
W	1.0	4.5	4.0	2.4	.1	.1						12.0	7.8
WNW	1.6	2.7	4.8	2.0	.3							11.5	8.1
NW	.5	1.2	2.5	2.7	.2	.1						7.2	9.9
NNW	.1	1.3	2.8	2.0	.9	.1	.3					7.5	11.6
VARBL													
CALM												12.5	
	11.8	20.4	27.3	19.7	6.1	1.7	.4					100.0	7.9

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)

94836 (STATION) K I SA YER AFB MI (STATION NAME) 63-78 (YEARS) JAN (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	.6	.4	1.5	1.9	.2	.2	.2					6.1	13.1
NNE	.2	.1	.9	.3	.2	.2	.1					2.0	12.3
NE		.8	.3	.3	.1							1.5	8.6
ENE	.2	.4	.3									1.0	5.3
E	.3	.8	.1	.1								1.3	5.3
ESE		.6	.2									.9	5.9
SE	.2	.1		.1								.4	4.8
SSE	.4	.4	.9	.6								2.4	8.3
S	1.5	2.4	1.6	2.6	.3	.3						8.7	8.4
SSW	2.2	2.7	2.8	2.6	.6							10.9	8.3
SW	1.1	2.0	2.2	1.1	.1							6.5	7.3
WSW	.9	2.2	1.5	.9	.3	.1						5.8	7.7
W	1.7	3.2	4.3	1.3								10.5	6.8
WNW	1.6	3.3	4.3	1.9	.4							11.6	7.8
NW	.0	1.6	2.8	3.0	.5	.1						8.7	10.1
NNW	.8	.6	2.6	4.1	.9	.4						9.4	11.6
VARBL													
CALM												12.4	
	12.4	21.7	26.2	20.9	4.4	1.7	.3					100.0	7.7

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)

94834 (STATION) K I SAWYER AFB MI (STATION NAME) 73-78 (YEARS) JAN (MONTH)

ALL OF THE (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	.3	1.1	1.0	1.5	.5	.1	.3	.2				5.3	13.4
NNE	.1		1.1	.2	.1							1.8	10.4
NE	.2	.6	.2	.2		.2						1.5	8.9
ENE	.2	.3										.5	4.2
E	.4	.4	.2									1.1	4.7
ESE	.3	.4	.5									1.3	5.6
SE		.5	.5	.1								1.2	7.5
SSE	.2	.5	1.1	.5								2.4	8.1
S	1.1	1.9	2.5	2.5	.1	.1	.2					8.6	9.8
SSW	1.6	3.7	3.2	2.5	.2	.1						11.3	7.8
SW	1.4	1.6	2.5	1.5	.1							7.1	7.8
WSW	.5	2.4	1.5	.3	.2							5.0	6.7
W	1.7	3.8	3.1	1.6	.2							10.5	7.3
WNW	.8	2.6	3.3	2.2	.1							8.9	8.1
NW	.4	1.9	4.4	3.7	.6	.1						11.2	9.9
NNW	.5	1.3	3.0	4.3	.9							10.0	11.0
VARBL													
CALM												12.3	
	9.9	23.2	28.2	21.4	3.1	1.1	.5	.2				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 928

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 55-78 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L or G.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	.6	.5	1.7	1.8	.3		.2	.1			5.7	15.2
NNE	.2	.9	.5	.9								2.5	8.7
NE	.3	.1	.4	.3		.1						1.3	8.8
ENE	.4	.2	.1									.8	4.4
E		.1	.8									.9	7.8
ESE	.3	.4	.5	.1								1.4	6.2
SE	.2	.5	1.3	.3								2.4	7.7
SSE	.5	.6	.9	1.0								3.0	8.0
S	.6	2.4	2.6	3.2	1.2	.1	.2					10.3	10.5
SSW	1.2	2.2	2.3	2.5	.5	.3						8.9	9.2
SW	.6	2.3	2.7	1.5	.1							7.2	8.2
WSW	.9	1.3	2.8	1.1								6.0	7.6
W	1.2	3.3	5.4	1.2	.3							11.4	7.5
WNW	.8	1.7	3.4	2.9	.3							9.1	9.4
NW	.4	1.9	3.4	4.5	.9							11.2	10.5
NNW	.2	1.5	3.2	3.6	.6	.3						9.5	11.0
VARBL													
CALM												8.4	
	8.3	20.1	30.9	24.8	5.8	1.2	.2	.2	.1			100.0	8.7

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 59-78 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 1200-1500 (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	1.0	1.0	3.0	1.6	.1		.2	.1			9.5	11.7
NNE	.3	.4	.5	.9	.6							2.8	10.6
NE	.2	.2	.8	.4								1.6	8.4
ENE	.3	.2	.4									1.0	5.4
E	.1	.3										.4	4.8
ESE	.5	.5	.2									1.3	4.3
SE	.2	.4	.8	.3								1.7	7.6
SSE	.8	.5	1.1	1.7								4.1	9.1
S	.6	2.5	3.2	3.1	1.7	.4						11.6	11.0
SSW	.1	1.8	2.4	2.9	.5	.2	.3	.1				8.4	11.9
SW		1.2	3.7	1.6		.2						6.7	9.5
WSW		1.2	4.1	1.0	.1							7.0	9.5
W	.4	1.2	3.2	2.5		.1						7.4	9.5
WNW	.8	.9	3.0	3.1	.3							8.6	10.3
NW	.1	1.3	2.6	5.3	1.2							10.4	11.8
NNW	.3	1.3	3.1	5.6	1.2	.4	.1					12.0	11.9
VARBL													
CALM												5.5	
	6.0	15.6	30.6	32.0	7.3	1.5	.4	.3	.1			100.0	10.0

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (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	.8	1.6	3.4	2.6	1.4	.1	.1	.2				10.2	11.1
NNE	.5	1.2	.9	.6		.1						3.4	8.1
NE		.9	.8	.1								1.7	6.9
ENE	.4	.2	.2	.1								1.0	5.4
E	.5	.2	.5									1.3	5.2
ESE	.3	.2	.5	.1								1.2	6.6
SE	.4	.1	.6	.2	.1							1.5	7.6
SSE	.5	1.1	.9	1.0	.1							3.5	8.5
S	1.0	1.6	2.9	3.1	1.6	.4	.1					10.8	11.3
SSW	.2	1.6	3.1	3.3	1.3	.4	.1					10.1	11.8
SW	.1	.2	2.9	1.2	.2	.1	.1					4.8	10.6
WSW	.1	1.5	1.6	.8								4.0	7.8
W	.8	2.7	5.3	2.4	.2							11.3	8.6
WNW	.5	1.6	3.1	4.1	.5							9.9	10.1
NW	.3	.6	2.7	2.5	.3							6.5	10.2
NNW	.3	2.0	3.7	5.1	1.2	.2	.1					12.6	11.2
VARBL													
CALM												6.2	
	6.9	17.4	33.1	27.2	7.0	1.4	.5	.2				100.0	9.4

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 53-78 (YEARS) JAN (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	1.0	1.5	1.6	2.2	.4	.2	.3					7.2	10.5
NNE	.3	.6	.5	.3								1.8	6.9
NE	.2	.3	.5	.2								1.3	6.8
ENE	.3	1.1	.1	.1								1.6	5.0
E	.6	.2	.5	.1								1.5	5.8
ESE	.4	.2	.3	.1								1.1	5.9
SE	.5	.8	.4	.2								1.9	5.5
SSE	.5	1.0	1.0	.9								3.3	7.8
S	.4	1.6	2.7	3.8	1.5	1.1						11.0	12.2
SSW	1.1	1.8	2.4	2.6	.6	.5						9.0	10.1
SW	1.3	1.2	1.3	.3	.1		.2					4.4	7.2
WSW	.5	1.8	1.6	.4								4.4	6.8
W	2.5	3.7	4.9	1.8	.1							13.0	7.0
WNW	.9	1.9	3.1	1.4	.1	.1						7.5	8.3
NW	1.4	2.0	2.6	2.0	.2							8.3	8.1
NNW	1.2	2.3	3.5	2.8	.1	.3						10.2	9.1
VARBL													
CALM												2.4	
	13.2	22.0	27.2	19.2	3.2	2.2	.5					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-9-5 (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)

94835 (STATION) K I SAWYER AFB MI (STATION NAME) 59-78 (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	≥56	%	MEAN WIND SPEED
N	1.2	1.0	1.1	2.0	.9	.4	.3					6.7	11.6
NNE	.1	.5	1.1	.2	.3							2.3	9.4
NE	.2	.3	.5	.2								1.3	7.4
ENE		.1	.4	.1								.6	8.3
E	.6	.1	.4									1.2	4.8
ESE		1.0	.6									1.6	6.4
SE	.6	.3	.3	.4								1.7	6.4
SSE	.3	.6	1.0	.6								2.6	8.4
S	1.1	1.2	1.2	4.0	.6	.4						8.5	11.0
SSW	1.2	2.5	3.3	4.1	.9	.5						12.5	10.4
SW	1.0	1.1	1.0	.3	.1	.3						3.8	7.9
WSW	1.1	2.6	2.7	.8								7.1	6.7
W	2.4	5.4	3.2	1.9	.1							13.0	6.7
WNW	2.0	3.3	3.2	1.0	.2							9.8	6.8
NW	1.0	1.7	2.7	2.9	.2							8.5	9.1
NNW	.9	1.0	2.4	2.5	.5	.1	.1					7.4	10.4
VARBL													
CALM												11.5	
	13.7	22.7	25.2	21.1	3.9	1.6	.4					100.0	7.7

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (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	.8	1.0	1.5	2.2	1.1	.3	.2	.1	.0			7.2	12.3
NNE	.2	.6	.8	.5	.2	.1	.0					2.3	9.3
NE	.2	.5	.5	.3	.1	.0						1.5	8.3
ENE	.3	.4	.2	.0								.9	5.1
E	.4	.3	.3	.1								1.1	5.6
ESE	.3	.5	.4	.0								1.2	5.9
SE	.3	.4	.5	.2	.0							1.5	6.9
SSE	.5	.6	.9	.9	.1	.0						2.9	8.6
S	.9	2.0	2.3	3.0	1.0	.4	.1					9.7	10.5
SSW	1.2	2.3	2.8	3.0	.8	.3	.1	.0				10.3	9.8
SW	.8	1.4	2.3	1.0	.2	.1	.0					5.8	8.2
WSW	.6	1.8	2.3	.8	.1	.0						5.7	7.6
W	1.5	3.5	4.2	1.9	.1	.0						11.1	7.6
WNW	1.1	2.3	3.5	2.4	.3	.0						9.6	8.6
NW	.6	1.5	3.0	3.3	.5	.0						9.0	10.0
NNW	.5	1.4	3.0	3.7	.8	.2	.1					9.8	11.0
VARBL													
CALM												10.1	
	10.3	20.4	28.6	23.4	5.1	1.5	.4	.1	.0			100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 7437

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)

94826 (STATION) K I SAWYER AFB MI (STATION NAME) 59-78 (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	1.7	2.4	1.3	4.3	1.7	.4						11.6	10.0
NNE	.5	1.3	.9	1.3	.1							4.1	8.3
NE	.2	.0	.8	.4								2.0	7.7
ENE	.5	.1	.4									.9	5.4
E	1.1	.1										1.2	2.6
ESE	.2	.4	.4									.9	5.4
SE	.1	.1	.4									.6	5.8
SSE	.4		.8		.1							1.3	7.5
S	.1	2.4	3.1	1.9	.4	.1						7.9	9.2
SSW	.8	2.8	3.0	.8	.2							7.7	7.3
SW	.8	1.7	1.9	.6								5.0	6.9
WSW	1.4	2.4	1.2	.4								5.3	5.4
W	2.0	3.2	2.0	.5	.2							7.9	6.1
WNW	2.2	3.4	2.2	.9								8.9	5.9
NW	.5	2.6	2.1	1.2								6.4	7.4
NNW	.7	.8	1.7	3.0	.4							6.5	10.3
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	21.7	
	13.2	24.2	22.1	15.1	3.1	.5						100.0	6.1

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 60-78 (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	.9	1.5	2.5	2.6	1.1	.6	.2					9.5	11.4
NNE	.4	.9	1.8	1.1								4.1	8.7
NE	.1	.4	.2	.2								.9	7.6
ENE	.4	.4	.2									.9	4.6
E	.6	1.3	.2									2.1	4.1
ESE	.6	.5										1.1	3.1
SE		.2	.6									.8	7.4
SSE	.1	.6	.5	.1								1.3	6.7
S	.6	1.4	2.1	.8	.5	.1						5.6	8.8
SSW	.7	3.3	3.4	1.3	.1							8.9	7.5
SW	.9	1.4	1.8	.4								4.5	6.3
WSW	.8	2.1	1.3	.1								4.4	5.5
W	3.1	4.3	1.7	.7	.1							9.8	5.2
WNW	2.2	3.1	2.0	.2								7.6	5.3
NW	1.1	2.6	2.0	1.4		.1						7.2	7.3
NNW	1.2	.9	3.2	3.3	.9	.1						9.7	10.3
VARBL													
CALM												21.5	
	13.7	24.9	23.5	12.3	2.7	.9	.2					100.0	5.9

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)

94835 (STATION) K I SAWYER AFB MI (STATION NAME) 59-78 (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	1.8	1.5	2.7	3.2	1.5	.6						11.6	11.2
NNE	.2	.7	1.3	1.5								3.8	9.4
NE	.2	.6	.6	.2								1.7	7.2
ENE	.5	.1										.6	3.2
E	.9	1.7		.1								2.7	4.5
ESE	.4	.6	.1									1.1	4.1
SE	.2	.7	.4	.2								1.5	6.7
SSE		.1	.2	.1								.5	9.0
S	.8	1.8	1.2	1.1	.6							5.4	8.6
SSW	1.1	3.4	3.0	.8	.2	.1						8.6	7.3
SW	1.1	2.6	2.0	.4								6.0	6.0
WSW	.4	1.1	1.1	.1								2.6	6.4
W	2.5	4.3	2.5	.2	.1							9.6	5.5
WNW	1.1	4.3	1.3	.4	.1							7.1	5.7
NW	.7	3.3	1.7	.6	.2							6.5	6.7
NNW	.7	1.5	3.2	3.1	.9							9.5	10.2
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	21.3	
	12.5	28.3	21.2	12.1	3.8	.9						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 846

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)

94834 (STATION) | K I SAWYER AFB MI (STATION NAME) | 69-78 (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	.7	1.6	3.8	5.9	2.7	.7						15.6	12.3
NNE	.1	.6	.9	2.0	.1							3.8	10.8
NE	.4	.5	.7	.4								1.9	7.1
ENE	.9	1.1	.2									2.2	4.2
E	.4	1.1	.6	.1								2.1	5.3
ESE	.2	.9										1.2	4.3
SE		.9	.5	.1								1.5	6.5
SSE	.4	.5	.4	.6								1.8	7.7
S	.7	1.3	2.0	1.4	.6	.2						6.3	9.7
SSW	.5	2.5	3.5	1.5	.5	.2						8.7	9.1
SW	.8	1.8	1.3	.7								4.6	6.8
WSW	1.1	1.4	1.5	.2								4.3	6.1
W	1.2	2.8	2.8	.7								7.6	6.5
WNW	1.4	2.7	2.8	1.2	.4							8.5	7.3
NW	.2	1.7	2.0	1.2	.2							5.3	8.8
NNW	.4	1.2	3.9	3.8	1.7	.1						11.0	11.5
VARBL													
CALM												13.6	
	9.3	22.7	27.1	19.9	6.1	1.3						100.0	7.8

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)

94863 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (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	1.9	4.3	5.6	6.7	3.0	.6						22.2	11.0
NNE	.6	2.4	2.4	1.5								6.9	7.9
NE	.5	.7	.8	.1								2.1	6.3
ENE	.2	.6	.2	.1								1.2	5.5
E	.4	.5	.7		.1							1.7	6.9
ESE	.5	.1		.1								.7	4.5
SE		.4	.6	.1								1.1	8.2
SSE	.2	.7	1.1									2.0	6.5
S	1.1	2.6	4.4	2.8	1.1	.7						12.7	10.1
SSW	.9	1.1	1.9	3.2	.8	.2						8.2	10.8
SW	.6	.6	1.4	.8		.1						3.6	8.5
WSW	.7	.9	1.4	1.2	.2	.1						4.6	9.3
W	.6	1.9	2.5	.9								5.9	7.7
WNW	.6	.6	2.4	1.4	.6							5.6	9.9
NW	.2	.8	2.1	2.8	.6							6.6	10.9
NNW	.4	.9	3.8	3.4	1.3	.1						9.9	11.6
VARBL													
CALM												5.1	
	9.3	19.1	31.2	25.4	7.7	2.1						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 845

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)

94836 — STATION
K I SAWYER AFB MI — STATION NAME
58-78 — 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	1.7	2.7	7.3	7.0	2.1	.2						21.0	10.4
NNE	.2	2.7	4.8	2.0								9.8	8.3
NE	.7	1.4	1.9	.7								4.7	7.1
ENE	1.1	1.7	.4									3.1	4.6
E	.5		.4									.8	5.0
ESE	.4	.7	.1									1.2	4.4
SE	.1	.4	.2	.1								.8	6.7
SSE	.6	1.3	.4	.4								2.6	6.1
S	.7	2.5	3.2	3.4	1.1	.2	.1					11.2	10.7
SSW	.6	.8	3.0	2.2	.8		.1					7.6	10.7
SW	.2	.7	1.1	1.4	.2							3.7	10.2
WSW	.5	.4	1.2	1.1	.2							3.3	9.6
W	.5	1.3	1.9	1.3	.2		.1					5.3	9.2
WNW		.8	2.0	2.0	.5							5.3	10.5
NW	.5	.8	1.4	3.0	.2	.1						6.0	11.0
NNW	.6	.8	2.5	4.7	1.1	.2						9.9	11.9
VARBL													
CALM												3.5	
	8.7	19.0	31.7	29.3	6.5	.3	.4					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)

94855 K I SAWYER AFB MI 60-78 FEB

STATION STATION NAME YEARS MONTH

ALL WEATHER 1800-2000

CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.9	4.3	4.4	3.7	1.1	.2						18.0	6.3
NNE	1.5	4.7	3.0	.6	.1							9.9	6.3
NE	1.5	2.0	.7	.5								4.7	5.5
ENE	1.7	.7										2.4	3.8
E	.8	.6	.1									1.5	3.7
ESE	.5	.4										.8	3.7
SE	.1	.4	.2									.7	5.8
SSE	.2	1.2	.8	.7								3.0	7.7
S	1.1	2.5	2.0	3.6	.5	.2						10.1	10.0
SSW	.6	1.3	3.0	1.4	.5	.1						6.9	9.6
SW	.5	1.1	.7	.9	.4							3.6	6.1
WSW		1.1	.5	.5								2.0	7.7
W	.9	1.5	1.3	.9	.2							5.0	7.3
WNW	1.3	1.8	2.6	.9								6.6	7.1
NW	.7	1.4	2.0	1.4	.1							5.7	8.3
NNW	1.1	2.5	2.6	3.0	.6	.1						9.8	9.1
VARBL													
CALM												9.3	
	16.4	27.3	23.9	18.3	3.4	1.2						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 845

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)

94838 K I SAWYER AFB MI 65-75 FEB
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	1.9	2.2	3.6	.5	.0	.1					11.3	9.9
NNE	.7	1.3	1.1	.7	.2							4.0	7.6
NE	.4	.7	1.3	.7								3.1	7.7
ENE	.4	.1	.1	.2								.8	6.6
E	.4	.4	.2									.9	4.3
ESE	.2	.7	.7									1.7	5.9
SE	.1	.2	.2									.6	5.4
SSE	.4	.8	.4	.2								1.8	6.1
S	.9	3.0	3.3	1.4	1.5	.1						10.3	9.1
SSW	.2	2.4	3.8	.8	.2							7.4	8.1
SW	.5	1.2	1.9	1.1								4.6	8.3
WSW	.5	1.4	1.1	.6								3.5	7.1
W	2.1	3.1	1.9	.6								7.7	5.7
WNW	1.5	3.2	.8	.4								5.9	5.3
NW	1.3	2.7	2.4	.8								7.2	6.4
NNW	2.4	2.1	3.3	2.6	.2							10.6	7.9
VARBL													
CALM												18.4	
	14.2	25.2	24.7	13.9	2.7	.7	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 846

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)

94834 STATION | K I SAWYER AFB MI STATION NAME | 49-78 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	1.8	2.5	3.7	4.7	1.7	.6	.0					15.1	10.6
NNE	.5	1.8	2.0	1.3	.1							5.8	8.1
NE	.5	.9	.9	.4								2.6	6.8
ENE	.7	.6	.2	.0								1.5	4.4
E	.6	.7	.3	.0	.0							1.6	4.6
ESE	.4	.5	.2	.0								1.1	4.5
SE	.1	.4	.4	.1								1.0	6.7
SSE	.3	.7	.6	.3	.0							1.8	7.0
S	.8	2.2	2.7	2.1	.8	.3	.0					8.7	9.7
SSW	.7	2.2	3.1	1.5	.4	.1	.0					8.0	8.8
SW	.7	1.4	1.5	.6	.1	.0						4.4	7.5
WSW	.7	1.3	1.2	.5	.1	.0						3.8	7.0
W	1.6	2.8	2.1	.7	.1		.0					7.3	6.4
WNW	1.3	2.5	2.0	.9	.2							6.9	6.9
NW	.7	2.0	2.0	1.6	.2	.0						6.4	8.3
NNW	.9	1.4	3.0	3.4	.9	.1						9.6	10.4
VARBL													
CALM												14.3	
	12.2	23.8	25.7	18.3	4.5	1.1	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 6766

USAFETAC FORM JUL 64 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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 57-78 (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	1.9	1.9	2.9	3.4	1.8	1.5	.1					13.7	11.8
NNE	.8	.6	1.9	1.4	.5	.1						5.3	9.9
NE	.3	1.1	.8	.3	.1							2.5	7.0
ENE	.8	.5	.4	.3								2.0	6.1
E	.4	.6	.6	.3								2.0	6.5
ESE	.3	.4	.6									1.4	5.7
SE	.2	1.0	1.0	.3								2.5	7.3
SSE	.2	.4	.4	.4	.2							1.7	9.3
S	1.2	2.8	2.6	1.9	.4	.1						9.0	8.4
SSW	1.0	2.8	3.0	1.2								8.0	7.2
SW	.8	1.1	1.0	.3								3.1	6.0
WSW	1.2	1.5	.4	.4	.1							3.7	5.5
W	1.0	2.4	.5	.4								4.3	5.5
WNW	1.9	4.0	1.2	.8	.1							8.0	5.7
NW	1.3	1.6	1.1	.4								4.4	5.9
NNW	1.6	1.2	1.8	1.2	.4							6.0	7.8
VARBL													
CALM												22.5	
	14.7	24.0	20.0	13.2	3.8	1.7	.1					100.0	6.1

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (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	1.5	3.0	3.7	.9	2.0	1.1						15.2	11.1
NNE	.4	2.0	1.8	1.0	.6	.1						6.0	9.2
NE	.6	1.1	.5	.1	.1							2.5	5.5
ENE	.3	.8	.6	.4								2.2	7.2
E	.0	.9	.3	.1								.0	4.6
ESE	.2	.6	.1									1.0	4.6
SE		.8	.8	.4								1.9	8.5
SSE	.2	.2	.9	.5	.1							1.9	9.1
S	1.4	2.8	2.3	2.2	.4							9.0	7.8
SSW	1.8	3.1	1.7	1.3								8.0	6.5
SW	.9	1.7	.8	.3								3.7	5.6
WSW	1.1	.6	.4	.4								2.7	5.6
W	1.4	2.2	1.4	.3								5.3	5.4
WNW	2.3	3.2	.8	.3								6.6	4.7
NW	.5	2.6	1.2	.8	.1							5.4	7.1
NNW	.5	.8	1.2	1.0	.8	.2						4.6	10.6
VARBL													
CALM												22.4	
	14.2	26.5	18.4	13.0	4.2	1.4						100.0	6.0

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)

94834 (STATION) | K I SAWYER AFB MI (STATION NAME) | 50-78 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | 0000-0800 (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	1.7	2.6	4.2	4.6	2.3	.6						15.4	10.8
NNE	.4	1.5	2.2	1.4	.8							6.2	9.8
NE	.8	1.3	1.4	.5								4.0	6.9
ENE	.5	.4	.3	.1								1.4	5.2
E	.6	.8	.2									1.6	4.3
ESE	.1	.2	.2	.1								.6	6.0
SE	.2	.3	.9	.2								1.6	7.5
SSE	.4	1.1	.6	.6								2.8	7.6
S	.8	2.2	2.0	1.5								7.4	7.8
SSW	2.2	3.1	2.9	1.1								9.3	6.5
SW	1.2	1.4	.9	.2	.1							3.8	5.8
WSW	1.0	.9	.1									1.9	3.7
W	1.8	1.9	1.2	.1								5.1	5.0
WNW	1.6	2.7	1.3	.3								5.9	5.3
NW	1.1	1.4	1.0	.2	.2							3.9	6.1
NNW	.9	1.0	1.7	1.8	.4							5.8	9.7
VARBL													
CALM												23.3	
	15.3	22.7	22.1	12.3	3.8	.6						100.0	5.9

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (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	3.1	5.3	7.2	2.3	1.7						20.4	12.1
NNE	.1	.6	3.8	2.9	.3	.1						7.8	10.9
NE	.6	.8	1.0	.4	.1							2.9	7.5
ENE	.4	1.2	.6									2.3	5.7
E	.1	.9	.8									1.7	6.1
ESE	.4	.6	.3	.3								1.7	6.4
SE		.2	.6	.4								1.3	9.8
SSE	.3	.5	1.4	.6		.1						3.1	8.8
S	.6	3.3	4.2	3.4	1.0							12.6	9.5
SSW	1.2	2.0	2.5	2.2	.6							8.5	8.7
SW	.3	.9	1.1	.3								2.6	7.4
WSW	.3	1.0	1.3	.3	.1							3.0	7.3
W	.5	.9	1.7	1.3								4.4	8.6
WNW	.5	2.0	2.2	1.0								5.7	7.3
NW	.3	1.0	2.2	1.4	.2							5.1	9.4
NNW	.3	.4	2.7	2.6	1.0	.1	.1					7.2	11.8
VARBL													
CALM												9.7	
	7.1	19.5	31.5	24.5	5.6	2.0	.1					100.0	8.8

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)

94826 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (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	1.0	2.7	7.7	8.6	3.1	1.7	.1					24.9	12.3
NNE	.3	1.8	4.2	2.4	.2	.1						9.0	9.5
NE	.3	1.2	.6	.5								2.7	7.4
ENE	.6	.5	.5									1.7	4.9
E	.2	.6	.9	.2								1.9	7.3
ESE	.1	.3	.4	.2								1.1	7.6
SE	.3	.3	.8	.4								1.8	8.2
SSE	.6	1.1	1.7	1.2	.2							4.8	8.7
S	.6	3.3	4.8	5.9	1.4	.1						16.2	10.4
SSW	.3	.9	1.3	2.9	1.2	.1						6.7	12.2
SW	.1	.4	1.1	1.0	.2	.1						2.9	10.9
WSW	.5	.3	1.4	.9								3.1	8.4
W	.2	.4	1.7	1.2								3.5	9.1
WNW	.2	.2	1.6	1.2	.1							3.3	10.1
NW	.2	.3	1.8	2.0	.1	.1						4.6	11.1
NNW	.1	.5	1.7	3.3	1.3	.1						7.1	12.8
VARBL													
CALM												4.4	
	5.9	15.1	32.4	31.9	7.8	2.4	.1					100.0	10.2

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 59-78 (YEARS) MAR (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	1.7	6.5	7.0	2.7	1.5	.9					20.8	13.3
NNE	.2	3.1	7.4	2.8	.5							14.1	9.0
NE	.2	1.2	4.4	1.1								6.9	8.3
ENE	.4	1.0	1.3	.2								2.9	6.7
E	.2	.5	.3	.2								1.3	7.4
ESE	.4	.5	1.0	.1								2.0	6.4
SE	.1	.3	.6	.5								1.6	9.1
SSE	.2	1.8	2.2	1.2	.3							5.7	8.7
S	.5	2.2	3.4	4.7	1.3							12.2	10.8
SSW	.2	.8	1.4	3.3	.3	.2						6.2	11.6
SW	.1	1.0	.6	1.1	.3	.1						3.2	10.6
WSW	.1	.3	1.0	.2								1.6	8.1
W	.2		1.1	1.7	.2							3.2	10.9
WNW		.4	2.8	1.9	.1							5.3	10.6
NW	.1	.3	2.2	1.7	.3							4.6	10.8
NNW		.5	1.6	3.0	.3	.1						5.6	11.8
VARBL													
CALM												2.7	
	3.7	15.7	37.8	30.9	6.5	1.9	.9					100.0	10.2

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 49-78 (YEARS) 1AR (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	4.2	4.9	4.9	1.9	1.6	.5					19.0	11.3
NNE	1.1	4.7	6.1	1.5	.1	.2						13.8	7.6
NE	1.8	4.5	1.7	.6								8.7	5.9
ENE	1.2	1.1	1.1	.1								3.4	5.2
E	1.2	.5	.5	.4								2.7	5.3
ESE	.2	.2	.6	.1								1.2	6.5
SE	.2	.8	.9									1.8	6.6
SSE	.6	1.5	3.0	1.0								6.1	7.6
S	.4	1.9	3.7	4.2	1.1	.1						11.4	10.4
SSW	.2	1.3	.9	1.1	.2							3.7	9.0
SW	.3	.4	.4	.6	.2							2.0	9.4
WSW	.1	.6	.9	.2	.1							1.9	8.4
W	.5	.4	1.4	.5								2.9	8.0
WNW	.1	.9	2.5	1.2	.1							4.7	9.2
NW	.4	.9	1.5	1.4	.2							4.4	9.1
NNW	.6	1.3	3.1	1.1	.2	.2						6.6	9.1
VARBL													
CALM												5.6	
	10.4	25.3	33.2	19.0	4.2	1.7	.5					100.0	8.2

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)

94863 (STATION) K I SAWYER AFB MI (STATION NAME) 59-78 (YEARS) MAR (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	2.9	2.7	3.7	1.4	1.3	.2	.1				14.6	10.9
NNE	.3	2.2	1.0	.9	.3	.3						5.4	8.4
NE	1.1	1.0		.2	.1							2.4	4.9
ENE	.9	.5	.4	.2								2.0	5.5
E	1.0	.9	.6	.3								2.8	5.7
ESE	.3	.2	.6									1.7	4.8
SE	.4	.9	.4	.2								1.9	5.9
SSE	.4	1.3	1.6	.9	.1							4.3	7.9
S	1.5	2.6	4.4	2.7	.6	.1						11.9	8.6
SSW	1.2	2.7	2.3	.9								7.0	6.8
SW	.4	.3	.6	.5								1.9	8.2
WSW	.8	.1	.3	.5								1.7	7.3
W	1.0	1.5	1.0	.5								4.0	6.1
WNW	.6	2.0	1.6	.4								4.7	6.5
NW	1.2	2.4	2.4	1.1								7.0	6.9
NNW	1.2	2.6	1.7	.8	.2	.3						6.8	7.7
VARBL													
CALM												19.8	
	15.6	24.0	21.7	13.8	2.8	.7	.2	.1				100.0	6.3

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 67-78 (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	1.4	2.8	4.7	5.3	2.2	1.3	.2	.0				18.0	11.8
NNE	.5	2.1	3.5	1.8	.4	.1						8.5	9.1
NE	.7	1.5	1.3	.5	.1							4.1	6.8
ENE	.6	.8	.7	.2								2.2	5.9
E	.6	.7	.5	.2								2.0	5.8
ESE	.3	.4	.5	.1								1.3	6.0
SE	.2	.6	.7	.3								1.8	7.8
SSE	.4	1.0	1.5	.6	.1	.0						3.8	8.3
S	.9	2.5	3.5	3.3	.8	.1						11.2	9.4
SSW	1.0	2.1	2.0	1.7	.3	.0						7.2	8.3
SW	.5	.9	.8	.6	.1	.0						2.9	7.8
WSW	.6	.7	.7	.4	.0							2.5	6.7
W	.8	1.2	1.3	.6	.0							4.1	7.0
WNW	.9	1.9	1.7	.9	.1							5.5	7.1
NW	.7	1.3	1.7	1.1	.1	.0						4.9	8.3
NNW	.7	1.0	1.9	1.8	.6	.1	.0					6.2	10.2
VARBL													
CALM												13.8	
	10.9	21.6	27.1	19.8	4.8	1.7	.2	.0				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 7438

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)

94823 (STATION) K I SAWYER AFB MI (STATION NAME) 57-78 (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	2.4	3.3	5.8	.9							13.6	10.1
NNE	.6	1.4	3.7	4.2	.3	.1						10.3	10.4
NE	.2	.7	.6	.1	.1							1.4	7.7
ENE	.4	.3	.8	.1								1.7	6.2
E	.1	.9	.7	.4	.1							2.2	9.4
ESE	.4	.7	.7	.1								1.9	6.0
SE	.1	.1	.4	.3								1.0	10.3
SSE	.8	.8	1.6	.6								3.7	7.1
S	1.3	2.6	3.3	2.4								9.7	8.0
SSW	1.3	4.0	2.6	1.7								9.8	7.0
SW	.9	2.2	1.4									4.6	5.5
WSW	.8	.4	.6	.2								2.0	5.8
W	.7	1.6	.4	.1								2.8	4.9
WNW	.6	.9	.3	.1								1.9	5.2
NW	1.1	1.3	.6	.2								3.2	4.9
NNW	1.0	1.6	1.3	.9	.3	.1						5.2	7.8
VARBL													
CALM												25.0	
	11.5	21.7	22.5	17.4	1.8	.2						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 999

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94835 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (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	1.9	2.0	3.7	5.2	1.1	.2						14.4	10.3
NNE	.8	1.3	4.3	3.7	.4	.1						10.4	10.1
NE	.5	.6	1.0	.9								3.0	8.2
ENE	.4	.9	.4	.1								1.9	5.6
E	.4	.2	.3	.6								1.6	7.5
ESE	.2	.4	.4		.1							1.2	6.7
SE	.1	.3	.9	.2								1.6	5.2
SSE	.4	.8	1.1	.4								2.8	7.2
S	.9	2.2	4.2	1.6	.2							9.1	8.2
SSW	1.9	3.7	2.1	1.6								9.2	6.7
SW	1.3	1.0	1.2		.1							3.7	5.5
WSW	.1	.6	.4	.2	.1							1.4	7.7
W	1.0	1.2	1.2	.1								3.6	5.2
WNW	1.0	1.3	.4	.3	.3							3.4	5.6
NW	.2	.7	.8	.4								2.1	7.7
NNW	1.4	1.1	.9	1.7	.1							5.2	7.8
VARBL													
CALM												25.3	
	12.6	18.3	23.6	17.0	2.6	.7						100.0	6.1

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)

94830 (STATION) K I SAWYER AFB MI (STATION NAME) 55-78 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 0000-2600 (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	2.4	3.9	6.2	1.7	.7						16.6	11.0
NNE	.6	1.0	2.0	3.3	.7							8.1	10.7
NE	.3	.6	1.7	1.1								3.7	8.6
ENE	.3	1.3	1.0	.1								2.8	5.9
E	.4	1.1	.4	.3								2.3	6.3
ESE	.3	1.0	.4	.2								2.0	6.4
SE	.1	1.1	.5	.2								2.2	7.1
SSE	.3	.3	1.4	1.0								3.1	9.1
S	1.0	2.8	3.2	2.1								9.1	7.7
SSW	1.7	2.9	2.4	1.6	.2							8.8	7.4
SW	1.1	1.7	.8	.2								3.8	5.3
WSW	1.0	.8	.4	.2								2.4	5.0
W	.8	.8	1.1	.2	.3							3.2	7.3
WNW	1.1	2.0	1.1	.3	.1	.1						4.8	6.7
NW	.4	.9	.3	.2	.2							2.1	7.4
NNW	1.0	.7	1.1	.9	.4	.1						4.2	8.9
VARBL													
CALM												20.8	
	12.2	21.3	22.8	18.3	3.7	.9						100.0	6.7

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)

94855 STATION | K I SAWYER AFB MI STATION NAME | 65-78 YEARS | APR 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	1.6	4.3	8.4	4.3	1.						20.8	13.0
NNE	.5	1.6	3.7	4.7	1.0							11.4	10.9
NE	.5	1.0	1.4	2.2	.2							5.6	9.8
ENE	1.0	.4	.8	.3								2.6	6.0
E	.3	.7	1.3	.1	.1							2.6	7.6
ESE	.3	.8	.9	.3								2.4	7.5
SE	.3	1.1	1.0	.1	.2							3.2	7.2
SSE	.3	1.6	2.1	.9								4.9	7.1
S	.5	2.4	2.6	3.6	.9							10.4	9.9
SSW	.6	2.1	3.0	2.1	.6							8.3	9.3
SW	.1	1.1	2.1	.7	.1							4.1	9.4
WSW	.1	1.0	1.6	.3								3.0	7.6
W	.3	.9	1.8	1.4	.3							4.8	9.3
WNW	.2	1.1	1.1	.8	.1							3.3	8.7
NW	.2	.2	.8	1.6	.4							3.2	12.1
NNW	.3	.6	.9	1.1	.4	.1						3.4	11.0
VARBL													
CALM												5.9	
	7.0	18.8	29.3	29.0	8.8	1.2						100.0	9.6

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 63-78 (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	.7	.9	4.8	9.9	4.7	.8						21.7	13.4
NNE	.3	2.0	6.3	6.3	1.0							16.0	10.6
NE	.3	1.7	1.8	1.7	.2							5.7	8.9
ENE	.2	.8	.3	.3								1.7	7.0
E	.8	.9	.6	.1	.1							2.7	6.2
ESE	.4	.3	.8	.6								2.1	7.9
SE	.3	.6	1.4	.4								2.8	7.6
SSE	.6	1.3	1.2	2.0								5.1	9.1
S	.4	2.9	4.9	5.3	1.1	.2						14.9	10.5
SSW	.6	.8	1.8	1.2	.8	.1						5.2	10.4
SW	.1	.7	1.2	.3	.1							2.4	8.5
WSW	.2	.4	.9	.4	.2							2.2	9.3
W	.4	.8	1.6	1.1	.2							4.1	9.1
WNW	.1	.4	.7	1.0								2.2	10.0
NW		.1	.9	1.6	.4							3.0	12.7
NNW			1.3	2.7	.4	.6						5.0	13.8
VARBL													
CALM												3.2	
	5.6	14.6	30.3	35.0	9.3	1.7						100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 [illegible] 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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 59-78 (YEARS) APR (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	2.2	5.2	11.0	4.1	.3						23.0	12.9
NNE		1.1	5.9	10.8	1.1	.2						19.1	11.9
NE	.2	1.7	6.0	2.0	.2							10.7	9.1
ENE	.7	1.0	1.1	.2								3.0	6.4
E	.4	1.1	1.0	.6								3.1	7.3
ESE	.1	.6	.3	.2								1.2	7.3
SE	.1	.6	1.2									1.9	7.6
SSE		.7	2.4	2.1	.3							5.6	10.7
S	.2	1.4	3.7	5.4	.3	.3						11.3	11.3
SSW	.1	.9	1.4	1.6	.7	.2						4.9	11.3
SW	.2	.3	1.0	.7								2.2	9.0
WSW		.2	1.3	.4		.1						2.1	10.0
W	.1	.1	1.2	.9	.2	.1						2.7	11.5
WNW		.1	.7	1.2								2.0	11.9
NW	.2		.4	1.1	.1							1.9	11.9
NNW		.4	.8	1.6	.6	.4						3.8	13.3
VARBL													
CALM												1.6	
	2.6	12.4	34.3	39.8	7.7	1.7						100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (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	1.2	4.3	5.2	9.4	2.0	.9						23.1	10.9
NNE	1.3	4.4	6.2	5.2	.4							19.7	8.7
NE	.3	3.7	4.3	.7	.1	.1						9.2	7.7
ENE	1.2	2.6	.6	.1								4.4	4.6
E	.4	1.7	.6	.4	.1							3.2	7.4
ESE	.1	.3	.8	.1								1.3	7.6
SE	.4	.3	.8	.1								1.7	6.3
SSE	.4	1.4	1.6	1.8	.1							5.3	8.7
S	.9	2.6	4.9	4.3	.6							13.2	9.6
SSW	.2	.4	.9	1.0								2.6	9.6
SW	.1	.2	.4	.2								1.0	7.8
WSW	.1	.3	.1	.1								.7	5.8
W	.4	.1	.9	1.8								3.2	10.1
WNW		.4	.9	.2	.1							1.7	9.1
NW		.2	.4	1.0	.3							2.0	11.9
NNW	.4	.8	1.3	1.2	.2							4.0	9.4
VARBL													
CALM												3.7	
	7.8	23.9	31.9	27.8	4.0	1.0						100.0	8.8

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)

94830 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (YEARS) APR (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	3.9	4.7	4.7	5.3	.8							19.3	8.1
NNE	.6	2.3	2.1	2.2	.8	.1						8.1	9.6
NE	.6	.9	.8	.7	.2							3.1	6.0
ENE	.7	.8	.1									1.6	3.9
E	.8	1.0	.9	.6	.1							3.3	7.1
ESE	.3	.3	.8	.1								1.6	6.9
SE	.1	.6	.6	.6								1.8	8.4
SSE	.6	.9	1.0		.1							2.6	6.3
S	1.1	3.6	5.0	3.6	.1							13.3	8.4
SSW	1.3	2.2	2.3	1.3	.1							7.3	7.4
SW	.6	.7	.8	.3								2.3	6.5
WSW	.3	.6	.3	.2	.1							1.6	7.6
W	1.3	.1	.4	.1								2.0	4.4
WNW	.9	1.4	.1	.1								2.6	4.4
NW	1.6	1.6	.4									3.6	4.3
NNW	1.4	1.3	1.9	1.7	.4							6.8	8.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	19.2	
	16.0	22.9	22.2	16.8	2.8	.1						100.0	6.2

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (YEARS) APR (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	3.9	4.7	4.7	5.3	.8							19.3	8.1
NNE	.6	2.3	2.1	2.2	.8	.1						8.1	9.6
NE	.6	.9	.8	.7	.2							3.1	8.0
ENE	.7	.8	.1									1.6	3.9
E	.8	1.0	.9	.6	.1							3.3	7.1
ESE	.3	.3	.8	.1								1.6	6.9
SE	.1	.6	.6	.6								1.8	6.4
SSE	.6	.9	1.0		.1							2.6	6.3
S	1.1	3.6	5.0	3.6	.1							13.3	8.4
SSW	1.3	2.2	2.3	1.3	.1							7.3	7.4
SW	.6	.7	.8	.3								2.3	6.5
WSW	.3	.6	.3	.2	.1							1.6	7.6
W	1.3	.1	.4	.1								2.0	4.4
WNW	.9	1.4	.1	.1								2.6	4.4
NW	1.6	1.6	.4									3.6	4.3
NNW	1.4	1.3	1.9	1.7	.4							6.8	8.4
VARBL													
CALM												19.2	
	16.0	22.9	22.2	16.8	2.8	.1						100.0	6.2

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)

94826 (STATION) K I SAWYER AFB MI (STATION NAME) 69-76 (YEARS) APR (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	2.6	4.4	7.7	2.4	.5						19.1	11.4
NNE	.6	1.9	4.6	5.1	.7	.1						12.9	10.4
NE	.4	1.3	2.3	1.2	.1	.0						5.3	9.6
ENE	.6	1.0	.6	.2								2.4	5.6
E	.5	.9	.8	.4	.1							2.6	7.2
ESE	.3	.6	.6	.2	.0	.0						1.7	7.1
SE	.2	.6	.9	.3	.0							2.0	7.6
SSE	.4	1.0	1.6	1.1	.1							4.1	8.6
S	.8	2.6	4.0	3.6	.4	.1						11.4	9.3
SSW	1.0	2.1	2.1	1.5	.3	.0						7.0	8.2
SW	.6	1.0	1.1	.3	.0							3.0	6.8
WSW	.3	.5	.7	.3	.1	.0						1.9	7.4
W	.6	.7	1.1	.7	.1	.0						3.3	8.0
WNW	.5	1.0	.7	.5	.1	.0						2.7	7.6
NW	.5	.6	.6	.6	.2							2.6	8.8
NNW	.7	.8	1.2	1.5	.4	.2						4.7	9.9
VARBL													
CALM												13.1	
	9.4	19.2	27.2	25.1	5.1	.9						100.0	8.1

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 60-78 (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	3.2	4.1	4.0	4.1	1.6	.6						17.6	9.0
NNE	1.0	2.0	2.6	.7								6.5	7.0
NE	.5	.5										1.1	3.9
ENE	.1	.4	.1	.1								.8	6.7
E	.4	1.1	.4									1.9	4.8
ESE		.5	.2									.8	5.4
SE	.3	.2	.3									.9	5.1
SSE	.3	1.5	.5	.2								2.6	5.7
S	.9	4.0	4.1	1.6	.1							10.6	7.6
SSW	1.9	6.5	2.9	1.5	.1							12.9	6.5
SW	1.7	1.5	.8	.8	.1							4.8	6.1
WSW	1.4	.6	.3									2.4	3.5
W	1.2	1.1	1.0									3.2	4.7
WNW	1.4	1.2	.1	.2	.1							3.1	5.1
NW	1.0	.9	.6									2.5	4.3
NNW	1.6	.3	.6	.1								2.7	4.3
VARBL													
CALM												25.7	
	17.0	26.5	18.6	9.6	2.0	.6						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 55-76 (YEARS) MAY (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	2.6	4.2	4.6	4.6	1.3	.2						17.5	9.0
NNE	.8	2.3	2.3	1.2	.1							6.6	7.5
NE	.6	1.2	.4	.1								2.4	5.2
ENE	1.1	.8	.3									2.2	4.3
E	.3	.8	.5									1.6	5.6
ESE	.5	.1										.6	2.5
SE	.1	.3	.2	.2								.9	6.8
SSE	.3	.3	.5	.1								1.3	5.9
S	.9	3.7	3.7	1.4								9.6	7.3
SSW	2.3	6.0	2.5	.5	.3							11.6	5.8
SW	1.6	1.4	.8	.4								4.2	5.5
WSW	1.5	.9	.4	.1								2.9	4.3
W	1.3	.9	.4	.2								2.8	4.8
WNW	1.2	1.4	.5	.3								3.4	5.4
NW	.8	.9	.2	.1								1.9	4.4
NNW	1.7	.6	.5	.1		.1						3.1	5.1
VARBL													
CALM												27.4	
	17.5	25.6	13.0	9.5	1.7	.3						100.0	4.8

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)

94836 (STATION) K I SA YFK AFB MI (STATION NAME) 59-78 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0000-0800 (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	3.9	6.2	4.7	1.6							17.6	9.7
NNE	1.0	3.1	3.7	1.7	.3	.1						9.9	8.2
NE	.8	1.1	.8									2.6	5.4
ENE	.4	1.3	.4									2.2	5.0
E	.5	1.0	.6									2.2	5.4
ESE	.2	.4	.5	.2								1.4	7.7
SE		.2	.8	.2								1.2	8.6
SSE	.3	.9	.4	.5								2.2	7.5
S	.9	2.8	3.2	1.7	.1							8.7	7.9
SSW	1.9	4.4	3.5	1.4	.2							11.5	6.8
SW	2.0	1.8	1.1	.9								5.8	5.6
WSW	1.0	1.5	1.0									3.4	4.9
W	1.3	1.2	.9	.1								3.4	5.0
WNW	.8	1.2	.9	.3								3.1	5.7
NW	1.2	1.1	.4	.3								3.0	5.3
NNW	.9	1.0	1.3	1.3								4.4	8.2
VARBL													
CALM												17.4	
	14.3	26.8	25.7	13.4	2.3	.1						100.0	6.1

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)

94834 (STATION) K I SAWYER AFB MI (STATION NAME) 5?-78 (YEARS) MAY (MONTH)

ALL W'. THR (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	2.5	4.6	6.1	2.2	.4						16.3	11.8
NNE	.9	3.3	6.9	2.4	.8	.2						14.4	8.9
NE	.6	3.1	2.0	.6								6.5	6.6
ENE	1.4	1.2	.5	.1								3.2	4.5
E	.6	1.1	.4	.2								2.4	5.6
ESE	.5	.3	.6									1.5	5.4
SE	.1	.8	.6	.5	.1							2.2	8.7
SSE	.9	.5	1.2	.4	.1							3.1	7.4
S	.5	3.0	5.7	2.8	.8							12.8	9.2
SSW	.4	2.4	3.2	1.9	.6							8.6	9.1
SW	.1	1.5	2.3	1.0	.1							4.9	8.5
WSW	.6	.9	1.2	1.0								3.7	7.8
W	.8	.9	1.0	.5								3.8	7.2
WNW	.5	.5	1.7	.6								3.4	8.0
NW	.3	1.1	2.0	.9	.1							4.4	8.6
NNW	.1	.8	1.6	1.7	.4							4.6	10.5
VARBL													
CALM												4.2	
	9.0	23.8	36.3	20.9	5.2	.8						100.0	8.5

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)

94834 (STATION) K I SAWYER AFB MI (STATION NAME) 54-78 (YEARS) MAY (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	4.6	7.0	2.0	.6						16.0	12.6
NNE	.2	3.2	7.2	7.0	1.0							18.6	10.5
NE	.3	2.6	4.8	2.6	.2							10.5	8.7
ENE	.0	1.6	1.4	.3								4.0	6.5
E	.5	1.2	.6	.3								2.7	6.2
ESE	.1	.5	1.1									1.7	6.8
SE	.2	.4	1.1									1.7	7.5
SSE	.3	1.1	2.0	1.8	.1							5.4	9.6
S	.4	2.3	5.7	4.4	1.4							14.0	10.5
SSW	.3	1.4	2.2	1.1	.9							5.8	9.9
SW	.1	.3	1.6	1.4	.1							3.5	10.3
WSW	.1	.3	1.4	.8	.1							2.7	10.1
W	.3	.5	1.2	.3		.1						2.5	8.3
WNW	.1	.5	1.6	.3	.1							2.7	8.9
NW	.2	.1	1.3	1.0	.1							2.7	10.0
NNW	.3	.6	1.3	1.4	.3							4.0	10.3
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	1.5	
	4.7	18.0	39.1	29.5	6.3	.9						100.0	9.9

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)

94830 (STATION) K I SA-YEK AFB AK (STATION NAME) 67-78 (YEARS) MAY (MONTH)

ALL AF, THR- (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	.9	4.8	7.3	2.0	.5						15.8	12.8
NNE	.5	3.2	9.7	11.7	1.1							26.2	10.5
NE	.4	1.5	5.8	2.4								10.1	9.0
ENE	.3	1.0	1.9	.4								3.7	7.5
E	.3	.9	.8									1.9	5.8
ESE	.2	.5	.2	.3								1.3	6.7
SE		.5	.9	.1								1.5	7.5
SSE	.1	.6	2.7	3.3	.6							7.4	11.2
S	.3	1.1	3.9	4.2	2.2	.6						12.3	12.2
SSW	.5	.2	1.2	1.1	.3	.3						3.7	11.4
SW	.1	.6	1.0	1.0	.3	.1						3.1	11.0
WSW	.1	.8	1.0	1.2	.2							3.2	10.1
W	.1	.1	1.2	.4								1.8	9.0
WNW	.2	.3	.8	.6								1.9	9.2
NW		.3	1.1	.9	.4							2.7	11.4
NNW		.1	.8	1.1	.4							2.4	12.9
VARBL													
CALM												1.0	
	3.4	12.7	37.5	36.0	7.6	1.7						100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (01-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)

94834 (STATION) K I SAWYER AFB MI (STATION NAME) 55-78 (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	1.2	2.6	6.8	4.3	1.1	.3						16.7	10.3
NNE	1.3	5.8	9.9	2.5	.2	.1						20.2	8.2
NE	1.0	3.7	4.8	1.4								10.9	7.2
ENE	.9	2.2	1.3	.1								4.4	5.5
E	1.1	2.0	1.1	.1								4.6	5.1
ESE		.9	.3									1.2	5.5
SE	.8	1.0	.6	.1								2.5	5.6
SSE	.6	2.7	4.1	2.8								10.2	8.4
S	.2	1.4	4.1	6.1	1.1	.1						13.0	11.4
SSW		.6	1.0	.3								1.9	8.2
SW	.2	.1	.6	.8	.8	.3						2.8	14.1
WSW		.1	.5	.3								1.0	9.8
W	.4	.3	.3	.2								1.3	6.7
WNW	.1	.2	1.0	.4								1.7	8.8
NW		.8	.4	1.1	.1							2.4	9.8
NNW	.3	.4	.9	1.0	.2	.1						2.9	10.3
VARBL													
CALM												7.4	
	8.4	24.7	37.7	21.6	3.8	1.4						100.0	8.6

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)

94830 — STATION
K I SAWYER AFB MI — STATION NAME
65-78 — YEARS
MAY — MONTH
ALL WEATHER — CLASS
2100-2300 — HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	5.2	4.9	3.4	3.2	.6	1.						18.4	7.6
NNE	1.9	1.9	1.3	1.0								6.7	6.2
NE	.6	1.3	.3	.1								2.4	5.0
ENE	1.0	.9	.1									1.9	3.9
E	.9	1.3	.2									2.4	4.3
ESE	.1	.8	.1	.2								1.2	6.5
SE	.4	1.2	.4	.2								2.3	5.6
SSE	.6	3.2	1.0	.1								5.6	5.5
S	1.1	4.1	5.8	3.3	.5							14.8	8.5
SSW	1.1	3.4	2.3	1.1		.1						8.0	7.0
SW	.5	.9	.2	.6								2.3	7.3
WSW	.4	.6										1.1	4.0
W	1.6	.3										1.9	2.6
WNW	1.0	1.2	.2	.2	.1							2.7	5.6
NW	.4	.8	.6	.1	.1							2.0	6.6
NNW	1.2	1.0	.4	.9	.3	.1						3.9	7.5
VARBL													
CALM												22.6	
	18.1	27.7	17.6	11.1	1.7	1.2						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

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

AL CLIMATOLOGY BRANCH
TAC
EATHER SERVICE/MAC

SURFACE WINDS

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

94834 (STATION) K I SAWYER AFB MI (STATION NAME) 65-78 (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	1.8	3.0	4.9	5.2	1.6	.6						17.0	10.3
NNE	.9	3.1	5.5	3.5	.5	.1						13.6	9.0
NE	.6	1.9	2.4	.9	.0							5.8	7.5
ENE	.7	1.2	.8	.1								2.8	5.6
E	.6	1.2	.6	.1								2.5	5.3
ESE	.2	.5	.4	.1								1.2	6.1
SE	.2	.6	.6	.2	.0							1.6	6.9
SSE	.4	1.4	1.6	1.2	.1							4.7	8.3
S	.6	2.8	4.5	3.2	.8	.1						12.0	9.5
SSW	1.1	3.1	2.3	1.1	.3	.1						8.0	7.5
SW	.8	1.0	1.0	.6	.2	.1						3.9	8.1
WSW	.6	.7	.7	.4	.0							2.5	6.9
W	.9	.7	.8	.2		.0						2.6	6.0
WNW	.7	.8	.8	.4	.0							2.8	6.8
NW	.5	.7	.8	.5	.1							2.7	7.7
NNW	.8	.6	.9	.9	.2	.0						3.5	8.7
VARBL													
CALM												12.8	
	11.6	23.2	28.8	18.9	3.8	.9						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 7440

USAFETAC FORM JUL 64 0- (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)

9483 (STATION) K I SAWYER AFB MI (STATION NAME) 65-78 (YEARS) JUL (MONTH)

ALL OF THE (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	2.6	3.0	2.3	1.9	.1							9.9	6.9
NNE	1.0	1.2	1.6	.4								4.2	6.5
NE	.7	.4	.2									1.3	4.4
ENE	.4	.3										.8	3.3
E	.1	.3										.4	3.8
ESE	.1	.9	.1									1.1	4.4
SE		.6	.6	.1								1.2	7.2
SSE	.6	1.7	.8	.1								3.1	5.6
S	2.4	4.0	4.2	2.2	.4							13.3	7.3
SSW	3.0	6.1	4.3	.6	.1							14.1	5.7
SW	2.2	1.9	1.1	.3								5.6	5.2
WSW	1.8	1.1	.3									3.2	3.8
W	3.4	1.6	.6	.1								5.7	3.8
WNW	1.0	.3	.6									1.9	4.6
NW	1.1	.7	.3	.2								2.3	4.8
NNW	1.1	1.0	1.0									3.1	5.1
VARBL													
CALM												28.7	
	21.6	25.1	18.0	6.0	.7							100.0	4.1

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 67-78 (YEARS) JUL (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	3.1	2.7	2.3	.2							9.6	7.8
NNE	.4	1.7	1.7	.6								4.3	7.2
NE	.4	.9	.1									1.4	4.1
ENE	.3	.2										.6	3.8
E	.3	.7	.3									1.3	5.1
ESE	.2	.3	.1									.7	4.7
SE		.2	.2									.4	6.8
SSE	.1	1.3	1.1	.3	.1							3.0	7.9
S	1.7	4.3	2.9	1.6								10.4	7.0
SSW	3.1	6.3	3.8	1.6								14.8	6.1
SW	1.4	3.0	1.6									6.0	5.2
WSW	2.2	1.3	.8									4.3	4.1
W	1.9	2.1	.8									4.8	4.4
WNW	1.2	1.7	.6	.1	.1							3.7	5.2
NW	1.0	.7	.3		.1							2.1	4.9
NNW	.2	.4	.7	.4								1.8	7.6
VARBL													
CALM												30.8	
	15.9	27.3	17.6	6.9	.6							100.0	4.3

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 57-78 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0000-0800 (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	3.0	3.7	.2							11.9	8.1
NNE	.4	2.3	1.6	1.0								5.3	7.2
NE	.6	.6	.2	.1								1.4	5.0
ENE		.6		.1								.7	5.8
E	.2	.7										.9	4.6
ESE	.2	.1	.3									.7	6.2
SE		.3	.3									.7	6.5
SSE		.9	1.8									2.7	7.5
S	1.0	3.5	4.8	1.4	.2							10.9	7.6
SSW	2.1	6.1	5.7	2.0	.1							16.0	7.2
SW	.9	2.1	3.8	.2								7.0	6.9
WSW	1.2	1.8	1.9	.1								5.0	5.7
W	1.9	3.2	2.7	.1								7.9	5.7
WNW	1.0	1.6	1.3	.4								4.3	6.3
NW	.9	1.1	1.1	.2	.1							3.5	6.4
NNW	.8	.9	1.8	.1								3.6	6.5
VARBL													
CALM												17.5	
	13.1	28.8	30.3	9.6	.7							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 898

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

94836 KAUAI-YEK AFB HI 67-78 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	.6	1.1	2.2	4.7	.7	.2						9.5	11.3
NNE	1.3	2.4	3.4	2.6	.1							9.9	8.2
NE	1.0	1.7	2.0									4.7	5.8
ENE	1.1	.6	1.1									3.0	5.0
E	.9	1.1	.4	.1								2.6	4.8
ESE		.3	.6									.9	7.4
SE	.2	1.0	.7	.1								2.0	6.1
SSE	.8	1.1	2.1	1.1								5.1	7.9
S	.9	2.2	4.9	4.0	.3	.1						12.5	9.7
SSW	.9	1.2	5.3	4.8	.8	.1						13.1	10.3
SW	.4	.9	2.4	1.7	.1							5.6	9.0
WSW	1.0	1.3	3.4	1.7								7.5	8.1
W	.9	3.0	3.9	.7								8.5	7.0
WNW	.4	.8	2.3	1.2	.1							4.9	8.8
NW	.2	.7	1.6	.9	.2							3.6	9.2
NNW	.2	.8	1.2	1.2	.2							3.7	9.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	3.2	
	10.2	20.5	37.7	24.7	2.6	.4						100.0	8.4

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)

94863 STATION | K I SAWYER AFB MI STATION NAME | 53-78 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	.3	.6	2.2	4.7	1.1							8.9	12.1
NNE	.6	2.2	5.7	5.0	.1							13.6	9.5
NE	.4	1.8	6.0	1.7								9.9	8.4
ENE		1.6	2.4									4.0	7.1
E	.3	1.4	.9	.1								2.8	6.0
ESE	.4	1.1	.4									2.0	5.3
SE	.2	.8	1.0	.2								2.2	7.2
SSE	.2	1.2	2.2	1.4	.4							5.6	9.7
S	.4	1.9	4.2	5.6	1.0	.1						13.2	10.9
SSW	.3	.8	4.1	3.7	.9	.2						10.0	11.2
SW	.3	.8	2.6	2.8	.4							6.9	10.4
WSW	.6	.6	1.6	2.2	.2							5.1	9.8
W	.3	.8	1.9	1.0								4.0	8.8
WNW	.3	.3	1.7	1.8	.2							4.3	10.3
NW	.2	.4	1.6	1.0								3.2	9.6
NNW		.3	1.4	1.1								2.9	10.1
VARBL													
CALM												1.4	
	5.1	16.6	39.9	32.2	4.4	.3						100.0	9.6

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

2

SURFACE WINDS

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

94830 (STATION) K I SAWYER AFB MI (STATION NAME) 57-78 (YEARS) JUN (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	.2	1.2	3.9	3.8	1.6							10.7	11.5
NNE	.6	3.0	9.7	4.6	.3							18.1	9.4
NE	.6	2.8	8.7	2.0								14.0	8.2
ENE	.3	1.8	2.6	.3								5.0	6.8
E	.4	1.4	.9	.1								2.9	5.8
ESE	.6	.6	.2									1.3	4.3
SE	.2	.4	.8									1.4	6.7
SSE		1.1	2.4	1.6								5.1	9.2
S	.1	.9	4.9	7.3	1.1	.2						14.6	11.9
SSW	.3	.3	2.6	3.6	1.1							7.9	11.6
SW	.1	.2	.8	2.7	.6							4.3	12.9
WSW	.1	.7	1.3	1.1	.1							3.3	10.0
W	.1	.3	.8	1.2								2.4	10.0
WNW		.3	1.3	1.0	.1							2.8	10.8
NW		.3	.8	1.6	.2							2.9	11.0
NNW	.1	.0	1.0	.9	.1	.1						2.8	10.6
VARBL													
CALM												.4	
	3.8	16.0	42.6	31.7	5.2	.3						100.0	9.9

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)

94834 (STATION) K I SAWYER AFB MI (STATION NAME) 73-78 (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	.8	2.6	4.5	3.6	.7							12.1	9.6
NNE	.7	5.6	7.7	1.6								15.5	7.4
NE	1.2	4.1	5.9	.1								11.4	6.5
ENE	.8	3.0	1.3	.1								5.2	5.4
E	1.9	2.7	1.1									5.7	4.7
ESE	.6	.6	.2									1.3	4.4
SE	.1	1.3	.6	.1								2.3	6.3
SSE	.3	1.2	4.2	1.7								7.5	8.8
S	.3	1.6	6.5	4.9	.6							13.8	10.1
SSW	.1	.4	2.6	2.2	.1							5.5	10.8
SW	.1	1.0	1.0	1.2	.3							3.7	10.1
WSW	.1	1.1	.8	.6		.2						2.8	8.9
W	.4	.9	1.2	.1								2.7	6.6
WNW	.1	.8	.9	1.2								3.0	9.6
NW	.2	.4	.7	.6	.1							2.0	8.9
NNW	.2	.6	1.0	.6	.1							2.5	8.8
VARBL													
CALM												3.0	
	8.0	27.9	40.4	18.5	1.9	.2						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 896

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)

94863 — STATION
K I SAWYER AFB MI — STATION NAME
65-78 — YEARS
JUL — MONTH
ALL AIRCRAFT — CLASS
2100-2300 — HOUR (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	3.4	2.9	2.2	.2							12.9	6.4
NNE	1.8	2.0	.7	.1								4.6	4.5
NE	.9	.6	.3									1.8	4.4
ENE	.8	.6	.1									1.4	3.6
E	1.3	1.1										2.4	3.3
ESE	.7	1.0	.2									1.9	4.0
SE	1.8	1.2	.4	.1								3.6	4.3
SSE	1.2	2.4	1.2	.2								5.1	5.6
S	2.4	4.6	7.3	4.0	.1							18.5	7.7
SSW	1.9	3.1	2.2	.9		.1						8.2	6.5
SW	1.7	1.7	.7	.6								4.6	5.2
WSW	1.2	1.1	.1									2.4	3.6
W	1.0	.8	.7	.3								2.8	5.5
WNW	.6	1.1	.1	.2								2.0	4.9
NW	1.1	.8	.4	.2								2.6	5.0
NNW	.9	1.1	1.8									3.8	6.1
VARBL													
CALM												21.5	
	23.4	26.6	19.2	8.9	.3	.1						100.0	4.7

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)

94894 (STATION) K I SAWYER AFB MI (STATION NAME) 67-78 (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	1.5	2.3	3.0	3.4	.6	.0						10.7	9.1
NNE	.8	2.6	4.0	2.0	.1							9.4	8.1
NE	.7	1.6	2.9	.5								5.7	7.1
ENE	.5	1.1	.9	.1								2.6	5.8
E	.7	1.2	.5	.0								2.4	4.9
ESE	.3	.6	.3									1.2	4.9
SE	.3	.7	.6	.1								1.7	6.0
SSE	.4	1.4	2.0	.8	.1							4.6	8.0
S	1.2	2.9	5.0	3.9	.5	.1						13.4	9.1
SSW	1.5	3.1	3.8	2.4	.4	.1						11.2	8.2
SW	.9	1.4	1.7	1.2	.2							5.5	8.0
WSW	1.0	1.1	1.3	.7	.0	.0						4.2	7.0
W	1.3	1.6	1.6	.4								4.8	6.2
WNW	.6	.9	1.1	.8	.1							3.4	7.9
NW	.6	.6	.8	.6	.1							2.8	7.7
NNW	.4	.7	1.2	.5	.1	.0						3.0	7.9
VARBL													
CALM												13.3	
	12.7	23.7	30.7	17.3	2.0	.2						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 7192

USAFETAC FORM 0-9-5 (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)

94826 (STATION) K I SAWYER AFB MI (STATION NAME) 73-78 (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	3.6	2.2	2.0	1.0	.2							8.9	5.9
NNE	.9	1.9	.5	.2								3.6	5.2
NE	.3	.1										.4	3.3
ENE	.1											.1	3.0
E	.2	.4	.2									.9	4.9
ESE	.2		.2									.4	4.8
SE	.1	.3	.5									1.0	6.6
SSE	.9	.9	.1									1.8	3.8
S	.9	2.7	3.8	1.2	.2							8.7	7.7
SSW	3.0	5.7	6.4	.8	.1							15.9	6.3
SW	2.0	2.5	2.4	.5								7.4	5.8
WSW	1.2	1.7	1.1									4.0	5.3
W	3.1	1.4	.8	.3								5.6	4.3
WNW	1.8	1.6	.3									3.8	3.6
NW	1.9	1.8	.3									4.1	3.7
NNW	1.2	.6	1.0	.2								3.0	5.5
VARBL													
CALM												30.4	
	21.4	23.9	19.6	4.2	.5							100.0	3.9

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)

94826 STATION | K I SAWYER AFB MI STATION NAME | 54-78 YEARS | JUL MONTH

ALL AIR TEMP 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	1.9	3.1	3.1	1.3	.3							9.8	7.0
NNE	.0	1.0	.4	.1								2.2	5.1
NE		.3										.3	4.7
ENE	.2											.2	3.0
E	.4	.1										.5	2.6
ESE		.2	.1									.3	6.3
SE	.2	.1	.1									.4	3.8
SSE	.5	.8	.3									1.6	5.1
S	1.1	3.3	3.3	1.1								8.9	6.9
SSW	3.1	5.0	5.6	.3								14.0	5.9
SW	1.8	2.7	1.7	.9								7.1	5.9
WSW	.8	1.5	1.7									4.0	5.7
W	3.7	1.7	1.0	.1								6.5	4.1
WNW	3.0	1.6	.1									4.8	3.1
NW	1.4	.8	.1									2.3	3.5
NNW	.4	2.3	1.1	.1								3.9	5.8
VARBL													
CALM												33.2	
	19.3	24.5	18.8	3.9	.3							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 926

USAFETAC FORM JUL 64 0-9-5 (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)

94834 (STATION) KISAYER AFB NI (STATION NAME) 67-78 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

0900-0800 (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	3.0	4.0	3.3	.1							11.6	8.3
NNE	.6	1.4	1.7	.2								4.1	6.1
NE	.2	.4	.2									.9	4.5
ENE	.3	.4										.8	3.9
E	.5	.1	.1									.8	3.0
ESE	.1	.3	.2									.6	4.8
SE	.3	.2	.4									1.0	5.7
SSE	.2	.2	.6	.4								1.5	7.6
S	1.3	3.0	4.0	1.1								9.4	7.1
SSW	2.6	2.4	5.9	2.6								13.4	7.6
SW	1.6	2.4	1.9	.5								6.5	5.7
WSW	2.4	3.3	1.4									7.1	4.7
W	2.9	3.2	2.3	.2								8.6	5.1
WNW	1.4	1.9	1.0									4.3	4.8
NW	1.2	.4	1.1	.1								2.8	5.5
NNW	1.2	1.7	1.1	.1								4.1	5.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	27.7	
	18.2	24.5	25.9	8.6	.1							100.0	4.9

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)

94839 (STATION) K I SAWYER AFB MI (STATION NAME) 66-78 (YEARS) JUL (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	4.0	4.3	.5							11.1	10.3
NNE	.5	3.0	4.0	1.6								9.1	7.8
NE	.6	1.8	2.5	.2								5.2	6.6
ENE	.3	1.9	1.0									3.2	5.7
E	.6	1.0	.5									2.2	4.4
ESE	.5	.9	.1									1.5	4.4
SE	.3	.4	.2	.1								1.1	5.4
SSE	.3	.4	.9	.8								2.4	6.1
S	1.3	2.0	3.9	2.0	.6							9.9	8.7
SSW	.8	1.7	5.1	5.3	.8							13.5	10.3
SW	.5	2.0	3.1	1.7	.1							7.5	8.4
WSW	.3	2.0	2.9	1.1	.2							6.6	8.0
W	.9	3.0	2.8	1.6	.1							8.4	7.9
WNW	.2	2.5	2.7	1.4		.1						6.9	8.4
NW	.0	.5	1.6	.8								3.4	7.7
NNW	.3	1.0	1.7	.1								3.1	4.9
VARBL													
CALM												4.9	
	8.8	26.0	36.9	20.9	2.4	.1						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-9-5 (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)

9483- STATION | K I SAWYER AFB MI STATION NAME | 63-78 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	.5	1.3	3.1	3.2	.9	.1						9.2	10.7
NNE	.5	3.1	6.4	4.2	.1							14.3	9.2
NE	.8	1.6	5.5	1.1								9.0	8.2
ENE	.3	1.6	1.7									3.7	6.3
E	.3	1.3	.5									2.2	5.3
ESE	.5	.9	.5									1.9	5.3
SE	.3	1.0	1.0	.3								2.6	6.7
SSE	.5	.6	1.3	.8	.1							3.3	8.4
S	.5	1.4	2.3	3.5	.8							8.4	10.4
SSW	.5	1.1	3.7	5.2	1.8							12.3	11.7
SW	.5	1.1	3.3	1.5	.3							6.8	8.8
WSW	.6	1.4	3.1	1.6								7.0	8.8
W	.5	1.6	2.8	2.0								7.0	8.8
WNW	.2	.9	2.7	2.5								6.3	10.1
NW		.3	1.1	.9								2.3	9.9
NNW		.6	.6	.6								1.9	9.2
VARBL													
CALM												1.8	
	6.9	19.8	39.7	27.6	4.0	.1						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94834 (STATION) K I SAWYER AFB MI (STATION NAME) 59-78 (YEARS) JUL (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	.3	.9	2.3	3.6	1.1							8.1	11.6
NNE		1.9	12.7	4.1								18.7	9.3
NE	.2	2.7	8.1	1.8								12.8	8.5
ENE	.6	2.8	1.8	.1								5.4	6.2
E	.1	1.3	.3	.1								1.8	5.9
ESE	.2	.4	.2	.2								1.1	7.1
SE	.1	1.0	.9	.2								2.2	7.0
SSE	.1	.3	1.4	1.0								2.8	9.9
S	.4	.9	2.8	3.8	.5	.1						8.5	10.7
SSW	.4	1.1	3.9	5.2	1.4							11.9	11.6
SW		1.0	2.7	1.7	.2							5.6	10.0
WSW	.1	1.1	2.6	2.0	.1							5.9	9.7
W	.2	.8	2.2	.9	.1							4.1	9.2
WNW	.2	.3	1.5	2.6	.2	.1						5.0	11.5
NW		.3	1.0	1.0		.1						2.4	11.0
NNW		.3	1.3	.6	.2							2.6	10.4
VARBL													
CALM												1.2	
	3.1	17.0	45.5	29.0	3.9	.3						100.0	9.6

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)

94846 STATION | K I SAWYER AFB MI STATION NAME | 64-78 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	1.5	2.7	4.5	3.0	.3							12.1	8.3
NNE	1.5	5.1	6.2	1.8		.1						14.7	7.3
NE	2.7	4.3	3.0	.2								10.2	5.4
ENE	.5	3.7	1.4	.1								5.7	5.4
E	1.3	1.5	.3									3.1	4.0
ESE	.4	.8	.2									1.4	4.5
SE	.4	.1	.9									1.4	5.8
SSE	.1	.9	2.4	.8								4.1	8.3
S	.4	.8	6.5	4.8	.3							12.8	10.5
SSW	.5	1.3	3.0	4.0	.4							9.3	10.2
SW	.6	1.0	1.6	1.6								4.8	8.3
WSW	.1	.8	1.7	.6								3.2	8.1
W	.4	.9	1.2	.4								2.9	7.0
WNW	.2	1.3	1.5	1.1								4.1	9.6
NW	.5	.4	1.6	.4	.1							3.1	8.1
NNW		.9	1.6	.9	.4							3.8	10.1
VARBL													
CALM												3.2	
	11.4	26.2	37.7	19.8	1.6	.1						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 929

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (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	4.0	3.2	2.6	1.3	.1							11.2	5.7
NNE	.9	1.5	1.4	.1								3.9	5.7
NE	1.0	.9	.5									2.4	4.2
ENE	.8	.3	.1									1.2	3.4
E	1.2	.5										1.7	2.9
ESE	.3	.5	.1									1.0	4.0
SE	.4	.8	.1									1.3	4.0
SSE	.6	.9	1.1	.1								2.7	6.1
S	2.3	4.6	5.6	3.5								16.0	7.4
SSW	1.4	4.2	4.7	1.7	.2							12.3	7.5
SW	1.9	1.6	1.7	.2								5.5	5.4
WSW	1.1	1.5	1.0									3.6	4.9
W	1.6	1.1	.5	.4								3.7	5.1
WNW	1.6	1.2	.6									3.5	4.3
NW	1.1	1.2	.4	.1	.1							2.9	5.2
NNW	1.4	.6	.8	.1								2.9	5.0
VARBL													
CALM												24.4	
	21.6	24.7	21.4	7.6	.4							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 927

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 55-78 (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	1.7	2.3	3.2	2.5	.4	.1						10.2	8.4
NNE	.7	2.4	4.2	1.5	.0	.0						8.8	8.0
NE	.7	1.5	2.5	.4								5.1	7.0
ENE	.4	1.3	.8	.0								2.5	5.6
E	.6	.8	.3	.0								1.6	4.3
ESE	.3	.5	.2	.0								1.0	5.1
SE	.3	.5	.5	.1								1.4	6.0
SSE	.4	.6	1.0	.5	.0							2.5	7.5
S	1.0	2.3	4.0	2.6	.3	.1						10.3	8.6
SSW	1.5	2.8	4.8	3.1	.6							12.8	8.7
SW	1.1	1.8	2.3	1.1	.1							6.4	7.3
WSW	.8	1.7	1.9	.7	.0							5.2	7.1
W	1.7	1.7	1.7	.8	.0							5.8	6.4
WNW	1.1	1.4	1.3	.9	.0	.0						4.8	7.2
NW	.8	.7	.9	.4	.0	.0						2.9	6.6
NNW	.6	1.0	1.1	.4	.1							3.2	7.1
VARBL													
CALM												15.2	
	13.8	23.3	30.7	15.2	1.7	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 7427

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94835 (STATION) K I SAWYER AFB MI (STATION NAME) 59-78 (YEARS) AUG (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	2.5	3.2	1.7	1.0								8.4	5.8
NNE	.4	1.0	.9	.3								2.6	6.7
NE	.5	.5	.3									1.4	4.4
ENE	.3		.2									.5	4.4
E	.1	.1										.2	3.5
ESE	.3											.3	1.3
SE	.2	.4	.2									.9	5.1
SSE	.3	.4	.3	.2								1.3	6.7
S	2.2	3.9	4.3	1.4	.1							11.9	6.8
SSW	2.0	6.6	5.0	1.9	.1							15.6	6.9
SW	.8	2.7	2.0	.2								5.6	6.0
WSW	.8	1.1	.2	.1								2.0	4.8
W	2.4	1.4	.4	.2								4.4	4.1
WNW	1.7	1.5	.6									3.9	4.1
NW	1.4	1.5	.1	.2								3.2	4.3
NNW	1.4	1.0	.8									3.1	4.8
VARBL													
CALM												34.6	
	17.1	25.3	17.1	5.6	.2							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 928

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)

94853 (STATION) K I SAWYER AFB MI (STATION NAME) 65-78 (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	2.2	3.3	1.9	.5								8.0	5.7
NNE	.3	1.2	1.0									2.5	6.0
NE	.2	.8										1.0	4.3
ENE	.3	.1										.4	3.0
E	.1	.1										.2	3.0
ESE	.3											.3	2.3
SE	.2	.1										.3	3.0
SSE	.2	1.1	.9									2.2	6.0
S	1.9	3.9	3.3	.9	.1							10.2	6.4
SSW	2.7	5.9	3.8	1.0	.2							13.6	6.2
SW	2.4	2.6	2.3	.3								7.6	5.3
WSW	2.3	1.1	.9									4.2	4.3
W	1.4	2.1	.5									4.0	4.3
WNW	2.3	1.2	.8		.1							4.6	4.3
NW	1.1	1.1	.2	.1								2.5	4.7
NNW	1.1	1.2	.4	.4								3.1	5.3
VARBL													
CALM												35.3	
	19.3	25.7	16.0	3.2	.4							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 926

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 59-78 (YEARS) AUG (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	2.0	2.2	4.0	1.1								9.3	6.9
NNE	.5	1.3	.9	.2								2.9	6.3
NE	.2	.4										.6	4.5
ENE	.3	.2	.3									.9	5.1
E	.3	.1										.4	2.5
ESE	.3	.2										.5	3.2
SE	.1	.5		.1								.8	5.7
SSE	.5	.9	.6									2.0	5.5
S	1.3	4.0	3.9	1.4								10.6	7.1
SSW	2.4	5.3	4.3	1.8								13.8	6.6
SW	1.6	2.6	2.4	.6								7.2	6.2
WSW	1.6	1.9	1.3	.3								5.2	5.4
W	2.8	3.2	1.2	.1								7.3	4.7
WNW	1.7	2.7	.8	.1								5.3	4.5
NW	1.3	1.8	1.1									4.2	4.8
NNW	.4	1.3	.4	.2								2.4	6.1
VARBL													
CALM												26.6	
	17.6	28.7	21.1	6.0								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 928

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)

94830 (STATION) K I SAWYER AFB MI (STATION NAME) 59-78 (YEARS) AUG (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	2.0	4.4	3.7	.1							10.8	9.2
NNE	.9	2.0	3.1	1.2								7.2	7.5
NE	.4	1.9	.8	.1								3.2	5.7
ENE	.8	.6	.1	.1								1.6	4.4
E	.8	.8	.2									1.7	4.3
ESE	.5	.6										1.2	3.3
SE	.2	.1	.2	.1								.6	6.5
SSE	.0	.5	1.1	.3								2.6	6.6
S	.6	1.6	3.7	3.0	.3							9.3	9.5
SSW	1.0	1.5	6.4	4.5	.4	.2						14.0	9.7
SW	.9	2.6	3.6	3.1	.2							10.3	8.8
WSW	1.3	2.6	3.8	1.7	.1							9.5	7.7
W	1.6	2.3	3.3	.6	.1							8.1	6.8
WNW	.3	2.7	2.2	.9		.1						6.1	7.5
NW	.6	1.9	2.4	.9	.1							5.9	7.7
NNW	.3	.6	1.7	.9	.1							3.7	8.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	4.2	
	11.4	24.5	36.8	21.2	1.5	.3						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM JUL 64 0-5-5 (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)

94855 (STATION) K I SAWYER AFB MI (STATION NAME) 55-78 (YEARS) AUG (MONTH)

ALL AF..THER (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	1.5	4.4	3.9	.1							10.3	9.3
NNE	.4	1.6	6.4	2.5	.1							11.0	8.9
NE	.5	2.6	4.0	.5								7.6	7.0
ENE	.4	.9	.9	.2								2.4	6.4
E	.2	1.5	.6	.1								2.5	5.8
ESE	.3	.3	.3									1.0	5.0
SE	.1	.3	.5	.2								1.2	7.2
SSE	.1	.8	1.1	.5								2.5	8.6
S	.5	1.4	4.1	4.4		.2						11.1	10.6
SSW	.2	1.4	3.8	4.0	1.0	.3						11.5	12.0
SW	.5	.8	4.3	3.3	.3	.2						9.5	10.5
WSW	.6	1.5	3.8	2.4	.4	.1						8.8	9.5
W	.4	1.2	2.6	1.2		.1						5.5	8.6
WNW	.4	1.3	2.5	1.8	.1							6.1	9.0
NW	.3	.9	2.0	1.0	.1							4.3	9.0
NNW	.1	.8	.9	1.3	.1							3.1	10.2
VARBL													
CALM												1.6	
	5.8	18.6	42.1	27.3	3.6	1.5						100.0	9.3

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)

94835 (STATION) K I SAWYER AFB MI (STATION NAME) 59-78 (YEARS) AUG (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	.3	.9	4.1	3.0	.4							8.7	10.2
NNE	.4	3.1	8.0	4.3								15.8	8.6
NE	.6	3.2	8.2	1.2								13.2	7.6
ENE	.5	1.8	2.6	.3								5.4	6.6
E	.1	.6	.3									1.1	5.2
ESE	.3	.6	.4									1.4	5.6
SE		.6	.5									1.2	6.6
SSE	.3	.5	1.7	.8								3.3	8.5
S	.2	1.3	2.6	6.7	.8	.5						12.1	12.3
SSW	.3	1.4	4.1	4.1	.6	.1						10.7	10.7
SW	.1	.5	2.2	2.9	.3							6.0	11.0
WSW	.4	1.3	2.4	2.2	.6	.1						7.0	10.5
W	.5	.5	1.8	1.1	.1							4.1	8.9
WNW	.1	.3	1.8	1.9								4.2	10.5
NW	.1	.2	1.1	1.4								2.8	10.7
NNW		.4	1.1	.5	.1							2.2	9.8
VARBL													
CALM												.9	
	4.6	17.5	42.8	30.4	3.0	.5						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM 0-8-5 (DL-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)

94830 K I SAWYER AFB MI 68-78 AUG

STATION STATION NAME YEARS MONTH

ALL AIR TRF. 1800-2000

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	3.3	4.0	1.0	.1							11.9	7.3
NNE	1.4	4.7	4.5	1.2								11.8	6.6
NE	2.0	5.4	3.2	.1								10.8	5.5
ENE	2.0	3.0	1.2									6.2	4.6
E	1.4	1.2	.2									2.8	3.8
ESE	.5	.4										1.0	3.3
SE	.5	1.1	.5									2.2	5.0
SSE	.5	1.0	2.3	.6								4.5	7.7
S	1.0	1.5	5.6	6.0	.4	.1						14.6	10.2
SSW	.2	1.7	3.4	2.6	.4	.2						8.6	9.9
SW	.5	.6	1.9	1.0	.1							4.2	8.6
WSW	.3	.6	1.1	.6	.1							2.8	6.3
W	1.0	.9	.9	.1	.2							3.0	5.2
WNW	.3	.8	1.7	.4								3.2	7.5
NW	.3	.8	2.2	1.1								4.3	8.7
NNW	.4	.3	1.0	.6		.1						2.5	8.7
VARBL													
CALM												5.5	
	14.6	27.3	34.3	16.4	1.4	.4						100.0	7.1

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)

94826 (STATION) K I SAWYER AFB MI (STATION NAME) 62-78 (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	3.6	3.6	2.5	.2								9.8	5.1
NNE	1.2	1.0	.6									3.2	4.6
NE	1.0	.6	.3									1.9	4.1
ENE	.2	.4	.1									.8	4.3
E	1.3	.3	.1									1.7	2.9
ESE		.4	.2									.6	5.3
SE	.8	.4	.5	.1								1.8	5.4
SSE	1.0	1.2	.9	.1								3.1	5.0
S	2.4	4.6	6.0	3.4	.5							17.0	7.9
SSW	1.3	4.4	4.8	2.5								13.0	7.6
SW	1.0	1.5	1.2	.2								3.9	5.9
WSW	1.0	.9	.1									1.9	3.6
W	2.0	.9	.4	.1								3.4	4.0
WNW	.9	1.0	.9	.1								2.8	5.5
NW	1.5	1.1	.2									2.8	3.6
NNW	1.3	1.7	.4									3.4	4.2
VARBL													
CALM												28.6	
	20.6	24.0	19.5	6.8	.5							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 928

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 59-78 (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	1.7	2.5	3.5	1.9	.1							9.7	7.6
NNE	.7	2.0	3.2	1.2	.0							7.1	7.6
NE	.7	1.9	2.1	.2								5.0	6.4
ENE	.6	.9	.7	.1								2.3	5.4
E	.5	.6	.2	.0								1.3	4.3
ESE	.3	.3	.1									.8	4.1
SE	.3	.5	.3	.1								1.1	5.7
SSE	.5	.6	1.1	.3								2.7	7.0
S	1.3	2.8	4.2	3.4	.3	.1						12.1	8.9
SSW	1.3	3.5	4.4	2.8	.5	.1						12.6	8.5
SW	1.0	1.7	2.5	1.5	.1	.0						6.8	8.0
WSW	1.0	1.4	1.7	.9	.2	.0						5.2	7.6
W	1.5	1.5	1.4	.4	.1	.0						5.0	6.1
WNW	1.0	1.4	1.4	.7	.0	.0						4.5	6.7
NW	.8	1.2	1.2	.6	.0							3.8	6.9
NNW	.6	.9	.8	.5	.0	.0						2.9	7.1
VARBL													
CALM												17.1	
	13.9	24.0	28.7	14.6	1.3	.3						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 7426

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 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	1.6	1.8	2.0	1.7		.1						7.1	7.5
NNE	.1	.9	.2	.4								1.7	7.5
NE	.3	1.2	.3	.3								2.2	5.9
ENE	.1	.3	.2									.7	5.7
E	.2	.2	.3	.2								1.0	7.3
ESE	.2	.6	.3	.2								1.3	7.0
SE	.1	.8	.4	.2								1.6	7.4
SSE	.4	1.0	1.1	1.0								3.6	8.4
S	1.4	3.3	5.1	1.9	.4							12.2	8.0
SSW	2.7	3.4	4.0	1.9								12.0	7.0
SW	1.7	2.3	1.6	.7								6.2	5.9
WSW	1.1	1.8	.9	.4								4.2	6.1
W	2.8	2.3	.7	.1								5.9	4.3
WNW	1.3	1.6	1.1	.4								4.4	5.9
NW	1.7	2.6	.9	.1								5.2	5.1
NNW	1.1	1.2	1.4	.2								4.0	5.9
VARBL													
CALM												26.7	
	16.9	25.3	20.7	9.9	.4	.1						100.0	4.9

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 59-78 (YEARS) SEP (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	.8	2.6	2.4	1.3	.2	.1						7.5	8.2
NNE	.6	1.0	1.2	.2								3.0	6.6
NE		.1	.3	.2								.7	8.8
ENE		.3		.2								.6	8.4
E	.1	.3	.4									.9	6.8
ESE	.2	.4	.2	.1								1.0	6.3
SE	.3	.3	.2									.9	4.9
SSE	.8	1.0	.9	1.4								4.1	8.1
S	.6	2.8	3.9	2.1	.3	.1						9.8	8.7
SSW	.6	4.6	4.2	2.7								12.0	7.9
SW	1.4	2.0	1.7	.4								5.6	5.9
WSW	1.1	1.9	1.3	.1								4.4	5.7
W	2.3	3.1	.7	.1	.1							6.3	4.6
WNW	1.7	2.9	1.1	.4								6.1	5.6
NW	1.1	1.6	1.6	.6								4.8	6.4
NNW	1.2	2.1	1.0	.2								4.6	5.5
VARBL													
CALM												27.8	
	12.8	27.0	21.2	10.2	.7	.2						100.0	5.0

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (YEARS) SEP (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	.9	1.7	3.9	2.1	.2	.1						8.9	8.8
NNE	.2	.8	2.1	.1								3.2	7.7
NE	.3	.2	.4									1.0	5.7
ENE	.3	.6	.3									1.2	5.7
E	.3	.6	.2									1.1	4.8
ESE	.2	.8	.3	.1								1.4	6.2
SE			.3									.3	8.3
SSE	.2	1.0	.9	1.								3.6	8.7
S	.8	1.6	4.0	2.7	.4	.1						9.6	9.8
SSW	1.7	4.3	4.6	1.9	.4							12.9	7.6
SW	1.2	2.4	1.9	.6	.1							6.2	6.6
WSW	.8	1.6	1.2	.3								3.9	6.1
W	1.7	3.2	1.9	.2								7.0	5.5
WNW	1.3	3.2	1.7	.1								6.3	5.6
NW	1.1	1.3	1.1	.7	.1							4.3	7.1
NNW	1.0	1.2	1.4	.4								4.1	6.6
VARBL													
CALM												24.9	
	12.1	24.4	26.3	10.7	1.3	.2						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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (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	1.0	2.4	5.2	3.9	.3							12.9	9.1
NNE	1.2	1.6	2.6	1.0								6.3	7.2
NE	.3	.8	.6	.4								2.1	7.1
ENE	.8	.3	.2	.1								1.4	4.2
E	.2	.7	.6									1.4	6.0
ESE	.1	.8	.8	.4								2.1	7.9
SE	.2	.4	.2	.2								1.1	6.1
SSE	.2	.7	1.0	.7	.1	.1						2.8	9.4
S	.6	1.9	2.9	5.4	1.3	.1						12.2	11.1
SSW	1.1	1.8	4.0	5.1	.7							12.7	10.1
SW	.7	2.2	3.0	2.3	.4							8.7	9.1
WSW	.7	2.1	1.6	1.4	.4							6.2	8.8
W	.6	1.7	2.8	.8	.1							5.9	7.9
WNW	.9	1.7	2.9	.6	.3							6.3	7.7
NW	.6	.7	1.3	1.8	.4							4.8	9.9
NNW	.9	1.6	3.3	2.3	.1							8.2	8.8
VARBL													
CALM												4.8	
	10.0	21.2	32.9	26.6	4.3	.2						100.0	8.5

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)

94836 STATION | K I SAWYER AFB MI STATION NAME | 59-78 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	.3	1.0	5.7	4.4	.9	.1						12.4	10.6
NNE	.6	2.8	5.8	1.6								10.7	8.2
NE	.4	1.4	2.1	.7								4.7	7.3
ENE	.3	1.7	.6	.1								2.7	5.8
E	.4	.9	.2									1.6	4.5
ESE	.3	.7	.8	.2								2.0	6.9
SE	.2	.3	.6	.1								1.2	6.6
SSE	.1	.9	.8	1.4	.1	.1						3.4	10.2
S	.2	1.2	4.0	5.2	2.6	.7						13.9	12.7
SSW	.6	1.4	3.8	5.4	1.3	.4						13.0	12.0
SW	.2	.7	2.6	1.8	.4	.1						5.8	10.3
WSW	.6	1.4	1.9	1.1	.3	.2						5.6	9.0
W	.6	1.0	3.4	1.4	.2							6.7	9.1
WNW	.1	1.1	2.2	1.9	.2							5.5	10.0
NW		.4	1.8	1.9	.2							4.3	10.6
NNW	.2	1.1	2.1	1.6	.2							5.2	9.6
VARBL													
CALM												1.3	
	5.2	18.1	38.2	28.9	6.6	1.7						100.0	9.9

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)

94850 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | SEP 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	.4	1.9	4.7	4.4	.4							11.9	10.0
NNE	.3	2.9	7.5	2.2	.1							13.0	8.6
NE	.2	3.2	5.3	.6								9.3	7.4
ENE	.2	2.1	1.2	.1								3.7	6.1
E		.8	.7	.1								1.6	6.9
ESE	.2	.3	.6	.2		.1						1.4	8.3
SE	.3	.8	.4	.3	.1							2.0	7.8
SSE	.1	.6	2.6	1.8	.4							5.5	10.7
S	.1	1.1	2.8	5.1	1.7	.6						11.3	12.9
SSW	.3	1.0	2.8	4.0	1.0	.1						9.2	11.7
SW	.1	.7	3.0	3.2	.6	.3						7.9	11.8
WSW	.1	.9	1.7	1.6		.2						4.4	10.3
W	.4	.6	1.8	1.2	.2							4.2	9.7
WNW	.2	.8	2.2	1.5	.8	.1						5.9	10.7
NW		.7	1.4	1.3	.2							3.7	10.5
NNW	.1	.6	2.0	1.2	.1							4.0	9.6
VARBL													
CALM												.9	
	3.3	18.8	40.6	29.3	5.7	1.4						100.0	9.9

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)

94836	K I SAWYER AFB MI	59-78	SEP
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	1.9	3.1	3.2	2.7	.3							11.2	7.8
NNE	1.0	4.4	4.8	1.0								11.8	6.6
NE	1.9	4.3	1.3									7.6	4.7
ENE	1.4	1.3	.2									3.0	3.7
E	.9	.9	.2									2.0	4.0
ESE	.4	.7	.6	.1								1.8	5.3
SE	.7	1.0	.4	.4	.1							2.7	6.8
SSE	.3	1.8	2.2	1.2	.2							5.8	8.6
S	.2	2.0	4.0	6.6	.9	.3						14.0	11.3
SSW	.4	1.7	3.6	2.0	.1							7.8	9.1
SW	.8	1.9	2.0	1.1								5.8	7.5
WSW	.3	1.3	.8	.2	.1	.1						2.9	7.2
W	.6	1.2	1.1	.4		.1						3.4	7.5
WNW	.4	1.0	1.8	1.4								4.7	9.0
NW	1.0	1.7	2.0	.6								5.2	6.6
NNW	.3	1.0	1.1	.9								3.3	7.6
VARBL													
CALM												7.0	
	13.2	29.4	29.4	18.7	1.8	.0						100.0	7.2

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)

94830 (STATION) K I SAWYER AFB MI (STATION NAME) 57-78 (YEARS) SEP (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	2.6	2.2	2.0								8.7	7.3
NNE	.6	.8	.9	.1	.2							2.6	7.0
NE	.6	1.3	.2	.3								2.4	5.7
ENE	1.0	.8	.2									2.0	3.9
E	.9	.3	.2	.2								1.7	5.1
ESE	1.0	.9										.9	3.5
SE	.2	1.0	1.3	.2								2.8	7.0
SSE	.4	1.3	1.0	1.0	.1							3.9	8.1
S	1.4	3.2	4.8	4.2	.8							14.4	9.0
SSW	1.4	2.7	4.0	2.2	.1							11.0	7.9
SW	.7	2.0	1.7	.6	.1							5.0	7.0
WSW	.2	1.6	.7	.1	.1							2.7	6.3
W	1.9	2.2	1.0	.3	.1							5.6	5.4
WNW	1.7	1.3	.9	.3								4.2	5.2
NW	.9	2.1	1.1	.4								4.6	6.0
NNW	.4	1.3	1.3	.4								3.6	6.6
VARBL													
CALM												23.1	
	15.2	25.4	22.1	12.6	1.6							100.0	5.4

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)

94835 (STATION) K I SAWYER AFB MI (STATION NAME) 52-78 (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	1.1	2.1	3.7	2.8	.3	.1						10.1	8.8
NNE	.6	1.9	3.1	.8	.0							6.5	7.6
NE	.5	1.6	1.3	.3								3.8	6.4
ENE	.5	.9	.4	.1								1.9	5.1
E	.4	.6	.4	.1								1.4	5.5
ESE	.3	.6	.4	.2		.0						1.6	6.4
SE	.3	.6	.5	.2	.0							1.6	5.9
SSE	.3	1.0	1.3	1.3	.1	.0						4.1	9.1
S	.7	2.1	3.9	4.2	1.1	.2						12.2	10.5
SSW	1.1	2.6	3.9	3.2	.5	.1						11.3	9.1
SW	.8	1.8	2.2	1.3	.2	.1						6.4	8.2
WSW	.6	1.6	1.3	.7	.1	.1						4.3	7.6
W	1.3	1.9	1.7	.6	.1	.0						5.6	6.6
WNW	1.0	1.7	1.7	.9	.2	.0						5.4	7.5
NW	.6	1.4	1.4	.9	.1							4.6	7.6
NNW	.7	1.3	1.7	.9	.1							4.6	7.7
VARBL													
CALM												14.6	
	11.1	23.7	28.9	18.3	2.8	.6						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 7197

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94834 (STATION) K I SAWYER AFB MI (STATION NAME) 46-78 (YEARS) OCT (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	1.2	1.4	2.7	1.5	.3	.1						7.2	8.7
NNE	.3	.5	1.8	.4	.1							3.2	8.2
NE	.5	.3	.6	.5								2.0	7.7
ENE	.2	.4		.1								.8	5.4
E	.5	.1	.1									.8	3.1
ESE	.1	.4	.3	.1								1.0	6.2
SE		.1	.2	.8								1.1	11.5
SSE		.3	.9	.2								1.4	8.6
S	2.2	2.8	3.9	4.4	1.0	.2						14.4	9.4
SSW	2.9	6.0	5.8	3.3	.6	.3						19.1	8.0
SW	.6	2.6	1.7	1.0		.2						6.1	7.7
WSW	1.0	1.1	.3	.3								2.7	5.5
W	1.1	2.8	1.1	.3	.2							5.5	6.1
WNW	1.9	2.3	1.4	.8								6.4	6.0
NW	1.5	2.3	1.6	.8		.1						6.2	6.5
NNW	1.3	1.5	.9	1.0								4.6	6.5
VARBL													
CALM												17.5	
	15.4	25.0	23.4	15.5	2.3	1.0						100.0	6.3

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 59-78 (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	1.0	1.9	2.3	.6	.6	.1						6.6	8.2
NNE	.4	.8	1.5	.5	.1							3.2	7.8
NE	.1	.5	.9	.4	.1							2.0	9.1
ENE	.1	.3		.3								.8	7.6
E	.1	.1	.2									.4	6.0
ESE	.2	.4	.4									1.1	5.6
SE	.1	.2	.1	.3	.2							1.0	10.6
SSE		.4	.8	.4	.1							1.7	10.0
S	1.3	2.4	4.3	4.6	.8	.1						13.5	9.6
SSW	2.2	5.2	5.0	2.9	1.1	.2						16.5	8.2
SW	.6	1.8	2.4	.4	.3							5.6	7.7
WSW	.6	2.0	.6	.3	.2							3.9	6.6
W	3.1	2.6	1.2	.1	.1							7.1	4.4
WNW	1.7	2.0	1.3	.9								5.9	6.0
NW	1.4	2.2	1.8	.6								5.0	6.4
NNW	1.0	2.6	1.8	.4	.2							6.0	6.7
VARBL													
CALM												18.7	
	14.0	25.4	24.5	13.0	3.9	.4						100.0	6.2

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (YEARS) CY (MONTH)

ALL WEATHER (CLASS) 0000-0800 (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	.6	1.4	2.9	1.6	1.0							7.7	9.7
NNE	.3	.5	2.0	.3	.1	.1						3.4	8.7
NE	.3	.8	.6	.4								2.2	7.1
ENE	.2	.1		.3								.6	8.5
E	.3	.1	.3									.8	5.0
ESE		.1	.3	.1								.5	3.6
SE		.3	.1	.2	.3							1.0	11.4
SSE	.3	.3	.4	1.0	.1							2.2	9.8
S	1.4	2.4	4.0	4.8	.5	.1						13.2	9.3
SSW	3.2	5.1	5.4	3.8	.8	.3						18.5	8.4
SW	1.2	1.1	1.8	1.1	.1	.1						5.4	7.6
WSW	.9	1.0	.8	.5	.3							3.4	7.6
W	2.0	3.1	1.0	.4								6.6	5.0
WNW	1.5	2.3	1.2	.5								5.5	5.6
NW	1.8	1.3	1.2	1.0								5.1	6.2
NNW	1.6	1.9	1.6	.5	.1							5.8	6.2
VARBL													
CALM												18.2	
	15.6	21.7	23.7	16.9	3.3	.5						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-5-5 (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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (YEARS) OCT (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	2.3	2.6	3.4	1.2	.1						10.6	10.3
NNE	.8	1.3	2.2	1.1	.2							5.5	8.3
NE	.6	.4	1.2	1.0								3.2	8.3
ENE	.1	.3	.5									1.0	6.9
E	.3	.3	.3									1.0	4.7
ESE	.6	.3	.1	.1								1.2	4.7
SE		.6	.3	.3	.3							1.6	10.5
SSE	.3	.3	1.6	1.0	.2							3.4	9.8
S	.9	2.2	4.1	7.0	.4	.3						14.8	10.7
SSW	1.0	2.3	4.3	4.5	1.8	.3						14.2	10.8
SW	1.0	1.1	2.9	3.1	.5	.2						8.8	10.1
WSW	1.0	1.0	1.8	.6	.1							4.5	7.2
W	1.6	2.6	2.7	1.7	.1							8.7	7.4
WNW	.5	1.3	1.5	1.1	.2							4.6	8.7
NW	.2	1.1	1.7	1.7	.2							4.9	9.6
NNW	.8	1.2	2.4	1.5	.2							6.0	8.9
VARBL													
CALM												5.8	
	10.5	18.5	30.4	28.2	5.6	1.0						100.0	8.9

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 60-78 (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	.5	1.9	3.4	4.7	1.0	.1						11.7	10.8
NNE	1.0	1.6	2.4	1.6	.6	.2						7.6	9.3
NE	.4	1.0	1.4	.6	.1							3.5	8.4
ENE	.2	1.2	.3									1.7	5.0
E	.8	.4										1.2	3.1
ESE	.2	.6	.2									1.1	5.1
SE	.1	.3		.5	.1							1.1	10.4
SSE	.8	.9	1.3	1.6	.3							4.8	9.4
S	.6	1.5	4.6	8.1	2.2	.8	.1					17.8	12.4
SSW	.3	1.2	3.3	5.6	2.4	.6						13.4	12.9
SW	.1	1.1	1.9	1.7	.6							5.5	10.4
WSW		.9	2.3	2.3	.1	.1						5.6	10.9
W	.3	1.3	2.0	2.0	.3							6.0	9.7
WNW	.1	.9	1.9	2.4	.3	.1						5.7	10.7
NW	.4	.8	1.9	2.2	.3	.2						5.8	10.9
NNW	.4	.8	1.7	1.6	.5							5.1	10.2
VARBL													
CALM												2.3	
	6.3	16.2	29.0	34.9	8.9	2.2	.1					100.0	10.5

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 59-78 (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	.6	1.3	3.1	3.4	.8							9.3	10.2
NNE	.4	1.5	5.3	2.9	.1							10.2	9.3
NE	1.1	1.3	3.2	1.0								6.6	7.4
ENE	.4	.6	.6									1.7	5.3
E	.5	.3		.1								1.0	4.1
ESE	.2	.2	.1									.5	4.8
SE		.5	.8	.2								1.5	7.2
SSE	.4	2.0	1.8	2.0	.2	.1	.1					6.8	9.6
S	.6	.9	4.6	9.3	2.3	.9	.1					18.6	12.9
SSW	.3	.6	2.0	5.1	1.7	.3						10.1	13.3
SW	.2	1.1	2.9	2.3								6.5	9.6
WSW	.1	1.0	1.4	1.4	.3							4.2	10.4
W	.5	1.1	1.4	2.3	.1							5.4	9.1
WNW	.1	.8	1.4	1.3	.6	.1	.1					4.4	11.3
NW	.1	1.1	1.7	2.3	.3	.1						5.6	10.3
NNW	.1	.5	1.4	3.3	.4							5.8	11.7
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	1.8	
	5.9	14.9	31.9	36.8	6.9	1.5	.3					100.0	10.4

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 59-78 (YEARS) OCT (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	1.5	1.8	2.3	2.3								7.9	7.8
NNE	.8	1.9	2.9	1.2								6.8	7.9
NE	1.5	2.0	1.8	.3								5.7	5.8
ENE	1.1	.5	.2	.1								1.9	3.9
E	.9	.9	.2	.1								2.0	4.6
ESE	.3	.6	.1									1.1	4.5
SE	.5	.6	.2	.2								1.6	5.7
SSE	.4	2.4	2.5	1.2	.1	.1						6.7	7.8
S	.5	3.8	5.0	7.9	2.3	.3						19.7	11.1
SSW	.9	1.9	3.4	3.3	.3							9.9	9.4
SW	.8	1.5	1.0	.8	.1							4.1	7.1
WSW	.3	1.3	1.1	.3								3.0	6.9
W	1.2	1.1	1.5	.5								4.3	6.3
WNW	.6	1.3	2.2	.1	.1	.1						4.4	7.5
NW	.2	1.2	1.5	1.1	.1							4.1	8.8
NNW	1.1	2.4	2.4	1.7	.5	.1						8.2	8.3
VARBL													
CALM												8.6	
	12.6	25.3	28.2	21.1	3.6	.6						100.0	7.6

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (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	1.6	1.6	1.6	1.9	.4							7.2	8.3
NNE	.6	1.3	1.9	.5								4.4	7.1
NE	.4	.8	.2	.6	.1							2.2	8.5
ENE	.1	.1	.2	.2								.6	8.0
E	.6	.4	.2									1.3	4.4
ESE		.3	.2									.5	6.0
SE	.3	.6	.5	.3								1.8	6.9
SSE	1.0	1.0	.6	.4	.1	.2						3.3	7.9
S	1.1	3.9	4.8	6.3	.5	.3						17.0	10.0
SSW	2.0	3.5	5.9	3.9	.5	.2						16.1	8.5
SW	1.1	2.2	2.0	1.5								6.8	7.4
WSW	1.2	1.3	.4	.1								3.0	4.9
W	.4	2.7	.9	.5		.1						4.6	6.6
WNW	1.0	1.6	1.4	.5								4.5	6.1
NW	.5	2.3	1.5	.6		.1						5.1	7.4
NNW	.4	2.3	1.7	1.6	.1							6.1	8.1
VARBL													
CALM												15.4	
	12.5	25.8	24.3	19.2	1.8	1.0						100.0	6.8

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)

94895 (STATION) K I SAWYER AFB MI (STATION NAME) 49-78 (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	1.0	1.7	2.6	2.5	.7	.1						8.5	9.4
NNE	.6	1.2	2.5	1.1	.2	.0						5.6	8.5
NE	.6	.9	1.3	.6	.0							3.4	7.5
ENE	.3	.5	.2	.1								1.1	5.7
E	.5	.3	.2	.0								1.0	4.3
ESE	.2	.4	.2	.0								.9	5.5
SE	.1	.4	.3	.4	.1							1.3	8.9
SSE	.4	1.0	1.2	1.0	.1	.1	.0					3.8	9.0
S	1.1	2.5	4.4	6.6	1.2	.4	.0					16.1	10.8
SSW	1.6	3.2	4.4	4.0	1.2	.3						14.7	9.6
SW	.7	1.5	2.1	1.5	.2	.1						6.1	8.6
WSW	.6	1.2	1.1	.7	.1	.0						3.8	7.9
W	1.3	2.2	1.5	1.0	.1	.0						6.0	6.8
WNW	.9	1.5	1.5	.9	.2	.0	.0					5.2	7.6
NW	.8	1.5	1.6	1.3	.1	.1						5.4	8.2
NNW	.8	1.6	1.7	1.5	.3	.0						6.0	8.3
VARBL													
CALM												11.0	
	11.6	21.6	26.9	23.2	4.5	1.0	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 7435

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0000-0700 (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	2.7	2.4	.3	.0						7.2	11.8
NNE	.2	1.0	2.1	1.8	.4	.1						5.7	10.3
NE	.4	.4	.8	.2	.2							2.1	8.1
ENE		.3	.6	.1								1.0	7.6
E	.2	.4	.4									1.1	6.0
ESE	.6	.4	.1									1.1	3.6
SE	.3	.9	.7	.1								2.0	5.9
SSE	.7	.8	1.6	.2	.1							3.3	7.2
S	1.1	2.0	3.6	2.2	.9							9.8	9.0
SSW	1.8	3.7	3.3	1.7	.4							10.9	7.4
SW	1.1	2.0	.7	1.2	.2	.2						5.4	7.7
WSW	1.6	2.7	1.0	.3								5.6	5.4
W	1.9	5.4	3.7	.4								11.4	5.8
WNW	.8	2.9	3.2	.7								7.6	6.6
NW	1.1	1.7	2.4	.8	.3							6.3	7.6
NNW	.3	1.4	2.6	1.2	.1	.1						5.8	8.9
VARBL													
CALM												13.7	
	12.1	27.1	29.3	13.4	3.1	1.2						100.0	6.7

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 54-78 (YEARS) NOV. (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	1.7	3.6	3.0	.4	.5						9.4	10.9
NNE	.1	.7	.9	1.4	.7							3.8	11.5
NE	.2	.2	1.0	.8	.4							2.7	10.7
ENE	.2	.4	.2	.3								1.2	6.9
E	.3	.1	.1									.6	4.4
ESE	.4	.6	.1	.1								1.2	5.0
SE	.2	.4	.7	.4								1.8	8.3
SSE	.3	1.2	.7	.3								2.6	6.4
S	1.3	1.6	2.1	1.9	1.3	.1						8.3	10.0
SSW	1.8	5.4	3.7	1.6	.4	.1						13.0	7.1
SW	1.4	1.3	1.7	.6			.1					5.1	6.8
WSW	1.2	2.6	1.1		.1		.1					5.1	5.9
W	2.2	4.9	2.9	.6								10.6	5.8
WNW	1.2	3.3	2.1	.6								7.2	6.3
NW	.3	2.4	2.9	.8	.3							6.8	7.9
NNW		1.7	3.0	.9	.2							5.8	8.7
VARBL													
CALM												14.9	
	11.7	28.6	26.7	13.2	4.0	.8	.2					100.0	6.7

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 59-78 (YEARS) NOV (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	.4	.7	3.6	2.6	.9	.4						8.6	11.4
NNE	.2	1.1	1.0	1.6	.6	.2						4.9	11.3
NE	.6	1.4	.4	.7	.3							3.4	7.6
ENE	.2	.3	.3	.1								1.0	6.6
E	.3	.7										1.0	3.9
ESE	.2	.2	.2									.7	4.7
SE	.1	.4	.4	.6								1.6	8.8
SSE	.3	.7	.8	.8	.1	.1						2.8	9.2
S	1.0	3.4	1.9	2.0	.2	.3						8.9	8.3
SSW	2.9	4.4	2.1	2.2	.8	.1						12.6	7.3
SW	1.2	2.1	1.4	.9								5.7	6.3
WSW	.8	3.1	1.3	.2	.3							5.8	6.4
W	1.4	4.4	3.1	.3								9.3	5.9
WNW	.9	2.2	2.0	.2								5.3	6.4
NW	.8	2.2	2.7	.9	.3							6.9	7.7
NNW	.4	1.2	2.1	1.2	.3	.1						5.4	9.3
VARBL													
CALM												16.2	
	11.9	28.8	23.4	14.4	3.9	1.3						100.0	6.6

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)

94830 (STATION) K I SAWYER AFB MI (STATION NAME) 59-78 (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	.3	1.0	3.6	2.9	.9	.2						8.9	11.1
NNE	.6	.6	1.7	1.6	.3	.1						5.0	10.1
NE	.2	1.2	.8	.9	.1							3.2	8.8
ENE	.7	.2	.9									1.8	5.8
E	1.0	.7	.4									2.1	4.6
ESE	.2	.6										.8	4.3
SE			.9	.2								1.1	9.5
SSE	.6	.8	.6	1.0	.2							3.1	9.1
S	.4	2.3	2.8	2.1	.9	.3						8.9	10.2
SSW	1.2	2.9	5.0	2.9	.8							12.8	8.8
SW	1.3	1.6	2.6	1.2	.2							6.9	7.7
WSW	.7	1.9	2.2	.6		.1						5.5	7.1
W	1.8	3.1	3.9	.9	.3							10.0	7.1
WNW	.6	1.6	3.5	1.2	.3							7.3	8.3
NW	.4	2.0	4.0	1.4	.2							8.1	8.4
NNW		1.0	3.2	2.0	.3	.2						6.8	10.7
VARBL													
CALM												7.6	
	10.2	21.4	36.0	19.2	4.7	1.0						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 898

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 67-76 (YEARS) NOV (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	1.4	3.2	4.2	.7	.3						10.8	10.9
NNE	.1	1.0	2.0	2.3	.2	.1						5.8	10.7
NE	.1	.4	1.2	1.0	.2							3.0	10.2
ENE	.4	.7	.3	.1								1.6	5.2
E	.4	.9	.4									1.8	5.3
ESE	.1	.4	.1									.7	5.3
SE		.4	.6									1.0	7.0
SSE	.2	1.0	.9	.7	.6							3.3	10.1
S	1.3	2.7	3.6	3.2	1.6	.2	.1					12.7	10.1
SSW	.4	2.2	4.0	5.0	.7	.2						12.6	10.5
SW	.4	1.7	2.1	2.0	.1	.2						6.6	9.8
WSW	.2	1.0	2.2	1.0	.3							4.8	9.2
W	1.0	1.9	4.2	1.7	.2	.2						9.2	8.5
WNW	.6	2.1	2.4	1.7	.2							7.0	9.0
NW	.2	.9	3.2	2.6	.6	.1						7.6	10.3
NNW	.3	1.3	3.0	2.7	.8	.1						8.2	10.8
VARBL													
CALM												3.6	
	6.9	20.1	33.6	28.1	6.1	1.6	.1					100.0	9.5

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (YEARS) NOV (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	2.0	4.8	3.8	.8	.3						12.3	10.3
NNE	.3	1.7	1.4	2.0	.6	.1	.1					6.8	10.6
NE	.2	1.6	1.0	1.1	.1							4.0	8.1
ENE	.5	.6		.1								1.2	4.4
E	.3	.9										1.2	4.0
ESE	.0	.2										1.0	2.3
SE		.2	.4	.2								.9	8.6
SSE	1.4	1.6	1.3	.1								4.5	5.6
S	.8	3.3	4.0	3.1	1.4	.2	.2					13.2	10.1
SSW	.7	2.2	3.5	3.1	.3							9.8	9.3
SW	.7	1.7	1.8	1.1	.1	.1	.1					5.6	8.8
WSW	.3	1.9	2.5	1.3								6.0	8.1
W	.7	2.5	3.1	1.8	.3							8.4	8.6
WNW	.4	.8	3.1	1.3	.3	.1						6.1	9.7
NW	.2	1.8	1.9	2.8	.6							7.2	10.0
NNW	.2	1.3	3.0	2.6	.2							7.4	9.6
VARBL													
CALM												4.5	
	8.2	24.2	31.9	25.1	4.8	.9	.4					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 897

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (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	1.1	1.9	2.6	2.2	.7	.4	.2					9.2	10.0
NNE	.6	1.7	1.3	2.2	.6	.1						6.5	10.2
NE	.4	1.0	.4	1.0	.1							3.0	8.2
ENE	.3	.4	.1									.9	4.3
E	.7	.8										1.5	3.3
ESE	.7	.9	.2									1.8	3.8
SE	.2	.8	1.1	.2								2.3	6.8
SSE	.6	1.7	.9	.2	.1							3.5	6.3
S	.7	3.7	5.0	2.3	.6	.4	.1					12.8	9.2
SSW	2.0	1.8	3.6	1.6	.3	.2						9.5	7.8
SW	.8	1.8	1.5	.8								4.8	6.9
WSW	1.2	.7	1.3	.8								4.0	6.8
W	1.1	2.0	3.3	1.3								7.8	7.5
WNW	1.1	2.0	2.6	2.1	.4							8.3	8.5
NW	1.1	2.6	2.6	1.5	.2							7.9	7.6
NNW	.7	1.7	1.9	1.5								5.7	8.0
VARBL													
CALM												10.6	
	13.3	25.3	28.5	17.7	3.0	1.2	.3					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 896

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)

94834 (STATION) K I SAWYER AFB MI (STATION NAME) 49-78 (YEARS) NOV (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	.4	1.2	2.0	2.5	.6	.4	.2					7.4	11.7
NNE	.6	.9	1.7	1.2	.2	.4						5.0	10.5
NE		.7	.9	.6	.2							2.3	10.0
ENE	.6	1.0	.2									1.8	4.5
E	.1	.8										.9	4.8
ESE	.1	.6	.4									1.1	5.8
SE	.3	.8	.7	.1								1.9	5.7
SSE	.6	1.3	1.3	.3								3.6	5.5
S	.6	2.2	3.2	1.7	.6							8.2	8.7
SSW	1.1	4.3	4.1	2.0	.9	.3						12.8	8.6
SW	1.7	2.2	1.1	.8	.1	.1						6.0	6.6
WSW	1.1	1.7	.9	1.0	.2							4.9	7.2
W	1.3	3.8	4.6	1.0								10.7	6.9
WNW	1.3	2.8	2.7	.4	.3							7.6	6.8
NW	1.0	2.6	2.7	1.8	.1							8.1	7.9
NNW	.9	1.4	2.2	1.4								6.0	7.7
VARBL													
CALM												11.6	
	11.7	28.3	28.8	14.8	3.2	1.3	.2					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 897

USAFETAC FORM AS 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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (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	.5	1.4	3.2	2.9	.7	.4	.1					9.2	10.9
NNE	.3	1.1	1.2	1.9	.4	.2	.0					5.4	10.6
NE	.3	.9	.8	.8	.2							3.0	8.9
ENE	.4	.5	.3	.1								1.3	5.6
E	.4	.7	.2									1.3	4.5
ESE	.4	.5	.2	.0								1.0	4.3
SE	.2	.5	.7	.2								1.6	7.3
SSE	.6	1.1	1.0	.5	.1	.0						3.3	7.4
S	.9	2.7	3.3	2.3	.9	.2	.1					10.4	9.5
SSW	1.5	3.4	3.7	2.3	.6	.1						11.7	8.4
SW	1.1	1.8	1.6	1.1	.1	.1	.0					5.8	7.6
WSW	.9	1.9	1.6	.7	.1	.0	.0					5.2	7.0
W	1.4	3.5	3.6	1.6	.1	.0						9.7	6.9
WNW	.9	2.2	2.7	1.0	.2	.1						7.1	7.7
NW	.7	2.0	2.8	1.6	.3	.0						7.4	8.4
NNW	.7	1.4	2.6	1.7	.3	.1						6.4	9.3
VARBL													
CALM												10.3	
	10.8	25.5	29.8	18.3	4.1	1.2	.2					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 7188

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 58-77 (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	.6	.6	1.6	3.1	1.3	.6	.1					8.1	13.1
NNE	.3	.8	.2	1.4	.2	.1						3.0	10.8
NE	.3	1.2	.1	.3								1.9	6.2
ENE	.2	1.1		.2								1.5	5.6
E	.2	1.3	.9									2.4	5.5
ESE	.4	.5	.5	.5								2.0	7.4
SE	.4	.4	.6	.3								1.8	7.1
SSE	.1	.4	.5	.4	.2							1.7	9.9
S	1.0	1.6	2.3	1.7	1.0	.1						7.6	9.5
SSW	1.3	3.2	2.5	2.6	.4	.2						10.2	8.7
SW	1.2	2.7	3.2	.8	.2							8.1	7.0
WSW	1.2	2.6	1.0									4.7	4.8
W	1.8	3.7	2.5	1.6	.1							9.7	6.9
WNW	1.2	2.3	2.5	1.3								7.2	7.2
NW	1.0	2.0	4.0	1.9	.3							9.3	8.7
NNW	.4	.3	2.2	1.9	.9	.1						5.8	11.7
VARBL													
CALM												14.9	
	11.7	24.8	24.5	18.2	4.6	1.2	.1					100.0	7.2

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)

94830 (STATION) K I SAWYER AFB MI (STATION NAME) 58-77 (YEARS) DEC (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	1.0	1.1	1.2	3.1	1.7	.6						8.8	12.5
NNE	.9	.3	.4	.6	.2							2.5	8.1
NE	.4	.8	.3	.2	.2							2.2	7.6
ENE	.8	1.5	.2									2.5	4.3
E	.6	.9	.8	.1								2.4	5.5
ESE	.1	.2	.6	.3								1.3	8.1
SE	.4	.4	.3	.2	.1							1.5	7.1
SSE	.2	.2	.6	.2	.2	.1						1.6	10.7
S	.4	2.5	3.1	2.3	.5							8.8	9.0
SSW	1.8	1.9	3.4	2.8	.4	.2						10.6	8.4
SW	1.2	1.6	2.2	.6								5.6	6.6
WSW	1.2	3.1	.8	.2								5.3	5.2
W	1.1	2.8	2.6	1.5	.5							8.5	7.9
WNW	1.0	2.7	3.4	1.2	.1							8.4	7.3
NW	.9	1.6	2.6	1.4	.1							6.8	7.9
NNW	.5	1.0	2.5	2.0	1.1							7.1	10.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	16.2	
	12.5	22.6	25.5	16.9	5.3	1.1						100.0	7.0

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 68-77 (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	.4	1.0	1.5	2.8	2.3	.4						8.4	13.2
NNE	.2	.8	.5	1.1	.3							2.9	10.2
NE	.3	1.1	1.0	.4	.1							2.9	7.5
ENE	.9	1.3	.5	.3								3.0	5.6
E	.3	1.3	.2									1.8	4.8
ESE	.5	.9	.6	.2								2.3	6.1
SE	.1	.1	.4	.1								.8	8.0
SSE	.2	.4	.3	.5	.2							1.7	9.6
S	1.6	1.0	2.8	3.5	.8							9.7	9.8
SSW	1.8	2.2	3.7	2.4	.2							10.2	7.8
SW	1.0	1.2	1.6	.8								4.5	7.0
WSW	1.4	1.7	1.4	.4	.1							5.1	6.1
W	1.6	3.1	3.1	1.1	.1	.2						9.2	7.2
WNW	1.3	3.0	2.7	.5	.3							7.8	7.0
NW	1.4	2.4	2.3	1.8	.1	.2						8.2	7.9
NNW	.9	.9	1.3	2.2	.4	.1						5.7	9.8
VARBL													
CALM												15.8	
	14.0	22.2	24.0	18.2	4.9	1.0						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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 56-77 (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	1.3	1.9	3.4	1.2	.5						8.9	11.8
NNE	.2	.8	.3	1.8	.5	.1						3.8	11.5
NE	.1	.8	.8	.9	.1							2.6	8.9
ENE	.2	1.6	.4									2.3	5.4
E	.2	1.1	1.1									2.4	6.4
ESE	.4	.4	.5	.3								1.7	6.8
SE	.3	.5	.4									1.3	5.9
SSE	.2	.5	.2	.1	.2							1.3	8.3
S	.8	2.2	1.6	2.8	.8							8.1	9.7
SSW	1.5	3.6	3.4	4.2	.9							13.6	9.2
SW	.9	2.0	1.4	1.0	.3							5.6	7.6
WSW	1.5	1.4	1.2	.4	.1							4.6	5.9
W	1.8	3.6	2.7	2.2	.2							10.4	7.3
WNW	1.2	2.3	2.4	1.7	.2	.1						7.9	8.0
NW	.9	1.5	2.6	1.9								6.9	8.5
NNW	.6	.8	1.8	2.0	.6	.3						6.2	11.1
VARBL													
CALM												12.5	
	11.4	24.2	22.8	22.8	5.2	1.1						100.0	7.7

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)

94835 (STATION) K I SAWYER AFB MI (STATION NAME) 50-77 (YEARS) DEC (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	3.0	2.9	3.9	1.3	.3						11.9	10.4
NNE	.4	.8	1.5	1.6	.5	.1						5.0	10.4
NE	.6	.8	1.0	.4								2.8	6.7
ENE	.3	.9	1.0									2.2	6.2
E	.4	1.0	.5	.8								2.7	7.8
ESE	.2	.3	.5	.2								1.3	7.2
SE		1.0	1.0	.2								2.2	7.3
SSE	.5	.5	.6									1.7	5.6
S	1.2	2.8	2.2	3.8	1.2	.2						11.3	9.9
SSW	.5	2.2	1.9	4.2	1.5	.1						10.4	11.0
SW	.3	1.4	2.7	1.3	.4							6.1	9.4
WSW	.6	1.5	1.9	1.0	.1	.2						5.4	8.3
W	.6	2.2	2.6	.8	.3	.1						6.6	8.3
WNW	.5	1.6	2.9	1.3	.6	.4						7.4	10.2
NW	.3	1.2	2.3	2.8	.5	.7						7.3	10.7
NNW	.5	1.1	2.4	3.6	1.4							8.9	11.4
VARBL													
CALM												6.8	
	7.9	22.1	27.9	25.7	8.0	1.7						100.0	9.0

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)

94826 (STATION) K I SAWYER AFB MI (STATION NAME) 55-77 (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	1.6	2.7	4.2	4.5	1.1							14.1	9.6
NNE	.3	1.2	1.2	1.4								4.1	8.9
NE	.6	1.0	.9	.6								3.1	7.1
ENE	.5	.8	.6	.2								2.2	6.0
E	.5	1.0	.5	.3								2.4	6.2
ESE	.2	.5	.6	.1								1.5	6.4
SE	.4	1.0	.6	.1								2.2	6.0
SSE	.9	1.1	.8	.2								2.9	5.5
S	1.4	2.7	2.8	3.2	1.0	.2						11.3	9.6
SSW	.6	1.6	3.3	4.7	.4	.2						11.0	10.5
SW	.4	1.3	2.5	.6	.3							5.3	8.4
WSW	.8	.6	.8	.6	.2							3.0	7.9
W	1.5	1.6	1.8	.8	.5							6.2	7.5
WNW	.8	1.9	1.9	1.7	.2	.2						6.8	9.0
NW	.5	2.3	2.4	1.7	.4	.1						7.4	9.1
NNW	.2	1.1	2.9	3.8	1.1	.1						9.1	11.4
VARBL													
CALM												7.5	
	11.4	22.3	27.8	24.8	5.3	.9						100.0	8.3

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 53-77 (YEARS) DEC (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	.9	1.9	2.3	2.6	1.6	.4	.1					10.0	11.3
NNE	.8	.6	1.1	.3	.1	.1						3.0	7.4
NE	.3	1.1	.4	1.1	.1							3.0	8.6
ENE	.3	.6	.3	.1								1.4	5.5
E	.6	1.0	.4	.1								2.3	5.0
ESE	.6	.3	.5									1.5	5.4
SE	.6	.6	.2	.3	.1							1.8	6.6
SSE	.9	1.4	1.1	.1								3.4	5.6
S	.8	2.0	3.4	2.6	1.1	.4						10.5	10.3
SSW	1.0	2.7	4.2	2.0	.5	.1						10.5	8.5
SW	.6	1.3	1.2	1.1	.1							4.3	8.2
WSW	.8	1.1	1.1	.4	.1							3.4	7.1
W	1.7	2.5	1.5	.8								6.5	6.0
WNW	1.7	1.9	1.7	.5	.1							6.0	6.3
NW	1.6	1.9	1.8	1.7	.1							7.2	7.4
NNW	1.2	2.4	3.0	3.2	.1							9.9	8.8
VARBL													
CALM												15.1	
	14.5	23.4	24.3	17.4	4.1	1.1	.1					100.0	7.0

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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 55-77 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.6	1.6	2.2	1.7	.4						7.3	12.5
NNE	.3	.6	1.0	.5	.5							3.0	10.0
NE	.1	.8	.9	.9								2.6	8.7
ENE	.5	.6	.5	.1								1.8	5.5
E	.4	.6	.4									1.5	5.4
ESE	.2	1.2	.4	.1								1.9	5.9
SE	.3	.4	.8	.2								1.7	7.1
SSE	.5	.5	.9	.6	.1							2.7	7.7
S	1.0	2.0	2.4	1.5	1.0	.3						8.2	9.7
SSW	1.1	4.2	3.7	2.4	.5	.3						12.2	8.5
SW	1.4	2.7	2.3	.4	.6	.2						7.6	7.8
WSW	1.3	1.8	1.1	1.0								5.2	6.5
W	1.4	3.3	3.4	1.1	.1							9.4	6.8
WNW	1.3	2.2	1.6	.2	.2							5.5	6.1
NW	1.1	1.5	3.0	1.8	.3	.1						7.3	9.0
NNW	.9	1.7	3.1	2.9								8.6	8.9
VARBL													
CALM												13.0	
	12.6	24.9	27.0	15.9	5.2	1.4						100.0	7.3

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)

94839 (STATION) K I SAWYER AFB MI (STATION NAME) 64-77 (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	.8	1.5	2.2	3.2	1.5	.4	.0					9.7	11.6
NNE	.4	.7	.8	1.1	.3	.1						3.4	9.8
NE	.4	.9	.7	.6	.1							2.6	7.7
ENE	.5	1.0	.5	.1								2.1	5.5
E	.4	1.0	.6	.2								2.2	5.9
ESE	.3	.6	.6	.2								1.7	6.6
SE	.3	.6	.6	.2	.0							1.7	6.8
SSE	.4	.6	.6	.3	.1	.1						2.1	7.4
S	1.0	2.1	2.6	2.7	.9	.2						9.4	9.7
SSW	1.2	2.7	3.3	3.2	.6	.1						11.1	9.1
SW	.9	1.8	2.1	.8	.3	.0						5.9	7.7
WSW	1.1	1.7	1.1	.5	.1	.0						4.6	6.4
W	1.5	2.8	2.5	1.2	.2	.0						8.3	7.2
WNW	1.1	2.2	2.4	1.1	.2	.1						7.1	7.7
NW	1.0	1.8	2.6	1.9	.2	.1						7.6	8.6
NNW	.7	1.1	2.4	2.7	.7	.1						7.7	10.4
VARBL													
CALM												12.7	
	12.0	23.3	25.5	20.0	5.3	1.2	.0					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 7437

USAFETAC FORM 0-3-5 (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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 70-78 (YEARS) ALL (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	3.4	3.7	1.1	.4	.0	.0	.0			12.0	10.3
NNE	.6	1.8	3.0	1.6	.2	.0	.0					7.5	8.8
NE	.5	1.3	1.6	.6	.1	.0						4.0	7.3
ENE	.5	.8	.5	.1								2.0	5.5
E	.5	.7	.4	.1	.0							1.8	5.4
ESE	.3	.5	.3	.1	.0	.0						1.2	5.7
SE	.2	.5	.6	.2	.0							1.5	7.0
SSE	.4	.9	1.2	.7	.1	.0	.0					3.4	8.2
S	.9	2.5	3.7	3.4	.7	.2	.0					11.4	9.7
SSW	1.2	2.8	3.4	2.5	.5	.1	.0	.0				10.5	8.8
SW	.8	1.5	1.8	1.0	.1	.0	.0					5.2	7.9
WSW	.8	1.3	1.3	.6	.1	.0	.0					4.1	7.2
W	1.3	2.0	1.9	.8	.1	.0	.0					6.1	6.8
WNW	.9	1.7	1.7	1.0	.1	.0	.0					5.4	7.5
NW	.7	1.3	1.6	1.2	.2	.0						5.0	8.4
NNW	.6	1.1	1.8	1.6	.4	.1	.0					5.6	9.5
VARBL													
CALM												13.2	
	11.7	22.8	28.2	19.4	3.8	.9	.1	.0	.0			100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 87582

USAFETAC FORM JUL 84 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)

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 66-78 (YEARS) ALL (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	.7	2.2	5.2	8.1	3.1	1.0	.0					20.2	12.4
NNE	.6	2.1	3.0	2.9	.6	.1	.0					9.4	9.8
NE	.0	1.3	1.2	1.1	.2	.0						4.3	8.2
ENE	.5	1.0	.5	.2								2.3	5.9
E	.7	.9	.8	.3	.0							2.7	6.2
ESE	.5	.7	.8	.3	.0							2.2	6.7
SE	.3	.8	1.2	.5	.1							2.9	7.9
SSE	.4	1.3	1.8	1.4	.3	.0	.0					5.1	9.2
S	.8	2.3	4.4	4.7	1.4	.3	.0					13.9	10.6
SSW	.9	2.2	3.2	2.4	.5	.1	.0	.0				9.3	9.1
SW	.5	1.1	1.3	.6	.1	.1	.0					3.5	7.9
WSW	.5	.6	.7	.2	.0							2.0	6.2
W	.7	.8	.8	.4	.0	.0	.0					2.8	6.7
WNW	.5	.7	.9	.3	.1	.0						2.6	7.3
NW	.4	1.0	1.5	1.0	.2	.0						4.1	8.9
NNW	.4	.9	2.2	2.3	.9	.1	.0					6.7	11.2
VARBL													
CALM												6.1	
	8.9	19.9	29.4	26.5	7.3	1.8	.1	.0				100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 16647

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

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

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

D

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

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 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 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.0

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 79-78 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	34.5	35.5	35.8	35.9	36.2	36.2	36.7	36.9	37.1	37.1	37.1	37.1	37.1	37.1	37.2	37.4
> 20000	35.3	36.5	36.9	37.0	37.3	37.3	37.8	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.4	38.6
≥ 18000	35.6	36.9	37.3	37.4	37.7	37.7	38.3	38.5	38.7	38.7	38.7	38.7	38.7	38.7	38.8	39.0
≥ 16000	35.6	36.9	37.3	37.4	37.7	37.7	38.3	38.5	38.7	38.7	38.7	38.7	38.7	38.7	38.8	39.0
≥ 14000	35.9	37.2	37.7	38.0	38.3	38.3	38.8	39.0	39.2	39.2	39.2	39.2	39.2	39.2	39.4	39.6
≥ 12000	36.3	37.6	38.2	38.4	38.7	38.7	39.2	39.5	39.7	39.7	39.7	39.7	39.7	39.7	39.8	40.0
≥ 10000	37.0	38.3	38.8	39.0	39.6	39.6	40.1	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.6	40.9
≥ 9000	37.6	38.9	39.5	39.7	40.2	40.2	40.8	41.0	41.2	41.2	41.2	41.2	41.2	41.2	41.3	41.5
≥ 8000	38.6	40.0	40.6	41.0	41.5	41.5	42.0	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.6	42.8
≥ 7000	39.1	40.5	41.2	41.5	42.0	42.0	42.6	42.8	43.0	43.0	43.0	43.0	43.0	43.0	43.1	43.3
≥ 6000	40.1	41.5	42.2	42.6	43.1	43.1	43.7	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.2	44.4
≥ 5000	41.9	43.3	44.0	44.4	45.1	45.1	45.6	45.8	46.0	46.0	46.0	46.0	46.0	46.0	46.1	46.3
≥ 4500	43.1	44.5	45.2	45.6	46.3	46.3	46.9	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.4	47.6
≥ 4000	44.7	46.5	47.2	47.6	48.6	48.7	49.2	49.5	49.8	49.8	49.9	49.9	49.9	50.0	50.0	50.2
≥ 3500	45.3	47.1	48.0	48.5	49.7	49.8	50.3	50.5	50.9	50.9	51.0	51.0	51.0	51.0	51.1	51.3
≥ 3000	47.6	50.1	51.1	51.8	53.2	53.3	54.2	54.6	54.9	54.9	55.1	55.1	55.1	55.1	55.2	55.4
≥ 2500	50.4	53.3	55.1	56.1	58.2	58.5	59.7	60.3	60.6	60.6	60.8	60.8	60.8	60.8	60.9	61.1
≥ 2000	53.7	57.2	59.4	60.8	63.2	63.7	65.3	66.1	66.7	66.8	66.9	66.9	66.9	66.9	67.0	67.2
≥ 1800	54.9	58.9	61.1	62.5	65.1	65.5	67.1	68.1	68.6	68.7	68.8	68.8	68.8	68.8	68.9	69.1
≥ 1500	57.7	63.1	65.5	67.2	70.2	70.9	73.0	74.5	75.3	75.7	75.9	75.9	75.9	75.9	76.0	76.2
≥ 1200	59.5	65.2	67.7	69.7	73.0	73.8	76.3	78.1	79.0	79.6	79.9	79.9	80.0	80.0	80.1	80.3
≥ 1000	60.1	66.2	69.1	71.1	74.7	75.6	78.6	80.6	82.4	83.2	83.9	83.9	84.0	84.0	84.1	84.3
≥ 900	60.3	66.6	69.9	71.8	75.5	76.5	79.5	81.6	83.5	84.4	85.1	85.1	85.2	85.2	85.3	85.5
≥ 800	61.8	68.4	71.7	73.8	77.5	78.6	81.6	83.8	86.5	87.4	88.1	88.1	88.2	88.2	88.3	88.5
≥ 700	62.2	68.7	72.0	74.2	78.1	79.2	82.4	84.7	87.4	88.5	89.4	89.4	89.5	89.5	89.6	89.8
≥ 600	62.2	68.9	72.3	74.6	78.8	80.0	83.2	85.7	88.4	89.5	90.3	90.3	90.4	90.4	90.5	90.8
≥ 500	62.2	68.9	72.6	75.1	79.6	80.8	84.0	86.7	89.6	90.8	92.4	92.5	92.8	92.8	92.9	93.4
≥ 400	62.2	69.0	72.8	75.4	79.9	81.3	84.5	87.3	90.8	92.4	94.1	94.2	94.7	94.7	94.8	95.4
≥ 300	62.2	69.0	72.8	75.4	80.1	81.5	85.1	88.1	92.2	93.9	96.1	96.2	97.4	97.4	97.5	98.3
≥ 200	62.2	69.0	72.8	75.4	80.2	81.6	85.2	88.2	92.4	94.3	96.6	96.7	98.0	98.0	98.1	98.9
≥ 100	62.2	69.0	72.8	75.4	80.2	81.6	85.2	88.2	92.5	94.4	96.7	96.8	98.1	98.1	98.4	99.9
≥ 0	62.2	69.0	72.8	75.4	80.2	81.6	85.2	88.2	92.5	94.4	96.7	96.8	98.1	98.1	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 STATION — K I SAWYER AFB MI STATION NAME — 9-7d YEARS — JAN

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	32.5	34.8	34.9	35.1	35.2	35.5	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≤ 20000	33.0	35.4	35.5	35.6	35.7	36.0	36.1	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 18000	33.5	36.0	36.1	36.2	36.3	36.7	37.3	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 16000	33.5	36.0	36.1	36.2	36.3	36.7	37.3	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 14000	34.0	36.5	36.6	36.7	36.8	37.1	37.7	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 12000	34.2	36.7	36.8	36.9	37.0	37.3	38.0	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 10000	35.5	38.1	38.2	38.3	38.4	38.7	39.4	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 9000	35.5	38.1	38.2	38.3	38.4	38.7	39.4	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 8000	35.8	38.5	38.6	38.7	38.8	39.1	39.8	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 7000	36.5	39.5	39.6	39.7	39.8	40.1	40.8	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 6000	36.9	39.9	40.0	40.1	40.2	40.5	41.2	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 5000	38.4	41.9	42.0	42.2	42.3	42.6	43.2	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 4500	39.6	43.1	43.3	43.5	43.7	44.0	44.6	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 4000	41.0	44.8	45.1	45.4	45.5	45.8	46.5	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 3500	42.2	46.2	46.6	46.9	47.0	47.3	48.0	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 3000	45.6	50.2	50.5	50.9	51.0	51.3	52.0	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0
≥ 2500	48.7	54.5	55.5	55.9	56.5	56.9	57.6	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2
≥ 2000	53.1	59.1	60.3	61.2	62.3	62.9	64.1	65.6	65.7	65.8	66.0	66.0	66.0	66.0	66.0
≥ 1800	54.5	61.1	62.4	63.2	64.5	65.2	66.5	68.1	68.2	68.3	68.5	68.5	68.5	68.5	68.5
≥ 1500	57.1	64.8	66.3	67.2	69.1	69.8	72.3	73.9	74.1	74.4	74.6	74.6	74.6	74.6	74.6
≥ 1200	58.8	66.8	68.6	69.6	72.0	72.8	75.7	77.5	77.7	78.2	78.4	78.4	78.4	78.4	78.4
≥ 1000	60.3	68.4	70.5	71.8	74.5	75.3	78.5	81.0	81.3	82.0	82.3	82.3	82.3	82.3	82.3
≥ 900	60.3	68.4	70.6	72.0	74.8	75.6	78.8	83.5	81.8	82.6	82.9	82.9	83.1	83.1	83.2	83.2
≥ 800	60.5	69.0	71.3	72.7	75.6	76.3	79.6	82.5	83.2	84.1	84.5	84.5	84.7	84.7	84.8	84.8
≥ 700	61.0	70.0	72.4	74.0	77.0	77.7	81.2	84.1	85.1	86.1	86.6	86.6	87.0	87.0	87.1	87.1
≥ 600	61.1	70.2	72.9	74.5	77.5	78.5	82.0	85.5	86.6	88.0	88.4	88.4	88.8	88.8	88.9	88.9
≥ 500	61.3	70.9	73.8	75.6	78.9	80.0	83.5	87.4	88.7	90.3	91.5	91.5	92.2	92.2	92.3	92.6
≥ 400	61.3	70.9	73.9	75.7	79.0	80.3	84.0	87.8	89.2	91.4	93.0	93.0	93.7	93.7	93.8	94.1
≥ 300	61.3	71.0	74.0	75.9	79.5	80.9	84.8	88.8	90.3	92.7	94.3	94.4	95.7	95.7	96.3	97.0
≥ 200	61.3	71.0	74.0	75.9	79.5	80.9	84.8	88.9	90.9	93.8	95.6	95.7	97.3	97.3	98.2	98.8
≥ 100	61.3	71.0	74.0	75.9	79.5	80.9	84.8	88.9	90.9	93.8	95.6	95.7	97.3	97.3	98.4	99.7
≥ 0	61.3	71.0	74.0	75.9	79.5	80.9	84.8	88.9	90.9	93.8	95.6	95.7	97.3	97.3	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 9-78 JAN
STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	28.7	30.4	30.9	30.9	31.1	31.1	31.6	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.9
≥ 20000	29.2	30.9	31.5	31.5	31.7	31.7	32.1	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4
≥ 18000	29.3	31.0	31.6	31.6	31.8	31.8	32.2	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5
≥ 16000	29.4	31.1	31.7	31.7	31.9	31.9	32.3	32.5	32.5	32.7	32.7	32.7	32.7	32.7	32.7
≥ 14000	30.2	31.9	32.4	32.4	32.8	32.8	33.2	33.4	33.4	33.5	33.5	33.5	33.5	33.5	33.5
≥ 12000	30.6	32.3	32.9	32.9	33.2	33.2	33.6	33.8	33.8	33.9	33.9	33.9	33.9	33.9	33.9
≥ 10000	32.1	34.3	34.8	34.8	35.2	35.2	35.8	36.1	36.1	36.2	36.2	36.2	36.2	36.2	36.2
≥ 9000	32.4	34.6	35.1	35.1	35.6	35.6	36.1	36.4	36.4	36.5	36.5	36.5	36.5	36.5	36.5
≥ 8000	32.9	35.1	35.7	35.7	36.1	36.1	36.6	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1
≥ 7000	33.5	35.8	36.3	36.3	36.7	36.7	37.3	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7
≥ 6000	34.3	36.5	37.1	37.1	37.5	37.5	38.0	38.4	38.4	38.6	38.6	38.6	38.6	38.6	38.6
≥ 5000	35.3	38.0	38.6	38.6	39.1	39.1	39.7	40.0	40.0	40.2	40.2	40.2	40.2	40.2	40.2
≥ 4500	36.4	39.4	40.1	40.1	40.6	40.6	41.2	41.5	41.5	41.7	41.7	41.7	41.7	41.7	41.7
≥ 4000	37.3	40.9	41.8	42.0	42.7	42.7	43.2	43.5	43.5	43.8	43.8	43.8	43.8	43.8	43.8
≥ 3500	37.6	41.7	42.6	42.8	43.5	43.5	44.1	44.4	44.4	44.6	44.6	44.6	44.6	44.6	44.6
≥ 3000	41.4	46.3	47.7	48.1	48.8	48.8	49.4	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1
≥ 2500	44.2	49.8	51.9	52.6	53.8	53.8	54.5	55.2	55.2	55.4	55.6	55.6	55.6	55.6	55.6
≥ 2000	48.0	54.6	57.4	58.5	60.6	60.8	62.6	63.4	63.5	63.8	64.0	64.0	64.0	64.0	64.0
≥ 1800	49.2	56.7	59.6	60.7	63.1	63.4	65.5	66.4	66.5	66.9	67.1	67.1	67.1	67.1	67.1
≥ 1500	52.8	60.8	63.9	65.1	68.1	68.4	70.6	71.6	71.7	72.2	72.7	72.7	72.7	72.7	72.7
≥ 1200	54.6	63.0	66.4	67.6	71.1	71.8	74.4	75.4	75.6	76.3	76.8	76.8	76.8	76.8	76.8
≥ 1000	56.4	65.1	68.5	70.0	73.8	74.5	77.4	78.8	79.1	79.8	80.9	80.9	81.1	81.1	81.1
≥ 900	56.7	65.5	69.1	70.6	74.4	75.0	78.1	79.7	80.2	81.0	82.2	82.2	82.5	82.5	82.5
≥ 800	57.1	65.9	69.7	71.2	75.3	76.0	79.1	80.9	81.5	82.4	84.1	84.1	84.7	84.7	84.7
≥ 700	57.2	66.7	70.6	72.1	76.4	77.3	80.4	82.2	83.1	84.3	85.9	85.9	86.5	86.5	86.5
≥ 600	57.3	66.8	71.0	72.7	77.4	78.6	81.8	84.4	85.9	87.4	89.2	89.2	90.0	90.0	90.0
≥ 500	57.4	67.1	71.8	73.6	78.4	79.7	83.3	85.9	87.4	89.0	91.3	9 3	92.0	92.0	92.3	92.5
≥ 400	57.4	67.1	71.8	73.6	78.7	80.0	83.6	86.5	88.6	90.4	92.7	92.7	93.5	93.5	94.0	94.3
≥ 300	57.4	67.2	71.9	74.0	79.1	80.6	84.6	87.9	90.6	92.8	95.2	95.2	96.3	96.3	97.5	98.1
≥ 200	57.4	67.2	72.1	74.2	79.3	80.8	84.8	88.1	91.1	93.4	96.0	96.0	97.5	97.5	98.8	99.4
≥ 100	57.4	67.2	72.1	74.2	79.4	80.9	84.9	88.3	91.2	93.5	96.1	96.1	97.6	97.6	99.1	99.7
≥ 0	57.4	67.2	72.1	74.2	79.4	80.9	84.9	88.3	91.2	93.5	96.1	96.1	97.6	97.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 928

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-78 | JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS | 0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	<¼	
NO CEILING	29.8	31.9	32.3	32.4	32.7	32.8	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
≥ 20000	31.6	33.8	34.3	34.4	34.8	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
≥ 18000	32.1	34.2	34.8	34.9	35.2	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 16000	32.7	34.9	35.4	35.5	35.8	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 14000	33.5	35.6	36.2	36.3	36.6	36.7	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 12000	34.3	36.5	37.0	37.1	37.5	37.6	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 10000	35.5	38.1	38.8	38.9	39.2	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 9000	35.8	38.5	39.2	39.3	39.6	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 8000	37.5	40.2	40.8	40.9	41.2	41.3	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 7000	38.4	41.2	41.9	42.0	42.3	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 6000	39.3	42.1	42.7	42.8	43.2	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 5000	40.0	43.1	43.7	43.8	44.1	44.2	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 4500	40.6	43.7	44.5	44.6	45.1	45.2	45.5	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 4000	42.6	46.0	46.9	47.1	47.8	48.0	48.3	48.4	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 3500	43.3	47.0	48.2	48.5	49.3	49.5	49.8	49.9	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 3000	44.9	49.3	50.5	50.8	52.1	52.3	52.6	52.9	53.0	53.2	53.2	53.2	53.3	53.3	53.3	53.3
≥ 2500	46.9	53.0	54.8	55.7	57.3	57.6	58.1	58.3	58.8	59.2	59.5	59.5	59.8	59.8	59.8	59.8
≥ 2000	48.8	56.4	58.7	60.0	62.5	63.0	64.3	64.7	65.2	65.8	66.3	66.3	66.7	66.8	66.8	66.8
≥ 1800	49.3	57.1	59.4	60.9	63.5	63.9	65.2	65.8	66.3	67.1	67.8	67.8	68.4	68.5	68.5	68.5
≥ 1500	51.5	60.3	63.0	64.6	67.9	68.7	70.8	71.7	72.3	73.4	74.6	74.6	75.1	75.3	75.5	75.5
≥ 1200	51.9	61.7	64.7	66.3	70.1	70.9	73.2	74.4	75.1	76.3	77.6	77.6	78.4	78.6	78.7	78.7
≥ 1000	52.7	62.9	65.9	67.7	71.7	72.6	75.0	76.2	77.0	78.5	79.9	79.9	80.9	81.2	81.3	81.3
≥ 900	53.3	63.6	66.7	68.9	73.3	74.2	76.6	77.9	78.9	80.5	82.0	82.0	83.1	83.3	83.4	83.4
≥ 800	53.9	64.5	67.6	69.8	74.3	75.3	77.8	79.2	80.3	81.9	84.1	84.1	85.3	85.5	85.6	85.6
≥ 700	54.3	64.9	68.2	70.5	75.0	76.2	78.8	80.2	81.4	83.4	85.8	85.8	87.0	87.2	87.3	87.3
≥ 600	54.3	65.0	68.6	70.8	75.6	77.0	79.5	81.3	82.7	85.3	87.7	87.8	89.0	89.2	89.5	89.5
≥ 500	54.4	65.3	69.2	71.6	76.5	77.9	81.2	83.0	84.7	87.3	90.2	90.3	91.5	91.7	92.4	92.4
≥ 400	54.4	65.3	69.3	71.9	76.9	78.3	81.5	83.5	85.4	88.3	91.3	91.5	93.1	93.5	94.2	94.2
≥ 300	54.4	65.6	69.5	72.1	77.1	78.5	81.7	83.9	86.3	89.2	92.7	93.0	94.8	95.4	96.7	96.9
≥ 200	54.4	65.6	69.5	72.1	77.1	78.5	81.7	83.9	86.7	89.6	93.2	93.8	96.3	97.0	98.4	98.7
≥ 100	54.4	65.6	69.5	72.1	77.1	78.5	81.7	83.9	86.8	89.7	93.3	93.9	96.4	97.2	98.7	99.5
≥ 0	54.4	65.6	69.5	72.1	77.1	78.5	81.7	83.9	86.8	89.7	93.3	93.9	96.4	97.2	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 69-78 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥¼	≥0
NO CEILING	30.1	31.2	31.4	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 20000	33.9	35.1	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 18000	34.5	35.7	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 9000	35.7	36.9	37.1	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 4000	36.1	37.4	37.7	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 3000	37.4	38.7	39.0	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 2500	40.1	41.6	41.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 2000	40.2	41.7	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	42.3
≥ 1800	41.5	43.1	43.4	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 1500	42.0	43.7	44.0	44.3	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 1200	42.9	44.5	44.8	45.2	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 1000	44.1	45.8	46.2	46.6	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 900	44.6	46.6	47.0	47.3	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 800	46.3	48.8	49.4	49.8	50.5	50.5	50.9	50.9	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 700	46.7	49.2	49.9	50.3	51.2	51.2	51.5	51.5	51.6	51.8	51.8	51.8	51.8	.8	51.8	51.8
≥ 600	48.1	50.9	51.6	52.2	53.3	53.3	53.7	53.8	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 500	51.9	55.6	56.9	57.5	59.5	59.5	59.9	60.0	60.4	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 400	55.5	60.5	62.5	63.2	65.8	66.2	67.0	67.1	67.6	68.3	68.7	68.7	68.8	68.8	68.8	68.8
≥ 300	56.0	61.4	63.4	64.2	66.8	67.2	68.0	68.1	68.6	69.2	69.7	69.7	69.8	69.8	69.8	69.8
≥ 200	58.4	65.3	67.6	69.1	72.0	72.6	74.0	74.3	75.1	76.2	77.0	77.0	77.4	77.4	77.5	77.5
≥ 100	58.9	66.3	68.8	70.4	73.4	74.0	75.6	76.0	76.8	78.1	78.9	78.9	79.7	79.7	79.8	79.8
≥ 0	59.7	67.4	69.9	71.6	74.9	75.5	77.2	78.0	79.0	80.3	81.3	81.5	82.5	82.5	82.7	82.7
≥ 900	60.0	68.4	71.0	72.7	76.6	77.3	79.0	79.9	81.1	82.4	83.5	83.8	84.7	84.7	84.9	84.9
≥ 800	60.1	68.5	71.1	72.8	76.8	77.6	79.5	80.3	81.7	83.0	84.7	84.9	85.9	85.9	86.3	86.6
≥ 700	60.6	69.5	72.2	74.0	78.2	79.0	80.9	81.9	83.3	84.8	86.7	86.9	87.8	87.8	88.3	88.5
≥ 600	60.8	69.7	72.5	74.3	78.8	79.7	81.5	82.7	84.2	85.8	87.7	88.0	88.9	88.9	89.4	89.6
≥ 500	60.8	69.8	72.9	74.7	79.4	80.3	82.3	83.4	85.4	87.2	89.6	89.9	91.1	91.1	91.9	92.2
≥ 400	60.8	69.8	73.0	74.8	79.9	81.0	83.1	84.4	87.0	88.9	91.6	91.9	93.2	93.2	94.1	94.3
≥ 300	60.8	69.8	73.0	74.8	79.9	81.0	83.2	84.6	87.5	89.7	92.8	93.2	95.1	95.5	96.5	96.7
≥ 200	60.8	69.8	73.0	74.8	79.9	81.0	83.2	84.6	88.0	90.3	93.4	93.9	96.2	97.5	98.7	98.9
≥ 100	60.8	69.8	73.0	74.8	79.9	81.0	83.2	84.6	88.0	90.3	93.4	93.9	96.2	97.5	98.7	99.4
≥ 0	60.8	69.8	73.0	74.8	79.9	81.0	83.2	84.6	88.0	90.3	93.4	93.9	96.2	97.5	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 9-76 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

CEILING FEET	VISIBILITY IN STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥⅛	0	≥¼	≥0	
NO CEILING	33.7	34.0	34.0	34.0	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	
≥ 25000	36.9	37.6	37.6	37.6	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	
≥ 18000	37.4	38.2	38.2	38.2	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	
≥ 14000	37.8	38.6	38.6	38.6	38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	
≥ 12000	38.8	39.7	39.7	39.7	40.0	40.0	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	
≥ 10000	39.5	40.4	40.4	40.4	40.8	40.8	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	
≥ 9000	43.4	44.5	44.5	44.5	44.8	44.8	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	
≥ 8000	44.5	45.6	45.6	45.7	46.0	46.0	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	
≥ 7000	45.7	47.0	47.0	47.1	47.4	47.4	47.5	47.6	47.6	47.6	47.8	47.8	47.8	47.8	47.8	
≥ 6000	46.6	48.1	48.2	48.4	48.8	48.8	48.9	49.0	49.0	49.0	49.2	49.2	49.2	49.2	49.2	
≥ 5000	46.9	48.4	48.5	48.7	49.1	49.1	49.2	49.4	49.4	49.5	49.7	49.7	49.7	49.7	49.7	
≥ 4500	48.0	49.6	49.8	50.0	50.5	50.5	50.6	50.8	50.8	50.9	51.1	51.1	51.1	51.1	51.1	
≥ 4000	48.2	50.3	50.5	50.8	51.4	51.4	51.5	51.6	51.6	51.7	51.9	51.9	51.9	51.9	51.9	
≥ 3500	49.6	51.7	51.9	52.3	52.9	52.9	53.0	53.1	53.1	53.2	53.4	53.4	53.4	53.4	53.4	
≥ 3000	50.4	52.7	52.9	53.2	54.0	54.0	54.1	54.2	54.2	54.3	54.5	54.5	54.5	54.5	54.5	
≥ 2500	51.5	53.9	54.6	55.2	56.2	56.2	56.3	56.5	56.6	56.7	56.9	56.9	56.9	56.9	56.9	
≥ 2000	54.6	57.8	59.5	60.2	61.8	61.9	62.6	62.9	63.0	63.2	63.5	63.5	63.5	63.5	63.5	
≥ 1800	58.3	62.8	64.9	65.8	67.7	68.3	69.4	69.7	69.8	70.3	70.9	70.9	70.9	70.9	70.9	
≥ 1500	59.4	64.1	66.2	67.1	69.0	69.7	70.9	71.2	71.3	71.9	72.5	72.5	72.5	72.5	72.5	
≥ 1200	61.8	67.6	70.3	71.3	74.1	74.9	76.8	77.5	78.0	78.9	79.7	79.7	79.8	79.8	80.0	
≥ 1000	62.5	69.0	71.7	72.8	75.9	76.8	78.8	79.6	80.1	81.4	82.5	82.5	82.7	82.7	82.9	
≥ 900	63.3	70.3	73.1	74.3	77.7	78.7	80.8	82.2	83.2	84.7	86.0	86.0	86.3	86.3	86.8	
≥ 800	63.4	70.4	73.4	74.8	78.6	79.7	81.7	83.1	84.2	85.8	87.2	87.2	87.5	87.5	88.0	
≥ 700	63.5	70.6	73.7	75.3	79.4	80.6	82.8	84.2	85.3	86.9	88.3	88.4	88.8	88.8	89.2	
≥ 600	63.5	70.6	73.7	75.4	79.6	81.1	83.4	85.1	86.2	87.8	89.2	89.4	89.8	89.8	90.2	
≥ 500	63.7	70.8	73.9	75.6	79.9	81.4	83.8	85.6	86.9	88.6	90.1	90.2	90.6	90.6	91.1	
≥ 400	63.7	70.8	74.0	75.7	80.2	81.7	84.1	86.0	87.5	89.6	91.6	91.8	92.4	92.4	93.0	
≥ 300	63.7	70.9	74.1	75.9	80.6	82.4	84.8	86.8	88.6	90.9	93.3	93.5	94.3	94.3	94.9	
≥ 200	63.7	70.9	74.1	75.9	80.8	82.6	85.1	87.0	89.2	91.6	94.3	94.8	95.9	96.7	97.3	
≥ 100	63.7	70.9	74.1	75.9	80.8	82.6	85.1	87.0	89.6	91.9	94.7	95.4	96.8	97.8	98.6	
≥ 0	63.7	70.9	74.1	75.9	80.8	82.6	85.1	87.0	89.6	91.9	94.7	95.5	97.0	98.1	98.8	
	63.7	70.9	74.1	75.9	80.8	82.6	85.1	87.0	89.6	91.9	94.7	95.5	97.0	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 59-78 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥	≥	≥	≥	≥	≥	≥	≥	≥
NO CEILING	35.4	36.3	36.5	36.6	37.0	37.2	37.2	37.4	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 20000	38.1	39.4	39.6	39.7	40.1	40.3	40.3	40.5	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 18000	38.7	40.0	40.2	40.3	40.8	41.0	41.0	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 17000	38.8	40.1	40.3	40.4	40.9	41.1	41.1	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 14000	39.2	40.5	40.8	40.9	41.3	41.5	41.5	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 12000	41.0	42.4	42.6	42.7	43.2	43.4	43.4	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 10000	42.9	44.5	44.7	45.1	45.6	45.9	45.9	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 9000	43.8	45.5	45.7	46.0	46.6	46.9	46.9	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 8000	46.3	48.2	48.4	48.7	49.2	49.6	49.6	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 7000	47.4	49.2	49.5	49.8	50.4	50.8	50.8	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 6000	48.5	50.3	50.5	50.9	51.5	51.8	51.8	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 5000	49.2	51.5	51.8	52.2	52.9	53.2	53.2	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 4500	49.8	52.3	52.6	53.0	53.8	54.2	54.2	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 4000	50.2	53.1	54.0	54.4	55.4	55.8	55.8	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 3500	50.6	53.9	54.8	55.4	56.3	56.9	56.9	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 3000	53.9	57.7	59.1	59.9	61.0	61.5	61.8	62.0	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 2500	56.7	61.5	63.4	64.4	65.8	66.8	67.7	68.0	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 2000	59.1	64.5	67.3	68.6	71.0	72.0	73.0	73.2	73.8	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 1800	59.6	65.2	68.0	69.2	71.6	72.7	73.9	74.1	74.6	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 1500	62.0	68.3	71.5	73.0	75.9	77.3	78.6	79.0	79.8	80.3	80.3	80.3	80.5	80.5	80.6	80.6
≥ 1200	63.2	69.8	73.0	74.9	78.1	79.5	80.9	81.6	82.8	83.3	83.3	83.3	83.5	83.5	83.7	83.7
≥ 1000	64.0	70.9	74.9	76.9	80.3	81.9	83.4	84.6	86.0	87.0	87.0	87.0	87.2	87.2	87.3	87.3
≥ 900	64.1	71.3	75.5	77.5	81.2	82.8	84.7	86.1	87.5	88.6	88.6	88.6	88.8	88.8	88.9	88.9
≥ 800	64.9	72.2	76.5	78.5	82.2	83.9	85.8	87.4	88.8	89.9	90.2	90.2	90.5	90.5	90.6	90.6
≥ 700	64.9	72.3	76.6	78.6	82.5	84.4	86.3	88.2	89.6	90.8	91.3	91.3	91.6	91.6	91.7	91.7
≥ 600	64.9	72.6	76.9	78.9	82.8	84.9	87.0	89.0	90.5	91.8	92.5	92.5	93.0	93.0	93.1	93.1
≥ 500	65.1	72.9	77.2	79.2	83.2	85.4	87.6	89.8	91.4	93.0	93.8	93.9	94.4	94.4	94.5	94.8
≥ 400	65.1	72.9	77.2	79.2	83.2	85.5	87.7	90.0	91.9	93.7	94.5	94.8	95.4	95.4	95.5	95.8
≥ 300	65.1	72.9	77.2	79.2	83.2	85.5	87.8	90.3	92.9	94.7	96.1	96.6	97.4	97.4	97.5	97.8
≥ 200	65.1	72.9	77.2	79.2	83.2	85.5	87.8	90.3	93.1	95.1	96.5	97.1	98.0	98.3	98.4	99.0
≥ 100	65.1	72.9	77.2	79.2	83.3	85.6	88.0	90.4	93.2	95.2	96.6	97.2	98.1	98.5	98.6	100.0
0	65.1	72.9	77.2	79.2	83.3	85.6	88.0	90.4	93.2	95.2	96.6	97.2	98.1	98.5	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 9-78 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	0
NO CEILING	33.1	34.2	34.5	34.5	34.5	34.5	34.5	34.7	34.9	35.1	35.2	35.2	35.3	35.4	35.5	35.5
≥ 25000	34.2	35.4	35.8	35.8	35.8	35.8	35.8	36.0	36.2	36.3	36.5	36.5	36.6	36.7	36.8	36.8
≥ 18000	34.5	35.7	36.1	36.1	36.1	36.1	36.1	36.3	36.6	36.7	36.8	36.8	36.9	37.0	37.1	37.1
≥ 6000	34.6	35.8	36.2	36.2	36.2	36.2	36.2	36.5	36.7	36.8	36.9	36.9	37.0	37.1	37.2	37.2
≥ 14000	35.6	36.9	37.4	37.4	37.4	37.4	37.4	37.6	37.8	38.0	38.1	38.1	38.2	38.3	38.4	38.4
≥ 12000	36.3	37.6	38.2	38.2	38.2	38.2	38.2	38.4	38.6	38.7	38.8	38.8	38.9	39.0	39.1	39.1
≥ 10000	37.7	39.0	39.6	39.6	39.6	39.6	39.6	39.8	40.0	40.1	40.2	40.2	40.3	40.4	40.5	40.5
≥ 9000	38.3	39.6	40.1	40.1	40.1	40.1	40.1	40.3	40.5	40.6	40.8	40.8	40.9	41.0	41.1	41.1
≥ 8000	40.1	41.7	42.3	42.3	42.5	42.5	42.5	42.7	42.9	43.0	43.1	43.1	43.2	43.3	43.4	43.4
≥ 7000	41.0	42.6	43.1	43.1	43.4	43.4	43.4	43.7	43.9	44.0	44.1	44.1	44.2	44.3	44.4	44.4
≥ 6000	41.9	43.5	44.1	44.2	44.8	44.8	44.8	45.1	45.3	45.4	45.5	45.5	45.6	45.7	45.8	45.8
≥ 5000	44.3	45.9	46.5	46.8	47.4	47.5	47.5	47.7	48.0	48.1	48.2	48.2	48.3	48.4	48.5	48.5
≥ 4500	45.3	47.0	47.5	48.0	48.7	48.8	48.8	49.0	49.2	49.4	49.5	49.5	49.6	49.7	49.8	49.8
≥ 4000	47.0	49.4	50.1	50.5	51.4	51.6	51.6	51.8	52.0	52.2	52.3	52.3	52.4	52.5	52.6	52.6
≥ 3500	48.5	51.1	51.8	52.4	53.2	53.4	53.5	53.8	54.0	54.1	54.2	54.2	54.3	54.4	54.5	54.5
≥ 3000	51.1	53.8	54.8	55.8	56.9	57.2	57.6	57.8	58.1	58.5	58.6	58.6	58.7	58.8	58.9	58.9
≥ 2500	53.9	57.3	59.0	60.1	61.8	62.2	62.7	62.9	63.1	63.5	63.7	63.7	63.8	63.9	64.0	64.0
≥ 2000	55.6	60.0	62.4	63.5	66.1	66.6	67.4	67.8	68.1	68.5	68.6	68.6	68.7	68.8	68.9	68.9
≥ 1800	57.4	61.9	64.5	65.7	68.4	69.0	70.0	70.4	70.6	71.1	71.2	71.2	71.3	71.4	71.5	71.5
≥ 1500	59.8	65.2	68.1	69.6	72.8	73.9	75.4	75.9	76.5	77.1	77.2	77.5	77.6	77.7	77.8	77.8
≥ 1200	61.4	67.2	70.3	72.0	75.7	76.9	78.6	79.2	79.9	80.6	80.8	81.1	81.2	81.3	81.4	81.4
≥ 1000	62.4	68.5	72.2	74.2	78.3	79.6	81.6	82.7	83.5	84.6	85.1	85.4	85.5	85.6	85.7	85.7
≥ 900	62.5	69.1	72.8	74.8	79.0	80.3	82.4	83.4	84.4	85.5	86.1	86.5	86.6	86.7	86.8	86.8
≥ 800	63.4	70.3	74.2	76.3	80.5	81.9	84.2	85.4	86.7	87.8	88.5	88.8	89.0	89.1	89.2	89.2
≥ 700	64.0	71.2	75.1	77.2	81.4	82.9	85.3	86.6	88.0	89.4	90.2	90.5	90.8	90.9	91.0	91.0
≥ 600	64.1	71.5	75.4	77.5	81.7	83.3	85.8	87.2	88.6	90.2	91.1	91.4	91.6	91.7	91.8	91.8
≥ 500	64.1	71.6	75.5	77.6	82.4	84.0	86.6	88.2	89.9	91.7	92.9	93.2	93.5	93.7	93.8	94.1
≥ 400	64.1	71.7	75.6	77.7	82.5	84.4	87.2	89.2	91.1	93.1	94.3	94.7	95.4	95.5	95.6	95.9
≥ 300	64.1	71.7	75.6	77.7	82.5	84.4	87.4	89.7	91.6	93.7	95.3	95.8	96.6	96.7	97.0	97.3
≥ 200	64.1	71.7	75.6	77.7	82.5	84.4	87.4	89.7	91.9	94.3	96.1	96.7	97.6	98.2	98.5	98.9
≥ 100	64.1	71.7	75.6	77.7	82.5	84.4	87.4	89.7	92.2	94.5	96.3	96.9	98.1	98.6	99.0	99.6
≥ 0	64.1	71.7	75.6	77.7	82.5	84.4	87.4	89.7	92.2	94.5	96.3	96.9	98.1	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 79-7d JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0			
NO CEILING	32.2	33.5	33.8	33.9	34.1	34.2	34.3	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.7	34.7
≥ 12000	34.0	35.5	35.8	35.9	36.1	36.2	36.4	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.8
≥ 8000	34.5	36.0	36.3	36.4	36.6	36.7	36.9	37.0	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 6000	34.8	36.3	36.6	36.7	36.9	37.0	37.2	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.6
≥ 4500	35.4	37.0	37.3	37.4	37.6	37.7	38.0	38.1	38.2	38.2	38.2	38.2	38.3	38.3	38.3	38.3
≥ 3000	36.2	37.8	38.1	38.2	38.5	38.6	38.8	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.2
≥ 2500	38.0	39.8	40.2	40.3	40.6	40.7	40.9	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.3	41.3
≥ 2000	38.5	40.3	40.7	40.8	41.1	41.2	41.4	41.6	41.7	41.7	41.7	41.7	41.8	41.8	41.8	41.8
≥ 1800	39.8	41.7	42.1	42.2	42.6	42.7	42.9	43.1	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3
≥ 1500	40.6	42.6	43.0	43.1	43.5	43.6	43.9	44.0	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.3
≥ 1000	41.3	43.4	43.7	43.9	44.4	44.5	44.7	44.9	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.2
≥ 900	42.7	44.9	45.3	45.6	46.1	46.2	46.4	46.6	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8
≥ 800	43.4	45.9	46.3	46.6	47.2	47.3	47.6	47.8	47.9	47.9	47.9	47.9	48.0	48.0	48.0	48.0
≥ 700	44.8	47.7	48.3	48.6	49.3	49.5	49.8	50.0	50.1	50.2	50.3	50.3	50.3	50.3	50.3	50.4
≥ 650	45.6	48.6	49.3	49.8	50.5	50.7	51.0	51.2	51.4	51.5	51.5	51.5	51.5	51.5	51.6	51.6
≥ 600	48.0	51.5	52.5	53.1	54.1	54.3	54.7	55.0	55.2	55.4	55.5	55.5	55.5	55.5	55.5	55.5
≥ 550	50.9	55.4	57.0	57.8	59.3	59.6	60.4	60.8	61.1	61.4	61.5	61.5	61.5	61.5	61.6	61.6
≥ 500	54.0	59.4	61.6	62.7	64.9	65.4	66.6	67.2	67.5	67.9	68.2	68.2	68.3	68.3	68.3	68.4
≥ 450	55.0	60.8	63.1	64.2	66.5	67.1	68.4	69.0	69.3	69.8	70.1	70.1	70.2	70.2	70.2	70.3
≥ 400	57.6	64.4	67.0	68.4	71.3	72.1	73.9	74.8	75.3	76.0	76.5	76.5	76.7	76.8	76.9	76.9
≥ 350	58.9	66.1	68.9	70.4	73.7	74.5	76.7	77.7	78.4	79.2	79.8	79.8	80.1	80.1	80.2	80.3
≥ 300	59.9	67.5	70.5	72.2	75.8	76.7	79.1	80.5	81.4	82.5	83.3	83.4	83.7	83.8	83.9	83.9
≥ 250	60.1	67.9	71.1	72.9	76.7	77.7	80.1	81.7	82.7	83.9	84.7	84.8	85.2	85.2	85.4	85.4
≥ 200	60.7	68.7	72.0	73.8	77.7	78.8	81.3	83.0	84.2	85.4	86.6	86.6	87.1	87.2	87.4	87.4
≥ 150	61.0	69.2	72.6	74.5	78.5	79.7	82.3	84.1	85.5	86.9	88.1	88.2	88.7	88.8	89.0	89.0
≥ 100	61.0	69.4	72.9	74.9	79.1	80.4	83.1	85.2	86.7	88.3	89.6	89.7	90.3	90.3	90.5	90.6
≥ 70	61.1	69.7	73.4	75.4	79.8	81.2	84.1	86.3	88.1	89.9	91.6	91.8	92.5	92.5	92.9	93.1
≥ 50	61.1	69.7	73.5	75.5	80.1	81.6	84.6	87.0	89.1	91.1	93.1	93.3	94.2	94.2	94.6	94.9
≥ 30	61.1	69.8	73.5	75.6	80.3	81.9	85.0	87.5	90.1	92.3	94.6	94.9	96.2	96.4	97.0	97.4
≥ 20	61.1	69.8	73.5	75.7	80.3	81.9	85.0	87.6	90.4	92.8	95.3	95.6	97.2	97.7	98.5	99.0
≥ 10	61.1	69.8	73.5	75.7	80.3	81.9	85.0	87.6	90.5	92.9	95.3	95.7	97.4	97.9	98.7	99.7
≥ 0	61.1	69.8	73.5	75.7	80.3	81.9	85.0	87.6	90.5	92.9	95.3	95.7	97.4	97.9	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7437

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94830 K I SAWYER AFB MI 79-86 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	<¼
NO CEILING	38.2	40.2	40.2	40.2	40.7	40.7	40.9	41.0	41.0	41.0	41.1	41.1	41.3	41.3	41.3	41.3
≥ 20000	39.4	41.4	41.4	41.4	41.8	41.8	42.1	42.2	42.2	42.2	42.3	42.3	42.4	42.4	42.4	42.4
≥ 15000	39.8	41.8	41.8	41.8	42.3	42.3	42.6	42.7	42.7	42.7	42.8	42.8	42.9	42.9	42.9	42.9
≥ 12000	39.8	41.8	41.8	41.8	42.3	42.3	42.6	42.7	42.7	42.7	42.8	42.8	42.9	42.9	42.9	42.9
≥ 10000	40.2	42.2	42.2	42.2	42.8	42.8	43.0	43.1	43.1	43.1	43.3	43.3	43.4	43.4	43.4	43.4
≥ 9000	40.5	42.6	42.6	42.6	43.3	43.3	43.5	43.6	43.6	43.6	43.7	43.7	43.9	43.9	43.9	43.9
≥ 8000	42.3	44.4	44.4	44.4	45.2	45.2	45.4	45.5	45.5	45.5	45.6	45.6	45.7	45.7	45.7	45.7
≥ 7000	42.4	44.6	44.6	44.6	45.3	45.3	45.5	45.6	45.6	45.6	45.7	45.7	45.9	45.9	45.9	45.9
≥ 6500	43.0	45.3	45.3	45.3	46.0	46.0	46.2	46.3	46.3	46.3	46.5	46.5	46.6	46.6	46.6	46.6
≥ 6000	44.0	46.2	46.2	46.2	46.9	46.9	47.2	47.3	47.3	47.3	47.4	47.4	47.5	47.5	47.5	47.5
≥ 5500	45.2	47.4	47.4	47.4	48.5	48.5	48.7	48.8	48.8	48.8	48.9	48.9	49.1	49.1	49.1	49.1
≥ 5000	46.6	48.8	48.9	48.9	50.4	50.4	50.6	50.7	50.7	50.7	50.8	50.8	50.9	50.9	50.9	50.9
≥ 4500	47.6	50.1	50.2	50.2	51.8	51.8	52.0	52.1	52.1	52.1	52.2	52.2	52.4	52.4	52.4	52.4
≥ 4000	50.0	52.6	52.7	52.8	54.5	54.5	54.8	55.0	55.0	55.0	55.1	55.1	55.2	55.2	55.2	55.2
≥ 3500	51.2	53.9	54.4	54.6	56.6	56.6	57.0	57.1	57.1	57.1	57.4	57.4	57.6	57.6	57.6	57.6
≥ 3000	52.6	56.5	57.3	57.6	60.6	60.9	61.2	61.5	61.5	61.5	61.9	61.9	62.1	62.1	62.1	62.1
≥ 2500	55.0	60.4	61.3	61.6	65.2	65.8	66.8	67.1	67.1	67.1	67.6	67.6	67.7	67.7	67.7	67.7
≥ 2000	57.8	64.2	66.0	66.7	70.9	71.5	72.8	73.5	74.0	74.0	74.5	74.5	74.8	74.8	74.8	74.8
≥ 1800	59.6	66.1	68.0	68.7	72.9	73.5	74.8	75.7	76.1	76.1	76.6	76.6	77.0	77.0	77.0	77.0
≥ 1500	61.7	68.8	71.3	72.0	76.8	77.4	79.2	80.9	81.4	81.6	82.2	82.2	82.5	82.5	82.5	82.5
≥ 1200	63.0	70.8	73.4	74.2	79.4	80.3	82.3	83.9	84.6	85.0	85.6	85.6	85.9	85.9	85.9	85.9
≥ 1000	63.5	71.3	74.0	74.9	80.1	81.0	83.2	85.2	85.9	86.6	87.6	87.6	88.2	88.2	88.2	88.2
≥ 900	63.8	71.6	74.3	75.3	80.6	81.4	83.7	85.7	86.4	87.2	88.2	88.2	88.8	88.8	88.8	88.8
≥ 800	63.8	71.6	74.3	75.3	80.6	81.6	83.9	86.1	86.9	87.8	88.8	88.8	89.4	89.5	89.5	89.5
≥ 700	64.2	72.1	74.9	76.2	81.7	82.7	85.2	87.4	88.7	89.8	90.8	90.8	91.4	91.5	91.6	91.6
≥ 600	64.4	72.6	75.7	77.3	83.2	84.5	87.5	89.7	91.3	92.6	93.5	93.5	94.1	94.2	94.3	94.3
≥ 500	64.4	73.2	76.2	78.1	84.4	85.7	88.8	91.0	92.6	94.0	95.2	95.2	95.7	95.9	96.0	96.0
≥ 400	64.5	73.3	76.4	78.3	84.6	85.9	89.0	91.3	92.8	94.6	95.7	95.7	96.5	96.6	96.7	96.7
≥ 300	64.5	73.3	76.4	78.3	84.6	85.9	89.1	92.0	93.6	95.5	96.8	96.8	98.0	98.2	98.3	98.3
≥ 200	64.5	73.3	76.4	78.3	84.6	85.9	89.1	92.1	94.0	96.0	97.3	97.3	98.8	99.2	99.5	99.5
≥ 100	64.5	73.3	76.4	78.3	84.6	85.9	89.1	92.1	94.0	96.0	97.3	97.3	98.9	99.3	99.9	100.0
≥ 0	64.5	73.3	76.4	78.3	84.6	85.9	89.1	92.1	94.0	96.0	97.3	97.3	98.9	99.3	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94835 K I SAWYER AFB MI (STATION NAME) (9-70) FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 0	≥ ¼	≥ ½	≥ ¾	≥ 1	≥ 1¼	≥ 1½	≥ 1¾	≥ 2	≥ 2½	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8
NO CEILING	34.2	36.1	36.3	36.6	36.9	36.9	37.0	37.1	37.2	37.2	37.4	37.4	37.4	37.5	37.5	37.5
≥ 20000	34.8	36.6	36.9	37.2	37.5	37.5	37.6	37.7	37.8	37.8	37.9	37.9	37.9	38.1	38.1	38.1
≥ 18000	35.5	37.4	37.6	37.9	38.2	38.2	38.3	38.4	38.5	38.5	38.7	38.7	38.7	38.8	38.8	38.8
≥ 16000	35.5	37.4	37.6	37.9	38.2	38.2	38.3	38.4	38.5	38.5	38.7	38.7	38.7	38.8	38.8	38.8
≥ 14000	35.6	37.5	37.7	38.1	38.3	38.3	38.4	38.5	38.7	38.7	38.8	38.8	38.8	38.9	38.9	38.9
≥ 12000	35.9	37.8	38.1	38.4	38.7	38.7	38.8	38.9	39.0	39.0	39.1	39.1	39.1	39.2	39.2	39.2
≥ 10000	37.9	40.0	40.3	40.9	41.1	41.1	41.4	41.5	41.6	41.6	41.7	41.7	41.7	41.8	41.8	41.8
≥ 9000	38.3	40.3	40.7	41.3	41.5	41.5	41.7	41.8	42.0	42.0	42.1	42.1	42.1	42.2	42.2	42.2
≥ 8000	39.4	41.6	42.0	42.6	42.8	42.8	43.3	43.4	43.5	43.5	43.6	43.6	43.6	43.7	43.7	43.7
≥ 7000	40.9	43.1	43.5	44.1	44.3	44.3	44.8	44.9	45.0	45.0	45.2	45.2	45.2	45.3	45.3	45.3
≥ 6000	41.6	43.9	44.2	44.8	45.0	45.0	45.5	45.6	45.7	45.7	45.9	45.9	45.9	46.0	46.0	46.0
≥ 5000	44.3	46.8	47.2	47.8	48.0	48.0	48.5	48.6	48.7	48.7	48.8	48.8	48.8	48.9	48.9	48.9
≥ 4500	46.5	49.2	49.8	50.5	50.8	50.8	51.3	51.4	51.5	51.5	51.7	51.7	51.7	51.8	51.8	51.8
≥ 4000	48.0	50.9	51.7	52.4	53.0	53.1	53.5	53.7	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0
≥ 3500	48.8	51.9	52.7	53.7	54.3	54.5	55.0	55.2	55.4	55.4	55.6	55.6	55.6	55.7	55.7	55.7
≥ 3000	50.6	54.7	56.0	57.3	58.2	58.4	59.0	59.2	59.5	59.5	59.9	59.9	59.9	60.0	60.0	60.0
≥ 2500	53.4	58.0	59.8	61.3	62.9	63.5	64.5	64.9	65.1	65.1	65.7	65.7	65.7	65.8	65.8	65.8
≥ 2000	58.4	63.6	65.7	67.5	69.4	70.1	71.5	71.9	72.5	72.6	73.2	73.2	73.3	73.4	73.4	73.4
≥ 1800	59.7	65.6	67.8	69.7	71.7	72.7	74.1	74.5	75.2	75.3	75.9	75.9	76.0	76.1	76.1	76.1
≥ 1500	61.9	68.1	71.0	72.9	75.4	76.5	78.4	79.0	79.9	80.0	80.6	80.6	80.7	80.9	80.9	80.9
≥ 1200	64.1	70.7	73.8	76.0	78.7	79.9	82.0	82.7	83.7	83.8	84.4	84.4	84.5	84.6	84.6	84.6
≥ 1000	65.0	72.0	75.3	77.8	80.5	81.8	84.2	85.3	86.3	86.5	87.4	87.4	87.8	87.9	87.9	87.9
≥ 900	65.2	72.3	75.8	78.3	81.0	82.3	84.6	85.8	86.9	87.4	88.2	88.2	88.7	88.8	88.8	88.8
≥ 800	65.4	72.7	76.4	78.8	81.8	83.2	85.6	86.9	87.9	88.5	89.4	89.4	89.8	90.0	90.0	90.0
≥ 700	65.5	72.8	76.6	79.1	82.3	83.7	86.3	87.7	88.8	89.7	90.7	90.7	91.1	91.3	91.3	91.3
≥ 600	65.8	73.2	77.0	79.6	82.9	84.5	87.5	88.9	90.0	91.0	92.1	92.1	92.6	92.7	92.7	92.7
≥ 500	66.1	73.4	77.4	80.0	83.5	85.5	88.8	90.5	91.6	92.8	94.6	94.6	95.0	95.2	95.2	95.2
≥ 400	66.1	73.4	77.4	80.0	83.6	85.6	89.0	90.9	92.0	93.1	95.3	95.3	95.7	95.9	95.9	95.9
≥ 300	66.1	73.4	77.4	80.0	83.6	85.6	89.0	91.5	92.7	94.2	96.9	97.2	97.9	98.1	98.1	98.1
≥ 200	66.1	73.4	77.4	80.0	83.6	85.6	89.0	91.5	93.0	94.6	97.4	97.6	98.6	98.8	99.1	99.1
≥ 100	66.1	73.4	77.4	80.0	83.6	85.6	89.0	91.5	93.0	94.6	97.4	97.6	98.6	98.8	99.4	100.0
≥ 0	66.1	73.4	77.4	80.0	83.6	85.6	89.0	91.5	93.0	94.6	97.4	97.6	98.6	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94834 K I SAWYER AFB MI 9-73 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

CEILING (FEET)	≥ 10	≥ 7	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	< ¼
NO CEILING	28.3	30.1	30.5	30.6	31.0	31.0	31.0	31.1	31.1	31.1	31.1	31.3	31.3	31.3	31.3	31.3
≥ 20000	29.7	31.6	31.9	32.0	32.4	32.4	32.4	32.5	32.5	32.5	32.5	32.7	32.7	32.7	32.7	32.7
≥ 8000	29.7	31.6	31.9	32.0	32.4	32.4	32.4	32.5	32.5	32.5	32.5	32.7	32.7	32.7	32.7	32.7
≥ 6000	29.8	31.7	32.0	32.2	32.5	32.5	32.5	32.6	32.6	32.6	32.6	32.9	32.9	32.9	32.9	32.9
≥ 4000	30.1	32.0	32.4	32.5	32.9	32.9	32.9	33.0	33.0	33.0	33.0	33.2	33.2	33.2	33.2	33.2
≥ 3000	30.9	32.7	33.1	33.2	33.6	33.6	33.8	33.9	33.9	33.9	33.9	34.2	34.2	34.2	34.2	34.2
≥ 2500	31.7	33.8	34.2	34.3	34.6	34.6	35.0	35.1	35.1	35.1	35.1	35.3	35.3	35.3	35.3	35.3
≥ 2000	32.2	34.3	34.6	34.8	35.1	35.1	35.5	35.6	35.6	35.6	35.6	35.8	35.8	35.8	35.8	35.8
≥ 1800	33.6	35.7	36.1	36.2	36.6	36.6	37.1	37.2	37.2	37.2	37.2	37.5	37.5	37.5	37.5	37.5
≥ 1500	35.0	37.1	37.6	37.7	38.2	38.2	38.7	38.8	38.8	38.8	38.8	39.0	39.0	39.0	39.0	39.0
≥ 1200	36.1	38.5	39.0	39.1	39.6	39.6	40.1	40.2	40.2	40.2	40.2	40.4	40.4	40.4	40.4	40.4
≥ 1000	38.4	41.1	41.6	41.8	42.4	42.6	43.0	43.3	43.3	43.3	43.3	43.5	43.5	43.5	43.5	43.5
≥ 900	40.2	43.1	43.7	44.0	44.8	45.0	45.5	45.7	45.7	45.7	45.7	46.0	46.0	46.0	46.0	46.0
≥ 800	42.1	45.2	45.7	46.0	46.9	47.3	47.8	48.0	48.0	48.0	48.0	48.2	48.2	48.2	48.2	48.2
≥ 700	43.0	46.2	46.9	47.2	48.1	48.5	48.9	49.2	49.2	49.2	49.2	49.4	49.4	49.4	49.4	49.4
≥ 600	46.8	50.5	51.3	51.5	53.3	53.7	54.3	54.7	54.7	55.0	55.0	55.2	55.2	55.2	55.2	55.2
≥ 500	50.0	55.3	56.9	57.8	60.0	60.4	61.2	61.9	62.1	62.4	62.4	62.6	62.6	62.6	62.6	62.6
≥ 400	53.9	60.6	62.5	63.6	66.4	66.9	68.7	69.5	69.6	70.2	70.3	70.6	70.6	70.6	70.6	70.6
≥ 300	55.6	62.8	64.9	66.2	69.0	69.5	71.5	72.3	72.5	73.0	73.2	73.4	73.4	73.4	73.4	73.4
≥ 200	58.2	66.2	68.6	69.9	73.2	73.8	76.0	77.3	77.4	78.0	78.1	78.4	78.4	78.4	78.4	78.4
≥ 100	60.9	69.4	72.0	73.5	77.3	78.1	80.5	82.0	82.3	83.0	83.1	83.5	83.8	83.8	83.8	83.8
≥ 000	61.7	70.6	73.3	75.1	78.7	79.7	82.0	83.8	84.3	85.2	85.5	85.8	86.5	86.5	86.5	86.5
≥ 300	61.9	71.2	74.0	75.8	79.4	80.4	82.7	84.6	85.2	86.2	86.4	86.8	87.5	87.5	87.5	87.5
≥ 200	62.2	71.6	74.8	76.6	80.6	81.6	84.2	86.3	86.9	87.9	88.2	88.5	89.2	89.2	89.4	89.5
≥ 100	62.5	72.3	75.5	77.3	81.7	82.6	85.5	87.6	88.3	89.7	90.0	90.3	91.0	91.0	91.3	91.4
≥ 000	63.0	72.9	76.4	78.3	82.7	83.7	86.8	88.9	89.6	91.1	91.5	92.0	92.7	92.6	93.0	93.1
≥ 500	63.4	73.3	76.7	78.8	83.5	84.4	87.6	89.7	90.5	92.3	92.8	93.4	94.3	94.4	94.7	94.8
≥ 400	63.5	73.4	76.8	79.1	83.7	84.6	88.1	90.4	91.3	93.3	93.9	94.6	95.5	95.6	95.9	96.0
≥ 300	63.5	73.4	76.8	79.1	83.8	84.8	88.2	90.8	92.0	94.0	95.0	95.9	97.2	97.3	97.5	97.6
≥ 200	63.5	73.4	76.8	79.1	83.8	84.8	92.2	90.9	92.3	94.3	95.5	96.5	98.0	98.1	98.5	98.7
≥ 100	63.5	73.4	76.8	79.1	83.8	84.8	88.2	90.9	92.3	94.4	95.6	96.6	98.2	98.3	98.7	100.0
≥ 0	63.5	73.4	76.8	79.1	83.8	84.8	88.2	90.9	92.3	94.4	95.6	96.6	98.2	98.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 540

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 9-76 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

CEILING (FEET)																		
	29.3	31.0	31.8	31.8	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	
20000	30.4	32.2	33.0	33.0	33.7	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	
	31.0	32.9	33.8	33.8	34.6	34.6	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	
14000	31.2	33.1	34.0	34.0	34.9	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	
12000	31.6	33.6	34.5	34.5	35.3	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	
10000	32.7	34.8	35.7	35.7	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	
9000	34.2	36.2	37.1	37.1	37.9	37.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	
8000	34.4	36.8	37.7	37.7	38.5	38.5	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
7000	36.3	38.4	39.5	39.5	40.3	40.3	40.4	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	
6000	37.2	39.5	40.5	40.5	41.4	41.4	41.5	41.5	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	
5000	38.8	41.3	42.7	42.7	43.5	43.5	43.6	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	
4500	42.0	44.9	46.3	46.3	47.3	47.4	47.5	47.6	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	
4000	42.7	45.3	46.7	46.7	47.9	48.0	48.1	48.2	48.3	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	
3500	43.3	46.7	48.2	48.5	50.0	50.1	50.4	50.5	50.6	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.8	
3000	43.9	47.8	49.4	49.6	51.2	51.4	51.8	51.9	52.0	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	
2500	40.6	51.1	52.3	53.1	54.8	55.2	56.3	55.9	56.0	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5	
2000	49.2	54.8	57.2	57.4	60.2	60.6	61.6	62.1	62.3	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	
1800	51.8	58.7	61.2	61.6	64.8	65.5	67.3	68.2	69.5	70.4	70.9	71.0	71.2	71.2	71.2	71.2	71.2	
1600	53.2	60.9	62.9	63.2	66.4	67.1	69.0	70.0	71.3	72.2	72.7	72.8	72.9	72.9	72.9	72.9	72.9	
1400	56.0	63.5	66.7	67.5	71.2	72.1	74.9	76.0	77.8	79.0	79.0	79.7	79.9	79.9	79.9	79.9	79.9	
1200	57.4	65.1	68.8	69.7	73.6	74.8	78.0	79.2	81.3	82.5	83.2	83.6	84.2	84.2	84.2	84.2	84.2	
1000	58.5	66.4	70.2	71.4	76.0	77.2	80.9	82.2	84.6	86.1	87.2	87.8	88.7	88.7	88.7	88.7	88.7	
900	58.6	66.5	70.3	71.5	76.2	77.4	81.2	82.7	85.3	86.8	87.9	88.7	89.4	89.4	89.4	89.4	89.4	
800	58.9	66.9	70.8	72.0	77.0	78.3	82.0	83.7	86.4	87.9	89.2	90.0	90.2	90.9	90.9	90.9	90.9	
700	59.0	67.1	71.2	72.5	77.6	79.1	83.0	84.9	87.7	89.2	90.7	91.5	92.4	92.7	93.4	93.4	93.4	
600	59.0	67.4	71.4	72.8	78.3	79.6	83.5	85.3	88.2	89.7	91.1	92.0	92.9	93.1	93.9	93.9	93.9	
500	59.3	67.8	71.9	73.3	78.5	80.1	84.2	86.2	89.2	90.8	92.6	93.4	94.7	95.0	95.7	95.9	95.9	
400	59.3	68.0	72.0	73.4	79.0	80.3	84.6	86.8	90.0	91.5	93.3	94.1	95.4	96.2	96.7	96.8	96.8	
300	59.3	68.0	72.0	73.4	79.1	80.5	85.1	87.5	91.0	92.8	94.7	95.5	96.9	97.6	98.3	98.6	98.6	
200	59.3	68.0	72.0	73.4	79.1	80.5	85.1	87.5	91.0	92.8	94.8	95.6	97.4	98.2	98.9	99.2	99.2	
100	59.3	68.0	72.0	73.4	79.1	80.5	85.1	87.5	91.0	92.8	94.8	95.6	97.4	98.2	99.1	99.9	99.9	
0	59.3	68.0	72.0	73.4	79.1	80.5	85.1	87.5	91.0	92.8	94.8	95.6	97.4	98.2	99.1	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 864

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 59-72 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1½	≥ 1¼	≥ 1	≥ ⅞	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.0	34.3	34.8	34.8	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
≥ 20000	35.5	37.4	37.9	37.9	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 18000	36.2	38.2	38.7	38.7	38.9	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 16000	36.2	38.2	38.7	38.7	38.9	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 14000	37.6	39.8	40.2	40.2	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 12000	38.2	40.5	41.1	41.1	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 10000	40.0	42.4	43.0	43.0	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 9000	40.2	42.6	43.2	43.2	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 8000	40.8	43.3	43.9	43.9	44.1	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 7000	42.6	45.3	46.0	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
≥ 6000	44.0	46.7	47.7	47.7	47.9	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 5000	45.8	49.0	49.9	50.1	50.3	50.5	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 4500	46.3	49.5	50.4	50.5	50.8	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 4000	47.7	51.5	52.4	52.5	52.8	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 3500	49.3	53.4	54.6	54.8	55.1	55.6	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 3000	51.5	56.4	57.9	58.6	58.9	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 2500	55.1	60.8	62.2	63.0	63.6	64.4	64.7	65.3	65.7	65.8	65.9	65.9	66.0	66.0	66.0	66.0
≥ 2000	59.6	65.8	67.7	68.9	70.8	71.7	72.4	73.6	74.2	75.0	75.1	75.3	75.4	75.4	75.4	75.4
≥ 1800	60.6	67.2	69.1	70.4	72.3	73.3	74.0	75.1	75.7	76.6	76.7	76.8	76.9	76.9	76.9	76.9
≥ 1500	62.5	69.8	72.1	73.6	76.6	77.6	79.2	80.5	81.2	82.1	82.4	82.5	82.7	82.7	82.7	82.7
≥ 1200	64.1	72.0	74.7	76.4	79.9	81.1	83.2	84.6	85.3	86.3	86.6	86.7	87.0	87.0	87.0	87.0
≥ 1000	64.7	72.7	75.6	77.5	81.8	83.3	86.2	87.8	88.6	89.7	90.7	90.9	91.2	91.2	91.2	91.2
≥ 900	65.0	72.9	75.9	77.8	82.1	83.7	86.5	88.3	89.3	90.4	91.4	91.6	92.0	92.0	92.0	92.0
≥ 800	65.1	73.0	76.0	77.9	82.6	84.1	87.1	88.9	89.9	91.0	92.4	92.7	93.0	93.0	93.1	93.1
≥ 700	65.1	73.0	76.0	77.9	82.6	84.1	87.3	89.1	90.2	91.2	93.0	93.4	93.8	94.0	94.8	94.8
≥ 600	65.1	73.0	76.0	77.9	82.6	84.1	87.3	89.3	90.4	91.5	93.4	93.8	94.4	94.6	95.4	95.4
≥ 500	65.3	73.3	76.3	78.2	83.3	85.1	88.5	90.9	92.1	93.3	95.3	95.9	96.6	96.7	97.8	97.8
≥ 400	65.3	73.3	76.3	78.2	83.3	85.1	88.5	91.0	92.2	93.4	95.4	96.0	96.7	96.8	97.9	97.9
≥ 300	65.3	73.3	76.3	78.2	83.3	85.1	88.6	91.2	92.4	93.7	95.9	96.4	97.2	97.3	98.6	98.7
≥ 200	65.3	73.3	76.3	78.2	83.3	85.1	88.6	91.2	92.4	93.7	95.9	96.4	97.3	97.6	99.2	99.6
≥ 100	65.3	73.3	76.3	78.2	83.3	85.1	88.6	91.2	92.4	93.7	95.9	96.4	97.3	97.6	99.2	100.0
≥ 0	65.3	73.3	76.3	78.2	83.3	85.1	88.6	91.2	92.4	93.7	95.9	96.4	97.3	97.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 845

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 (WBAN) K I SAWYER AFB MI (STATION NAME) 9-76 (YEARS) FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥¼	≥0
NO CEILING	36.8	37.7	37.8	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
≥ 25000	40	41.4	41.5	41.5	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 18000	41.	42.1	42.2	42.2	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 16000	41.	42.3	42.4	42.4	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
14000	42.1	43.0	43.1	43.1	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 12000	43.3	44.2	44.3	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
≥ 10000	45.3	46.2	46.3	46.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 9000	45.7	46.7	46.8	46.9	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 8000	46.7	47.8	48.1	48.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 7000	48.6	49.9	50.4	50.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 6000	49.6	50.9	51.4	51.5	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 5000	51.4	52.7	53.3	53.7	54.3	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 4500	52.0	53.3	53.9	54.3	54.8	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 4000	53.9	55.7	56.3	56.6	57.3	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 3500	55.1	57.2	57.8	58.2	58.9	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 3000	57.9	60.3	61.2	61.7	62.6	62.9	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 2500	62.1	65.1	66.7	67.1	68.1	68.3	68.9	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 2000	65.0	69.7	72.2	72.8	74.2	74.6	75.6	76.4	76.8	77.3	77.3	77.3	77.4	77.4	77.4	77.4
≥ 1800	65.0	69.7	72.3	73.0	74.5	74.8	76.1	76.7	77.2	77.7	77.7	77.7	77.8	77.8	77.8	77.8
≥ 1500	66.1	71.5	74.6	75.4	77.2	77.9	79.7	80.9	81.6	82.5	82.7	83.1	83.3	83.3	83.6	83.6
≥ 1200	67.8	73.6	77.0	78.1	80.3	81.1	83.1	84.3	85.0	86.2	86.6	87.1	87.4	87.4	87.6	87.6
≥ 1000	68.8	75.2	78.6	79.9	82.2	83.2	86.1	87.2	87.9	89.5	90.3	90.8	91.1	91.1	91.4	91.4
≥ 900	68.9	75.4	79.0	80.3	82.6	83.7	86.6	87.8	88.5	90.1	90.9	91.4	91.8	91.8	92.1	92.1
≥ 800	69.4	76.0	79.6	80.9	83.2	84.3	87.2	88.8	89.7	91.3	92.3	92.8	93.5	93.6	93.9	93.9
≥ 700	69.5	76.1	79.8	81.1	83.5	84.5	87.5	89.0	90.0	91.5	92.6	93.0	93.9	94.1	94.9	94.9
≥ 600	69.5	76.1	79.8	81.1	83.6	84.6	87.9	89.5	90.4	92.0	93.0	93.5	94.8	95.0	95.9	95.9
≥ 500	69.5	76.2	79.9	81.2	83.7	84.9	88.2	90.1	91.0	92.6	93.6	94.1	95.6	95.9	96.7	96.7
≥ 400	69.5	76.2	79.9	81.3	83.8	85.0	88.5	90.5	91.5	93.1	94.4	94.9	96.6	96.9	97.8	97.8
≥ 300	69.5	76.2	79.9	81.3	83.8	85.0	88.5	90.5	91.6	93.6	95.2	95.6	97.4	97.8	98.6	98.6
≥ 200	69.5	76.2	79.9	81.3	83.8	85.0	88.5	90.5	91.6	93.6	95.5	96.0	98.0	98.5	99.5	99.9
≥ 100	69.5	76.2	79.9	81.3	83.8	85.0	88.5	90.5	91.6	93.6	95.5	96.0	98.0	98.5	99.5	100.0
≥ 0	69.5	76.2	79.9	81.3	83.8	85.0	88.5	90.5	91.6	93.6	95.5	96.0	98.0	98.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 69-78 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥⅛	≥0	≥¼	≥0
NO CEILING	40.7	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 20000	43.9	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.9	45.0	45.1	45.1	45.1	45.1	45.1	45.1
≥ 18000	44.5	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.6	45.7	45.8	45.8	45.8	45.8	45.8	45.8
≥ 16000	44.7	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.8	45.9	46.0	46.0	46.0	46.0	46.0	46.0
≥ 14000	45.7	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.7	46.9	47.0	47.0	47.0	47.0	47.0	47.0
≥ 12000	46.6	47.8	47.8	47.9	47.9	47.9	47.9	47.9	48.0	48.2	48.3	48.3	48.3	48.3	48.3	48.3
≥ 10000	48.4	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.8	49.9	50.1	50.1	50.1	50.1	50.1	50.1
≥ 9000	48.9	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.3	50.4	50.5	50.5	50.5	50.5	50.5	50.5
≥ 8000	49.3	50.5	50.5	50.7	50.7	50.7	50.7	50.7	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.0
≥ 7000	52.2	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8
≥ 6000	53.3	54.9	54.9	55.0	55.0	55.0	55.3	55.3	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6
≥ 5000	55.1	56.8	56.9	57.0	57.3	57.3	57.5	57.5	57.6	57.8	57.9	57.9	57.9	57.9	57.9	57.9
≥ 4500	56.1	57.8	57.9	58.0	58.2	58.2	58.5	58.5	58.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8
≥ 4000	57.3	58.9	59.1	59.2	59.5	59.6	60.0	60.0	60.2	60.4	60.5	60.5	60.5	60.5	60.5	60.5
≥ 3500	58.5	60.4	60.7	60.8	61.3	61.4	61.8	61.8	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2
≥ 3000	60.7	63.0	63.3	63.6	64.1	64.3	64.9	65.0	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4
≥ 2500	62.7	65.8	66.5	67.0	67.6	68.0	69.1	69.2	69.5	69.7	69.8	69.8	69.8	69.8	69.8	69.8
≥ 2000	66.2	69.9	71.0	71.6	73.0	73.7	75.4	75.6	76.0	76.3	76.4	76.4	76.4	76.4	76.4	76.4
≥ 1800	66.4	70.3	71.5	72.1	74.1	74.9	76.6	76.8	77.2	77.5	77.6	77.6	77.6	77.6	77.6	77.6
≥ 1500	67.9	72.4	73.7	74.4	76.8	77.6	80.1	81.1	81.4	81.9	82.0	82.0	82.2	82.2	82.2	82.2
≥ 1200	68.6	73.7	75.1	76.2	79.2	80.0	82.5	83.9	84.3	84.7	85.1	85.1	85.3	85.3	85.3	85.3
≥ 1000	70.2	75.7	77.3	78.3	81.4	82.4	85.3	86.7	87.2	88.3	89.3	89.3	89.6	89.6	89.6	89.6
≥ 900	70.9	76.6	78.1	79.2	82.2	83.2	86.4	87.8	88.3	89.3	90.4	90.4	90.7	90.7	90.7	90.7
≥ 800	71.1	77.2	78.8	79.9	83.2	84.4	87.7	89.6	90.3	91.5	92.5	92.5	92.8	93.0	93.0	93.0
≥ 700	71.2	77.3	78.9	80.1	83.4	84.7	88.5	90.4	91.1	92.3	93.4	93.4	93.8	94.1	94.4	94.4
≥ 600	71.4	77.4	79.1	80.2	83.8	85.1	89.0	91.0	91.7	93.0	94.1	94.1	94.6	94.8	95.1	95.1
≥ 500	71.4	77.4	79.1	80.2	83.8	85.3	89.6	91.8	92.5	94.0	95.1	95.1	96.0	96.2	96.6	96.6
≥ 400	71.5	77.5	79.3	80.5	84.0	85.6	90.1	92.5	93.3	94.7	96.1	96.1	96.9	97.2	97.5	97.5
≥ 300	71.5	77.5	79.3	80.5	84.0	85.6	90.2	92.8	93.7	95.5	97.0	97.0	98.2	98.6	98.9	98.9
≥ 200	71.5	77.6	79.4	80.6	84.1	85.7	90.3	92.9	93.8	95.6	97.5	97.5	98.8	99.2	99.8	99.9
≥ 100	71.5	77.8	79.5	80.7	84.3	85.8	90.4	93.0	94.0	95.7	97.6	97.6	98.9	99.3	99.9	100.0
≥ 0	71.5	77.8	79.5	80.7	84.3	85.8	90.4	93.0	94.0	95.7	97.6	97.6	98.9	99.3	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 845

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 69-76 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0			
NO CEILING	41.7	42.2	42.3	42.3	42.6	42.6	42.6	42.6	42.6	42.6	42.9	42.9	42.9	42.9	43.0	43.0
≥ 20000	42.9	43.4	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.7	44.1	44.1	44.1	44.1	44.2	44.2
≥ 18000	43.4	43.9	44.0	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.6	44.6	44.6	44.6	44.7	44.7
≥ 6000	43.4	43.9	44.0	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.6	44.6	44.6	44.6	44.7	44.7
≥ 14000	43.7	44.3	44.6	44.6	44.9	44.9	44.9	44.9	44.9	44.9	45.3	45.3	45.3	45.3	45.4	45.4
≥ 11000	44.8	45.4	45.6	45.6	46.1	46.1	46.1	46.1	46.1	46.1	46.5	46.5	46.5	46.5	46.6	46.6
≥ 10000	46.3	46.9	47.2	47.2	47.6	47.6	47.6	47.6	47.6	47.6	48.0	48.0	48.0	48.0	48.1	48.1
≥ 9000	46.5	47.0	47.3	47.3	47.8	47.8	47.8	47.8	47.8	47.8	48.1	48.1	48.1	48.1	48.2	48.2
≥ 8000	47.0	47.6	47.9	47.9	48.3	48.3	48.3	48.3	48.3	48.3	48.7	48.7	48.7	48.7	48.8	48.8
≥ 7000	48.0	48.9	49.2	49.3	49.9	49.9	49.9	49.9	49.9	49.9	50.2	50.2	50.2	50.2	50.4	50.4
≥ 6000	49.5	50.5	50.8	50.9	51.7	51.7	51.7	51.7	51.7	51.7	52.0	52.0	52.0	52.0	52.1	52.1
≥ 5000	52.0	53.2	53.7	53.9	54.7	54.8	54.8	54.8	54.8	54.8	55.2	55.2	55.2	55.2	55.3	55.3
≥ 4500	53.5	55.0	55.6	55.8	56.6	56.7	56.7	56.7	56.7	56.7	57.1	57.1	57.1	57.1	57.2	57.2
≥ 4000	54.5	56.1	56.7	57.0	57.9	58.0	58.0	58.0	58.0	58.0	58.5	58.5	58.5	58.5	58.6	58.6
≥ 3500	56.3	58.2	59.2	59.6	60.5	60.8	60.9	60.9	60.9	60.9	61.5	61.5	61.5	61.5	61.6	61.6
≥ 3000	58.0	60.4	61.7	62.3	63.5	63.8	64.2	64.3	64.3	64.3	64.9	64.9	64.9	64.9	65.0	65.0
≥ 2500	60.0	62.8	64.2	64.9	66.8	67.3	68.0	68.2	68.2	68.2	68.8	68.8	68.8	68.8	68.9	68.9
≥ 2000	63.4	66.7	68.3	69.5	71.7	72.3	73.4	74.1	74.2	74.3	74.9	74.9	75.1	75.1	75.2	75.2
≥ 1800	63.9	67.5	69.3	70.4	73.0	73.8	74.8	75.7	75.8	75.9	76.5	76.5	76.6	76.6	76.7	76.7
≥ 1500	66.9	71.3	73.2	74.5	77.2	77.9	79.6	80.5	80.6	80.9	81.4	81.4	81.6	81.6	81.7	81.7
≥ 1200	67.8	72.9	75.1	76.4	79.2	79.9	81.6	82.5	82.7	83.2	84.2	84.2	84.3	84.3	84.4	84.4
≥ 1000	68.6	73.9	76.0	77.3	80.3	81.0	83.3	84.5	84.8	85.9	87.0	87.0	87.1	87.1	87.4	87.4
≥ 900	69.6	75.2	77.3	78.6	81.8	82.5	84.9	86.1	86.4	87.6	88.7	88.7	88.8	88.8	89.0	89.0
≥ 800	69.7	75.3	77.4	78.7	82.3	83.0	85.7	87.0	87.4	88.7	89.7	89.7	89.8	89.8	90.1	90.1
≥ 700	69.9	75.8	78.3	79.8	83.5	84.3	87.9	89.6	90.1	91.5	92.6	92.6	92.9	92.9	93.4	93.4
≥ 600	69.9	75.8	78.3	79.9	83.8	84.6	88.8	90.4	90.9	92.4	93.5	93.5	93.9	93.9	94.3	94.3
≥ 500	69.9	76.0	78.5	80.4	84.5	85.5	89.8	92.0	92.4	94.1	95.3	95.3	95.7	95.7	96.2	96.2
≥ 400	70.0	76.2	78.7	80.6	84.9	85.8	90.3	92.8	93.4	95.3	96.7	96.7	97.2	97.2	97.6	97.6
≥ 300	70.0	76.4	78.8	80.7	85.0	86.1	90.8	93.4	94.3	96.2	97.6	97.6	98.5	98.5	98.9	98.9
≥ 200	70.0	76.5	79.0	80.9	85.1	86.2	90.9	93.5	94.6	96.5	97.9	98.0	98.8	98.9	99.6	99.8
≥ 100	70.0	76.5	79.0	80.9	85.1	86.2	90.9	93.5	94.7	96.6	98.0	98.1	98.9	99.1	99.9	100.0
≥ 0	70.0	76.5	79.0	80.9	85.1	86.2	90.9	93.5	94.7	96.6	98.0	98.1	98.9	99.1	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94839 STATION K I SAWYER AFB MI STATION NAME 69-78 YEARS FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	<¼
NO CEILING	35.3	35.6	36.9	36.9	37.2	37.3	37.3	37.4	37.4	37.4	37.5	37.5	37.5	37.5	37.6	37.6
≥ 25000	37.1	38.6	38.8	38.9	39.2	39.2	39.3	39.3	39.4	39.4	39.5	39.5	39.5	39.5	39.6	39.6
≥ 18000	37.6	39.1	39.4	39.5	39.8	39.8	39.9	39.9	40.0	40.0	40.1	40.1	40.1	40.1	40.2	40.2
≥ 15000	37.7	39.2	39.5	39.6	39.9	39.9	40.0	40.1	40.1	40.1	40.2	40.2	40.2	40.2	40.3	40.3
≥ 12000	38.3	39.9	40.2	40.2	40.6	40.6	40.7	40.7	40.7	40.8	40.9	40.9	40.9	40.9	40.9	40.9
≥ 11000	39.1	40.7	41.0	41.1	41.5	41.5	41.6	41.7	41.7	41.7	41.8	41.8	41.8	41.9	41.9	41.9
≥ 10000	40.8	42.4	42.8	42.9	43.3	43.3	43.4	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.7	43.7
≥ 9000	41.1	42.8	43.1	43.2	43.6	43.6	43.8	43.8	43.8	43.9	43.9	44.0	44.0	44.0	44.0	44.0
≥ 8000	42.0	43.8	44.1	44.3	44.7	44.7	44.9	44.9	45.0	45.0	45.1	45.1	45.1	45.1	45.2	45.2
≥ 7000	43.6	45.4	45.8	46.0	46.4	46.5	46.6	46.7	46.7	46.7	46.8	46.8	46.9	46.9	46.9	46.9
≥ 6000	44.8	46.8	47.3	47.4	47.9	48.0	48.2	48.2	48.2	48.3	48.3	48.4	48.4	48.4	48.4	48.4
≥ 5000	47.0	49.2	49.7	49.9	50.6	50.7	50.9	51.0	51.0	51.0	51.1	51.2	51.2	51.2	51.2	51.2
≥ 4500	48.0	50.4	51.0	51.2	52.0	52.1	52.3	52.4	52.4	52.5	52.5	52.6	52.6	52.6	52.6	52.6
≥ 4000	49.6	52.2	52.9	53.1	54.0	54.2	54.4	54.5	54.6	54.6	54.7	54.7	54.8	54.8	54.8	54.8
≥ 3500	50.8	53.6	54.5	54.8	55.7	56.0	56.3	56.4	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7
≥ 3000	53.1	56.6	57.7	58.2	59.5	59.8	60.2	60.4	60.5	60.6	60.8	60.8	60.9	60.9	60.9	60.9
≥ 2500	55.9	60.4	61.9	62.5	64.3	64.8	65.6	66.0	66.2	66.3	66.6	66.6	66.7	66.7	66.7	66.7
≥ 2000	59.5	64.9	66.8	67.8	70.2	70.8	72.2	72.8	73.4	73.8	74.1	74.2	74.3	74.3	74.3	74.3
≥ 1800	60.5	66.2	68.2	69.2	71.8	72.5	73.9	74.6	75.1	75.5	75.8	75.9	76.0	76.0	76.1	76.1
≥ 1500	62.7	68.9	71.4	72.5	75.5	76.4	78.4	79.5	80.2	80.7	81.1	81.2	81.4	81.4	81.5	81.5
≥ 1200	64.2	71.0	73.7	75.1	78.5	79.4	81.6	82.9	83.7	84.3	84.9	85.0	85.3	85.3	85.4	85.4
≥ 1000	65.1	72.2	75.0	76.5	80.1	81.2	83.9	85.4	86.2	87.2	88.1	88.3	88.8	88.8	88.9	88.9
≥ 900	65.5	72.7	75.6	77.1	80.8	81.8	84.6	86.1	87.1	88.1	89.0	89.2	89.7	89.7	89.8	89.8
≥ 800	65.7	73.0	76.0	77.5	81.4	82.5	85.4	87.1	88.2	89.3	90.3	90.5	91.1	91.1	91.2	91.2
≥ 700	65.9	73.3	76.4	78.0	82.0	83.2	86.4	88.2	89.3	90.6	91.7	91.9	92.6	92.7	93.1	93.1
≥ 600	66.0	73.5	76.7	78.4	82.6	83.8	87.3	89.1	90.3	91.7	92.8	93.1	93.7	93.9	94.3	94.3
≥ 500	66.2	73.8	77.0	78.8	83.2	84.6	88.2	90.3	91.5	93.0	94.3	94.6	95.5	95.6	96.1	96.1
≥ 400	66.2	73.9	77.1	78.9	83.4	84.7	88.5	90.8	92.0	93.6	95.1	95.4	96.3	96.5	97.0	97.0
≥ 300	66.2	73.9	77.1	78.9	83.4	84.8	88.7	91.2	92.7	94.4	96.1	96.5	97.7	97.9	98.4	98.5
≥ 200	66.2	74.0	77.2	79.0	83.4	84.8	88.7	91.3	92.8	94.6	96.5	96.9	98.2	98.6	99.3	99.5
≥ 100	66.2	74.0	77.2	79.0	83.4	84.9	88.7	91.3	92.9	94.7	96.5	96.9	98.3	98.6	99.4	100.0
0	66.2	74.0	77.2	79.0	83.4	84.9	88.7	91.3	92.9	94.7	96.5	96.9	98.3	98.6	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 6766

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94839 K I SAWYER AFB MI 69-76 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥	≥	≥	≥	≥	≥	≥	≥	≥0
NO CEILING	45.9	47.0	48.0	48.2	48.3	48.3	48.3	48.4	48.4	48.6	48.7	48.7	48.7	48.7	48.8	48.8
≥ 20000	46.9	48.1	49.0	49.2	49.4	49.4	49.4	49.5	49.5	49.7	49.8	49.8	49.8	49.8	49.9	49.9
≥ 8000	46.9	48.1	49.0	49.2	49.4	49.4	49.4	49.5	49.5	49.7	49.8	49.9	49.8	49.8	49.9	49.9
≥ 6000	47.0	48.2	49.1	49.4	49.5	49.5	49.5	49.6	49.6	49.8	49.9	49.9	49.9	49.9	50.0	50.0
≥ 14000	48.2	49.4	50.3	50.5	50.6	50.6	50.6	50.8	50.8	51.0	51.1	51.1	51.1	51.1	51.2	51.2
≥ 12000	48.8	50.1	51.1	51.3	51.4	51.4	51.4	51.5	51.5	51.7	51.8	51.8	51.8	51.8	51.9	51.9
≥ 10000	50.3	51.6	52.6	52.8	52.9	52.9	52.9	53.0	53.0	53.2	53.3	53.3	53.3	53.3	53.4	53.4
≥ 9000	50.5	52.2	53.1	53.3	53.4	53.4	53.4	53.5	53.5	53.8	53.9	53.9	53.9	53.9	54.0	54.0
≥ 8000	51.2	52.8	53.8	54.0	54.1	54.1	54.1	54.2	54.2	54.4	54.5	54.5	54.5	54.5	54.6	54.6
≥ 7000	52.6	54.3	55.4	55.6	55.7	55.7	55.7	55.8	55.8	56.0	56.1	56.1	56.1	56.1	56.2	56.2
≥ 6000	53.0	55.1	56.1	56.3	56.5	56.5	56.5	56.6	56.6	56.8	56.9	56.9	56.9	56.9	57.0	57.0
≥ 5000	54.7	57.1	58.2	58.4	58.5	58.5	58.5	58.6	58.6	58.8	58.9	58.9	58.9	58.9	59.0	59.0
≥ 4500	55.5	58.0	59.0	59.2	59.4	59.4	59.4	59.5	59.5	59.7	59.8	59.8	59.8	59.8	59.9	59.9
≥ 4000	56.6	59.5	60.5	60.8	61.2	61.2	61.2	61.3	61.5	61.7	61.8	61.8	61.8	61.8	61.9	61.9
≥ 3500	57.4	60.3	61.4	61.6	62.3	62.3	62.3	62.4	62.6	62.8	62.9	62.9	62.9	62.9	63.0	63.0
≥ 3000	60.0	63.0	64.2	64.5	65.3	65.3	65.3	65.4	65.6	65.8	65.9	65.9	65.9	65.9	66.0	66.0
≥ 2500	61.8	65.4	67.1	67.8	69.0	69.1	69.2	69.4	69.6	69.8	69.9	69.9	69.9	69.9	70.0	70.0
≥ 2000	64.7	68.4	70.3	71.1	72.5	72.6	73.1	73.8	74.1	74.3	74.4	74.4	74.4	74.4	74.5	74.5
≥ 1800	65.5	69.1	71.1	71.8	73.2	73.3	73.9	74.7	75.1	75.3	75.4	75.4	75.4	75.4	75.5	75.5
≥ 1500	67.0	70.8	72.8	73.5	75.5	75.6	76.3	77.8	78.3	78.5	78.6	78.6	78.6	78.6	78.7	78.7
1200	68.1	71.8	74.2	75.1	77.3	77.5	78.5	80.0	80.8	81.0	81.1	81.1	81.1	81.1	81.2	81.2
≥ 1000	68.4	72.4	74.7	75.8	78.2	78.4	79.6	81.2	81.9	82.4	82.5	82.5	82.5	82.5	82.6	82.6
≥ 900	68.8	72.9	75.3	76.5	78.8	79.0	80.3	82.0	82.8	83.2	83.5	83.5	83.5	83.5	83.7	83.7
≥ 800	68.9	73.3	75.8	77.1	79.7	79.9	81.3	83.2	84.1	84.6	85.3	85.3	85.3	85.3	85.4	85.4
≥ 700	69.0	73.4	76.0	77.3	80.0	80.3	81.9	84.0	84.9	85.7	87.0	87.0	87.1	87.1	87.2	87.2
≥ 600	69.0	73.5	76.1	77.4	80.3	80.6	82.3	84.6	85.7	86.7	88.1	88.2	88.3	88.3	88.4	88.4
≥ 500	69.0	73.7	76.3	78.1	81.2	81.5	83.8	86.2	87.3	88.4	89.9	90.0	90.2	90.2	90.6	90.6
≥ 400	69.0	73.8	76.5	78.2	81.4	81.9	84.3	87.1	88.4	89.6	91.8	92.0	92.5	92.5	92.9	92.9
≥ 300	69.0	73.8	76.5	78.2	81.4	82.2	84.6	88.2	90.2	91.6	94.1	94.3	94.8	94.9	95.6	95.7
≥ 200	69.1	73.9	76.6	78.3	81.5	82.3	84.7	88.3	90.8	92.2	94.9	95.2	96.2	96.7	98.1	98.5
≥ 100	69.1	73.9	76.6	78.3	81.5	82.3	84.7	88.3	90.8	92.4	95.2	95.4	96.5	96.9	98.6	99.7
≥ 0	69.1	73.9	76.6	78.3	81.5	82.3	84.7	88.3	90.8	92.4	95.2	95.4	96.5	96.9	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94834 K I SAWYER AFB MI 9-76 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	43.8	44.6	44.8	45.1	45.5	45.5	45.6	45.9	45.9	45.9	46.1	46.1	46.2	46.2	46.3	46.5
≥ 25000	45.2	46.3	46.8	47.0	47.4	47.4	47.5	47.8	47.8	47.8	48.1	48.1	48.2	48.2	48.3	48.4
≥ 18000	45.2	46.3	46.8	47.0	47.4	47.4	47.5	47.8	47.8	47.8	48.1	48.1	48.2	48.2	48.3	48.4
≥ 16000	45.4	46.6	47.0	47.2	47.6	47.6	47.7	48.1	48.1	48.1	48.3	48.3	48.4	48.4	48.5	48.6
≥ 14000	46.8	48.0	48.4	48.6	49.0	49.0	49.1	49.5	49.5	49.5	49.7	49.7	49.8	49.8	49.9	50.0
≥ 12000	47.0	48.2	48.6	48.8	49.2	49.2	49.4	49.7	49.7	49.7	49.9	49.9	50.0	50.0	50.1	50.2
≥ 10000	47.8	49.0	49.5	49.7	50.1	50.1	50.2	50.5	50.5	50.5	50.8	50.8	50.9	50.9	51.0	51.1
≥ 9000	48.6	49.8	50.2	50.4	50.9	50.9	51.0	51.3	51.3	51.3	51.5	51.5	51.6	51.6	51.7	51.8
≥ 8000	49.5	50.6	51.1	51.3	51.7	51.7	51.8	52.2	52.2	52.2	52.4	52.4	52.5	52.5	52.6	52.7
≥ 7000	50.4	51.6	52.0	52.3	52.7	52.7	52.8	53.1	53.1	53.1	53.3	53.3	53.4	53.4	53.5	53.7
≥ 6000	50.9	52.0	52.5	52.8	53.3	53.3	53.4	53.8	53.8	53.8	54.0	54.0	54.1	54.1	54.2	54.3
≥ 5000	52.7	54.3	54.7	55.2	55.7	55.7	55.8	56.1	56.1	56.1	56.3	56.3	56.5	56.5	56.6	56.7
≥ 4500	53.7	55.4	55.8	56.2	56.9	56.9	57.0	57.3	57.3	57.3	57.6	57.6	57.7	57.7	57.8	58.0
≥ 4000	55.1	56.9	57.3	57.7	58.4	58.4	58.5	58.8	58.8	58.8	59.1	59.1	59.2	59.2	59.4	59.5
≥ 3500	55.9	58.1	58.5	58.9	59.6	59.6	59.7	60.0	60.0	60.0	60.3	60.3	60.4	60.4	60.5	60.6
≥ 3000	58.1	60.6	61.4	61.8	62.6	62.6	62.7	63.0	63.0	63.0	63.3	63.3	63.4	63.4	63.5	63.7
≥ 2500	59.4	62.7	63.8	64.5	65.7	65.7	65.8	66.3	66.3	66.3	66.7	66.7	66.8	66.8	66.9	67.0
≥ 2000	61.6	65.2	66.6	67.4	69.4	69.6	70.0	70.8	70.8	70.8	71.1	71.1	71.2	71.2	71.3	71.4
≥ 1900	62.3	65.9	67.3	68.4	70.4	70.6	71.2	72.0	72.0	72.0	72.4	72.4	72.5	72.5	72.6	72.7
≥ 1500	64.2	67.8	69.6	70.6	73.1	73.3	74.0	75.6	75.9	76.0	76.3	76.3	76.5	76.5	76.6	76.7
≥ 1200	65.3	69.0	70.9	71.9	74.6	74.9	76.0	77.7	78.1	78.3	78.6	78.6	78.7	78.7	78.8	78.9
≥ 1000	66.1	70.0	71.8	73.0	76.1	76.5	78.1	79.8	80.1	80.3	80.6	80.6	80.8	80.8	80.9	81.0
≥ 900	66.5	70.5	72.5	73.8	76.9	77.3	78.9	80.9	81.2	81.4	82.2	82.2	82.3	82.3	82.4	82.5
≥ 800	66.7	70.8	72.9	74.2	77.5	78.1	79.7	81.9	82.4	82.6	83.4	83.4	83.7	83.7	83.8	83.9
≥ 700	66.7	70.8	72.9	74.3	77.6	78.2	79.8	82.3	82.7	83.1	84.9	84.9	85.2	85.2	85.3	85.4
≥ 600	66.8	70.9	73.0	74.4	78.1	78.6	80.4	83.4	83.9	84.4	86.3	86.3	86.6	86.6	86.7	86.8
≥ 500	66.8	70.9	73.1	74.7	79.2	79.8	82.3	85.4	86.1	86.9	88.8	88.9	89.1	89.4	89.6	89.7
≥ 400	66.8	71.0	73.2	74.8	79.5	80.1	82.7	86.3	87.2	88.0	90.1	90.2	90.5	90.8	91.0	91.1
≥ 300	66.9	71.1	73.3	74.9	79.7	80.3	83.3	87.0	88.3	89.1	91.7	91.9	92.6	92.8	93.2	93.5
≥ 200	66.9	71.1	73.3	74.9	79.7	80.3	83.4	87.6	88.9	90.0	93.0	93.4	94.9	95.2	96.9	97.5
≥ 100	66.9	71.1	73.3	74.9	79.7	80.3	83.4	87.7	89.0	90.1	93.1	93.5	95.1	95.4	98.0	99.8
≥ 0	66.9	71.1	73.3	74.9	79.7	80.3	83.4	87.7	89.0	90.1	93.1	93.5	95.1	95.4	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/ AC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 9-78 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	<¼	≥0
NO CEILING	41.6	42.9	43.2	43.4	43.6	43.6	43.6	43.8	43.8	43.9	43.9	43.9	44.0	44.0	44.0	44.1
≥ 20000	42.8	44.3	44.6	45.0	45.2	45.2	45.2	45.4	45.4	45.5	45.5	45.5	45.6	45.6	45.6	45.7
≥ 18000	43.1	44.6	44.8	45.2	45.4	45.4	45.4	45.6	45.6	45.7	45.7	45.7	45.9	45.9	45.9	46.0
≥ 16000	43.3	44.8	45.1	45.5	45.7	45.7	45.7	46.0	46.0	46.1	46.1	46.1	46.2	46.2	46.2	46.3
≥ 14000	44.2	45.9	46.2	46.6	46.8	46.8	46.8	47.0	47.0	47.1	47.1	47.1	47.3	47.3	47.3	47.4
≥ 12000	45.3	47.1	47.6	48.0	48.3	48.3	48.3	48.5	48.5	48.7	48.7	48.7	48.8	48.8	48.8	48.9
≥ 10000	45.9	47.9	48.3	48.8	49.1	49.2	49.2	49.4	49.4	49.5	49.5	49.5	49.6	49.6	49.6	49.7
≥ 9000	46.3	48.3	48.8	49.2	49.5	49.6	49.6	49.8	49.8	49.9	49.9	49.9	50.1	50.1	50.1	50.2
≥ 8000	47.5	49.5	49.9	50.4	50.7	50.8	50.9	51.1	51.1	51.2	51.3	51.3	51.5	51.5	51.5	51.7
≥ 7000	48.3	50.4	50.8	51.2	51.7	51.8	51.9	52.1	52.1	52.2	52.3	52.3	52.4	52.4	52.4	52.6
≥ 6000	48.8	50.8	51.2	51.7	52.1	52.2	52.3	52.5	52.5	52.6	52.7	52.7	52.9	52.9	52.9	53.1
≥ 5000	50.1	52.4	53.0	53.4	53.9	54.0	54.1	54.4	54.4	54.5	54.6	54.6	54.7	54.7	54.7	54.9
≥ 4500	51.3	54.0	54.6	55.0	55.9	56.1	56.3	56.5	56.5	56.6	56.7	56.7	56.8	56.8	56.8	57.1
≥ 4000	52.2	55.1	55.7	56.1	57.4	57.7	58.0	58.4	58.4	58.6	58.8	58.8	58.9	58.9	58.9	59.1
≥ 3500	53.2	56.1	56.6	57.1	58.3	58.7	59.0	59.5	59.5	59.6	59.8	59.8	60.0	60.0	60.0	60.2
≥ 3000	54.7	58.0	58.9	59.4	61.7	62.0	62.3	63.0	63.0	63.1	63.3	63.3	63.4	63.4	63.4	63.6
≥ 2500	55.9	60.2	61.2	61.8	64.7	65.0	65.6	66.5	66.5	66.7	67.0	67.0	67.1	67.1	67.1	67.3
≥ 2000	57.1	61.7	63.0	63.8	67.3	67.6	68.4	69.3	69.5	69.8	70.0	70.0	70.2	70.2	70.2	70.4
≥ 1800	57.4	62.0	63.4	64.3	67.8	68.1	68.9	69.9	70.1	70.3	70.5	70.5	70.7	70.7	70.7	70.9
≥ 1500	58.9	63.9	65.4	66.3	70.0	70.3	71.7	72.9	73.5	73.7	74.1	74.1	74.3	74.3	74.3	74.5
≥ 1200	60.0	65.1	66.6	67.7	71.8	72.2	73.8	75.0	75.8	76.1	76.5	76.6	76.9	77.0	77.0	77.2
≥ 1000	61.4	66.5	68.0	69.1	73.2	73.7	75.5	76.7	77.5	77.8	78.4	78.5	78.7	78.8	78.8	79.0
≥ 900	61.9	67.2	68.7	69.8	74.2	74.7	76.4	77.8	78.7	79.0	80.1	80.2	80.4	80.5	80.5	80.7
≥ 800	62.1	67.4	69.0	70.2	74.7	75.5	77.2	78.8	79.9	80.2	81.5	81.6	81.8	81.9	81.9	82.1
≥ 700	62.5	67.8	69.4	70.8	75.8	76.5	78.6	80.2	81.4	82.2	84.0	84.1	84.4	84.5	84.5	84.7
≥ 600	62.5	68.1	69.8	71.2	76.4	77.3	79.5	81.2	82.3	83.5	85.5	85.6	86.1	86.2	86.2	86.4
≥ 500	62.6	68.4	70.1	71.5	77.0	77.9	80.9	82.9	84.5	86.1	88.3	88.4	88.9	89.1	89.3	89.6
≥ 400	62.8	68.5	70.3	71.8	77.5	78.5	81.7	83.9	85.7	87.3	89.5	89.6	90.2	90.6	91.0	91.3
≥ 300	62.8	68.6	70.6	72.3	78.3	79.3	82.7	84.8	86.9	89.0	91.2	91.4	92.5	93.0	93.8	94.3
≥ 200	62.8	68.6	70.6	72.3	78.4	79.4	83.0	85.8	87.8	90.5	92.9	93.1	94.5	95.3	97.0	98.3
≥ 100	62.8	68.6	70.6	72.3	78.4	79.4	83.0	85.8	87.8	90.5	93.0	93.2	94.6	95.5	97.7	100.0
≥ 0	62.8	68.6	70.6	72.3	78.4	79.4	83.0	85.8	87.8	90.5	93.0	93.2	94.6	95.5	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94826 K I SAWYER AFB MI 9-76 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0	≥0	≥0
NO CEILING	36.9	38.3	38.5	38.7	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 20000	38.6	40.7	40.4	40.6	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 8000	39.0	40.6	40.9	41.1	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 4500	39.5	41.2	41.4	41.6	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 14000	40.3	42.0	42.3	42.5	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 2000	41.7	43.7	43.9	44.1	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 1000	43.1	45.1	45.3	45.5	46.0	46.0	46.0	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 900	44.1	46.1	46.3	46.6	47.1	47.1	47.1	47.1	47.1	47.2	47.3	47.3	47.3	47.3	47.3	47.3
≥ 8000	46.8	48.8	49.0	49.2	49.8	49.8	49.8	49.8	49.8	49.9	50.0	50.0	50.0	50.0	50.0	50.0
≥ 7000	47.6	49.7	49.9	50.1	50.6	50.6	50.6	50.6	50.6	50.8	50.9	50.9	50.9	50.9	50.9	50.9
≥ 6000	48.1	50.3	50.5	50.8	51.4	51.4	51.4	51.4	51.4	51.5	51.6	51.6	51.6	51.6	51.6	51.6
≥ 5000	49.2	51.9	52.2	52.4	53.2	53.2	53.2	53.2	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.4
≥ 4500	49.9	52.8	53.1	53.3	54.2	54.2	54.2	54.2	54.2	54.3	54.4	54.4	54.4	54.4	54.4	54.4
≥ 4000	51.4	54.8	55.3	55.5	56.3	56.3	56.5	56.6	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8
≥ 3500	51.8	55.4	55.9	56.1	57.1	57.1	57.2	57.3	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.5
≥ 3000	53.2	57.3	58.0	58.3	59.9	59.9	60.0	60.2	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.5
≥ 2500	55.5	60.2	61.3	61.6	63.4	63.4	63.8	64.1	64.3	64.5	64.7	64.7	64.7	64.7	64.7	64.7
≥ 2000	57.3	62.2	63.3	63.7	65.9	65.9	66.5	66.8	67.0	67.5	68.0	68.0	68.0	68.0	68.0	68.0
≥ 1800	57.7	62.6	63.8	64.1	66.3	66.3	66.9	67.2	67.4	68.0	68.4	68.4	68.4	68.4	68.4	68.4
≥ 1500	59.9	65.4	67.0	67.8	70.3	70.3	71.1	71.5	72.0	73.0	73.9	73.9	73.9	73.9	73.9	73.9
≥ 1200	61.3	67.0	68.8	69.8	72.8	72.8	73.8	74.5	75.4	76.5	77.3	77.3	77.3	77.3	77.4	77.4
≥ 1000	61.8	67.5	69.4	70.5	73.7	73.7	74.9	75.8	76.7	78.2	79.2	79.2	79.4	79.4	79.5	79.5
≥ 900	62.4	68.1	69.9	71.1	74.4	74.5	76.0	76.9	77.8	79.5	80.6	80.6	80.8	80.8	80.9	80.9
≥ 800	62.7	68.4	70.2	71.6	75.3	75.4	76.9	77.7	79.0	80.6	81.9	82.0	82.5	82.5	82.7	82.7
≥ 700	62.9	68.9	70.9	72.5	76.5	76.7	78.4	79.2	80.5	82.3	84.0	84.1	84.5	84.5	84.8	84.8
≥ 600	63.1	69.5	71.5	73.1	77.2	77.4	79.2	80.2	81.6	83.3	85.1	85.2	85.6	85.6	85.9	85.9
≥ 500	63.3	69.8	71.8	73.9	78.4	78.7	80.9	82.5	84.0	85.7	88.1	88.2	89.1	89.2	90.3	90.3
≥ 400	63.3	69.9	71.9	74.0	78.8	79.1	81.4	83.2	84.7	86.6	89.5	89.7	90.6	90.8	91.9	91.9
≥ 300	63.3	69.9	71.9	74.1	78.9	79.4	81.6	83.9	85.5	87.4	90.4	90.9	91.9	92.5	93.9	94.2
≥ 200	63.3	69.9	71.9	74.1	78.9	79.5	81.7	84.2	85.8	88.1	91.9	92.4	93.9	94.6	96.5	98.0
≥ 100	63.3	69.9	71.9	74.1	78.9	79.5	81.7	84.2	85.8	88.1	92.0	92.5	94.2	94.9	97.6	100.0
≥ 0	63.3	69.9	71.9	74.1	78.9	79.5	81.7	84.2	85.8	88.1	92.0	92.5	94.2	94.9	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 79-70 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0	≥0	≥0
NO CEILING	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 20000	39.9	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 15000	40.3	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 12000	40.8	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 10000	41.7	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 9000	42.2	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 8000	43.5	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 7000	44.8	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 6000	46.2	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	46.5	46.5
≥ 5000	48.2	48.3	48.4	48.4	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	50.0	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 4000	51.8	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 3500	51.9	52.5	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
≥ 3000	53.1	53.9	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 2500	54.7	55.6	55.9	55.9	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 2000	58.2	60.1	60.5	60.6	60.9	61.0	61.0	61.2	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4
≥ 1800	60.8	63.4	64.1	64.4	64.7	65.1	65.5	65.8	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0
≥ 1500	63.2	66.6	67.7	68.2	68.6	68.9	69.6	70.2	70.2	70.5	70.8	70.8	70.8	70.8	70.8	70.8
≥ 1200	63.5	67.1	68.3	68.7	69.1	69.5	70.1	70.9	70.9	71.2	71.4	71.4	71.4	71.4	71.4	71.4
≥ 1000	67.1	71.1	72.4	73.1	73.9	74.5	75.6	76.6	76.6	77.0	77.2	77.3	77.5	77.5	77.6	77.6
≥ 900	68.9	74.0	75.5	76.2	77.3	78.1	79.4	80.3	80.3	80.8	81.0	81.1	81.3	81.3	81.4	81.4
≥ 800	69.6	75.2	76.9	77.8	79.2	80.0	81.5	82.5	82.5	82.9	83.3	83.4	83.8	83.8	83.9	83.9
≥ 700	70.0	75.8	77.6	78.6	80.0	80.9	82.5	83.4	83.4	83.9	84.3	84.4	84.8	84.8	84.9	84.9
≥ 600	70.3	76.6	78.5	79.8	81.3	82.2	83.8	84.7	84.7	85.2	85.7	85.8	86.6	86.6	86.7	86.7
≥ 500	70.3	76.6	78.5	79.9	81.7	82.6	84.4	85.8	85.8	86.6	87.3	87.5	88.3	88.4	88.5	88.5
≥ 400	70.3	76.8	78.8	80.3	82.4	83.2	85.2	86.7	86.8	87.6	88.5	88.7	89.5	89.6	89.7	89.7
≥ 300	70.5	77.1	79.1	80.6	82.9	83.9	86.0	88.0	88.4	89.5	90.8	91.0	92.0	92.2	92.4	92.4
≥ 200	70.5	77.1	79.1	80.6	83.2	84.2	86.5	88.7	89.2	90.3	91.3	92.0	93.1	93.2	93.4	93.4
≥ 100	70.5	77.1	79.1	80.6	83.3	84.3	86.7	89.5	90.2	91.3	93.2	93.7	95.1	95.3	95.7	96.5
≥ 0	70.5	77.1	79.1	80.6	83.3	84.3	86.7	89.5	90.3	91.4	93.5	94.1	95.5	95.7	96.9	98.8
≥ 0	70.5	77.1	79.1	80.6	83.3	84.3	86.7	89.5	90.3	91.4	93.7	94.2	95.7	95.9	97.2	100.0
≥ 0	70.5	77.1	79.1	80.6	83.3	84.3	86.7	89.5	90.3	91.4	93.7	94.2	95.7	95.9	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94845 K I SAWYER AFB MI 9-76 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	0			
NO CEILING	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 12000	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	42.7	42.7	42.7
≥ 8000	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 6000	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 4500	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 3000	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 2500	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 2000	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 1800	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	51.2	51.2
≥ 1500	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	51.9	51.9
≥ 1000	53.3	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	53.4
≥ 500	55.2	55.5	55.5	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 450	56.0	56.3	56.3	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 400	57.4	57.7	57.7	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 350	59.0	59.6	59.6	59.7	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 300	62.5	63.8	64.2	64.4	65.0	65.0	65.1	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 250	65.7	67.8	68.7	68.9	69.8	69.8	70.0	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 200	68.9	71.5	72.9	73.1	74.4	74.4	74.7	74.9	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 160	70.0	72.6	74.2	74.4	75.7	75.7	76.0	76.3	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 150	72.8	76.1	78.6	79.1	80.6	80.8	81.5	81.8	82.1	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 120	73.8	77.8	80.6	81.2	82.9	83.1	83.9	84.2	84.5	85.0	85.0	85.0	85.1	85.1	85.1	85.1
> 120	74.2	78.6	81.6	82.1	84.3	84.6	85.9	86.3	86.8	87.5	87.6	87.6	87.7	87.7	87.7	87.8
≥ 100	74.4	78.8	81.9	82.5	84.7	85.0	86.3	86.8	87.2	87.9	88.1	88.1	88.2	88.2	88.2	88.3
≥ 80	74.5	79.1	82.5	83.0	85.4	85.7	87.2	87.9	88.5	89.2	89.5	89.5	89.6	89.6	89.6	89.7
≥ 70	74.5	79.1	82.5	83.0	85.7	86.0	87.7	88.6	89.2	90.0	90.4	90.4	90.9	90.9	90.9	91.0
≥ 60	74.6	79.4	82.8	83.4	86.3	86.7	88.5	89.3	90.2	91.0	91.5	91.5	92.2	92.2	92.2	92.4
≥ 50	74.6	79.5	83.1	83.7	87.0	87.3	89.2	90.4	91.5	92.2	92.8	92.9	93.8	94.2	94.3	94.4
≥ 40	74.6	79.5	83.1	83.7	87.0	87.3	89.5	91.0	92.0	92.8	93.3	93.4	94.3	94.8	95.0	95.3
≥ 30	74.6	79.5	83.1	83.9	87.2	87.5	89.7	91.3	92.6	93.4	94.4	94.5	95.6	96.2	96.4	97.4
≥ 20	74.6	79.5	83.1	83.9	87.2	87.5	89.7	91.3	92.6	93.4	94.7	94.8	95.9	96.9	97.8	99.0
≥ 10	74.6	79.5	83.1	83.9	87.2	87.5	89.7	91.3	92.6	93.4	94.7	94.8	95.9	96.9	98.0	100.0
≥ 0	74.6	79.5	83.1	83.9	87.2	87.5	89.7	91.3	92.6	93.4	94.7	94.8	95.9	96.9	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 9-75 ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 0	≥ ¼	≥ ½	≥ ¾	≥ 1	≥ 1¼	≥ 1½	≥ 1¾	≥ 2	≥ 2½	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8
NO CEILING	44.2	44.4	44.7	44.7	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 20000	46.8	47.1	47.4	47.4	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 8000	47.4	47.7	48.1	48.1	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 6000	47.5	47.8	48.2	48.2	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 4400	48.7	49.0	49.4	49.4	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 3000	50.0	50.4	50.9	50.9	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 2500	51.6	52.0	52.5	52.5	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 2200	51.8	52.3	52.8	52.8	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 2000	53.1	53.7	54.3	54.3	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 1800	54.1	54.6	55.3	55.3	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 1600	55.7	56.2	56.9	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 1400	57.2	57.8	58.5	58.5	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 1200	58.1	58.9	59.6	59.6	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 1000	59.5	60.4	61.1	61.1	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 900	60.9	61.8	62.5	62.6	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 800	63.3	64.6	65.4	65.6	66.2	66.2	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 700	66.0	68.3	69.6	70.0	70.9	70.9	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 600	68.3	71.5	73.1	73.7	74.6	74.6	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 500	69.2	72.7	74.3	74.6	75.9	76.0	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 450	71.8	75.6	77.5	78.3	79.5	79.6	80.4	80.5	80.5	80.6	80.8	80.8	80.9	80.9	80.9	80.9
≥ 400	73.2	77.7	79.9	80.8	82.3	82.4	83.4	83.7	83.7	83.8	83.9	83.9	84.1	84.1	84.1	84.1
≥ 350	73.5	78.5	80.9	81.7	83.2	83.3	84.4	84.8	85.3	85.8	86.1	86.1	86.3	86.3	86.3	86.3
≥ 300	73.5	78.5	80.9	81.7	83.5	83.7	84.7	85.2	85.6	86.1	86.5	86.5	86.8	86.8	86.8	86.8
≥ 250	73.8	78.9	81.4	82.6	84.5	84.6	85.7	86.3	86.8	87.3	88.1	88.3	88.5	88.5	88.5	88.5
≥ 220	73.8	78.9	81.4	82.6	84.7	84.8	86.0	86.7	87.1	87.7	88.6	88.8	89.0	89.1	89.1	89.1
≥ 200	73.8	78.9	81.4	82.6	84.7	84.8	86.2	87.0	87.6	88.4	89.4	89.6	89.8	89.9	89.9	89.9
≥ 160	74.1	79.2	81.8	83.0	85.8	86.0	87.8	88.9	89.6	90.4	91.7	92.0	92.9	93.0	93.0	93.0
≥ 140	74.1	79.2	81.8	83.0	85.9	86.2	88.1	89.2	90.0	91.0	92.6	92.9	93.9	94.3	94.5	94.5
≥ 120	74.1	79.4	81.9	83.2	86.1	86.6	88.4	89.6	90.3	91.4	93.3	93.7	94.8	95.6	96.1	96.6
≥ 100	74.1	79.4	81.9	83.2	86.2	86.7	88.5	89.7	90.4	91.7	93.8	94.2	95.8	97.0	97.8	98.6
≥ 80	74.1	79.4	81.9	83.2	86.2	86.7	88.5	89.7	90.4	91.7	93.8	94.2	96.0	97.2	98.2	99.8
≥ 0	74.1	79.4	81.9	83.2	86.2	86.7	88.5	89.7	90.4	91.7	93.8	94.2	96.0	97.2	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 936

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94835 K I SAWYER AFB MI 9-70 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)	≥10	≥7	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	<¼
≥ 22000		48.6	49.7	50.0	50.0	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.3
		50.4	51.5	51.8	51.8	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.2
≥ 15000		51.0	52.0	52.4	52.4	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.7
≥ 12000		51.3	52.4	52.7	52.7	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.0
≥ 10000		51.7	53.0	53.3	53.3	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.7
≥ 9000		53.1	54.4	54.7	54.7	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.1
≥ 8000		53.4	54.7	55.1	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4
≥ 7000		53.8	55.4	55.7	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0
≥ 6000		54.3	55.9	56.2	56.2	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6
≥ 5000		55.3	56.9	57.2	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5
≥ 4500		56.7	58.4	58.7	58.7	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0
≥ 4000		58.9	60.6	61.0	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3
≥ 3500		60.0	61.7	62.0	62.0	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5
≥ 3000		61.9	63.8	64.1	64.1	64.5	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8
≥ 2500		62.6	64.4	64.8	65.1	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8
≥ 2000		64.9	66.8	67.3	67.6	68.5	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9
≥ 1800		67.3	69.7	70.6	71.2	72.4	72.6	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1
≥ 1500		69.4	72.0	73.3	74.1	76.0	76.2	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5
≥ 1200		70.4	73.3	74.6	75.4	77.3	77.5	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8
≥ 1000		71.6	74.6	75.9	76.8	79.1	79.4	80.1	80.6	80.8	80.8	80.9	80.9	81.0	81.0	81.1
≥ 900		72.9	76.0	77.3	78.2	80.5	81.0	81.9	82.7	82.8	82.8	82.9	82.9	83.0	83.0	83.1
≥ 800		73.3	76.6	78.0	79.1	81.6	82.2	83.3	84.6	84.7	84.9	85.3	85.3	85.4	85.4	85.5
≥ 700		73.3	76.6	78.0	79.1	81.7	82.3	83.5	84.8	84.9	85.2	85.5	85.6	85.7	85.7	85.8
≥ 600		73.5	76.9	78.4	79.7	82.5	83.0	84.6	86.0	86.3	86.6	87.1	87.4	87.5	87.5	87.6
≥ 500		73.8	77.2	78.9	80.2	83.0	83.5	85.3	86.7	87.1	87.4	88.3	88.6	88.7	88.7	88.8
≥ 400		73.8	77.2	78.9	80.2	83.3	84.0	86.0	88.3	88.7	89.0	90.3	90.6	90.9	90.9	91.0
≥ 300		74.1	77.5	79.2	80.5	84.2	85.2	87.4	89.7	90.1	90.4	91.8	92.3	92.6	92.6	92.9
≥ 200		74.1	77.5	79.2	80.5	84.2	85.2	87.5	90.2	90.6	91.0	92.8	93.2	93.7	93.7	93.9	94.0
≥ 100		74.1	77.6	79.4	80.6	84.3	85.3	87.7	90.9	91.5	92.0	93.9	94.4	95.3	95.3	95.5	95.6
≥ 0		74.1	77.6	79.4	80.6	84.3	85.3	88.0	91.1	91.9	92.8	94.7	95.3	96.7	97.2	98.4	98.8
		74.1	77.6	79.4	80.6	84.3	85.3	88.0	91.1	92.0	93.1	95.1	95.6	97.0	98.0	99.1	99.6
		74.1	77.6	79.4	80.6	84.3	85.3	88.0	91.1	92.0	93.1	95.1	95.6	97.0	98.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 9-74 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥	2½	2	1¾	1½	1¼	1	¾	½	¼	0	≥	≥	≥	≥	≥
≥ 22000	42.3	43.1	43.4	43.5	43.6	43.6	43.7	43.8	43.8	43.8	43.8	43.8	43.9	43.9	43.9	43.9
≥ 20000	44.2	45.0	45.4	45.5	45.7	45.7	45.7	45.8	45.8	45.8	45.9	45.9	45.9	45.9	45.9	46.0
≥ 18000	44.6	45.4	45.8	45.9	46.1	46.1	46.1	46.2	46.2	46.2	46.3	46.3	46.3	46.3	46.3	46.4
≥ 17000	44.8	45.7	46.0	46.2	46.4	46.4	46.4	46.5	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.7
≥ 16000	45.9	46.8	47.1	47.3	47.5	47.5	47.5	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.8
≥ 15000	46.9	47.9	48.3	48.4	48.6	48.6	48.6	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.9
≥ 14000	48.1	49.1	49.5	49.6	49.8	49.8	49.9	49.9	49.9	50.0	50.0	50.0	50.1	50.1	50.1	50.1
≥ 13000	48.7	49.8	50.2	50.3	50.5	50.5	50.6	50.6	50.6	50.7	50.8	50.8	50.8	50.8	50.8	50.8
≥ 12000	50.0	51.1	51.5	51.6	51.8	51.9	51.9	52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.2	52.2
≥ 11000	51.0	52.2	52.6	52.7	53.0	53.0	53.0	53.1	53.1	53.2	53.2	53.2	53.3	53.3	53.3	53.3
≥ 10000	52.0	53.3	53.7	53.8	54.1	54.1	54.2	54.2	54.2	54.3	54.4	54.4	54.4	54.4	54.4	54.5
≥ 9000	53.7	55.3	55.7	55.9	56.2	56.2	56.2	56.3	56.3	56.4	56.4	56.4	56.5	56.5	56.5	56.5
≥ 8000	54.5	56.2	56.6	56.8	57.2	57.2	57.3	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.6
≥ 7000	55.9	57.8	58.2	58.4	58.9	59.0	59.1	59.2	59.2	59.3	59.4	59.4	59.4	59.4	59.4	59.5
≥ 6000	56.9	59.9	59.4	59.6	60.2	60.3	60.4	60.5	60.5	60.6	60.7	60.7	60.7	60.7	60.7	60.8
≥ 5000	59.4	61.8	62.5	62.8	63.8	63.8	64.9	64.1	64.2	64.3	64.4	64.4	64.4	64.4	64.5	64.5
≥ 4500	61.5	64.7	65.5	66.3	67.6	67.7	68.0	68.3	68.3	68.5	68.6	68.6	68.6	68.6	68.7	68.7
≥ 4000	63.8	67.4	68.6	69.4	71.1	71.2	71.8	72.3	72.4	72.7	72.8	72.8	72.9	72.9	72.9	72.9
≥ 3500	64.5	68.2	69.6	70.2	72.0	72.1	72.8	73.3	73.5	73.7	73.8	73.8	73.9	73.9	73.9	74.0
≥ 3000	66.7	70.7	72.4	73.2	75.2	75.5	76.3	77.2	77.5	77.8	78.0	78.0	78.1	78.1	78.2	78.2
≥ 2500	67.9	72.3	74.2	75.1	77.4	77.7	78.8	79.8	80.2	80.5	80.8	80.9	80.9	80.9	81.0	81.1
≥ 2000	68.5	73.2	75.2	76.2	78.7	79.0	80.4	81.5	81.9	82.5	82.9	82.9	83.1	83.1	83.1	83.2
≥ 1800	68.8	73.5	75.6	76.6	79.3	79.7	81.1	82.2	82.7	83.3	83.9	83.9	84.1	84.1	84.1	84.2
≥ 1600	69.1	73.9	76.1	77.3	80.1	80.5	82.0	83.3	84.0	84.5	85.3	85.4	85.7	85.7	85.7	85.8
≥ 1400	69.2	74.1	76.3	77.6	80.6	81.1	82.8	84.2	84.8	85.6	86.8	86.9	87.3	87.3	87.4	87.4
≥ 1200	69.2	74.3	76.5	77.8	81.1	81.6	83.4	85.1	85.9	86.7	88.1	88.2	88.6	88.7	88.7	88.8
≥ 1000	69.4	74.5	76.8	78.3	82.0	82.5	84.8	86.7	87.7	88.7	90.3	90.5	91.1	91.2	91.5	91.6
≥ 900	69.4	74.6	76.9	78.3	82.2	82.8	85.2	87.5	88.5	89.6	91.4	91.6	92.4	92.6	93.0	93.0
≥ 800	69.4	74.6	77.0	78.5	82.4	83.1	85.6	88.1	89.4	90.7	92.6	93.1	94.1	94.4	95.0	95.5
≥ 700	69.4	74.6	77.0	78.5	82.4	83.2	85.7	88.4	89.8	91.3	93.7	94.1	95.4	96.1	97.4	98.4
≥ 600	69.4	74.6	77.0	78.5	82.4	83.2	85.7	88.4	89.8	91.3	93.8	94.2	95.6	96.3	98.1	99.9
≥ 500	69.4	74.6	77.0	78.5	82.4	83.2	85.7	88.4	89.8	91.3	93.8	94.2	95.6	96.3	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 9-76 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS.

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥5/16		≥0
NO CEILING	54.4	55.4	55.6	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 20000	55.3	56.3	56.5	56.8	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 18000	55.4	56.4	56.6	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 16000	55.7	56.7	57.0	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 14000	56.2	57.2	57.4	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 12000	56.7	58.0	58.2	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7
≥ 11000	59.0	60.2	60.4	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	61.0	61.0
≥ 9000	59.0	61.1	61.3	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8
≥ 8000	62.0	63.2	63.5	63.8	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2
≥ 7000	64.2	65.5	66.1	66.4	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.9	66.9
≥ 6000	66.0	67.4	67.9	68.4	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1
≥ 5000	69.2	70.9	71.3	71.9	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6
≥ 4500	69.6	71.3	71.9	72.4	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2
≥ 4000	71.1	72.9	73.4	74.0	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.9	74.9
≥ 3500	72.3	74.2	74.7	75.3	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	7
≥ 3000	74.3	76.4	77.2	77.8	78.5	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	75.
≥ 2500	74.7	76.9	77.8	78.9	79.9	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4
≥ 2000	76.1	78.4	79.4	80.9	82.0	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9
≥ 1800	76.3	78.6	79.6	81.1	82.2	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1
≥ 1500	77.4	79.9	80.9	82.3	83.5	84.0	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.5	84.5
≥ 1200	77.6	80.6	81.6	83.2	84.8	85.2	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.8	85.8
≥ 1000	77.8	81.0	82.2	83.9	85.5	86.0	86.3	86.4	86.5	86.7	86.7	86.7	86.7	86.8	86.8
≥ 900	78.0	81.2	82.4	84.1	85.9	86.3	86.7	86.8	86.9	87.0	87.0	87.0	87.0	87.1	87.1
≥ 800	78.1	81.4	82.6	84.3	86.2	86.7	87.0	87.1	87.2	87.3	87.3	87.3	87.3	87.4	87.4
≥ 700	78.1	81.8	83.0	84.9	86.8	87.2	87.5	87.7	87.8	88.4	88.7	88.7	88.9	88.9	89.0
≥ 600	78.1	81.8	83.0	84.9	87.2	87.7	88.0	88.4	88.5	89.2	89.4	89.4	89.8	89.9	89.9
≥ 500	78.1	82.1	83.3	85.4	87.9	88.5	89.1	89.5	90.1	90.9	91.4	91.4	91.8	91.9	91.9
≥ 400	78.2	82.2	83.4	85.7	88.4	89.5	90.2	90.8	91.4	92.2	92.9	92.9	93.2	93.2	93.3
≥ 300	78.2	82.3	83.6	86.0	88.8	89.9	91.1	91.8	92.7	93.4	94.1	94.1	94.9	94.9	95.2
≥ 200	78.2	82.3	83.6	86.0	88.9	90.0	91.4	92.2	93.2	94.7	95.7	95.7	97.1	97.4	98.1
≥ 100	78.2	82.3	83.6	86.0	88.9	90.0	91.4	92.2	93.2	94.8	95.9	96.0	97.4	98.1	98.8
≥ 0	78.2	82.3	83.6	86.0	88.9	90.0	91.4	92.2	93.2	94.8	95.9	96.0	97.4	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

248 K I SAWYER AFB MI 69-76 AP8

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥	≥	≥	≥	≥	≥5/8	≥	≥0
NO CEILING	53.1	54.2	54.7	54.9	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 20000	54.2	55.3	55.8	56.0	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 18000	54.2	55.3	55.8	56.0	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 16000	54.2	55.3	55.8	56.0	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 14000	55.2	56.3	56.8	57.0	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 12000	56.0	57.2	57.7	57.9	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 00	57.3	58.6	59.0	59.2	59.6	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 200	57.8	59.0	59.4	59.7	60.0	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 8000	58.9	60.2	60.7	60.9	61.2	61.3	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 7000	60.3	61.7	62.1	62.3	62.7	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 6000	61.8	63.1	63.7	63.9	64.3	64.4	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 5000	64.8	66.3	67.0	67.3	67.8	67.9	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 4500	65.0	66.8	67.4	67.9	68.3	68.4	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 4000	67.0	68.8	69.6	70.1	70.6	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 3500	68.0	70.3	71.2	71.8	72.2	72.3	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 3000	70.2	72.8	73.8	74.4	75.2	75.3	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 2500	71.7	74.2	75.7	76.3	77.3	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 2000	73.2	76.3	78.0	79.0	80.1	80.3	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1800	73.4	76.7	78.3	79.3	80.4	80.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 1500	73.7	76.9	78.6	79.7	80.9	81.1	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 1200	74.7	78.3	80.0	81.3	82.7	82.9	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1000	74.7	78.6	80.4	81.8	83.2	83.4	83.6	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2
≥ 900	74.7	78.6	80.7	82.0	83.6	83.8	83.9	84.3	84.6	84.6	84.7	84.7	84.7	84.7	84.7
≥ 800	75.0	79.0	81.4	83.2	84.8	85.1	85.2	85.7	85.9	86.0	86.1	86.1	86.1	86.1	86.1
≥ 700	75.2	79.7	82.1	84.1	85.9	86.2	86.7	87.2	87.4	88.0	88.2	88.2	88.2	88.2	88.2
≥ 600	75.2	79.7	82.1	84.1	86.4	87.0	87.6	88.2	88.4	89.0	89.2	89.2	89.6	89.6	89.6
≥ 500	75.2	80.2	82.8	85.0	87.6	88.1	89.0	90.0	90.3	90.9	91.1	91.1	91.6	91.7	91.8	91.8
≥ 400	75.2	80.2	82.8	85.0	88.1	88.8	89.8	90.8	91.2	91.8	92.0	92.0	92.4	92.6	92.7	92.7
≥ 300	75.2	80.2	82.8	85.0	88.7	89.4	90.7	91.7	92.6	93.3	93.7	93.7	94.2	94.4	94.8	94.8
≥ 200	75.2	80.2	82.8	85.0	88.7	89.4	90.8	92.4	93.4	95.1	95.7	96.0	96.7	96.9	98.2	98.6
≥ 100	75.2	80.2	82.8	85.0	88.7	89.4	90.8	92.4	93.6	95.4	96.0	96.3	97.1	97.3	98.7	100.0
≥ 0	75.2	80.2	82.8	85.0	88.7	89.4	90.8	92.4	93.6	95.4	96.0	96.3	97.1	97.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

948[illegible] K I SAWYER AFB MI 9-7[illegible] APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	46.0	47.7	48.3	48.3	48.8	48.8	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 20000	48.1	50.0	50.7	50.7	51.1	51.1	51.1	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4
≥ 18000	48.1	50.0	50.7	50.7	51.1	51.1	51.1	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4
≥ 16000	48.2	50.1	50.8	50.8	51.2	51.2	51.2	51.4	51.4	51.6	51.6	51.6	51.6	51.6	51.6
≥ 14000	48.9	50.8	51.4	51.4	51.9	51.9	51.9	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2
≥ 12000	51.4	53.4	54.1	54.1	54.6	54.6	54.6	54.8	54.8	54.9	54.9	54.9	54.9	55.0	55.0
≥ 10000	53.4	55.6	56.3	56.3	56.8	56.8	56.8	57.0	57.0	57.1	57.1	57.1	57.1	57.2	57.2
≥ 9000	54.1	56.2	57.0	57.0	57.4	57.4	57.4	57.7	57.7	57.8	57.8	57.8	57.8	57.9	57.9
≥ 8000	55.4	57.6	58.4	58.4	58.9	58.9	58.9	59.1	59.1	59.2	59.2	59.2	59.2	59.3	59.3
≥ 7000	56.6	58.8	59.7	59.7	60.1	60.1	60.1	60.3	60.3	60.4	60.4	60.4	60.4	60.6	60.6
≥ 6000	57.9	60.1	61.0	61.0	61.4	61.4	61.4	61.7	61.7	61.8	61.9	61.9	61.9	62.0	62.0
≥ 5000	60.8	63.2	64.6	64.6	65.0	65.0	65.[illegible]	65.2	65.2	65.4	65.6	65.6	65.6	65.7	65.7
≥ 4500	61.2	63.7	65.0	65.0	65.4	65.4	65.4	65.7	65.7	65.9	66.0	66.0	66.0	66.1	66.1
≥ 4000	62.6	65.0	66.3	66.3	66.9	66.9	66.9	67.2	67.2	67.4	67.6	67.6	67.6	67.7	67.7
≥ 3500	63.3	66.0	67.6	67.6	68.1	68.1	68.1	68.4	68.4	68.7	68.8	68.8	68.8	68.9	68.9
≥ 3000	66.0	69.2	70.9	70.9	71.4	71.4	71.4	71.8	71.8	72.0	72.1	72.1	72.1	72.2	72.2
≥ 2500	67.2	70.4	72.1	72.3	72.9	72.9	73.1	73.4	73.4	73.7	73.8	73.8	73.8	73.9	73.9
≥ 2000	70.4	74.0	75.7	75.9	76.6	76.6	76.8	77.1	77.2	77.4	77.6	77.6	77.6	77.7	77.7
≥ 1800	71.0	74.6	76.2	76.4	77.2	77.2	77.4	77.8	78.1	78.3	78.4	78.4	78.4	78.6	78.6
≥ 1500	72.4	76.0	77.8	78.0	78.8	78.8	79.0	79.3	79.7	79.9	80.0	80.0	80.0	80.1	80.1
≥ 1200	73.8	77.7	79.6	79.8	80.6	80.6	80.8	81.1	81.4	81.7	81.8	81.8	81.8	81.9	81.9
≥ 1000	74.2	78.7	80.6	81.0	81.9	81.9	82.4	82.8	83.1	83.3	83.7	83.7	83.7	83.8	83.8
≥ 900	74.4	79.1	81.0	81.4	82.3	82.3	82.9	83.2	83.8	84.0	84.3	84.3	84.3	84.4	84.4
≥ 800	74.4	79.6	81.7	82.2	83.1	83.1	83.9	84.3	84.9	85.1	85.4	85.4	85.6	85.7	85.7
≥ 700	74.6	79.7	81.8	82.3	83.4	83.4	84.2	84.7	85.2	85.8	86.2	86.2	86.4	86.6	86.6
≥ 600	74.8	80.[illegible]	82.1	82.7	84.3	84.7	86.2	86.9	87.4	88.2	88.8	88.8	89.1	89.2	89.2
≥ 500	74.9	80.2	82.4	83.1	84.9	85.6	87.1	87.8	88.3	89.1	89.8	89.8	90.2	90.4	90.6	90.6
≥ 400	74.9	80.6	82.8	83.7	85.6	86.7	88.2	89.0	89.9	90.9	91.7	91.7	92.1	92.3	92.4	92.4
≥ 300	74.9	80.6	82.9	83.9	86.0	87.2	88.8	90.0	90.9	92.2	93.4	93.4	94.1	94.7	95.1	95.1
> 200	74.9	80.6	82.9	83.9	86.0	87.2	88.9	90.3	91.4	93.1	94.6	94.9	96.0	96.8	98.1	98.1
≥ 100	74.9	80.6	82.9	83.9	86.0	87.2	88.9	90.3	91.4	93.1	94.7	95.0	96.2	97.0	98.7	100.0
≥ 0	74.9	80.6	82.9	83.9	86.0	87.2	88.9	90.3	91.4	93.1	94.7	95.0	96.2	97.0	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI (9-70) APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥⅛	≥0	≥5/8	≥¼	≥0
NO CEILING	44.0	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 25000	47.8	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 18000	48.3	49.0	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	49.1
≥ 16000	49.1	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 14000	49.7	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 12000	51.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 10000	53.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 9000	54.3	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 8000	55.8	57.0	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 7000	57.2	58.4	58.6	58.6	58.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 6000	58.2	59.4	59.6	59.6	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 5000	60.3	61.7	62.1	62.3	63.3	63.3	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 4500	60.9	62.2	62.7	62.9	63.9	63.9	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 4000	62.2	64.1	64.6	64.8	65.9	65.9	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 3500	62.6	64.6	65.0	65.2	66.3	66.3	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 3000	64.7	66.8	67.2	67.6	68.7	68.7	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 2500	67.2	69.4	69.9	70.2	71.3	71.3	71.5	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 2000	70.1	72.4	73.0	73.3	74.7	74.7	74.9	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1800	70.6	73.1	73.7	74.1	75.4	75.4	75.7	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1500	72.7	75.3	75.9	76.3	77.8	77.9	78.4	78.7	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 1200	75.1	77.9	78.6	79.1	80.8	80.9	81.6	81.8	81.9	82.1	82.1	82.1	82.2	82.2	82.2	82.2
≥ 1000	76.0	79.0	79.7	80.3	82.2	82.3	83.0	83.2	83.4	83.8	84.0	84.0	84.1	84.1	84.1	84.1
≥ 900	76.2	79.3	80.0	80.7	82.6	82.7	83.3	83.6	83.8	84.1	84.6	84.6	84.7	84.7	84.7	84.7
≥ 800	76.7	80.1	81.0	81.8	83.8	83.9	84.6	85.1	85.4	85.8	86.3	86.3	86.4	86.4	86.4	86.4
≥ 700	76.9	80.8	81.8	82.7	84.9	85.2	86.1	86.7	87.1	87.7	88.4	88.4	88.6	88.6	88.6	88.6
≥ 600	77.1	81.2	82.2	83.1	85.3	85.7	86.8	87.3	87.8	88.3	89.3	89.3	89.4	89.4	89.4	89.4
≥ 500	77.1	81.6	82.7	83.9	86.4	87.0	88.6	89.2	89.9	90.4	91.6	91.6	91.8	91.9	92.1	92.1
≥ 400	77.2	81.7	82.8	84.0	86.7	87.3	89.3	90.6	91.8	92.9	94.0	94.0	94.2	94.3	94.6	94.6
≥ 300	77.2	81.7	82.8	84.0	86.8	87.6	89.8	91.2	92.7	94.2	95.3	95.3	95.8	96.1	96.3	96.3
≥ 200	77.2	81.7	82.8	84.1	86.9	87.7	89.9	91.3	93.0	95.0	96.3	96.4	97.6	98.4	99.4	99.7
≥ 100	77.2	81.7	82.8	84.1	86.9	87.7	89.9	91.3	93.0	95.0	96.3	96.4	97.6	98.4	99.4	100.0
≥ 0	77.2	81.7	82.8	84.1	86.9	87.7	89.9	91.3	93.0	95.0	96.3	96.4	97.6	98.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 9-76 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	
NO CEILING	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 25000	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 18000	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 9000	50.2	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	50.4	50.4
≥ 4000	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	51.0	51.0	51.0
≥ 2000	52.1	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 1000	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	54.2	54.2	54.2
≥ 900	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	55.2	55.2	55.2
≥ 800	55.9	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 700	57.6	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 600	59.0	59.7	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 500	60.4	61.2	61.8	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 450	60.9	61.7	62.2	62.7	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 400	62.3	63.4	64.1	64.6	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 350	63.3	64.4	65.2	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 300	66.6	68.0	69.0	69.4	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9
≥ 250	69.4	70.9	72.1	72.7	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2
≥ 200	72.9	74.9	76.3	76.9	77.0	77.1	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7
≥ 180	74.0	76.2	77.7	78.2	78.4	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2
≥ 150	75.4	78.0	79.7	80.2	80.8	81.0	81.7	81.8	81.8	81.8	81.8	81.8	82.0	82.0	82.0	82.0
≥ 120	77.3	80.6	82.2	82.9	83.4	83.7	84.3	84.4	84.4	84.4	84.4	84.4	84.7	84.7	84.7	84.7
≥ 100	77.7	81.1	82.9	83.7	84.2	84.6	85.3	85.4	85.6	85.8	85.8	85.8	86.0	86.0	86.0	86.0
≥ 90	77.9	81.3	83.2	84.1	84.7	85.0	85.9	86.0	86.1	86.3	86.3	86.3	86.6	86.6	86.6	86.6
≥ 80	78.1	81.8	83.8	84.7	85.3	85.7	86.6	86.7	86.8	87.0	87.1	87.1	87.3	87.3	87.3	87.3
≥ 70	78.3	82.2	84.4	85.6	86.6	86.9	87.8	87.9	88.3	88.7	89.1	89.1	89.6	89.6	89.6	89.6
≥ 60	78.3	82.3	84.6	85.8	86.9	87.2	88.3	88.7	89.3	89.8	90.2	90.2	90.7	90.7	90.7	90.7
≥ 50	78.3	82.7	85.0	86.2	87.6	88.0	89.8	90.3	91.2	91.9	92.4	92.4	93.0	93.1	93.3	93.3
≥ 40	78.3	83.0	85.4	86.8	88.3	89.2	91.8	92.7	93.7	94.6	95.2	95.2	95.8	95.9	96.3	96.3
≥ 30	78.3	83.1	85.6	86.9	88.4	89.4	92.0	93.2	94.2	95.2	96.1	96.1	97.1	97.3	97.8	97.9
≥ 20	78.3	83.1	85.6	87.0	88.7	89.8	92.4	93.7	94.8	95.8	96.7	96.7	98.1	98.3	98.9	99.4
≥ 10	78.3	83.1	85.6	87.0	88.7	89.8	92.4	93.7	94.8	95.8	96.8	96.9	98.3	98.6	99.1	100.0
≥ 0	78.3	83.1	85.6	87.0	88.7	89.8	92.4	93.7	94.8	95.8	96.8	96.9	98.3	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94830 K I SAWYER AFB MI 69-78 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 20000	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	51.0	51.0
≥ 8000	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 6000	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
≥ 4000	53.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 3000	53.9	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
≥ 2500	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 2000	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 1800	58.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 1500	59.8	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	60.3
≥ 1200	61.9	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 1000	63.1	64.6	64.6	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0
≥ 900	63.4	64.9	64.9	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3
≥ 800	65.7	67.1	67.1	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.6	67.6	67.6
≥ 700	66.4	68.0	68.0	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.6	68.6	68.6
≥ 600	69.2	71.1	71.1	71.2	71.7	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1
≥ 500	73.2	75.3	75.3	75.4	75.9	76.1	76.3	76.4	76.4	76.4	76.4	76.4	76.6	76.6	76.6
≥ 400	75.4	78.0	78.3	78.9	79.6	79.8	80.1	80.4	80.4	80.4	80.6	80.6	80.8	80.8	80.8
≥ 300	76.2	78.9	79.2	79.8	80.4	80.7	81.2	81.6	81.6	81.6	81.7	81.7	81.9	81.9	81.9
≥ 200	77.4	80.7	81.1	81.8	82.6	82.8	83.3	83.7	83.7	83.7	83.8	83.8	84.0	84.0	84.0
≥ 100	79.2	82.7	83.2	83.9	84.8	85.0	85.6	85.9	85.9	85.9	86.0	86.0	86.2	86.2	86.2
≥ 0	79.3	82.9	83.4	84.2	85.3	85.6	86.1	86.4	86.7	86.7	86.9	86.9	87.1	87.1	87.1
	79.6	83.4	84.0	84.8	85.9	86.1	86.7	87.0	87.2	87.2	87.4	87.4	87.7	87.7	87.7
	79.7	83.9	84.4	85.2	86.4	86.7	87.2	87.7	87.9	87.9	88.1	88.1	88.3	88.3	88.3
	79.7	84.0	84.7	85.6	86.9	87.1	87.7	88.2	88.4	88.4	88.7	88.7	89.1	89.1	89.1
	79.7	84.2	84.9	85.4	87.4	88.0	88.7	89.6	90.0	90.2	90.6	90.7	91.1	91.1	91.1
	79.7	84.2	85.0	86.0	88.0	88.7	89.6	90.7	91.8	92.4	93.0	93.2	94.1	94.3	94.4
	79.7	84.2	85.2	86.2	88.3	89.1	90.0	91.1	92.6	93.2	93.8	94.0	94.9	95.1	95.2
	79.7	84.2	85.3	86.3	88.6	89.6	90.4	91.7	93.2	94.4	95.0	95.3	96.3	96.8	96.9
	79.7	84.2	85.3	86.3	88.6	89.6	90.6	92.0	93.6	95.1	95.9	96.2	97.6	98.0	98.4	99.1
	79.7	84.2	85.3	86.3	88.6	89.6	90.6	92.0	93.6	95.1	96.0	96.3	97.7	98.1	98.7	100.0
	79.7	84.2	85.3	86.3	88.6	89.6	90.6	92.0	93.6	95.1	96.0	96.3	97.7	98.1	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94835 K I SAWYER AFB MI 9-73 APR
STA NO STA OR NAME YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-2000

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 20000	54.0	54.0	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
≥ 18000	54.4	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
≥ 15000	55.0	55.0	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
≥ 14000	55.9	55.9	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
≥ 12000	57.7	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 10000	58.6	58.8	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
≥ 9000	59.3	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 8000	61.4	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 7000	63.9	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 6000	66.9	67.8	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 5000	68.3	69.4	69.9	70.0	70.0	70.0	70.0	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4500	68.7	69.9	70.3	70.4	70.4	70.4	70.4	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8
≥ 4000	70.4	71.8	72.2	72.3	72.3	72.3	72.3	72.4	72.4	72.7	72.7	72.7	72.7	72.7	72.7
≥ 3500	70.9	72.7	73.1	73.2	73.3	73.3	73.4	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8
≥ 3000	72.3	74.6	75.2	75.3	75.7	75.7	75.8	75.9	75.9	76.1	76.1	76.1	76.1	76.2	76.1
≥ 2500	76.1	78.8	79.7	79.8	80.6	80.7	80.8	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1
≥ 2000	77.8	80.7	81.8	81.9	82.8	82.9	83.0	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1800	78.3	81.2	82.3	82.4	83.3	83.4	83.6	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1500	79.1	82.2	83.3	83.4	84.4	84.6	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1200	80.0	83.2	84.3	84.4	85.4	85.6	85.8	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1000	80.2	83.4	84.6	84.7	85.7	85.8	86.0	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3
≥ 900	80.2	83.6	84.7	84.8	85.8	85.9	86.1	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4
≥ 800	80.2	83.6	85.0	85.1	86.4	86.6	86.8	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1
≥ 700	80.2	83.7	85.2	85.3	86.7	86.8	87.2	87.6	87.7	88.0	88.0	88.3	88.4	88.4	88.4
≥ 600	80.2	83.7	85.2	85.3	86.8	86.9	87.3	87.8	87.9	88.2	88.2	88.7	88.9	88.9	88.9
≥ 500	80.3	84.1	85.8	85.9	87.8	88.3	89.1	89.7	90.0	90.4	90.4	91.0	91.2	91.4	91.7	91.7
≥ 400	80.3	84.1	85.9	86.0	87.9	88.4	89.3	90.3	91.0	91.4	91.6	92.2	92.6	92.9	93.2	93.2
≥ 300	80.3	84.1	85.9	86.2	88.1	88.9	90.2	91.3	92.2	92.9	93.1	93.8	94.6	95.0	95.3	95.4
≥ 200	80.3	84.1	85.9	86.2	88.1	88.9	90.2	91.4	92.3	93.3	93.9	94.6	95.6	96.2	96.8	98.0
≥ 100	80.3	84.1	85.9	86.2	88.1	88.9	90.2	91.6	92.4	93.4	94.0	94.7	95.7	96.6	97.6	100.0
≥ 0	80.3	84.1	85.9	86.2	88.1	88.9	90.2	91.6	92.4	93.4	94.0	94.7	95.7	96.6	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94835 K I SAWYER AFB MI 79-78 APR

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	VISIBILITY IN STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	2	1½	≥1	≥¾	≥½	≥¼	<¼		
NO CEILING	54.9	55.6	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 20000	56.4	57.1	57.3	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
≥ 18000	56.7	57.3	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 17000	56.8	57.4	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 16000	57.3	58.0	58.2	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 15000	58.4	59.1	59.3	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 14000	61.0	61.8	62.0	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 13000	62.3	63.1	63.3	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 12000	64.1	65.0	65.6	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 11000	65.6	66.4	67.0	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 10000	68.2	69.2	69.8	70.3	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 9000	70.6	71.8	72.6	73.1	73.3	73.3	73.4	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 8000	71.3	72.8	73.4	74.0	74.2	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 7000	72.7	74.1	74.8	75.3	75.6	75.6	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 6000	73.2	74.8	75.4	76.0	76.2	76.2	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 5000	75.6	77.2	77.9	78.4	78.8	78.8	79.3	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4500	77.8	80.1	80.9	81.6	82.0	82.0	82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4000	78.4	81.1	82.0	82.8	83.3	83.3	84.1	84.1	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3500	78.8	81.6	82.4	83.2	83.9	83.9	84.7	84.7	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 3000	79.0	82.3	83.2	84.0	85.0	85.0	85.9	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2500	79.2	83.0	83.9	84.7	85.8	85.8	86.7	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2000	79.8	83.8	84.7	85.4	86.6	86.6	87.6	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1800	80.1	84.1	85.2	86.0	87.1	87.2	88.2	88.2	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1500	80.4	84.6	85.9	86.8	88.1	88.2	89.2	89.2	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1200	80.6	84.9	86.2	87.1	88.4	88.6	89.6	89.6	89.7	90.3	90.4	90.6	90.6	90.6	90.6	90.6
≥ 1000	80.6	84.9	86.2	87.1	88.4	88.8	89.8	90.0	90.1	90.5	90.9	91.1	91.1	91.1	91.1	91.1
≥ 900	80.6	85.1	86.6	87.6	88.9	89.4	90.6	90.8	90.9	91.8	92.0	92.2	92.6	92.6	92.6	92.6
≥ 800	80.6	85.1	86.6	87.7	89.3	90.1	91.4	91.8	92.1	93.1	93.8	94.0	94.3	94.3	94.3	94.3
≥ 700	80.6	85.1	86.6	88.0	89.7	90.4	92.2	92.8	93.2	94.7	95.7	95.9	96.2	96.2	96.2	96.2
≥ 600	80.6	85.1	86.6	88.0	89.7	90.4	92.2	93.0	93.6	95.1	96.1	96.4	97.3	97.4	98.0	98.8
≥ 500	80.6	85.1	86.6	88.0	89.7	90.4	92.2	93.0	93.6	95.1	96.1	96.4	97.3	97.6	98.6	99.8
≥ 0	80.6	85.1	86.6	88.0	89.7	90.4	92.2	93.0	93.6	95.1	96.1	96.4	97.3	97.6	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 9-73 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	< ¼	≥ 0
NO CEILING	49.2	49.9	50.1	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
≥ 20000	51.9	52.6	52.8	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1
≥ 15000	52.3	53.0	53.2	53.3	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 12000	52.7	53.4	53.7	53.7	53.9	53.9	54.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 10000	53.4	54.1	54.4	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 9000	54.7	55.6	55.8	55.9	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 8000	56.5	57.4	57.7	57.8	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 7000	57.3	58.2	58.5	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 6000	58.9	60.0	60.3	60.4	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 5000	60.6	61.7	62.1	62.2	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 4500	62.5	63.7	64.1	64.3	64.5	64.5	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7
≥ 4000	64.7	66.1	66.7	67.0	67.4	67.4	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7
≥ 3500	65.1	66.6	67.2	67.5	67.9	67.9	68.0	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2
≥ 3000	66.7	68.4	69.0	69.3	69.7	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1
≥ 2500	67.5	69.4	70.0	70.4	70.8	70.8	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.2	71.2
≥ 2000	69.9	72.0	72.8	73.1	73.7	73.7	74.0	74.0	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2
≥ 1800	72.2	74.5	75.4	75.9	76.6	76.7	76.9	77.0	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2
≥ 1500	74.3	77.0	78.1	78.7	79.5	79.6	8.0	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3
≥ 1200	74.8	77.6	78.7	79.3	80.2	80.3	80.7	80.8	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1
≥ 1000	75.9	78.9	80.1	80.7	81.7	81.9	82.3	82.5	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8
≥ 900	77.1	80.5	81.7	82.4	83.5	83.7	84.2	84.3	84.4	84.5	84.6	84.6	84.6	84.6	84.7	84.7
≥ 800	77.5	81.1	82.3	83.1	84.3	84.5	85.0	85.2	85.4	85.6	85.7	85.7	85.7	85.8	85.8	85.8
≥ 700	77.6	81.3	82.7	83.5	84.7	84.9	85.5	85.7	85.9	86.0	86.2	86.2	86.2	86.3	86.3	86.3
≥ 600	77.8	81.7	83.2	84.2	85.5	85.7	86.3	86.6	86.8	87.0	87.2	87.2	87.2	87.2	87.3	87.3
≥ 500	77.9	82.1	83.7	84.7	86.2	86.4	87.1	87.4	87.7	88.2	88.5	88.5	88.7	88.7	88.7	88.7
≥ 400	78.0	82.2	83.8	84.8	86.6	87.0	87.8	88.4	88.7	89.2	89.6	89.7	90.0	90.0	90.0	90.0
≥ 300	78.0	82.5	84.2	85.4	87.4	88.0	89.1	89.7	90.3	91.0	91.5	91.6	92.0	92.2	92.3	92.3
≥ 200	78.1	82.6	84.4	85.6	87.8	88.7	90.0	90.9	91.7	92.5	93.1	93.2	93.7	93.8	94.0	94.0
≥ 100	78.1	82.7	84.4	85.8	88.1	89.1	90.7	91.7	92.7	93.8	94.6	94.7	95.4	95.7	96.0	96.0
≥ 0C	78.1	82.7	84.4	85.8	88.2	89.1	90.8	92.1	93.2	94.7	95.6	95.9	97.0	97.4	98.2	98.9
≥ 0	78.1	82.7	84.4	85.8	88.2	89.1	90.8	92.1	93.2	94.7	95.7	96.0	97.2	97.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94636 K I SAWYER AFB MI 79-7[illegible] MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	55.4	56.2	57.3	57.6	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.3
≥ 20000	56.7	57.6	58.6	59.1	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.8
≥ 9000	56.9	57.8	59.0	59.4	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9	60.0
≥ 8000	57.0	58.0	59.1	59.5	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.1
≥ 7000	57.8	58.8	60.0	60.3	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9	61.0
≥ 6000	59.2	60.4	61.6	61.9	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.6
≥ 5000	63.3	64.5	66.0	66.3	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	67.0
≥ 4500	64.2	65.7	67.2	67.5	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.2
≥ 4000	64.9	66.5	68.1	68.4	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.2
≥ 3500	66.1	67.6	69.2	69.6	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.4
≥ 3000	67.8	69.4	71.0	71.4	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.5
≥ 2500	69.9	71.4	73.1	73.7	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.9	75.1
≥ 2400	70.9	72.5	74.2	74.7	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.2
≥ 2200	71.4	73.3	75.1	75.6	77.0	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.5
≥ 2000	72.6	74.5	76.2	76.8	78.3	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.8
≥ 1800	74.1	76.1	78.2	78.9	80.5	80.8	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.3
≥ 1500	75.7	78.0	80.0	81.1	83.0	83.2	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.8
≥ 1400	76.8	79.2	81.4	82.5	84.6	84.8	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.5
≥ 1300	76.8	79.4	81.5	82.6	84.7	84.9	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.6
≥ 1200	77.4	80.1	82.3	83.3	85.6	85.8	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.5	86.6
≥ 1100	77.7	80.4	82.7	83.9	86.2	86.5	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.2
≥ 1000	78.2	80.9	83.1	84.3	86.9	87.1	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.8	88.0
≥ 900	78.2	80.9	83.2	84.5	87.1	87.3	87.5	89.0	88.1	88.1	88.1	88.1	88.1	88.2	88.3
≥ 800	78.2	80.9	83.2	84.6	87.3	87.5	87.7	88.2	88.3	88.3	88.3	88.3	88.3	88.4	88.5
≥ 700	78.3	81.0	83.7	85.1	87.7	88.0	88.3	88.7	88.8	88.8	88.8	88.8	88.8	88.9	89.0
≥ 600	78.3	81.0	83.7	85.2	88.1	88.3	88.6	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.4
≥ 500	78.3	81.0	83.7	85.2	88.1	88.3	88.9	89.4	89.5	89.5	89.7	89.7	89.7	89.8	89.9
≥ 400	78.4	81.1	83.8	85.3	88.3	88.6	89.6	90.2	90.5	90.8	91.2	91.2	91.4	91.[illegible]	91.5	91.6
≥ 300	78.4	81.1	83.8	85.4	88.7	89.2	90.4	91.9	92.4	92.7	93.5	93.5	93.8	93.[illegible]	93.9	94.0
≥ 200	78.4	81.1	83.9	85.5	88.9	89.6	91.0	92.9	93.9	94.3	95.4	95.6	96.7	96.9	97.3	97.8
≥ 100	78.4	81.1	83.9	85.5	89.1	89.8	91.2	93.1	94.1	94.5	95.6	95.8	97.0	97.[illegible]	98.7	99.9
≥ 0	78.4	81.1	83.9	85.5	89.1	89.8	91.2	93.1	94.1	94.5	95.6	95.8	97.0	97.3	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94835 K I SAWYER AFB MI 9-76 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

CEILING LESS THAN (FEET)	VISIBILITY IS AT LEAST (STATUTE MILES)															
	10	9	8	7	6	5	4	3	2½	2	1½	1¼	1	¾	½	¼
NO CEILING	50.1	51.5	51.9	52.5	53.3	53.3	53.5	53.5	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0
≥ 20000	52.4	54.0	54.4	54.9	55.9	55.9	56.1	56.1	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6
≥ 15000	52.4	54.0	54.4	54.9	55.9	55.9	56.1	56.1	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6
≥ 12000	52.7	54.3	54.7	55.3	56.2	56.2	56.5	56.5	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9
≥ 10000	53.2	54.8	55.4	55.9	56.9	56.9	57.1	57.1	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5
≥ 9000	54.4	56.2	56.9	57.4	58.4	58.4	58.6	58.6	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0
≥ 8000	58.2	60.1	60.9	61.4	62.4	62.4	62.6	62.6	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0
≥ 7000	58.6	60.5	61.3	61.8	62.8	62.8	63.0	63.0	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4
≥ 6000	59.0	61.2	61.9	62.5	63.5	63.5	63.8	63.8	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2
≥ 5000	60.6	63.1	63.9	64.4	65.6	65.6	65.8	65.8	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2
≥ 4500	62.8	65.3	66.0	66.7	68.1	68.1	68.4	68.4	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8
≥ 4000	65.2	67.9	69.0	69.7	71.1	71.1	71.4	71.4	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8
≥ 3500	65.9	68.8	70.0	70.6	72.0	72.0	72.4	72.4	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8
≥ 3000	66.9	70.1	71.3	71.9	73.8	73.8	74.1	74.1	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5
≥ 2500	67.6	70.9	72.0	72.7	74.5	74.5	74.8	74.8	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3
≥ 2000	68.7	72.4	73.5	74.2	76.2	76.2	76.6	76.9	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4
≥ 1500	70.0	74.0	75.2	75.9	78.1	78.1	78.4	78.7	79.1	79.2	79.5	79.6	79.6	79.6	79.6	79.6
≥ 1200	70.9	75.1	76.2	77.0	79.5	79.5	79.8	80.2	80.6	80.8	81.0	81.1	81.1	81.1	81.1	81.1
≥ 1000	71.2	75.4	76.6	77.3	79.8	79.8	80.1	80.5	81.0	81.1	81.3	81.4	81.4	81.4	81.4	81.4
≥ 900	71.8	76.7	78.2	78.9	81.5	81.5	81.8	82.3	82.7	82.8	83.0	83.1	83.1	83.1	83.1	83.1
≥ 800	72.4	77.4	79.0	79.9	82.8	82.8	83.1	83.7	84.1	84.2	84.4	84.5	84.5	84.5	84.5	84.5
≥ 700	72.6	77.7	79.4	80.2	83.1	83.2	83.5	84.2	84.6	84.7	84.9	85.1	85.1	85.1	85.1	85.1
≥ 600	72.7	78.2	79.9	80.9	83.8	83.9	84.2	84.8	85.3	85.4	85.6	85.7	85.7	85.7	85.7	85.7
≥ 500	72.8	78.4	80.1	81.1	84.2	84.3	84.6	85.3	85.7	85.8	86.0	86.1	86.1	86.1	86.1	86.1
≥ 400	72.8	78.4	80.1	81.1	84.2	84.3	84.9	85.6	86.1	86.3	86.6	86.7	86.7	86.7	86.7	86.7
≥ 300	73.1	78.7	80.4	81.5	84.8	84.9	85.3	86.3	86.9	87.1	87.3	87.4	87.4	87.4	87.4	87.4
≥ 200	73.1	78.7	80.4	81.6	85.3	85.5	86.7	87.4	88.0	88.6	88.8	88.9	89.0	89.0	89.0	89.0
≥ 100	73.2	78.9	81.2	82.5	86.1	86.3	87.7	88.5	89.1	89.9	90.2	90.3	90.5	90.5	90.5	90.5
≥ 0	73.4	79.1	81.5	82.8	86.7	87.0	89.0	90.4	91.4	92.5	92.9	93.0	93.2	93.2	93.3	93.3
	73.4	79.1	81.6	82.9	87.0	87.3	89.7	91.4	92.6	93.9	94.8	95.1	96.2	96.2	97.4	98.4
	73.4	79.1	81.6	82.9	87.0	87.3	89.7	91.4	92.6	93.9	94.9	95.3	96.6	96.8	98.1	99.6
	73.4	79.1	81.6	82.9	87.0	87.3	89.7	91.4	92.6	93.9	94.9	95.3	96.6	96.8	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94830 K I SAWYER AFB MI 9-76 DAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	[illegible]	2½	2	1¾	1½	1¼	1	¾	½	¼	0					
NO CEILING	44.7	46.8	47.5	48.2	48.6	48.6	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.5
≥ 20000	47.4	50.0	51.0	51.6	52.0	52.0	52.7	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.3
≥ 8000	47.6	50.2	51.2	51.8	52.3	52.3	52.9	53.1	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.5
≥ 6000	47.7	50.3	51.3	51.9	52.4	52.4	53.0	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.7
≥ 4500	48.3	51.1	52.0	52.8	53.2	53.2	53.9	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.5
≥ 4000	49.2	52.2	53.1	53.9	54.3	54.3	54.9	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.6
≥ 3500	53.4	56.5	57.4	58.2	58.7	58.7	59.4	59.6	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.2
≥ 3000	54.0	57.1	58.2	58.9	59.6	59.6	60.2	60.4	60.8	60.9	60.9	60.9	60.9	60.9	60.9	61.1
≥ 2500	55.4	58.7	59.8	60.8	61.4	61.4	62.0	62.3	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.9
≥ 2000	56.6	60.1	61.2	62.2	62.9	62.9	63.5	63.8	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.4
≥ 1800	58.2	61.8	62.9	63.9	64.7	64.7	65.6	65.8	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.5
≥ 1500	61.1	64.9	66.1	67.2	68.3	68.3	69.1	69.5	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.2
≥ 1400	61.6	65.5	66.7	67.7	68.8	68.8	69.7	70.0	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.8
≥ 1300	62.5	66.3	67.5	68.6	69.8	69.8	70.6	71.0	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.7
≥ 1200	62.7	66.6	67.7	68.8	70.0	70.0	70.9	71.2	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.9
≥ 1100	63.9	67.8	69.0	70.2	71.4	71.4	72.5	72.9	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.7
≥ 1000	65.9	70.1	71.4	72.6	73.9	73.9	74.9	75.4	75.7	75.9	75.9	75.9	75.9	75.9	75.9	76.1
≥ 900	67.3	71.7	73.2	74.4	75.7	75.7	76.9	77.4	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.2
≥ 800	68.0	72.4	73.9	75.1	76.5	76.5	77.6	78.2	78.6	78.8	78.8	78.8	78.8	78.8	78.8	79.0
≥ 700	68.9	73.5	75.1	76.3	77.7	77.7	79.0	79.6	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.5
≥ 600	69.6	74.4	76.0	77.4	78.8	78.8	80.3	81.0	81.6	81.8	81.8	81.8	81.8	81.8	81.8	82.0
≥ 500	70.1	75.1	76.8	78.2	79.7	79.8	81.3	82.0	82.7	82.9	82.9	82.9	82.9	82.9	82.9	83.1
≥ 450	70.4	75.5	77.2	78.6	80.1	80.2	81.7	82.5	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.5
≥ 400	71.2	76.3	78.1	79.5	81.1	81.2	82.7	83.9	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.9
≥ 350	71.2	76.5	78.3	79.7	81.5	81.7	83.4	84.7	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.8
≥ 300	71.5	76.9	78.7	80.1	82.0	82.3	84.1	85.5	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.6
≥ 250	71.7	77.1	79.2	80.6	82.8	83.0	84.9	87.1	87.8	88.1	88.1	88.1	88.2	88.2	88.2	88.4
≥ 200	71.8	77.4	79.9	81.4	83.8	84.1	86.5	88.8	89.9	90.2	90.3	90.3	90.4	90.4	90.4	90.6
≥ 150	71.8	77.4	80.0	81.5	84.1	84.4	87.1	89.9	91.5	92.0	92.7	92.7	93.3	93.3	93.3	93.5
≥ 100	71.9	77.5	80.1	81.6	84.2	84.6	87.5	90.5	92.8	93.3	94.3	94.7	96.2	96.6	98.1	98.8
≥ 050	71.9	77.5	80.1	81.6	84.2	84.6	87.5	90.5	92.8	93.3	94.3	94.7	96.2	96.7	98.4	99.9
≥ 000	71.9	77.5	80.1	81.6	84.2	84.6	87.5	90.5	92.8	93.3	94.3	94.7	96.2	96.7	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 9-7 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

CEILING (FEET)	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥
NO CEILING	46.3	48.0	48.4	48.9	49.1	49.1	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 20000	49.2	51.1	51.5	52.0	52.3	52.3	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 8000	49.7	51.5	51.9	52.5	52.7	52.7	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 6000	49.8	51.6	52.0	52.6	52.8	52.8	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.6
≥ 4500	50.4	52.3	52.7	53.2	53.4	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 3500	53.5	55.4	55.8	56.3	56.6	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 3000	56.0	58.2	58.7	59.2	59.5	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 2500	56.9	59.0	59.7	60.2	60.4	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 2000	58.3	60.4	61.1	61.6	61.8	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 1800	59.9	62.3	62.9	63.4	63.7	63.7	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 1600	61.6	64.0	64.6	65.2	65.6	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 1400	63.0	65.5	66.1	66.7	67.1	67.2	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 1200	63.7	66.2	66.9	67.4	67.8	68.0	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 1000	65.3	68.0	68.6	69.1	69.6	69.7	69.8	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 900	66.0	68.7	69.4	69.9	70.3	70.4	70.5	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 800	66.8	69.6	70.5	71.1	71.6	71.7	71.8	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 700	69.0	72.4	73.3	74.0	74.6	74.7	74.8	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 600	70.8	74.2	75.2	75.8	76.5	76.6	76.8	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 500	71.8	75.4	76.3	77.0	77.7	77.8	78.2	78.4	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 400	73.0	76.7	78.0	78.7	79.5	79.6	79.9	80.1	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 300	73.5	77.3	78.6	79.4	80.2	80.5	80.9	81.1	81.3	81.5	81.7	81.7	81.7	81.7	81.7	81.7
≥ 200	74.9	78.7	80.1	81.1	82.0	82.4	82.7	82.9	83.1	83.4	83.8	83.8	83.8	83.8	83.8	83.8
≥ 100	75.6	79.4	80.9	81.9	82.9	83.2	83.5	83.8	84.1	84.4	84.7	84.7	84.7	84.7	84.7	84.7
≥ 0	76.0	79.8	81.3	82.4	83.3	83.7	84.0	84.3	84.6	84.9	85.3	85.3	85.3	85.3	85.3	85.3
	76.3	80.8	82.4	83.4	84.7	85.1	85.6	85.9	86.2	86.6	86.9	86.9	86.9	86.9	86.9	86.9
	76.9	81.5	83.1	84.4	85.9	86.3	86.9	87.2	87.5	87.8	88.2	88.2	88.2	88.2	88.2	88.2
	77.1	82.0	83.7	84.9	86.7	87.3	88.1	88.7	89.5	89.8	90.1	90.1	90.1	90.2	90.2	90.2
	77.2	82.5	84.2	85.5	87.4	88.1	88.9	90.3	91.2	91.7	92.2	92.2	92.3	92.4	92.4	92.4
	77.3	82.9	84.7	86.2	88.4	89.0	90.5	92.6	93.7	94.7	95.8	95.9	96.9	97.0	97.0	97.0
	77.3	82.9	84.7	86.2	88.5	89.1	90.6	92.8	94.2	95.3	96.6	96.8	97.8	98.0	98.2	98.4
	77.3	82.9	84.7	86.2	88.5	89.1	90.6	92.8	94.2	95.3	96.6	96.8	97.8	98.2	98.9	100.0
	77.3	82.9	84.7	86.2	88.5	89.1	90.6	92.8	94.2	95.3	96.6	96.8	97.8	98.2	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

946xx K I SAWYER AFB MI 69-73 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING (FEET)	≥ 0	≥ ¼	≥ ½	≥ ¾	≥ 1	≥ 1¼	≥ 1½	≥ 1¾	≥ 2	≥ 2½	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10
< 100	47.1	47.4	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 200	49.8	50.2	50.9	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	51.2
≥ 300	50.9	51.3	51.9	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 400	51.1	51.5	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 500	51.7	52.2	52.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 600	54.4	54.8	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 700	57.0	57.4	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 800	57.4	57.8	58.5	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 900	58.8	59.4	60.0	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	60.3	60.3
≥ 1000	60.6	61.2	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 1100	62.6	63.1	63.8	64.1	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 1200	64.0	64.5	65.2	65.5	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 1300	64.5	65.1	65.7	66.0	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 1400	66.2	66.7	69.6	69.9	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 1500	69.1	69.9	70.8	71.3	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 1800	70.9	72.0	72.9	73.4	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 2000	73.4	74.5	75.5	76.0	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 2200	75.6	77.2	78.1	78.7	79.6	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 2500	76.1	78.0	78.8	79.5	80.3	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3000	78.3	80.3	81.2	81.9	83.0	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3500	79.6	81.6	82.5	83.2	84.4	84.5	84.9	85.2	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 4000	80.2	82.6	83.7	84.4	85.8	85.9	86.3	86.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4500	81.1	83.4	84.6	85.5	86.9	87.0	87.4	87.6	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 5000	81.8	84.2	85.4	86.3	87.8	88.0	88.4	88.6	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 6000	82.2	85.2	86.5	87.4	89.0	89.1	89.7	89.9	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 7000	82.6	85.8	87.1	88.2	89.8	89.9	90.6	90.9	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 8000	82.8	86.0	87.5	88.6	90.3	90.4	91.6	91.9	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 9000	82.9	86.1	88.0	89.2	91.3	91.5	92.9	93.8	94.4	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 10000	82.9	86.1	88.0	89.2	91.4	91.9	93.4	94.6	95.5	96.1	96.7	96.7	97.2	97.2	97.3	97.3	97.3	97.3
≥ 12000	82.9	86.1	88.0	89.2	91.4	92.0	93.5	94.8	95.9	96.8	97.4	97.7	98.5	98.7	98.9	99.0	99.0	99.0
≥ 15000	82.9	86.1	88.0	89.2	91.4	92.0	93.5	94.8	95.9	96.8	97.4	97.7	98.6	98.9	99.2	99.3	99.3	99.3
≥ 20000	82.9	86.1	88.0	89.2	91.4	92.0	93.5	94.8	95.9	96.8	97.4	97.7	98.6	98.9	99.2	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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	48.7	49.0	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 20000	53.0	53.5	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 18000	53.9	54.4	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 16000	53.9	54.5	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
≥ 14000	54.5	55.2	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 12000	56.7	57.4	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 10000	58.4	59.2	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 9000	59.0	59.9	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 8000	60.1	61.1	61.7	61.7	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 7000	61.7	62.8	63.4	63.4	63.5	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 6000	64.2	65.5	66.1	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 5000	66.1	68.0	68.6	68.6	68.7	68.7	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 4500	67.8	69.8	70.8	70.8	70.9	70.9	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 4000	71.3	73.2	74.3	74.3	74.4	74.4	74.4	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3500	72.6	74.6	75.7	75.7	75.8	75.8	75.8	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 3000	75.5	78.0	79.1	79.1	79.2	79.2	79.2	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 2500	78.3	81.3	82.5	82.5	82.6	82.6	82.6	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2000	79.9	82.9	84.1	84.1	84.3	84.3	84.3	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1800	80.3	83.3	84.5	84.5	84.8	84.8	84.8	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1500	82.2	85.5	86.8	86.8	87.3	87.3	87.3	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1200	82.8	86.1	87.5	87.5	88.2	88.2	88.2	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1000	83.0	86.3	88.0	88.0	88.8	88.8	88.8	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 900	83.2	86.7	88.3	88.3	89.1	89.1	89.1	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 800	83.4	87.1	88.7	88.7	89.8	89.8	89.9	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 700	83.7	87.7	89.6	89.6	90.6	90.6	90.9	91.4	91.6	91.7	92.0	92.0	92.0	92.0	92.0	92.0
≥ 600	83.9	88.2	90.1	90.1	91.3	91.3	91.5	92.0	92.3	92.4	92.8	92.8	92.9	92.9	92.9	92.9
≥ 500	84.2	88.7	90.6	90.8	92.0	92.2	92.7	93.3	93.7	93.9	94.6	94.6	94.8	94.8	94.8	94.8
≥ 400	84.2	88.7	90.6	90.8	92.2	92.4	93.4	94.4	94.7	95.2	96.2	96.2	96.5	96.5	96.5	96.5
≥ 300	84.2	88.8	90.8	90.9	92.5	92.8	94.0	95.1	95.8	96.6	97.7	97.8	98.2	98.2	98.2	98.2
≥ 200	84.2	88.8	90.8	90.9	92.5	92.8	94.1	95.4	96.3	97.3	98.5	98.6	99.0	99.0	99.1	99.2
≥ 100	84.2	88.8	90.8	90.9	92.5	92.8	94.1	95.4	96.3	97.3	98.5	98.6	99.1	99.4	99.5	100.0
≥ 0	84.2	88.8	90.8	90.9	92.5	92.8	94.1	95.4	96.3	97.3	98.5	98.6	99.1	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-75 (YEARS) MAY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1800-2000 (HOUR)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	52.6	53.2	53.5	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 20000	55.5	56.5	56.8	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 18000	55.8	56.8	57.1	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 16000	55.8	56.9	57.2	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 14000	56.3	57.4	57.7	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 12000	58.0	59.1	59.5	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 10000	60.2	61.5	61.8	62.0	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 9000	61.1	62.4	62.7	62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 8000	62.9	64.4	64.7	64.9	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 7000	66.1	67.7	68.1	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 6000	67.7	69.6	70.0	70.2	70.3	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 5000	70.6	72.8	73.3	73.5	73.9	73.9	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 4500	71.3	73.4	74.0	74.2	74.5	74.5	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 4000	74.6	77.0	77.5	77.8	78.3	78.3	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3500	75.4	78.0	78.5	78.8	79.4	79.4	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3000	77.1	79.7	80.3	80.8	81.4	81.4	81.7	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 2500	79.1	82.0	82.9	83.3	84.0	84.0	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2000	80.1	83.1	84.4	84.8	85.6	85.6	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1800	80.8	83.8	85.2	85.6	86.3	86.3	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1500	81.5	84.5	85.9	86.3	87.2	87.2	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1200	82.0	85.2	86.6	87.0	87.8	87.8	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1000	82.3	85.4	86.8	87.3	88.4	88.4	88.9	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 900	82.4	85.7	87.2	88.0	89.0	89.0	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 800	82.5	85.8	87.4	88.2	89.2	89.2	90.0	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6
≥ 700	82.5	86.0	87.7	88.6	90.2	90.2	91.0	91.5	91.5	91.6	91.8	91.8	91.8	91.8	91.8
≥ 600	82.5	86.1	87.8	88.8	90.4	90.4	91.3	91.9	92.0	92.2	92.4	92.4	92.4	92.4	92.4
≥ 500	82.5	86.6	88.4	89.6	91.2	91.2	92.4	93.0	93.2	93.4	93.8	93.3	93.9	93.9	93.9
≥ 400	82.8	87.0	89.0	90.2	92.0	92.0	93.3	94.2	94.4	94.7	95.2	95.2	95.3	95.3	95.3
≥ 300	82.9	87.1	89.1	90.4	92.5	92.5	94.0	95.1	95.8	96.1	97.1	97.1	97.4	97.5	97.5
≥ 200	82.9	87.1	89.1	90.4	92.5	92.5	94.1	95.2	95.9	96.3	97.5	97.5	98.1	98.4	98.4	98.6
≥ 100	82.9	87.1	89.1	90.4	92.5	92.5	94.1	95.2	95.9	96.3	97.6	97.6	98.7	99.0	99.0	99.9
0	82.9	87.1	89.1	90.4	92.5	92.5	94.1	95.2	95.9	96.3	97.6	97.6	98.7	99.0	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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOUR (L))

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥0
NO CEILING	54.2	55.6	56.1	56.6	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000	57.0	58.8	59.4	59.9	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 18000	57.2	59.0	59.6	60.1	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 16000	57.2	59.0	59.6	60.1	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 14000	58.3	60.2	60.8	61.3	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 12000	59.1	61.1	61.6	62.2	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 10000	62.0	64.3	64.8	65.4	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 9000	63.1	65.6	66.1	66.7	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 8000	64.8	67.7	68.4	68.9	68.9	69.0	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 7000	66.6	69.7	70.4	71.0	71.0	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 6000	68.3	71.4	72.3	72.8	72.9	73.0	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 5000	70.3	73.8	74.6	75.5	75.8	75.9	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 4500	70.9	74.4	75.4	76.2	76.6	76.7	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4000	72.3	76.0	77.1	78.0	78.6	78.7	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3500	73.8	77.5	78.7	79.7	80.3	80.4	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3000	75.7	79.5	80.9	81.9	82.9	83.0	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2500	76.8	80.5	82.0	83.2	84.2	84.3	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2000	77.7	81.6	83.2	84.4	85.5	85.6	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1800	78.3	82.2	83.8	84.9	86.0	86.1	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1500	79.1	83.0	84.6	85.8	86.9	87.0	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1200	79.6	83.5	85.2	86.3	87.4	87.5	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1000	79.8	83.8	85.5	86.7	87.7	87.8	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 900	80.0	84.1	85.9	87.1	88.2	88.3	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 800	80.2	84.3	86.2	87.5	88.6	88.7	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 700	80.2	84.3	86.3	87.7	88.9	89.0	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 600	80.2	84.3	86.3	87.7	88.9	89.0	89.8	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3
≥ 500	80.2	84.3	86.5	87.8	89.6	89.9	91.0	91.4	91.6	91.6	91.9	91.9	91.9	91.9	91.9
≥ 400	80.2	84.4	86.7	88.1	89.9	90.5	91.7	92.5	92.9	93.0	93.4	93.4	93.5	93.5	93.5
≥ 300	80.2	84.5	86.9	88.3	90.3	91.0	92.4	93.5	94.3	94.5	95.3	95.3	95.4	95.6	95.6
≥ 200	80.2	84.5	86.9	88.3	90.4	91.1	92.8	94.4	95.5	96.3	97.6	97.6	98.2	98.4	98.5
≥ 100	80.2	84.5	86.9	88.3	90.4	91.1	92.8	94.4	95.5	96.3	97.6	97.6	98.4	98.6	99.2
≥ 0	80.2	84.5	86.9	88.3	90.4	91.1	92.8	94.4	95.5	96.3	97.6	97.6	98.4	98.6	99.2

															100.0
															100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM PUB 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-76 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) ALL (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	49.9	51.0	51.6	51.9	52.2	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5
≥ 25000	52.6	54.0	54.6	55.0	55.2	55.3	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6
≥ 18000	53.0	54.4	55.0	55.4	55.7	55.7	55.8	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0
≥ 15000	53.1	54.5	55.2	55.6	55.8	55.8	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 4000	53.8	55.2	55.9	56.3	56.5	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9
≥ 12000	55.6	57.1	57.8	58.2	58.4	58.5	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.8
≥ 9000	58.6	60.2	61.0	61.4	61.6	61.7	61.8	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0
≥ 9000	59.3	61.0	61.8	62.2	62.5	62.5	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 8000	60.5	62.4	63.2	63.6	64.0	64.0	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.4
≥ 7000	62.3	64.3	65.1	65.6	65.9	65.9	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 6000	64.2	66.3	67.1	67.5	68.0	68.1	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 5000	66.3	68.6	69.5	70.0	70.6	70.7	71.0	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3
≥ 4500	67.1	69.5	70.4	71.0	71.6	71.7	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.3
≥ 4000	69.0	71.6	72.6	73.2	74.0	74.1	74.3	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7
≥ 3500	70.0	72.6	73.6	74.2	75.1	75.1	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.8	75.8
≥ 3000	71.6	74.4	75.6	76.2	77.2	77.3	77.6	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0
≥ 2500	73.5	76.6	77.8	78.6	79.7	79.7	80.0	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5
≥ 2000	74.9	78.1	79.5	80.2	81.4	81.5	81.8	82.1	82.2	82.3	82.3	82.3	82.3	82.4	82.4
≥ 1800	75.4	78.7	80.1	80.8	82.0	82.1	82.5	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.1
≥ 1500	76.5	80.0	81.5	82.3	83.6	83.7	84.1	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1200	77.2	80.8	82.3	83.1	84.5	84.6	85.1	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.9
≥ 1000	77.6	81.3	82.9	83.8	85.3	85.4	85.9	86.4	86.6	86.7	86.7	86.8	86.8	86.8	86.8
≥ 900	77.9	81.7	83.4	84.3	85.9	86.0	86.5	87.0	87.2	87.3	87.4	87.4	87.4	87.4	87.4
≥ 800	78.3	82.1	83.8	84.8	86.4	86.5	87.1	87.6	87.9	88.0	88.1	88.1	88.1	88.1	88.1
≥ 700	78.4	82.5	84.3	85.3	87.1	87.3	87.9	88.5	88.7	88.9	89.0	89.0	89.0	89.1	89.1
≥ 600	78.6	82.8	84.7	85.8	87.7	87.8	88.6	89.1	89.4	89.6	89.7	89.8	89.8	89.8	89.8
≥ 500	78.7	83.1	85.0	86.1	88.2	88.5	89.5	90.3	90.7	90.9	91.2	91.2	91.3	91.3	91.4
≥ 400	78.8	83.3	85.4	86.6	88.9	89.2	90.5	91.6	92.2	92.5	93.0	93.0	93.1	93.1	93.2
≥ 300	78.9	83.4	85.6	86.8	89.3	89.7	91.4	92.9	93.8	94.4	95.2	95.3	95.7	95.7	95.8
≥ 200	78.9	83.4	85.6	86.9	89.4	89.9	91.7	93.4	94.6	95.4	96.5	96.7	97.6	97.8	98.2
≥ 100	78.9	83.4	85.6	86.9	89.4	89.9	91.7	93.5	94.7	95.5	96.6	96.8	97.8	98.1	98.9
≥ 0	78.9	83.4	85.6	86.9	89.4	89.9	91.7	93.5	94.7	95.5	96.6	96.8	97.8	98.1	98.9

TOTAL NUMBER OF OBSERVATIONS 7440

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94835 STATION | K I SAWYER AFB MI STATION NAME | 9-78 YEARS | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS | 0000-0200 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	54.0	55.6	57.0	57.1	58.4	58.6	59.0	59.7	59.8	59.9	59.9	59.9	60.2	60.2	60.6	60.8
≥ 20000	57.4	59.1	60.8	61.0	62.3	62.6	63.0	63.7	63.8	63.9	63.9	63.9	64.2	64.2	64.6	64.8
≥ 18000	57.4	59.1	60.8	61.0	62.3	62.6	63.0	63.7	63.8	63.9	63.9	63.9	64.2	64.2	64.6	64.8
≥ 16000	57.4	59.1	60.8	61.0	62.3	62.6	63.0	63.7	63.8	63.9	63.9	63.9	64.2	64.2	64.6	64.8
≥ 14000	58.2	59.9	61.6	61.8	63.2	63.4	63.9	64.6	64.7	64.8	64.8	64.8	65.1	65.1	65.4	65.7
≥ 12000	59.3	61.0	62.7	62.9	64.3	64.6	65.0	65.7	65.8	65.9	65.9	65.9	66.2	66.2	66.6	66.8
≥ 10000	60.9	62.6	64.2	64.4	65.9	66.1	66.7	67.3	67.4	67.6	67.6	67.6	67.9	67.9	68.2	68.4
≥ 9000	61.3	63.0	64.8	65.0	66.4	66.7	67.2	67.9	68.0	68.1	68.1	68.1	68.4	68.4	68.8	69.0
≥ 8000	62.7	64.3	66.1	66.4	67.9	68.1	68.7	69.3	69.4	69.6	69.6	69.6	69.9	69.9	70.2	70.4
≥ 7000	65.2	67.1	69.1	69.4	70.9	71.1	71.7	72.3	72.4	72.6	72.6	72.6	72.9	72.9	73.2	73.4
≥ 6000	66.9	69.1	71.1	71.4	73.0	73.2	73.8	74.4	74.6	74.7	74.7	74.7	75.0	75.0	75.3	75.6
≥ 5000	68.8	71.3	73.3	73.9	75.7	75.9	76.4	77.1	77.2	77.3	77.3	77.3	77.7	77.7	78.0	78.2
≥ 4500	69.4	72.0	74.0	74.8	76.6	76.8	77.3	78.0	78.1	78.3	78.3	78.3	78.7	78.7	79.0	79.2
≥ 4000	70.3	73.0	75.2	76.0	78.2	78.6	79.1	80.0	80.1	80.3	80.3	80.3	80.8	80.8	81.1	81.3
≥ 3500	71.3	74.1	76.3	77.1	79.3	79.7	80.2	81.1	81.2	81.4	81.4	81.4	81.9	81.9	82.2	82.4
≥ 3000	73.0	76.3	78.6	79.4	81.9	82.2	82.8	83.7	83.8	84.0	84.0	84.0	84.4	84.4	84.8	85.0
≥ 2500	73.8	77.2	79.4	80.3	82.9	83.2	83.8	84.7	84.8	85.0	85.0	85.0	85.4	85.4	85.8	86.0
≥ 2000	74.4	77.9	80.1	81.0	83.6	83.9	84.4	85.4	85.6	85.8	85.8	85.8	86.2	86.2	86.6	86.8
≥ 1800	74.4	77.9	80.1	81.0	83.6	83.9	84.4	85.4	85.6	85.8	85.8	85.8	86.2	86.2	86.6	86.8
≥ 1500	74.9	78.4	80.7	81.6	84.2	84.6	85.1	86.2	86.3	86.6	86.6	86.6	87.0	87.0	87.3	87.6
≥ 1200	75.2	79.0	81.4	82.3	85.1	85.4	86.0	87.2	87.3	87.6	87.6	87.6	88.0	88.0	88.3	88.6
≥ 1000	75.8	79.6	82.0	83.2	86.0	86.4	87.1	88.3	88.4	88.7	88.7	88.7	89.1	89.1	89.4	89.7
≥ 900	76.3	80.2	82.7	83.9	86.7	87.1	87.8	89.0	89.1	89.3	89.4	89.4	89.9	89.9	90.2	90.4
≥ 800	77.0	81.0	83.4	84.7	87.6	88.0	88.7	89.9	90.0	90.2	90.3	90.3	90.9	90.9	91.2	91.4
≥ 700	77.3	81.6	84.0	85.2	88.3	88.8	89.4	90.7	90.8	91.0	91.1	91.1	91.7	91.7	92.0	92.2
≥ 600	77.3	81.6	84.0	85.3	88.6	89.0	89.7	90.9	91.0	91.2	91.3	91.3	91.9	91.9	92.2	92.4
≥ 500	77.6	82.0	84.4	85.8	89.3	90.1	91.0	92.2	92.7	92.9	93.0	93.0	93.6	93.6	93.9	94.2
≥ 400	77.7	82.1	84.7	86.1	89.8	90.6	92.1	93.4	93.9	94.1	94.2	94.2	94.8	94.8	95.1	95.4
≥ 300	77.7	82.3	84.9	86.3	90.1	90.9	92.8	94.4	95.1	95.3	95.4	95.4	96.0	96.0	96.3	96.7
≥ 200	77.7	82.3	84.9	86.3	90.1	90.9	93.0	94.8	95.7	96.0	96.4	96.6	97.1	97.1	97.6	98.3
≥ 100	77.7	82.3	84.9	86.3	90.1	90.9	93.0	94.8	95.7	96.0	96.4	96.6	97.2	97.9	98.9	100.0
= 0	77.7	82.3	84.9	86.3	90.1	90.9	93.0	94.8	95.7	96.0	96.4	96.6	97.2	97.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	49.3	51.1	51.8	52.2	53.4	53.6	54.1	54.7	55.2	55.6	56.0	56.0	56.2	56.3	56.8	57.0
≥ 20000	51.6	53.3	54.2	54.7	55.9	56.0	56.6	57.1	57.7	58.0	58.4	58.4	58.7	58.8	59.2	59.4
≥ 18000	51.8	53.6	54.4	54.9	56.1	56.2	56.8	57.3	57.9	58.2	58.7	58.7	58.9	59.0	59.4	59.7
≥ 16000	51.9	53.7	54.6	55.0	56.2	56.3	56.9	57.4	58.0	58.3	58.8	58.8	59.0	59.1	59.6	59.8
≥ 14000	52.4	54.2	55.1	55.6	56.8	56.9	57.4	58.0	58.6	58.9	59.3	59.3	59.6	59.7	60.1	60.3
≥ 12000	53.9	55.8	56.7	57.1	58.3	58.4	59.0	59.7	60.2	60.6	61.0	61.0	61.2	61.3	61.8	62.0
≥ 10000	55.7	57.8	58.7	59.1	60.4	60.6	61.1	61.8	62.3	62.7	63.1	63.1	63.3	63.4	63.9	64.1
≥ 9000	56.2	58.3	59.2	59.7	61.0	61.1	61.7	62.3	62.9	63.2	63.7	63.7	63.9	64.0	64.4	64.7
≥ 8000	58.4	60.7	61.6	62.0	63.3	63.6	64.1	64.8	65.3	65.7	66.1	66.1	66.3	66.4	66.9	67.1
≥ 7000	60.0	62.2	63.1	63.6	65.1	65.3	65.9	66.7	67.2	67.6	68.0	68.0	68.2	68.3	68.8	69.0
≥ 6000	62.4	64.7	65.7	66.1	67.8	68.0	68.7	69.4	70.0	70.3	70.8	70.8	71.0	71.1	71.6	71.8
≥ 5000	64.3	66.8	68.0	68.4	70.1	70.3	71.0	71.8	72.3	72.7	73.1	73.1	73.3	73.4	73.9	74.1
≥ 4500	64.9	67.6	68.8	69.2	70.9	71.1	71.8	72.6	73.1	73.4	73.9	73.9	74.1	74.2	74.7	74.9
≥ 4000	66.4	69.1	70.6	71.0	72.7	72.9	73.6	74.6	75.1	75.4	75.9	75.9	76.1	76.2	76.7	76.9
≥ 3500	67.6	70.3	71.8	72.2	73.9	74.1	74.8	75.8	76.4	76.8	77.2	77.2	77.4	77.6	78.0	78.2
≥ 3000	68.6	71.3	72.8	73.2	74.9	75.1	75.8	76.8	77.6	77.9	78.3	78.3	78.6	78.7	79.1	79.3
≥ 2500	69.6	72.3	74.0	74.4	76.1	76.3	77.0	78.0	78.8	79.1	79.6	79.6	79.8	79.9	80.3	80.6
≥ 2000	70.2	73.1	74.8	75.2	76.9	77.1	77.8	78.9	79.7	80.0	80.4	80.4	80.7	80.8	81.2	81.4
≥ 1800	70.2	73.1	74.8	75.2	76.9	77.1	77.8	78.9	79.7	80.0	80.4	80.4	80.7	80.8	81.2	81.4
≥ 1500	71.2	74.2	75.9	76.3	78.1	78.3	79.0	80.1	80.9	81.2	81.7	81.7	81.9	82.0	82.4	82.7
≥ 1200	71.6	74.7	76.3	76.8	78.6	78.8	79.4	60.6	81.3	81.7	82.1	82.1	82.3	82.4	82.9	83.1
≥ 1000	72.4	75.8	77.6	78.2	80.2	80.4	81.2	82.3	83.1	83.4	83.9	83.9	84.1	84.2	84.7	84.9
≥ 900	72.9	76.2	78.0	78.7	80.7	80.9	81.8	83.0	83.8	84.1	84.6	84.6	84.8	84.9	85.3	85.6
≥ 800	73.2	76.6	78.3	79.0	81.0	81.2	82.1	83.3	84.1	84.4	84.9	84.9	85.1	85.2	85.7	85.9
≥ 700	73.6	77.0	78.9	79.7	81.8	82.0	82.9	84.1	84.9	85.2	85.7	85.7	85.9	86.0	86.4	86.7
≥ 600	73.7	77.1	79.0	79.8	82.0	82.3	83.2	84.7	85.4	85.8	86.2	86.2	86.4	86.6	87.0	87.2
≥ 500	74.0	77.8	79.7	80.6	83.3	83.8	85.1	86.6	87.3	87.7	88.1	88.1	88.3	88.4	88.9	89.1
≥ 400	74.2	78.1	80.0	80.9	84.3	84.8	86.4	88.4	89.6	90.1	90.7	90.9	91.1	91.2	91.7	91.9
≥ 300	74.6	78.7	80.6	81.6	85.2	85.7	87.8	90.0	91.4	92.3	92.9	93.1	93.3	93.6	94.2	94.6
≥ 200	74.6	78.7	80.6	81.6	85.2	85.7	88.2	90.6	92.2	93.4	94.4	94.9	95.3	95.7	97.0	97.8
≥ 100	74.6	78.7	80.6	81.6	85.2	85.7	88.2	90.6	92.2	93.4	94.4	95.0	95.7	96.3	98.2	99.9
≥ 0	74.6	78.7	80.6	81.6	85.2	85.7	88.2	90.6	92.2	93.4	94.4	95.0	95.7	96.3	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-76 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	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	45.4	47.4	48.3	48.5	49.2	49.2	49.4	49.6	49.7	49.7	49.8	49.9	50.4	50.4	50.7	50.7
≥ 20000	48.1	50.4	51.4	51.6	52.4	52.4	52.7	53.1	53.3	53.3	53.4	53.5	53.9	53.9	54.3	54.3
≥ 18000	48.3	50.7	51.7	51.9	52.7	52.7	53.1	53.4	53.6	53.6	53.7	53.8	54.3	54.3	54.6	54.6
≥ 16000	48.3	50.7	51.7	51.9	52.7	52.7	53.1	53.4	53.6	53.6	53.7	53.8	54.3	54.3	54.6	54.6
≥ 14000	49.2	51.6	52.7	52.9	53.7	53.7	54.1	54.5	54.7	54.7	54.8	54.9	55.4	55.4	55.7	55.7
≥ 12000	51.6	54.3	55.4	55.6	56.4	56.4	56.7	57.2	57.4	57.4	57.5	57.6	58.1	58.1	58.4	58.4
≥ 10000	53.7	56.8	58.2	58.4	59.7	59.8	60.2	60.6	60.8	60.8	61.0	61.1	61.5	61.5	61.8	61.8
≥ 9000	54.3	57.5	58.8	59.1	60.5	60.6	61.0	61.4	61.6	61.6	61.7	61.8	62.3	62.3	62.6	62.6
≥ 8000	56.1	59.3	60.7	61.0	62.5	62.6	63.0	63.5	63.7	63.7	63.8	64.0	64.4	64.4	64.7	64.7
≥ 7000	57.8	61.6	63.1	63.3	64.8	65.0	65.3	65.9	66.2	66.2	66.3	66.4	66.9	66.9	67.2	67.2
≥ 6000	59.0	63.1	64.5	64.7	66.4	66.6	67.0	67.7	68.1	68.1	68.2	68.3	68.7	68.7	69.1	69.1
≥ 5000	61.6	66.5	68.0	68.3	70.0	70.2	70.5	71.3	71.6	71.6	71.7	71.9	72.3	72.3	72.6	72.6
≥ 4500	62.2	66.9	68.3	68.6	70.3	70.5	70.9	71.6	72.0	72.0	72.1	72.2	72.6	72.6	73.0	73.0
≥ 4000	63.1	67.9	69.6	70.0	71.9	72.1	72.4	73.2	73.5	73.5	73.6	73.7	74.2	74.3	74.6	74.6
≥ 3500	63.8	68.6	70.6	71.0	73.0	73.2	73.5	74.3	74.6	74.6	74.7	74.9	75.3	75.4	75.8	75.8
≥ 3000	64.4	69.3	71.5	71.9	74.1	74.3	74.6	75.5	76.0	76.1	76.3	76.4	77.0	77.1	77.4	77.4
≥ 2500	65.6	70.9	73.1	73.4	75.6	75.9	76.2	77.1	77.5	77.6	77.9	78.0	78.5	78.6	79.0	79.0
≥ 2000	67.0	72.2	74.4	74.7	77.0	77.2	77.5	78.4	78.9	79.0	79.2	79.3	79.9	80.0	80.3	80.3
≥ 1800	67.1	72.5	74.9	75.2	77.4	77.6	78.0	78.9	79.3	79.4	79.6	79.8	80.3	80.4	80.8	80.8
≥ 1500	68.2	73.6	76.0	76.3	78.5	78.8	79.1	80.0	80.4	80.5	80.8	80.9	81.4	81.5	81.9	81.9
≥ 1200	69.3	75.0	77.3	77.6	79.9	80.2	80.5	81.4	81.9	82.0	82.2	82.3	82.9	83.0	83.3	83.4
≥ 1000	70.0	76.1	78.5	78.9	81.4	81.8	82.2	83.1	83.5	83.6	83.9	84.0	84.5	84.6	85.0	85.1
≥ 900	70.4	76.5	79.1	79.4	82.0	82.3	82.8	83.6	84.1	84.2	84.4	84.5	85.1	85.2	85.5	85.7
≥ 800	71.2	77.4	80.0	80.3	83.1	83.4	83.9	84.8	85.2	85.3	85.5	85.7	86.2	86.3	86.7	86.8
≥ 700	71.7	78.0	80.5	80.9	83.8	84.1	84.5	85.4	85.9	86.0	86.2	86.3	86.9	87.0	87.3	87.4
≥ 600	72.3	78.8	81.4	81.8	84.6	85.0	85.5	86.4	86.9	87.0	87.2	87.3	87.9	88.0	88.3	88.4
≥ 500	73.0	79.6	82.5	82.9	86.3	86.9	87.7	88.7	89.1	89.2	89.4	89.5	90.1	90.2	90.5	90.7
≥ 400	73.3	80.1	83.3	83.8	87.7	88.1	89.2	90.2	90.7	90.9	91.3	91.4	92.0	92.1	92.4	92.5
≥ 300	73.3	80.3	83.6	84.2	88.3	88.8	90.1	91.4	92.1	92.8	93.8	94.0	95.0	95.6	96.2	96.6
≥ 200	73.3	80.3	83.6	84.2	88.3	88.8	90.1	91.4	92.4	93.4	94.8	95.0	96.1	96.9	97.7	98.8
≥ 100	73.3	80.3	83.6	84.2	88.3	88.8	90.1	91.4	92.5	93.5	94.9	95.1	96.3	97.1	98.4	99.9
≥ 0	73.3	80.3	83.6	84.2	88.3	88.8	90.1	91.4	92.5	93.5	94.9	95.1	96.3	97.1	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 69-73 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	0	≥¼	≥0
NO CEILING	47.5	48.6	48.8	48.9	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 20000	51.5	53.1	53.3	53.4	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 18000	51.8	53.4	53.6	53.7	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 16000	51.9	53.5	53.7	53.8	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 14000	51.9	53.6	53.8	54.2	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 12000	53.3	55.2	55.4	55.7	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 10000	56.2	58.3	58.5	59.0	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 9000	56.6	59.0	59.2	59.6	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 8000	60.8	63.3	63.6	64.2	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 7000	63.0	65.5	65.9	66.4	67.2	67.3	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 6000	63.4	66.1	66.4	67.0	67.9	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 5000	64.5	67.4	67.9	68.4	69.3	69.5	69.6	69.6	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 4500	64.7	68.2	68.6	69.2	70.1	70.3	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 4000	66.5	70.5	71.0	71.5	72.4	72.6	72.9	72.9	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 3500	67.1	71.1	71.6	72.2	73.2	73.4	73.6	73.6	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 3000	69.2	73.4	74.0	74.5	75.6	75.9	76.1	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 2500	70.9	75.5	76.1	76.8	78.1	78.3	78.5	78.6	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 2000	74.2	79.2	79.8	80.4	81.6	82.0	82.2	82.3	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1800	74.5	79.5	80.1	80.8	82.1	82.3	82.5	82.6	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1500	76.6	82.0	82.5	83.2	84.9	85.1	85.3	85.4	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1200	78.2	83.6	84.3	85.0	86.7	86.9	87.3	87.4	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1000	78.9	84.4	85.1	85.8	87.4	87.7	88.1	88.3	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 900	79.4	85.0	85.7	86.3	88.0	88.2	88.7	88.9	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 800	80.1	85.7	86.3	87.0	88.8	89.0	89.4	89.8	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 700	80.4	86.4	87.2	87.9	89.7	90.0	90.4	90.8	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 600	81.3	87.3	88.2	88.9	90.9	91.3	91.8	92.3	92.4	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 500	81.4	87.7	88.7	89.5	91.7	92.3	93.3	94.1	94.2	94.5	94.7	94.7	94.7	94.7	94.7	94.7
≥ 400	81.6	88.1	89.2	90.2	92.5	93.4	94.5	95.7	96.0	96.4	96.6	96.6	96.6	96.6	96.6	96.6
≥ 300	81.6	88.1	89.2	90.2	92.5	93.5	94.9	96.2	96.8	97.4	97.7	97.7	98.1	98.2	98.2	98.2
≥ 200	81.8	88.2	89.3	90.3	92.8	93.8	95.1	96.6	97.1	97.9	98.4	98.4	99.0	99.3	99.6	99.7
≥ 100	81.8	88.2	89.3	90.3	92.8	93.8	95.1	96.6	97.1	97.9	98.4	98.4	99.0	99.4	99.8	100.0
≥ 0	81.8	88.2	89.3	90.3	92.8	93.8	95.1	96.6	97.1	97.9	98.4	98.4	99.0	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 9-72 (YEAR) JULY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	
NO CEILING	40.8	42.1	42.6	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 20000	48.2	49.9	50.4	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 18000	49.4	51.1	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 16000	49.6	51.2	51.8	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 14000	49.8	51.6	52.1	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 12000	50.6	52.3	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 10000	54.1	56.0	56.7	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
≥ 9000	55.1	57.0	57.7	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 8000	57.7	59.8	60.4	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 7000	59.1	61.3	62.0	62.2	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 6000	59.8	62.0	62.7	62.9	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 5000	62.0	64.2	64.9	65.2	65.6	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 4500	62.8	65.2	65.9	66.2	66.6	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4000	67.7	70.6	71.4	71.9	72.4	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 3500	68.7	71.8	72.7	73.1	73.7	73.8	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3000	73.6	77.3	78.3	78.8	79.3	79.4	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 2500	75.7	80.0	81.0	81.4	82.0	82.1	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2000	78.2	82.9	84.0	84.6	85.3	85.4	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1800	78.9	83.6	84.7	85.2	86.0	86.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1500	80.6	85.8	87.2	87.9	88.8	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1200	81.4	86.9	88.3	89.0	90.2	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1000	82.2	87.8	89.3	90.0	91.4	91.6	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 900	82.4	88.1	89.8	90.4	91.9	92.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 800	82.8	88.7	90.4	91.2	92.8	92.9	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 700	82.8	88.9	90.8	91.7	93.2	93.4	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	83.0	89.1	91.0	91.9	93.7	93.9	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 500	83.3	89.7	91.7	92.8	94.6	94.9	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 400	83.4	90.1	92.2	93.3	95.2	95.6	96.7	97.0	97.2	97.4	97.4	97.4	97.6	97.6	97.6	97.6
≥ 300	83.4	90.2	92.4	93.7	96.0	96.3	98.1	98.6	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.3
≥ 200	83.4	90.2	92.4	93.7	96.0	96.4	98.2	98.7	99.0	99.4	99.6	99.6	99.7	99.7	99.8	99.8
≥ 100	83.4	90.2	92.4	93.7	96.0	96.4	98.2	98.7	99.0	99.4	99.6	99.6	99.7	99.7	99.8	99.9
≥ 0	83.4	90.2	92.4	93.7	96.0	96.4	98.2	98.7	99.0	99.4	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 79-78 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 1500-1700

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	41.6	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 20000	48.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 18000	49.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 16000	49.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 14000	49.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 12000	50.9	53.9	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 10000	53.0	56.0	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 9000	53.9	56.9	57.1	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 8000	56.2	59.6	59.8	59.8	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 7000	57.8	61.4	61.7	61.7	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 6000	59.8	63.4	63.7	63.7	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 5000	62.8	66.6	66.8	66.8	67.2	67.2	67.3	3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 4500	64.3	68.7	68.9	68.9	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 4000	70.4	75.2	75.7	75.8	76.4		77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 3500	72.2	77.0	77.4	77.6	78.2		.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 3000	75.4	80.8	81.3	81.7	82.4	82	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2500	76.9	82.3	82.9	83.2	84.1	84.	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2000	78.3	83.9	84.4	84.8	85.8	85.8	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1800	78.8	84.7	85.3	85.7	86.7	86.7	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1500	80.8	87.0	87.7	88.0	89.0	89.0	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1200	81.2	87.9	88.7	89.1	90.2	90.2	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1000	81.4	88.3	89.2	89.6	91.2	91.2	91.8	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3
≥ 900	81.6	88.4	89.4	90.0	91.4	91.4	92.1	92.2	92.4	92.6	92.6	92.6	92.6	92.6	92.6
≥ 800	82.0	89.0	90.0	90.6	92.1	92.1	92.8	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2
≥ 700	82.1	89.3	90.4	91.1	92.8	92.8	93.4	93.6	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600	82.6	89.9	91.2	92.0	93.8	93.8	94.6	94.7	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 500	82.7	90.4	91.9	92.8	94.9	94.9	95.9	96.1	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	82.7	90.4	91.9	92.8	95.0	95.1	96.2	96.9	97.4	97.9	98.0	98.0	98.0	98.0	98.0
≥ 300	82.7	90.4	91.9	92.8	95.0	95.1	96.3	97.4	98.0	98.6	98.8	98.9	98.9	99.0	99.0
≥ 200	82.7	90.4	91.9	92.8	95.0	95.1	96.4	97.6	98.1	98.7	98.9	99.0	99.0	99.6	99.7
≥ 100	82.7	90.4	91.9	92.8	95.0	95.1	96.4	97.6	98.1	98.7	98.9	99.0	99.0	99.6	99.7	100.0
≥ 0	82.7	90.4	91.9	92.8	95.0	95.1	96.4	97.6	98.1	98.7	98.9	99.0	99.0	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 79-75 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0			
NO CEILING	47.3	50.1	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 20000	53.1	56.5	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 18000	53.9	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 16000	53.9	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 14000	54.5	57.8	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 12000	56.5	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	60.4	60.4
≥ 10000	59.3	63.1	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 9000	60.4	64.3	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 8000	62.2	66.1	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 7000	63.1	67.1	67.5	67.5	67.6	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 6000	65.2	69.3	69.8	69.9	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 5000	68.0	72.2	72.8	73.0	73.3	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 4500	68.9	73.2	73.8	74.0	74.4	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4000	73.3	78.1	78.9	79.1	79.7	79.9	80.1	80.2	80.2	80.4	80.5	80.5	80.5	80.5	80.5	80.5
≥ 3500	74.4	79.5	80.5	80.7	81.6	81.8	82.0	82.3	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3000	75.8	81.0	82.1	82.5	83.6	83.8	84.0	84.3	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2500	77.7	83.1	84.3	84.7	85.8	86.0	86.3	86.5	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2000	78.9	84.7	85.8	86.3	87.4	87.6	87.8	88.2	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1800	79.0	84.8	85.9	86.4	87.5	87.7	87.9	88.3	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1500	79.7	85.9	87.2	87.6	88.7	89.0	89.2	89.5	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1200	80.5	86.7	88.1	88.5	89.8	90.1	90.3	90.6	90.6	91.0	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1000	80.9	87.4	88.7	89.2	91.1	91.3	91.5	91.9	91.9	92.2	92.4	92.4	92.4	92.4	92.4	92.4
≥ 900	81.1	87.6	89.0	89.4	91.3	91.5	91.7	92.1	92.1	92.4	92.6	92.6	92.6	92.6	92.6	92.6
≥ 800	81.5	87.9	89.3	89.7	91.6	91.9	92.1	92.7	92.7	93.2	93.4	93.4	93.4	93.4	93.4	93.4
≥ 700	81.5	88.1	89.5	90.0	91.9	92.1	92.3	93.2	93.2	93.6	93.9	93.9	93.9	93.9	93.9	93.9
≥ 600	81.8	88.6	90.2	90.6	92.5	92.7	93.0	93.9	93.9	94.3	94.5	94.5	94.5	94.5	94.5	94.5
≥ 500	81.9	89.5	91.2	91.7	94.1	94.3	94.6	95.5	95.6	96.1	96.3	96.3	96.3	96.3	96.3	96.3
≥ 400	82.1	89.8	91.5	92.1	94.4	94.6	95.0	95.9	96.1	96.5	96.8	96.8	96.8	96.8	96.8	96.8
≥ 300	82.1	89.8	91.5	92.1	94.4	94.8	95.3	96.4	97.0	97.7	98.0	98.0	98.1	98.1	98.1	98.1
≥ 200	82.1	89.8	91.5	92.1	94.4	94.8	95.4	96.5	97.2	98.1	98.8	98.9	99.0	99.2	99.2	99.2
≥ 100	82.1	89.8	91.5	92.1	94.4	94.8	95.4	96.5	97.2	98.1	98.8	98.9	99.0	99.2	99.4	100.0
≥ 0	82.1	89.8	91.5	92.1	94.4	94.8	95.4	96.5	97.2	98.1	98.8	98.9	99.0	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 896

USAF ETAC FORM AM 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 79-7F JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	51.4	52.9	54.5	54.8	55.1	55.2	55.4	55.6	55.7	55.7	55.8	55.8	55.8	56.0	56.0
≥ 20000	55.6	57.6	59.7	60.2	60.6	60.7	61.0	61.2	61.3	61.3	61.4	61.4	61.4	61.5	61.5
≥ 15000	56.2	58.2	60.3	60.7	61.2	61.3	61.5	61.7	61.8	61.8	62.0	62.0	62.0	62.1	62.1
≥ 10000	56.2	58.2	60.3	60.7	61.2	61.3	61.5	61.7	61.8	61.8	62.0	62.0	62.0	62.1	62.1
≥ 9000	57.1	59.2	61.3	61.7	62.2	62.3	62.6	62.8	63.0	63.0	63.1	63.1	63.1	63.2	63.2
≥ 8000	58.4	60.7	63.0	63.4	63.8	64.0	64.3	64.5	64.6	64.6	64.7	64.7	64.7	64.8	64.8
≥ 7000	62.0	64.3	66.5	67.1	67.5	67.6	68.2	68.4	68.5	68.5	68.6	68.6	68.6	68.7	68.7
≥ 6500	62.4	64.7	67.1	67.6	68.1	68.2	68.7	69.0	69.1	69.1	69.2	69.2	69.2	69.3	69.3
≥ 6000	64.1	66.4	68.7	69.3	70.0	70.1	70.6	70.9	71.0	71.0	71.1	71.1	71.1	71.2	71.2
≥ 5000	66.1	68.5	70.9	71.4	72.1	72.2	72.7	73.0	73.1	73.1	73.2	73.2	73.2	73.3	73.3
≥ 4500	67.5	70.1	72.5	73.1	73.9	74.2	74.7	75.0	75.1	75.1	75.2	75.2	75.2	75.3	75.3
≥ 4000	70.5	73.7	76.3	76.9	77.6	78.0	78.5	78.8	78.9	79.0	79.1	79.1	79.1	79.2	79.2
≥ 3500	71.0	74.2	76.9	77.4	78.2	78.5	79.1	79.3	79.4	79.5	79.6	79.6	79.6	79.8	79.8
≥ 3000	73.4	77.1	79.8	80.3	81.3	81.8	82.4	82.6	82.8	83.1	83.2	83.2	83.3	83.4	83.4
≥ 2500	74.0	78.0	80.6	81.3	82.4	82.9	83.5	83.8	83.9	84.2	84.3	84.3	84.4	84.5	84.6
≥ 2000	75.9	80.4	83.1	83.9	85.0	85.4	86.1	86.3	86.4	86.6	86.9	86.9	87.0	87.1	87.2
≥ 1800	77.9	82.5	85.2	86.0	87.1	87.5	88.2	88.4	88.5	88.9	89.0	89.0	89.1	89.2	89.3	89.3
≥ 1500	78.6	83.4	86.2	87.0	88.3	88.8	89.4	89.7	89.8	90.1	90.2	90.2	90.3	90.4	90.5	90.5
≥ 1200	78.6	83.4	86.2	87.0	88.3	88.8	89.4	89.7	89.8	90.1	90.2	90.2	90.3	90.4	90.5	90.5
≥ 1000	79.0	83.8	86.5	87.3	88.7	89.1	89.8	90.0	90.1	90.4	90.5	90.5	90.7	90.8	90.9	90.9
≥ 900	79.2	84.1	87.1	88.0	89.3	89.8	90.5	90.8	90.9	91.2	91.3	91.3	91.4	91.5	91.7	91.7
≥ 800	79.8	84.8	87.8	88.8	90.4	90.9	91.7	91.9	92.0	92.3	92.5	92.5	92.7	92.8	92.9	92.9
≥ 700	80.1	85.3	88.3	89.3	91.0	91.4	92.2	92.5	92.7	93.0	93.2	93.2	93.4	93.5	93.7	93.7
≥ 600	80.3	85.7	89.0	90.0	91.7	92.1	92.9	93.2	93.3	93.7	93.9	93.9	94.1	94.2	94.3	94.3
≥ 500	80.5	86.3	89.7	90.7	92.3	92.8	93.5	93.9	94.0	94.4	94.7	94.7	94.9	95.0	95.1	95.1
≥ 400	80.8	86.8	90.1	91.1	92.9	93.3	94.1	94.7	94.8	95.2	95.4	95.4	95.7	95.8	95.9	95.9
≥ 300	81.1	87.1	90.5	91.7	93.5	94.1	95.0	95.7	95.9	96.3	96.6	96.6	96.8	96.9	97.0	97.0
≥ 200	81.1	87.2	90.8	91.9	93.8	94.3	95.4	96.1	96.3	96.8	97.0	97.0	97.2	97.3	97.4	97.4
≥ 100	81.1	87.2	90.8	92.0	94.0	94.5	95.8	96.6	97.0	97.7	97.9	97.9	98.1	98.2	98.3	98.4
≥ 0	81.1	87.2	90.8	92.0	94.1	94.7	95.9	96.8	97.2	97.9	98.2	98.3	98.6	98.8	98.9	99.1
≥ 00	81.1	87.2	90.8	92.0	94.1	94.7	95.9	96.8	97.2	97.9	98.3	98.7	98.9	99.1	99.4	100.0
≥ 0	81.1	87.2	90.8	92.0	94.1	94.7	95.9	96.8	97.2	97.9	98.3	98.7	98.9	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 299

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-76 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	47.2	49.0	49.7	49.9	50.4	50.4	50.6	50.8	50.9	51.0	51.1	51.1	51.2	51.4	51.4
≥ 20000	51.7	53.9	54.7	54.9	55.5	55.5	55.7	56.0	56.1	56.1	56.2	56.2	56.4	56.4	56.6
≥ 18000	52.2	54.4	55.3	55.5	56.0	56.1	56.3	56.5	56.6	56.7	56.8	56.8	56.9	56.9	57.1
≥ 16000	52.3	54.5	55.3	55.5	56.1	56.1	56.3	56.6	56.7	56.7	56.8	56.8	57.0	57.0	57.2
≥ 14000	52.9	55.1	56.0	56.2	56.7	56.8	57.0	57.3	57.4	57.4	57.5	57.5	57.7	57.7	57.9
≥ 12000	54.3	56.6	57.5	57.8	58.3	58.4	58.6	58.8	59.0	59.0	59.1	59.1	59.3	59.3	59.5
≥ 10000	56.8	59.3	60.3	60.6	61.3	61.3	61.6	61.9	62.0	62.0	62.1	62.1	62.3	62.3	62.5
≥ 9000	57.5	60.1	61.1	61.3	62.1	62.2	62.4	62.7	62.8	62.9	63.0	63.0	63.1	63.1	63.3
≥ 8000	59.8	62.4	63.4	63.7	64.5	64.6	64.9	65.2	65.3	65.4	65.4	65.5	65.6	65.6	65.8
≥ 7000	61.5	64.4	65.4	65.7	66.6	66.7	67.0	67.2	67.4	67.5	67.5	67.6	67.7	67.7	67.9
≥ 6000	63.0	66.0	67.0	67.3	68.3	68.5	68.8	69.1	69.2	69.3	69.4	69.4	69.5	69.6	69.8
≥ 5000	65.3	68.6	69.7	70.1	71.1	71.3	71.7	72.0	72.1	72.2	72.3	72.3	72.4	72.4	72.6
≥ 4500	66.0	69.5	70.6	71.0	72.0	72.2	72.6	72.9	73.0	73.2	73.2	73.3	73.4	73.4	73.5	73.6
≥ 4000	68.9	72.7	74.0	74.4	75.6	75.9	76.3	76.7	76.8	77.0	77.1	77.1	77.3	77.3	77.4	77.5
≥ 3500	69.9	73.8	75.2	75.6	76.9	77.1	77.6	78.0	78.1	78.3	78.4	78.4	78.6	78.6	78.8	78.8
≥ 3000	72.0	76.2	77.7	78.2	79.6	79.8	80.3	80.7	80.9	81.1	81.2	81.2	81.4	81.4	81.6	81.6
≥ 2500	73.5	78.0	79.5	80.0	81.5	81.7	82.1	82.6	82.8	82.9	83.0	83.1	83.2	83.3	83.4	83.5
≥ 2000	75.0	79.7	81.2	81.7	83.2	83.5	83.9	84.4	84.6	84.8	84.9	84.9	85.1	85.1	85.3	85.3
≥ 1800	75.2	79.9	81.5	82.1	83.6	83.8	84.2	84.7	84.9	85.1	85.2	85.2	85.4	85.4	85.6	85.6
≥ 1500	76.4	81.3	83.0	83.5	85.1	85.3	85.8	86.3	86.5	86.7	86.8	86.8	87.0	87.0	87.2	87.2
≥ 1200	77.1	82.2	83.9	84.5	86.2	86.5	87.0	87.5	87.7	87.9	88.0	88.0	88.2	88.2	88.4	88.4
≥ 1000	77.7	83.0	84.8	85.5	87.4	87.7	88.2	88.7	89.0	89.2	89.3	89.3	89.5	89.5	89.7	89.8
≥ 900	78.0	83.4	85.2	85.9	87.9	88.1	88.7	89.2	89.5	89.7	89.8	89.8	90.0	90.1	90.2	90.3
≥ 800	78.5	84.0	85.8	86.6	88.6	88.8	89.4	90.0	90.3	90.5	90.6	90.7	90.9	90.9	91.0	91.1
≥ 700	78.7	84.4	86.4	87.1	89.2	89.5	90.1	90.7	91.0	91.2	91.4	91.4	91.6	91.6	91.8	91.8
≥ 600	79.1	84.9	86.9	87.7	89.9	90.2	90.8	91.5	91.8	92.0	92.2	92.2	92.4	92.4	92.6	92.7
≥ 500	79.4	85.5	87.6	88.5	91.0	91.4	92.3	93.1	93.5	93.7	93.9	93.9	94.1	94.1	94.3	94.4
≥ 400	79.5	85.8	87.9	88.9	91.6	92.1	93.2	94.2	94.6	95.0	95.2	95.3	95.5	95.5	95.7	95.8
≥ 300	79.6	85.9	88.1	89.1	92.0	92.5	93.9	95.1	95.8	96.4	96.7	96.8	97.1	97.2	97.5	97.6
≥ 200	79.6	85.9	88.1	89.1	92.0	92.5	94.0	95.4	96.1	96.9	97.4	97.6	98.0	98.3	98.7	99.0
≥ 100	79.6	85.9	88.1	89.1	92.0	92.5	94.0	95.4	96.1	96.9	97.5	97.7	98.1	98.5	99.2	100.0
≥ 0	79.6	85.9	88.1	89.1	92.0	92.5	94.0	95.4	96.1	96.9	97.5	97.7	98.1	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7193

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (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	62.4	64.6	65.9	66.6	67.4	67.6	68.0	68.2	68.2	68.2	68.2	68.2	68.4	68.4	68.4	68.6
≥ 20000	66.0	68.4	69.6	70.5	71.3	71.5	71.9	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.4
≥ 18000	66.1	68.6	69.9	70.8	71.6	71.8	72.2	72.4	72.4	72.4	72.4	72.4	72.6	72.6	72.6	72.8
≥ 16000	66.1	68.6	69.9	70.8	71.6	71.8	72.2	72.4	72.4	72.4	72.4	72.4	72.6	72.6	72.6	72.8
≥ 14000	66.4	68.9	70.3	71.3	72.0	72.2	72.7	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.2
≥ 12000	68.1	70.6	72.2	73.2	74.0	74.2	74.6	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	75.1
≥ 10000	70.4	73.0	74.8	75.8	76.5	76.7	77.3	77.5	77.5	77.5	77.6	77.6	77.7	77.7	77.7	77.9
≥ 9000	71.3	73.8	75.7	76.6	77.4	77.6	78.1	78.4	78.4	78.4	78.5	78.5	78.6	78.6	78.6	78.8
≥ 8000	72.3	75.0	76.9	77.9	78.7	78.9	79.4	79.7	79.7	79.7	79.8	79.8	79.9	79.9	79.9	80.1
≥ 7000	73.7	76.4	78.3	79.3	80.1	80.3	80.8	81.1	81.1	81.1	81.2	81.2	81.3	81.3	81.3	81.5
≥ 6000	74.7	77.6	79.5	80.6	81.4	81.6	82.1	82.3	82.3	82.3	82.5	82.5	82.6	82.6	82.6	82.8
≥ 5000	75.6	78.7	80.7	81.9	82.7	82.9	83.4	83.6	83.6	83.6	83.7	83.7	83.9	83.9	83.9	84.1
≥ 4500	76.2	79.4	81.5	83.0	83.7	84.0	84.5	84.7	84.8	84.8	84.9	84.9	85.0	85.0	85.0	85.3
≥ 4000	77.3	80.9	83.2	84.8	86.1	86.3	87.0	87.2	87.3	87.3	87.4	87.4	87.5	87.5	87.5	87.7
≥ 3500	77.6	81.3	83.5	85.1	86.4	86.7	87.3	87.5	87.6	87.6	87.7	87.7	87.8	87.8	87.8	88.1
≥ 3000	77.9	81.6	84.5	86.1	87.4	87.7	88.4	88.6	88.7	88.7	88.8	88.8	88.9	88.9	88.9	89.1
≥ 2500	78.5	82.3	85.4	87.0	88.3	88.6	89.2	89.5	89.6	89.6	89.7	89.7	89.8	89.8	89.8	90.0
≥ 2000	78.7	82.6	85.6	87.2	88.5	88.8	89.5	89.7	89.8	89.8	89.9	89.9	90.0	90.0	90.0	90.2
≥ 1800	78.9	82.9	85.9	87.5	88.9	89.1	89.8	90.0	90.1	90.1	90.2	90.2	90.3	90.3	90.3	90.5
≥ 1500	79.0	83.1	86.1	87.8	89.1	89.5	90.1	90.3	90.4	90.4	90.5	90.5	90.6	90.6	90.6	90.9
≥ 1200	79.4	83.5	86.7	88.4	89.9	90.3	91.0	91.2	91.3	91.3	91.4	91.4	91.5	91.5	91.5	91.7
≥ 1000	79.5	83.6	86.8	88.5	90.0	90.5	91.2	91.5	91.6	91.6	91.7	91.7	91.8	91.8	91.8	92.0
≥ 900	79.5	83.7	86.9	88.6	90.1	90.6	91.3	91.6	91.7	91.7	91.8	91.8	91.9	91.9	91.9	92.1
≥ 800	79.5	83.7	86.9	88.6	90.2	90.7	91.4	91.7	91.8	91.8	92.0	92.0	92.1	92.1	92.1	92.4
≥ 700	79.5	84.0	87.3	89.3	91.2	91.7	92.4	92.7	92.8	92.8	93.0	93.0	93.1	93.1	93.1	93.3
≥ 600	79.5	84.1	87.4	89.5	91.6	92.1	92.8	93.1	93.2	93.2	93.4	93.4	93.5	93.5	93.5	93.8
≥ 500	79.7	84.3	87.6	89.8	92.5	93.1	94.4	94.7	94.9	94.9	95.2	95.2	95.3	95.3	95.3	95.5
≥ 400	79.7	84.3	87.6	89.8	92.9	93.6	95.2	95.7	96.0	96.0	96.2	96.2	96.3	96.3	96.3	96.6
≥ 300	79.7	84.3	87.8	90.0	93.1	93.9	95.5	96.1	96.7	96.9	97.2	97.2	97.3	97.3	97.5	97.7
≥ 200	79.7	84.3	87.8	90.0	93.1	93.9	95.5	96.2	97.1	97.3	97.7	97.7	98.0	98.0	98.3	99.0
≥ 100	79.7	84.3	87.8	90.0	93.1	93.9	95.5	96.2	97.1	97.4	97.8	97.8	98.1	98.1	98.7	100.0
≥ 0	79.7	84.3	87.8	90.0	93.1	93.9	95.5	96.2	97.1	97.4	97.8	97.8	98.1	98.1	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (YEARS) JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	55.3	58.0	58.6	59.4	61.3	61.3	61.8	62.1	62.7	63.1	63.6	63.6	63.9	63.9	64.1	64.7
≥ 20000	59.1	62.0	62.7	63.6	65.6	65.6	66.0	66.3	67.0	67.3	67.8	67.8	68.1	68.1	68.4	68.9
≥ 18000	59.2	62.1	62.9	63.7	65.7	65.7	66.1	66.4	67.1	67.4	67.9	67.9	68.3	68.3	68.5	69.0
≥ 16000	59.3	62.2	63.0	63.8	65.8	65.8	66.2	66.5	67.2	67.5	68.0	68.0	68.4	68.4	68.6	69.1
≥ 14000	59.8	62.7	63.5	64.4	66.3	66.3	66.7	67.2	67.8	68.1	68.7	68.7	69.0	69.0	69.2	69.8
≥ 12000	60.8	63.7	64.5	65.3	67.3	67.3	67.7	68.1	68.8	69.1	69.7	69.7	70.0	70.0	70.2	70.7
≥ 10000	63.7	66.8	67.6	68.5	70.6	70.6	71.2	71.7	72.4	72.7	73.2	73.2	73.5	73.5	74.1	74.6
≥ 9000	64.6	67.8	68.6	69.4	71.7	71.7	72.2	72.8	73.4	73.8	74.3	74.3	74.6	74.6	75.2	75.7
≥ 8000	65.9	69.2	70.0	70.8	73.2	73.2	73.8	74.3	74.9	75.3	75.8	75.8	76.1	76.1	76.7	77.2
≥ 7000	67.2	70.5	71.4	72.2	74.6	74.6	75.2	75.7	76.3	76.7	77.2	77.2	77.5	77.5	78.1	78.6
≥ 6000	68.8	72.5	73.5	74.5	77.1	77.1	77.6	78.2	78.8	79.2	79.7	79.7	80.0	80.0	80.6	81.1
≥ 5000	70.3	74.1	75.2	76.1	78.8	78.9	79.5	80.0	80.7	81.0	81.6	81.6	82.0	82.0	82.5	83.0
≥ 4500	70.7	74.5	75.7	76.7	79.4	79.5	80.0	80.6	81.2	81.5	82.2	82.2	82.5	82.5	83.0	83.6
≥ 4000	72.2	76.3	77.8	78.8	82.1	82.2	82.7	83.3	83.9	84.2	84.9	84.9	85.2	85.2	85.7	86.3
≥ 3500	72.8	77.0	78.4	79.5	82.8	82.9	83.5	84.0	84.7	85.0	85.6	85.6	86.0	86.0	86.5	87.0
≥ 3000	73.2	77.4	79.0	80.1	83.5	83.6	84.1	84.7	85.3	85.6	86.3	86.3	86.6	86.6	87.1	87.7
≥ 2500	73.4	77.6	79.3	80.3	83.7	83.8	84.3	84.9	85.5	85.9	86.5	86.5	86.8	86.8	87.4	87.9
≥ 2000	74.0	78.2	79.8	80.9	84.2	84.3	84.9	85.4	86.1	86.4	87.0	87.0	87.4	87.4	87.9	88.4
≥ 1800	74.3	78.5	80.1	81.2	84.6	84.7	85.2	85.7	86.4	86.7	87.4	87.4	87.7	87.7	88.2	88.8
≥ 1500	74.7	78.9	80.6	81.6	85.1	85.2	85.7	86.3	86.9	87.3	87.9	87.9	88.2	88.3	88.9	89.4
≥ 1200	75.3	79.5	81.2	82.3	85.9	86.0	86.5	87.0	87.7	88.0	88.7	88.7	89.0	89.1	89.6	90.2
≥ 1000	75.6	79.8	81.5	82.6	86.4	86.5	87.3	87.8	88.6	88.9	89.5	89.5	89.8	90.0	90.5	91.0
≥ 900	75.7	79.9	81.7	83.0	86.6	86.7	87.5	88.0	88.8	89.1	89.7	89.7	90.1	90.2	90.7	91.3
≥ 800	75.7	79.9	81.7	83.2	86.7	86.9	87.7	88.2	89.0	89.3	90.0	90.0	90.3	90.4	90.9	91.5
≥ 700	75.7	80.1	82.3	83.7	87.6	87.8	88.6	89.1	89.8	90.2	90.8	90.8	91.1	91.3	91.8	92.3
≥ 600	75.8	80.2	82.5	84.0	88.0	88.2	89.2	89.7	90.5	90.8	91.5	91.5	91.8	91.9	92.4	93.0
≥ 500	75.8	80.2	82.7	84.2	88.8	89.1	90.5	91.1	91.9	92.3	93.0	93.0	93.3	93.4	94.0	94.5
≥ 400	75.8	80.2	82.7	84.2	88.8	89.3	90.9	91.9	93.0	93.4	94.1	94.1	94.4	94.5	95.0	95.6
≥ 300	75.8	80.2	82.8	84.3	88.9	89.4	91.3	92.2	93.5	94.2	94.9	94.9	95.2	95.5	96.1	96.8
≥ 200	75.8	80.2	82.8	84.3	89.0	89.5	91.5	92.4	94.3	94.9	95.9	95.9	96.8	97.0	97.8	99.2
≥ 100	75.8	80.2	82.8	84.3	89.0	89.5	91.5	92.4	94.4	95.1	96.2	96.2	97.1	97.3	98.3	100.0
≥ 0	75.8	80.2	82.8	84.3	89.0	89.5	91.5	92.4	94.4	95.1	96.2	96.2	97.1	97.3	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 926

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	48.6	51.0	51.8	53.1	53.9	54.1	54.8	55.1	55.6	55.7	55.8	55.9	56.5	56.6	56.7	56.8
≥ 20000	53.1	56.2	57.1	58.6	59.7	59.9	60.6	60.9	61.5	61.6	61.7	61.9	62.5	62.6	62.7	63.0
≥ 8000	53.2	56.3	57.2	58.7	59.8	60.0	60.8	61.0	61.6	61.7	61.8	62.0	62.6	62.7	62.8	63.1
≥ 7000	53.2	56.3	57.2	58.7	59.8	60.0	60.8	61.0	61.6	61.7	61.8	62.0	62.6	62.7	62.8	63.1
≥ 14000	53.8	57.0	58.0	59.5	60.8	61.0	61.7	62.0	62.7	62.8	62.9	63.1	63.7	63.8	63.9	64.2
≥ 12000	55.9	59.1	60.1	61.6	62.9	63.1	63.9	64.2	64.8	64.9	65.1	65.3	65.8	65.9	66.0	66.3
≥ 10000	58.3	62.0	63.2	65.3	66.8	67.0	67.7	68.2	68.8	69.0	69.1	69.4	69.9	70.0	70.3	70.6
≥ 9000	58.4	62.3	63.4	65.5	67.0	67.3	68.1	68.5	69.1	69.4	69.5	69.7	70.2	70.3	70.6	71.0
≥ 8000	61.9	66.3	67.5	69.7	71.5	71.8	72.7	73.1	73.8	74.0	74.1	74.3	74.8	74.9	75.4	75.8
≥ 7000	63.0	67.4	68.7	70.9	72.7	73.0	73.9	74.3	75.1	75.3	75.4	75.6	76.1	76.2	76.7	77.1
≥ 6000	64.0	68.5	69.9	72.2	74.0	74.3	75.2	75.6	76.3	76.6	76.7	76.9	77.4	77.5	78.0	78.4
≥ 5000	66.5	71.4	72.9	75.3	77.2	77.5	78.5	78.9	79.7	79.9	80.1	80.3	80.9	81.0	81.4	81.8
≥ 4500	67.1	72.0	73.5	76.0	78.0	78.3	79.2	79.7	80.4	80.6	80.9	81.1	81.6	81.7	82.2	82.6
≥ 4000	68.6	73.8	75.3	78.0	80.0	80.3	81.4	81.9	82.7	82.9	83.1	83.3	83.9	84.0	84.4	84.8
≥ 3500	69.0	74.3	75.9	78.6	80.6	81.0	82.0	82.6	83.3	83.5	83.8	84.0	84.5	84.6	85.1	85.5
≥ 3000	69.8	75.2	76.8	79.6	81.7	82.0	83.1	83.8	84.5	84.8	85.1	85.3	85.9	86.0	86.5	86.9
≥ 2500	70.1	75.8	77.4	80.2	82.5	82.9	84.1	84.7	85.5	85.8	86.0	86.2	86.9	87.0	87.4	87.8
≥ 2000	70.6	76.5	78.1	81.0	83.2	83.7	84.8	85.5	86.3	86.7	86.9	87.1	87.7	87.8	88.3	88.7
≥ 1800	70.9	76.7	78.3	81.2	83.4	83.9	85.1	85.7	86.6	86.9	87.1	87.3	88.0	88.1	88.5	88.9
≥ 1500	72.3	78.1	79.8	82.8	85.2	85.6	86.8	87.4	88.3	88.6	88.8	89.0	89.7	89.8	90.3	90.9
≥ 1200	72.9	78.7	80.4	83.4	85.9	86.5	87.5	88.2	89.0	89.4	89.5	89.9	90.5	90.6	91.2	91.7
≥ 1000	73.3	79.4	81.1	84.1	86.6	87.0	88.4	89.0	89.9	90.2	90.4	90.8	91.4	91.5	92.0	92.6
≥ 900	73.3	79.4	81.1	84.1	86.6	87.0	88.4	89.0	89.9	90.2	90.4	90.8	91.4	91.5	92.0	92.6
≥ 800	73.4	79.5	81.2	84.3	86.8	87.2	88.6	89.2	90.1	90.4	90.6	91.0	91.6	91.7	92.3	92.8
≥ 700	73.4	79.6	81.3	84.4	86.9	87.3	88.7	89.4	90.2	90.5	90.8	91.1	91.7	91.8	92.4	92.9
≥ 600	73.4	79.7	81.4	84.6	87.2	87.7	89.1	90.0	90.9	91.2	91.4	91.7	92.4	92.5	93.0	93.5
≥ 500	74.2	80.6	82.4	85.7	88.3	88.8	90.2	91.1	92.0	92.4	92.6	92.9	93.5	93.7	94.2	94.7
≥ 400	74.2	80.6	82.5	85.9	88.5	89.4	90.8	91.7	92.8	93.1	93.7	94.0	94.8	94.9	95.5	96.0
≥ 300	74.3	80.8	82.9	86.3	88.9	89.8	91.3	92.4	93.7	94.3	94.9	95.3	96.1	96.2	96.8	97.3
≥ 200	74.3	80.8	82.9	86.3	88.9	89.8	91.4	92.6	93.9	94.5	95.3	95.6	97.2	97.6	98.4	99.2
≥ 100	74.3	80.8	82.9	86.3	88.9	89.8	91.4	92.6	93.9	94.5	95.3	95.6	97.2	97.7	98.5	100.0
≥ 0	74.3	80.8	82.9	86.3	88.9	89.8	91.4	92.6	93.9	94.5	95.3	95.6	97.2	97.7	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM FEB 64 0-1465 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 59-76 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥9	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	53.3	56.6	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 20000	58.1	61.6	62.0	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 18000	58.5	62.0	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 16000	58.6	62.2	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 14000	59.2	62.9	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 12000	61.3	65.1	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 10000	66.2	70.5	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 9000	66.3	70.8	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 8000	68.5	73.0	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 7000	69.6	74.2	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 6000	70.4	75.1	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 5000	72.0	76.9	77.6	77.7	78.0	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 4500	72.2	77.0	77.7	77.8	78.1	78.1	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4000	73.3	78.8	79.8	80.0	80.2	80.2	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3500	74.3	79.8	80.8	81.0	81.2	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3000	76.2	82.0	83.0	83.2	83.4	83.4	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2500	78.0	83.5	84.5	84.7	84.9	84.9	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2000	79.9	85.4	86.6	86.9	87.2	87.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1800	80.2	86.2	87.4	87.7	88.1	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1500	82.0	88.3	89.6	89.9	90.3	90.3	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1200	82.6	88.9	90.2	90.5	91.0	91.1	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1000	83.3	89.8	91.2	91.8	92.3	92.4	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 900	84.1	90.6	92.0	92.8	93.4	93.5	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	84.7	91.5	92.9	93.7	94.5	94.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	84.8	91.6	93.1	94.0	94.9	95.2	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 600	85.1	91.8	93.4	94.3	95.3	95.5	96.6	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2
≥ 500	85.7	92.5	94.2	95.1	96.0	96.3	97.4	98.0	98.2	98.2	98.2	98.2	98.3	98.3	98.3
≥ 400	85.7	92.5	94.3	95.2	96.1	96.6	97.7	98.3	98.5	98.5	98.5	98.5	98.6	98.6	98.6
≥ 300	85.7	92.6	94.5	95.4	96.5	96.9	98.2	98.7	98.9	99.2	99.2	99.2	99.4	99.4	99.4
≥ 200	85.7	92.6	94.5	95.4	96.5	96.9	98.2	98.7	99.0	99.5	99.5	99.5	99.7	99.7	99.9
≥ 100	85.7	92.6	94.5	95.4	96.5	96.9	98.2	98.7	99.0	99.5	99.5	99.5	99.7	99.7	99.9
≥ 0	85.7	92.6	94.5	95.4	96.5	96.9	98.2	98.7	99.0	99.5	99.5	99.5	99.7	99.7	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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 69-78 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	48.8	50.1	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	50.4
≥ 20000	55.0	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 18000	55.8	57.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 16000	55.9	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 14000	57.0	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 12000	58.9	60.8	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	61.2
≥ 10000	62.7	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 9000	63.1	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 8000	65.8	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 7000	66.9	68.9	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 6000	67.7	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 5000	68.9	71.7	72.2	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 4500	69.9	72.9	73.4	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 4000	73.6	76.8	77.5	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 3500	75.2	78.6	79.5	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3000	79.0	82.7	83.8	83.9	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2500	81.2	85.5	86.7	86.8	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2000	83.6	87.9	89.3	89.5	90.0	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1800	84.4	88.9	90.3	90.5	90.9	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1500	85.8	91.2	92.7	92.9	93.4	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200	86.3	91.9	93.4	93.9	94.4	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1000	86.9	93.0	94.6	95.0	95.6	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900	87.3	93.9	95.5	95.9	96.4	96.8	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	87.5	94.1	95.7	96.2	96.8	97.1	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	87.5	94.1	95.7	96.2	96.9	97.2	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	87.6	94.2	95.8	96.3	97.0	97.4	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	87.8	94.4	96.1	96.8	97.5	98.0	98.2	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	87.8	94.4	96.1	96.9	97.7	98.2	98.4	98.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	87.8	94.5	96.3	97.1	98.1	98.5	98.7	98.9	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	87.8	94.5	96.3	97.1	98.2	98.6	98.8	99.0	99.2	99.5	99.8	99.8	99.8	99.8	99.9	99.9
≥ 100	87.8	94.5	96.3	97.1	98.2	98.6	98.8	99.0	99.2	99.5	99.8	99.8	99.8	99.8	99.9	100.0
≥ 0	87.8	94.5	96.3	97.1	98.2	98.6	98.8	99.0	99.2	99.5	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 927

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	46.5	47.6	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 20000	55.8	57.2	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
≥ 18000	56.2	57.6	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 16000	56.4	57.8	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 14000	57.8	59.3	60.2	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
≥ 12000	59.1	60.6	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 10000	62.4	64.3	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 9000	62.9	64.7	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 8000	64.7	66.8	67.7	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 7000	66.2	68.5	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 6000	68.2	70.5	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 5000	71.0	73.6	74.6	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4500	72.6	75.1	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 4000	79.2	82.7	83.9	84.0	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3500	81.3	85.0	86.3	86.4	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3000	84.2	88.4	89.8	89.9	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2500	85.8	90.0	91.4	91.5	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000	87.3	91.6	93.0	93.2	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	87.4	91.7	93.1	93.3	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	88.1	92.9	94.5	94.7	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	88.1	93.2	94.9	95.5	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	88.3	93.4	95.2	95.7	96.3	96.3	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	88.4	93.5	95.3	95.8	96.4	96.4	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	88.5	93.6	95.4	96.0	96.8	96.8	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	88.5	93.6	95.4	96.0	96.8	96.8	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	88.5	93.6	95.4	96.0	96.9	96.9	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	88.6	93.9	95.6	96.2	97.5	97.6	97.8	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	88.7	94.1	95.8	96.4	97.7	97.8	98.4	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	88.9	94.4	96.1	96.8	98.2	98.4	98.9	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	88.9	94.4	96.1	96.8	98.2	98.5	99.0	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	88.9	94.4	96.1	96.8	98.2	98.5	99.0	99.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 0	88.9	94.4	96.1	96.8	98.2	98.5	99.0	99.4	99.6	99.6	99.8	99.8	99.9	99.9	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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94834 K I SAWYER AFB MI 69-78 JUL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-2000
HOUR

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	57.3	58.6	59.3	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
≥ 20000	63.0	64.7	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 18000	63.7	65.4	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 16000	64.3	66.1	66.8	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
≥ 14000	65.6	67.4	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 12000	68.2	70.2	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 10000	70.3	73.4	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 9000	71.5	74.1	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 8000	72.7	75.2	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 7000	74.3	77.3	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 6000	76.1	79.1	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 5000	78.3	81.4	82.3	82.6	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4500	79.4	82.7	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 4000	83.2	86.7	87.6	87.8	87.9	87.9	88.1	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3500	83.9	87.4	88.5	88.7	88.8	88.8	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 3000	85.0	89.3	90.5	90.9	91.2	91.2	91.3	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2500	85.9	90.4	91.6	91.9	92.2	92.2	92.4	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	86.8	91.7	93.0	93.5	93.9	93.9	94.0	94.2	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5
≥ 1800	86.9	91.8	93.1	93.6	94.0	94.0	94.1	94.3	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6
≥ 1500	87.6	92.6	94.0	94.5	94.6	94.8	94.9	95.2	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5
≥ 1200	87.9	93.0	94.4	94.9	95.4	95.4	95.5	95.7	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 1000	88.1	93.3	94.8	95.4	95.8	95.8	95.9	96.1	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4
≥ 900	88.3	93.6	95.2	95.7	96.1	96.1	96.2	96.4	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8
≥ 800	88.5	93.9	95.4	95.9	96.6	96.6	96.7	96.9	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 700	88.5	93.9	95.4	95.9	96.6	96.6	96.7	96.9	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 600	88.7	94.2	95.7	96.2	96.9	96.9	97.1	97.3	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 500	88.8	94.3	95.8	96.6	97.3	97.3	97.6	97.8	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 400	88.8	94.4	95.9	96.8	97.5	97.5	98.0	98.2	98.5	98.7	98.8	98.8	98.9	98.9	98.9	98.9
≥ 300	88.8	94.4	95.9	96.8	97.6	97.6	98.3	98.5	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2
≥ 200	88.8	94.4	95.9	96.8	97.6	97.7	98.4	98.6	99.0	99.2	99.5	99.5	99.7	99.7	99.8	99.8
≥ 100	88.8	94.4	95.9	96.8	97.6	97.7	98.4	98.6	99.0	99.2	99.5	99.5	99.8	99.8	99.91	100.0
0	88.8	94.4	95.9	96.8	97.6	97.7	98.4	98.6	99.0	99.2	99.5	99.5	99.8	99.8	99.91	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 69-72 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥¼	≥0
NO CEILING	61.5	63.4	64.1	65.0	65.7	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2
≥ 20000	65.8	68.1	69.0	70.1	70.8	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3
≥ 18000	66.5	68.7	69.7	70.8	71.4	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	72.0
≥ 16000	66.8	69.0	70.0	71.1	71.7	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3
≥ 14000	67.3	69.6	70.6	71.7	72.4	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0
≥ 12000	68.5	70.8	71.7	73.0	73.7	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4
≥ 10000	72.7	75.8	76.9	78.3	79.0	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7
≥ 9000	73.4	76.5	77.6	79.0	79.6	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4
≥ 8000	73.9	77.0	78.1	79.5	80.2	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9
≥ 7000	75.4	78.6	80.0	81.4	82.1	82.3	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	83.0
≥ 6000	76.8	80.0	81.4	83.0	83.6	83.8	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.7
≥ 5000	78.0	81.4	83.0	84.6	85.4	85.7	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.5
≥ 4500	78.1	81.6	83.1	84.7	85.5	85.8	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.6
≥ 4000	80.2	84.0	85.8	87.5	88.5	88.8	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.8
≥ 3500	80.2	84.4	86.1	87.8	88.8	89.1	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.1
≥ 3000	80.8	85.1	87.2	89.0	90.3	90.8	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.8
≥ 2500	81.4	85.8	87.8	89.6	90.9	91.5	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.4
≥ 2000	82.0	86.4	88.5	90.3	91.6	92.1	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.1
≥ 1800	82.0	86.4	88.5	90.3	91.6	92.1	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.1
≥ 1500	82.3	86.7	88.8	90.6	91.9	92.4	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5
≥ 1200	82.4	86.9	89.0	90.9	92.2	92.8	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.9
≥ 1000	82.5	87.2	89.3	91.4	92.7	93.2	94.0	94.1	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.6
≥ 900	82.7	87.4	89.5	91.6	92.9	93.4	94.2	94.3	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.8
≥ 800	82.8	87.6	89.8	91.8	93.1	93.6	94.4	94.6	94.7	95.0	95.1	95.1	95.1	95.1	95.1	95.3
≥ 700	83.2	87.9	90.1	92.3	93.7	94.3	95.0	95.3	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.9
≥ 600	83.2	87.9	90.2	92.4	94.3	94.8	95.7	95.9	96.0	96.3	96.4	96.4	96.4	96.4	96.4	96.5
≥ 500	83.2	88.0	90.4	92.8	94.9	95.5	96.4	96.7	96.9	97.2	97.3	97.3	97.4	97.4	97.4	97.5
≥ 400	83.2	88.0	90.4	92.9	95.4	95.9	97.0	97.2	97.4	97.7	97.8	97.8	98.0	98.0	98.0	98.1
≥ 300	83.2	88.0	90.4	92.9	95.4	95.9	97.0	97.2	97.5	98.1	98.5	98.5	98.6	98.6	98.7	98.8
≥ 200	83.2	88.0	90.4	92.9	95.4	95.9	97.0	97.2	97.6	98.2	98.7	98.7	98.8	98.9	99.1	99.4
≥ 100	83.2	88.0	90.4	92.9	95.4	95.9	97.0	97.3	97.7	98.3	98.8	98.8	98.9	99.0	99.2	100.0
0	83.2	88.0	90.4	92.9	95.4	95.9	97.0	97.3	97.7	98.3	98.8	98.8	98.9	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 927

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 67-76 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	54.2	56.2	56.9	57.5	58.0	58.1	58.3	58.4	58.5	58.6	58.7	58.7	58.8	58.8	58.9	59.0
≥ 20000	59.5	61.9	62.6	63.2	63.8	63.9	64.1	64.2	64.4	64.4	64.5	64.5	64.7	64.7	64.7	64.9
≥ 18000	59.9	62.3	63.1	63.7	64.3	64.3	64.6	64.7	64.8	64.9	65.0	65.0	65.1	65.1	65.2	65.3
≥ 16000	60.1	62.5	63.3	63.9	64.4	64.5	64.8	64.8	65.0	65.1	65.1	65.2	65.3	65.3	65.3	65.5
≥ 14000	60.9	63.3	64.1	64.8	65.4	65.4	65.7	65.8	66.0	66.0	66.1	66.1	66.2	66.3	66.3	66.4
≥ 12000	62.6	65.1	65.9	66.6	67.2	67.3	67.5	67.6	67.8	67.9	67.9	68.0	68.1	68.1	68.1	68.3
≥ 10000	65.9	68.8	69.7	70.4	71.1	71.2	71.5	71.6	71.8	71.8	71.9	72.0	72.1	72.1	72.2	72.4
≥ 9000	66.4	69.4	70.3	71.0	71.7	71.8	72.0	72.2	72.3	72.4	72.5	72.5	72.7	72.7	72.8	72.9
≥ 8000	68.2	71.3	72.2	73.0	73.7	73.8	74.1	74.3	74.4	74.5	74.6	74.6	74.7	74.8	74.9	75.0
≥ 7000	69.5	72.7	73.7	74.5	75.2	75.3	75.6	75.8	75.9	76.0	76.1	76.1	76.2	76.3	76.4	76.6
≥ 6000	70.8	74.1	75.2	76.0	76.7	76.8	77.1	77.3	77.5	77.6	77.7	77.7	77.8	77.8	77.9	78.1
≥ 5000	72.6	76.2	77.3	78.1	79.0	79.1	79.5	79.6	79.8	79.9	80.0	80.1	80.2	80.2	80.3	80.5
≥ 4500	73.3	76.9	78.1	79.0	79.8	79.9	80.3	80.5	80.7	80.8	80.9	80.9	81.0	81.1	81.2	81.3
≥ 4000	76.0	80.0	81.3	82.3	83.3	83.5	83.9	84.1	84.3	84.4	84.5	84.5	84.7	84.7	84.8	85.0
≥ 3500	76.8	81.0	82.4	83.3	84.4	84.5	85.0	85.1	85.4	85.4	85.6	85.6	85.7	85.7	85.8	86.0
≥ 3000	78.3	82.7	84.3	85.3	86.5	86.7	87.2	87.4	87.6	87.7	87.8	87.8	87.9	88.0	88.1	88.3
≥ 2500	79.3	83.9	85.5	86.5	87.7	87.9	88.4	88.6	88.8	88.9	89.1	89.1	89.2	89.2	89.4	89.5
≥ 2000	80.3	85.0	86.7	87.8	89.1	89.3	89.8	90.0	90.2	90.3	90.4	90.5	90.6	90.6	90.7	90.9
≥ 1800	80.6	85.4	87.1	88.2	89.4	89.6	90.1	90.4	90.6	90.7	90.8	90.8	91.0	91.0	91.1	91.3
≥ 1500	81.5	86.5	88.2	89.4	90.7	90.9	91.4	91.7	91.9	92.0	92.1	92.1	92.3	92.3	92.4	92.6
≥ 1200	81.9	87.0	88.8	90.0	91.3	91.6	92.1	92.4	92.6	92.7	92.8	92.9	93.0	93.1	93.2	93.4
≥ 1000	82.2	87.4	89.3	90.6	91.9	92.2	92.8	93.1	93.4	93.5	93.6	93.7	93.8	93.8	94.0	94.1
≥ 900	82.4	87.8	89.6	90.9	92.3	92.6	93.2	93.5	93.8	93.9	94.0	94.1	94.2	94.2	94.4	94.5
≥ 800	82.6	88.0	89.9	91.2	92.7	92.9	93.6	93.9	94.2	94.3	94.5	94.5	94.7	94.7	94.8	95.0
≥ 700	82.6	88.1	90.1	91.5	93.1	93.3	94.0	94.3	94.6	94.7	94.9	94.9	95.1	95.1	95.2	95.4
≥ 600	82.7	88.2	90.2	91.7	93.4	93.7	94.4	94.7	95.0	95.2	95.3	95.4	95.5	95.6	95.7	95.9
≥ 500	83.0	88.5	90.6	92.1	94.1	94.5	95.3	95.7	96.0	96.2	96.4	96.4	96.6	96.6	96.8	96.9
≥ 400	83.0	88.6	90.7	92.3	94.3	94.8	95.8	96.3	96.7	96.9	97.1	97.2	97.4	97.4	97.5	97.7
≥ 300	83.0	88.6	90.9	92.4	94.6	95.0	96.1	96.7	97.2	97.5	97.9	97.9	98.1	98.2	98.4	98.5
≥ 200	83.0	88.6	90.9	92.4	94.6	95.1	96.2	96.8	97.5	97.8	98.3	98.3	98.7	98.8	99.1	99.5
≥ 100	83.0	88.6	90.9	92.4	94.6	95.1	96.2	96.8	97.5	97.9	98.3	98.4	98.8	98.9	99.3	100.0
≥ 0	83.0	88.6	90.9	92.4	94.6	95.1	96.2	96.8	97.5	97.9	98.3	98.4	98.8	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7427

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-76 YEARS | AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	<¼
NO CEILING	58.2	61.0	63.4	64.0	65.5	66.4	66.6	67.0	67.0	67.1	67.1	67.2	67.5	67.8	67.9	68.3
≥ 20000	59.9	63.0	65.6	66.3	67.8	68.6	69.2	69.6	69.6	69.7	69.7	69.8	70.0	70.4	70.5	70.9
≥ 18000	60.0	63.1	65.7	66.4	67.9	68.8	69.3	69.7	69.7	69.8	69.8	69.9	70.2	70.5	70.6	71.0
≥ 16000	60.0	63.1	65.7	66.4	67.9	68.8	69.3	69.7	69.7	69.8	69.8	69.9	70.2	70.5	70.6	71.0
≥ 14000	60.3	63.5	66.3	67.0	68.5	69.4	69.9	70.4	70.4	70.5	70.5	70.6	70.8	71.1	71.2	71.7
≥ 12000	61.6	64.9	67.7	68.4	69.9	70.8	71.3	71.8	71.8	71.9	71.9	72.0	72.2	72.5	72.6	73.1
≥ 10000	63.4	66.7	69.5	70.3	71.8	72.7	73.3	73.7	73.7	73.8	73.8	73.9	74.1	74.5	74.6	75.0
≥ 9000	63.7	67.0	69.8	70.6	72.1	73.1	73.6	74.0	74.0	74.1	74.1	74.2	74.5	74.8	74.9	75.3
≥ 8000	64.5	68.0	70.9	71.7	73.2	74.1	74.7	75.1	75.1	75.2	75.2	75.3	75.5	75.9	76.0	76.4
≥ 7000	65.5	69.2	72.1	73.2	74.7	75.6	76.2	76.6	76.6	76.7	76.7	76.8	77.0	77.4	77.5	77.9
≥ 6000	66.9	70.6	73.5	74.6	76.1	77.0	77.6	78.0	78.0	78.1	78.1	78.2	78.4	78.8	78.9	79.3
≥ 5000	68.6	72.6	75.6	76.7	78.2	79.3	79.8	80.3	80.3	80.4	80.4	80.5	80.7	81.0	81.1	81.6
≥ 4500	69.0	73.0	76.0	77.0	78.6	79.6	80.2	80.6	80.6	80.7	80.7	80.8	81.0	81.4	81.5	81.9
≥ 4000	69.8	73.9	77.0	78.4	80.0	81.0	81.7	82.1	82.1	82.2	82.2	82.3	82.5	82.9	83.0	83.4
≥ 3500	70.5	74.6	77.8	79.3	80.8	81.9	82.5	83.0	83.0	83.1	83.1	83.2	83.4	83.7	83.8	84.3
≥ 3000	71.6	76.1	79.4	81.0	82.5	83.9	84.6	85.0	85.0	85.1	85.1	85.2	85.5	85.8	85.9	86.3
≥ 2500	72.0	76.5	79.8	81.6	83.1	84.5	85.1	85.6	85.6	85.7	85.7	85.8	86.0	86.3	86.4	86.9
≥ 2000	72.5	77.0	80.5	82.3	83.8	85.2	85.9	86.3	86.3	86.4	86.4	86.5	86.7	87.1	87.2	87.6
≥ 1800	72.6	77.3	80.7	82.5	84.1	85.5	86.1	86.5	86.5	86.6	86.6	86.7	87.0	87.3	87.4	87.8
≥ 1500	73.2	77.9	81.4	83.3	84.8	86.2	86.9	87.3	87.3	87.4	87.4	87.5	87.7	88.0	88.1	88.6
≥ 1200	73.9	78.8	82.2	84.2	85.7	87.2	87.8	88.3	88.3	88.4	88.4	88.5	88.7	89.0	89.1	89.5
≥ 1000	74.1	79.3	82.8	84.7	86.2	87.7	88.6	89.0	89.0	89.1	89.1	89.2	89.4	89.8	89.9	90.3
≥ 900	74.2	79.4	82.9	84.8	86.3	87.8	88.7	89.1	89.1	89.2	89.2	89.3	89.5	89.9	90.0	90.4
≥ 800	74.2	79.4	82.9	84.8	86.3	87.8	88.7	89.1	89.1	89.2	89.2	89.3	89.5	89.9	90.0	90.4
≥ 700	74.6	79.7	83.2	85.1	86.9	88.4	89.2	89.8	89.8	89.9	89.9	90.0	90.2	90.5	90.6	91.1
≥ 600	74.6	80.1	83.6	85.7	87.4	88.9	90.1	90.6	90.6	90.7	90.7	90.8	91.1	91.4	91.5	91.9
≥ 500	74.8	80.3	83.9	86.2	88.5	90.0	91.4	91.9	91.9	92.0	92.0	92.1	92.3	92.7	92.8	93.2
≥ 400	74.8	80.3	83.9	86.2	88.5	90.1	91.6	92.1	92.1	92.2	92.5	92.6	92.8	93.1	93.2	93.8
≥ 300	74.8	80.3	83.9	86.2	88.9	90.8	92.3	93.4	93.6	93.8	94.3	94.4	94.8	95.2	95.3	95.9
≥ 200	74.8	80.3	83.9	86.2	88.9	90.8	92.5	94.0	94.3	94.4	95.0	95.2	95.8	96.2	96.3	97.0
≥ 100	74.8	80.3	83.9	86.2	89.0	91.1	92.7	94.3	94.6	94.7	95.4	95.5	96.3	97.0	97.3	100.0
≥ 0	74.8	80.3	83.9	86.2	89.0	91.1	92.7	94.3	94.6	94.7	95.4	95.5	96.3	97.0	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 928

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 69-76 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥½	≥¼	<¼
NO CEILING	55.4	58.9	61.1	62.0	63.8	64.5	64.8	65.2	65.3	65.4	65.4	65.6	66.0	66.0	66.2	66.4
≥ 20000	56.3	60.0	62.4	63.5	65.4	66.1	66.5	67.0	67.1	67.4	67.4	67.5	67.9	67.9	68.1	68.4
≥ 18000	56.3	60.2	62.5	63.6	65.7	66.3	66.7	67.2	67.3	67.6	67.6	67.7	68.1	68.1	68.4	68.6
≥ 16000	56.3	60.2	62.5	63.7	65.8	66.4	66.8	67.3	67.4	67.7	67.7	67.8	68.3	68.3	68.5	68.7
≥ 14000	56.4	60.4	62.9	64.0	66.2	66.8	67.3	67.7	67.8	68.1	68.1	68.3	68.7	68.7	68.9	69.1
≥ 12000	57.0	61.1	63.7	64.9	67.1	67.7	68.3	68.7	68.8	69.1	69.1	69.2	69.7	69.7	69.9	70.1
≥ 10000	58.7	62.9	65.4	66.6	68.8	69.4	70.0	70.4	70.5	70.8	70.8	71.0	71.4	71.4	71.6	71.8
≥ 9000	58.7	62.9	65.4	66.6	68.8	69.4	70.0	70.4	70.5	70.8	70.8	71.0	71.4	71.4	71.6	71.8
≥ 8000	59.2	63.4	66.2	67.4	69.5	70.2	70.7	71.2	71.3	71.7	71.7	71.8	72.2	72.2	72.5	72.7
≥ 7000	60.5	64.9	67.7	68.9	71.1	71.7	72.2	72.7	72.8	73.2	73.2	73.3	73.8	73.8	74.0	74.2
≥ 6000	61.6	66.1	68.9	70.1	72.2	72.9	73.4	73.9	74.0	74.4	74.4	74.5	74.9	74.9	75.2	75.4
≥ 5000	62.7	67.5	70.6	71.8	74.0	74.6	75.2	75.6	75.7	76.1	76.1	76.2	76.7	76.7	76.9	77.1
≥ 4500	63.4	68.1	71.3	72.5	74.6	75.3	75.8	76.2	76.3	76.8	76.8	76.9	77.3	77.3	77.5	77.8
≥ 4000	64.9	70.3	73.7	74.8	77.4	78.1	78.6	79.2	79.3	79.7	79.7	79.8	80.2	80.2	80.5	80.7
≥ 3500	65.2	71.0	74.5	75.7	78.3	79.0	79.7	80.2	80.3	80.8	80.8	80.9	81.3	81.3	81.5	81.7
≥ 3000	65.7	71.6	75.3	76.6	79.3	80.1	80.9	81.4	81.5	82.2	82.2	82.3	82.7	82.7	82.9	83.2
≥ 2500	66.1	72.0	75.7	77.1	79.8	80.7	81.4	82.0	82.1	82.7	82.7	82.8	83.3	83.3	83.5	83.7
≥ 2000	66.3	72.5	76.1	77.6	80.3	81.2	82.0	82.5	82.6	83.3	83.3	83.4	83.8	83.8	84.0	84.2
≥ 1800	66.7	72.9	76.6	78.1	80.8	81.6	82.4	82.9	83.0	83.7	83.7	83.8	84.2	84.2	84.4	84.7
≥ 1500	67.1	73.5	77.3	78.8	81.5	82.4	83.2	83.7	83.8	84.4	84.4	84.6	85.0	85.0	85.2	85.4
≥ 1200	67.6	74.2	78.0	79.5	82.3	83.2	83.9	84.4	84.6	85.2	85.2	85.3	85.7	85.7	86.0	86.2
≥ 1000	68.0	74.9	79.0	80.6	83.7	84.7	85.5	86.1	86.2	86.8	86.8	86.9	87.4	87.4	87.6	87.8
≥ 900	68.1	75.1	79.3	80.8	83.9	84.9	85.9	86.4	86.5	87.1	87.1	87.3	87.7	87.7	87.9	88.1
≥ 800	68.1	75.1	79.3	80.8	83.9	84.9	85.9	86.6	86.7	87.4	87.4	87.5	87.9	87.9	88.1	88.3
≥ 700	68.5	75.5	79.7	81.2	84.6	85.5	86.5	87.4	87.5	88.1	88.1	88.2	88.7	88.7	88.9	89.1
≥ 600	68.5	75.7	79.9	81.4	84.9	85.9	86.9	87.8	87.9	88.6	88.6	88.7	89.1	89.1	89.3	89.5
≥ 500	68.6	75.9	80.3	82.1	85.9	86.9	88.1	89.0	89.1	89.8	89.8	90.0	90.4	90.4	90.6	90.8
≥ 400	68.6	76.0	80.5	82.3	86.1	87.3	89.2	90.2	90.3	91.0	91.1	91.3	91.7	91.7	91.9	92.1
≥ 300	68.6	76.0	80.5	82.3	86.4	87.6	89.7	90.7	91.0	91.9	92.3	92.4	93.2	93.2	93.4	94.2
≥ 200	68.6	76.0	80.5	82.5	86.6	87.9	90.4	91.6	92.0	92.9	93.3	93.4	94.7	94.8	95.1	96.2
≥ 100	68.6	76.0	80.5	82.5	86.6	87.9	90.6	91.8	92.2	93.2	93.7	94.0	95.5	95.8	96.3	99.7
≥ 0	68.6	76.0	80.5	82.5	86.6	87.9	90.6	91.8	92.2	93.2	93.7	94.0	95.5	95.8	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 926

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 69-76 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥¾	≥½	≥¼	≥0	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	48.8	51.9	53.1	54.1	55.3	55.6	56.0	56.7	57.3	57.4	57.9	57.9	58.5	58.5	58.8	59.5
≥ 20000	51.5	54.8	56.0	57.2	58.5	58.8	59.5	60.1	60.8	60.9	61.3	61.3	62.0	62.0	62.3	62.9
≥ 18000	51.5	54.8	56.0	57.2	58.6	58.9	59.7	60.3	61.0	61.1	61.5	61.5	62.2	62.2	62.5	63.1
≥ 16000	51.9	55.3	56.5	57.7	59.1	59.4	60.1	60.8	61.4	61.5	62.0	62.0	62.7	62.7	63.0	63.7
≥ 14000	52.5	56.0	57.2	58.4	59.8	60.1	60.9	61.5	62.2	62.3	62.7	62.7	63.5	63.5	63.8	64.4
≥ 12000	53.4	57.2	58.4	59.6	61.1	61.4	62.4	63.0	63.7	63.8	64.3	64.3	65.1	65.1	65.4	66.1
≥ 10000	55.8	59.6	60.8	62.1	63.6	64.2	65.2	65.8	66.5	66.6	67.1	67.1	67.9	67.9	68.2	68.9
≥ 9000	55.9	59.9	61.1	62.4	64.1	64.5	65.5	66.2	66.8	66.9	67.5	67.5	68.2	68.2	68.5	69.2
≥ 8000	57.3	61.3	62.5	63.8	65.5	65.9	66.9	67.7	68.8	68.9	69.4	69.4	70.2	70.2	70.5	71.1
≥ 7000	58.3	62.3	63.5	64.9	66.7	67.1	68.1	68.9	69.9	70.0	70.6	70.6	71.3	71.3	71.7	72.3
≥ 6000	59.4	63.4	64.5	65.9	67.8	68.2	69.2	69.9	71.0	71.1	71.7	71.7	72.4	72.4	72.7	73.4
≥ 5000	60.7	64.7	65.8	67.2	69.1	69.5	70.7	71.6	72.6	72.7	73.3	73.3	74.0	74.0	74.4	75.0
≥ 4500	60.9	65.0	66.3	67.7	69.5	69.9	71.1	72.0	73.1	73.3	73.8	73.8	74.7	74.7	75.0	75.6
≥ 4000	62.3	66.9	68.8	70.5	72.4	72.8	74.1	75.0	76.1	76.4	76.9	76.9	77.8	77.8	78.1	78.8
≥ 3500	62.8	67.6	69.5	71.2	73.5	73.9	75.2	76.1	77.2	77.5	78.0	78.0	78.9	78.9	79.2	79.8
≥ 3000	63.3	68.2	70.3	72.2	74.7	75.1	76.4	77.3	78.4	78.8	79.3	79.3	80.2	80.2	80.5	81.1
≥ 2500	63.7	68.8	70.8	72.7	75.2	75.6	76.9	77.8	79.0	79.3	79.8	79.8	80.7	80.7	81.0	81.7
≥ 2000	64.4	69.5	71.6	73.5	76.0	76.4	77.7	78.6	79.7	80.1	80.6	80.6	81.5	81.5	81.8	82.4
≥ 1800	65.0	70.0	72.1	74.1	76.6	77.0	78.3	79.2	80.4	80.7	81.3	81.3	82.1	82.1	82.4	83.1
≥ 1500	65.5	70.7	72.8	74.9	77.5	77.9	79.2	80.1	81.3	81.6	82.1	82.1	83.0	83.0	83.3	83.9
≥ 1200	65.7	70.9	73.1	75.1	77.8	78.2	79.5	80.4	81.6	81.9	82.4	82.4	83.3	83.3	83.6	84.4
≥ 1000	65.9	71.6	73.9	76.0	79.1	79.5	81.0	81.9	83.1	83.4	83.9	83.9	84.8	84.8	85.1	85.9
≥ 900	66.3	71.9	74.4	76.4	79.6	80.1	81.6	82.4	83.6	83.9	84.5	84.5	85.3	85.3	85.7	86.4
≥ 800	66.3	71.9	74.4	76.5	79.7	80.2	81.7	82.7	83.8	84.2	84.7	84.7	85.6	85.6	85.9	86.6
≥ 700	66.4	72.1	74.6	76.8	80.2	80.6	82.2	83.2	84.4	84.7	85.2	85.2	86.1	86.1	86.4	87.2
≥ 600	66.4	72.2	75.0	77.3	80.6	81.3	82.9	83.8	85.2	85.7	86.2	86.2	87.1	87.1	87.4	88.1
≥ 500	66.5	72.3	75.2	77.6	81.4	82.1	84.4	85.3	86.9	87.5	88.0	88.0	89.0	89.0	89.4	90.2
≥ 400	66.5	72.5	75.4	77.9	81.8	82.5	85.0	86.1	87.6	88.4	88.9	88.9	89.9	90.2	90.6	91.4
≥ 300	66.5	72.5	75.4	77.9	82.1	83.0	85.7	86.7	88.4	89.4	90.5	90.6	91.9	92.3	93.1	94.0
≥ 200	66.5	72.5	75.4	77.9	82.2	83.1	86.0	87.2	89.0	90.2	91.5	91.6	93.4	94.2	95.2	96.8
≥ 100	66.5	72.5	75.4	77.9	82.2	83.1	86.0	87.3	89.1	90.3	91.8	91.9	93.8	94.6	95.8	99.4
≥ 0	66.5	72.5	75.4	77.9	82.2	83.1	86.0	87.3	89.1	90.3	91.8	91.9	93.8	94.6	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS 928

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 9-76 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	47.5	50.1	50.7	51.3	51.8	52.1	52.4	52.5	52.6	52.6	52.6	52.6	52.6	52.9	52.9	53.0
≥ 20000	53.0	55.8	56.7	57.5	57.9	58.2	58.6	58.7	58.8	58.8	58.8	58.8	58.8	59.0	59.0	59.1
≥ 18000	53.4	56.3	57.4	58.1	58.6	58.9	59.2	59.3	59.4	59.4	59.4	59.4	59.4	59.6	59.6	59.7
≥ 16000	53.6	56.5	57.6	58.3	58.8	59.1	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.8	59.8	60.0
≥ 14000	54.0	56.9	58.2	59.0	59.4	59.7	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.5	60.5	60.6
≥ 12000	54.8	57.8	59.1	59.8	60.3	60.6	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.4	61.4	61.5
≥ 10000	57.1	60.2	61.5	62.2	62.6	63.0	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.7	63.7	63.8
≥ 9000	57.9	61.0	62.3	63.1	63.5	63.8	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.6	64.6	64.7
≥ 8000	59.7	63.0	64.5	65.2	65.8	66.1	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.8	66.8	67.0
≥ 7000	60.6	63.8	65.3	66.1	66.8	67.2	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.9	67.9	68.0
≥ 6000	62.0	65.2	66.7	67.5	68.2	68.6	68.9	69.0	69.1	69.2	69.2	69.2	69.2	69.4	69.4	69.5
≥ 5000	63.0	66.4	68.0	68.8	69.5	69.9	70.3	70.4	70.6	70.8	70.8	70.8	70.8	71.0	71.0	71.2
> 4500	63.7	67.3	68.9	69.6	70.4	70.7	71.2	71.4	71.6	71.8	71.8	71.8	71.8	72.0	72.0	72.1
≥ 4000	65.2	68.9	70.5	71.4	72.2	72.6	73.3	73.5	73.7	74.0	74.0	74.0	74.0	74.2	74.2	74.3
≥ 3500	66.3	70.2	71.8	72.7	73.5	73.8	74.6	74.8	75.0	75.2	75.2	75.2	75.2	75.5	75.5	75.6
≥ 3000	68.4	72.4	74.5	75.5	76.3	76.6	77.4	77.6	77.8	78.0	78.1	78.1	78.1	78.4	78.4	78.5
≥ 2500	69.1	73.5	75.6	76.6	77.5	77.8	78.6	78.8	79.0	79.2	79.3	79.3	79.3	79.5	79.5	79.7
≥ 2000	70.3	74.8	76.9	78.0	79.1	79.4	80.2	80.4	80.6	80.8	80.9	80.9	80.9	81.2	81.2	81.3
≥ 1800	70.7	75.3	77.4	78.7	79.8	80.1	80.8	81.1	81.3	81.5	81.6	81.6	81.6	81.8	81.8	81.9
≥ 1500	72.3	77.5	79.7	80.9	82.0	82.3	83.1	83.3	83.5	83.7	83.9	83.9	83.9	84.1	84.1	84.2
≥ 1200	73.3	78.8	80.9	82.2	83.4	83.7	84.6	84.8	85.0	85.3	85.4	85.4	85.4	85.6	85.6	85.7
≥ 1000	74.3	80.0	82.3	83.7	85.1	85.6	86.4	86.7	86.9	87.1	87.3	87.3	87.4	87.6	87.6	87.7
≥ 900	74.6	80.7	83.1	84.5	85.9	86.3	87.2	87.4	87.6	87.8	88.1	88.1	88.2	88.4	88.4	88.5
≥ 800	74.9	81.1	83.4	84.8	86.2	86.7	87.5	87.7	87.9	88.3	88.5	88.5	88.6	88.8	88.8	88.9
≥ 700	75.2	81.6	84.1	85.5	86.9	87.4	88.4	88.6	88.8	89.2	89.5	89.5	89.6	89.8	89.8	89.9
≥ 600	75.7	82.0	84.6	86.1	87.9	88.6	89.6	89.9	90.1	90.5	90.7	90.7	90.9	91.1	91.1	91.2
≥ 500	76.0	82.6	85.4	87.1	89.7	90.4	91.5	91.9	92.2	92.8	93.0	93.0	93.1	93.3	93.3	93.4
≥ 400	76.0	82.9	85.9	87.8	90.6	91.5	92.8	93.4	93.9	94.7	94.9	94.9	95.0	95.3	95.3	95.4
≥ 300	76.1	83.1	86.2	88.3	91.2	92.0	93.6	94.4	94.9	96.1	96.6	96.6	96.7	96.9	96.9	97.0
≥ 200	76.1	83.1	86.2	88.3	91.2	92.0	93.6	94.5	95.3	96.6	97.6	97.8	98.1	98.6	98.8	99.0
≥ 100	76.1	83.1	86.2	88.3	91.2	92.0	93.6	94.5	95.3	96.6	97.6	97.8	98.1	98.6	98.9	99.9
≥ 0	76.1	83.1	86.2	88.3	91.2	92.0	93.6	94.5	95.3	96.6	97.6	97.8	98.1	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (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	≥⅞	≥¾	≥	≥5/16	≥¼	≥0
NO CEILING	45.5	47.6	47.8	47.8	48.3	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 20000	51.8	54.5	54.7	54.7	55.3	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 18000	52.9	55.5	55.8	55.8	56.4	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 16000	53.3	56.0	56.2	56.2	56.8	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 14000	54.0	56.7	56.9	56.9	57.6	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 12000	56.1	59.0	59.2	59.2	59.8	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 10000	58.3	61.4	61.8	61.8	62.4	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 9000	59.0	62.0	62.4	62.4	63.1	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 8000	59.8	63.0	63.4	63.4	64.0	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 7000	60.5	63.7	64.2	64.2	64.8	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 6000	62.0	65.3	65.8	65.8	66.4	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 5000	62.9	66.5	67.0	67.0	67.6	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 4500	63.8	67.5	67.9	67.9	68.6	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 4000	67.9	71.8	72.3	72.3	73.0	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 3500	70.4	74.3	74.9	74.9	75.6	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3000	75.0	79.0	79.7	79.9	80.8	81.1	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 2500	77.1	81.3	81.9	82.1	83.1	83.3	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2000	80.3	84.6	85.3	85.6	86.5	86.8	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1800	80.6	85.1	85.8	86.1	87.2	87.4	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1500	82.2	87.3	87.9	88.3	89.3	89.6	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1200	82.7	88.2	88.8	89.1	90.4	90.7	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1000	83.3	89.1	89.8	90.3	91.8	92.1	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 900	83.5	89.5	90.2	90.9	92.6	92.9	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	83.5	89.6	90.3	91.1	92.9	93.2	93.6	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 700	83.6	89.7	90.5	91.5	93.4	93.8	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 600	84.3	90.4	91.4	[illegible]4	94.6	94.9	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 500	84.3	90.7	91.9	93.1	95.7	96.1	96.6	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 400	84.3	91.0	92.1	93.5	96.0	96.4	96.9	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 300	84.5	91.2	92.4	93.5	96.7	97.1	97.5	98.2	98.4	98.7	98.9	98.9	99.0	99.0	99.0	99.0
≥ 200	84.5	91.2	92.4	93.6	96.7	97.1	97.5	98.3	98.6	99.0	99.2	99.2	99.4	99.4	99.4	99.7
≥ 100	84.5	91.2	92.4	93.6	96.7	97.1	97.5	98.3	98.6	99.0	99.4	99.4	99.5	99.5	99.7	100.0
≥ 0	84.5	91.2	92.4	93.6	96.7	97.1	97.5	98.3	98.6	99.0	99.4	99.4	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94830 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	49.4	50.8	51.1	51.2	51.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 20000	55.3	57.5	58.0	58.1	58.4	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 18000	55.8	57.9	58.4	58.6	58.9	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 16000	56.2	58.4	59.0	59.1	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 14000	56.5	58.8	59.5	59.6	60.0	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 12000	59.2	61.6	62.3	62.4	62.8	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 10000	61.8	64.3	65.0	65.1	65.4	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 9000	62.5	65.2	66.0	66.1	66.4	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 8000	64.0	67.0	67.7	67.8	68.1	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 7000	64.6	67.5	68.2	68.4	68.7	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 6000	66.1	69.1	69.9	70.0	70.3	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 5000	68.1	71.5	72.3	72.4	72.8	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 4500	69.1	72.4	73.3	73.4	73.7	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 4000	72.1	76.1	77.2	77.3	77.6	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3500	75.0	79.3	80.4	80.5	80.8	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3000	79.3	83.6	84.7	84.8	85.1	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 2500	81.7	86.2	87.3	87.5	87.8	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000	83.3	87.9	89.2	89.5	89.9	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1800	83.4	88.2	89.5	89.7	90.1	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1500	84.1	89.0	90.3	90.5	91.0	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	85.1	90.1	91.4	91.6	92.4	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1000	85.9	91.0	92.2	92.5	93.5	94.2	94.2	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.5
≥ 900	86.2	91.3	92.6	92.8	94.0	94.6	94.7	94.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0
≥ 800	86.3	91.9	93.2	93.4	94.6	95.3	95.4	95.5	95.5	95.5	95.7	95.7	95.8	95.8	95.8
≥ 700	86.3	92.1	93.4	93.6	95.0	95.8	95.9	96.0	96.0	96.0	96.2	96.2	96.3	96.3	96.3
≥ 600	86.3	92.1	93.5	93.8	95.5	96.2	96.6	96.7	96.8	96.8	97.0	97.0	97.1	97.1	97.1
≥ 500	86.4	92.5	93.9	94.3	96.0	96.8	97.1	97.4	97.5	97.5	97.7	97.7	98.0	98.0	98.0
≥ 400	86.4	92.6	94.1	94.6	96.3	97.1	97.4	98.1	98.2	98.2	98.5	98.5	98.7	98.7	98.7
≥ 300	86.4	92.6	94.1	94.6	96.6	97.4	97.8	98.5	98.7	98.9	99.2	99.2	99.4	99.5	99.5
≥ 200	86.4	92.6	94.1	94.6	96.6	97.4	97.8	98.7	98.9	99.1	99.5	99.5	99.9	99.9	99.9
≥ 100	86.4	92.6	94.1	94.6	96.6	97.4	97.8	98.7	98.9	99.1	99.5	99.5	99.9	99.9	99.9	100.0
0	86.4	92.6	94.1	94.6	96.6	97.4	97.8	98.7	98.9	99.1	99.5	99.5	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM AVL64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (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	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	57.6	59.7	60.8	61.5	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 20000	62.8	64.9	66.2	67.1	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 18000	63.3	65.7	67.0	67.8	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 16000	63.5	66.1	67.4	68.2	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 14000	64.3	66.8	68.1	69.1	69.6	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 12000	66.2	69.1	70.4	71.4	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 10000	67.8	70.7	72.1	73.1	73.6	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 9000	68.5	71.7	73.2	74.2	74.7	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 8000	70.2	74.3	75.8	76.7	77.3	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 7000	70.7	74.8	76.5	77.5	78.0	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 6000	71.9	76.0	77.7	78.8	79.3	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 5000	75.2	79.5	81.4	82.5	83.0	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 4500	75.8	80.2	82.0	83.1	83.6	83.7	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 4000	77.4	82.0	83.9	85.0	85.6	85.7	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3500	78.4	83.3	85.1	86.5	87.1	87.3	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3000	79.4	84.8	86.7	88.1	88.6	88.8	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2500	80.8	86.2	88.2	89.8	90.3	90.6	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000	81.4	86.9	88.9	90.6	91.2	91.5	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1800	81.5	87.0	89.0	90.7	91.3	91.6	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1500	82.1	87.6	89.7	91.4	92.0	92.4	92.8	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1200	82.3	87.8	89.9	91.7	92.6	92.9	93.3	93.5	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1000	82.9	88.5	90.6	92.6	93.5	94.0	94.4	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 900	83.0	88.6	90.7	92.7	93.8	94.2	94.6	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 800	83.2	88.9	91.1	93.0	94.1	94.5	94.9	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 700	83.3	89.1	91.4	93.3	94.6	95.2	95.8	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 600	83.3	89.3	91.6	93.6	94.9	95.5	96.1	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.7	96.7
≥ 500	83.4	89.6	91.8	93.9	95.2	95.7	96.3	96.6	96.7	96.8	96.8	96.8	96.8	96.9	97.0	
≥ 400	83.4	89.7	91.9	94.0	95.4	95.9	96.8	97.0	97.3	97.5	97.5	97.5	97.5	97.6	97.7	
≥ 300	83.4	89.7	92.0	94.1	95.7	96.3	97.5	98.0	98.4	98.7	98.8	98.8	98.9	98.9	99.0	99.2
≥ 200	83.4	89.7	92.0	94.1	95.7	96.3	97.6	98.2	98.6	98.9	99.0	99.0	99.4	99.4	99.5	99.9
≥ 100	83.4	89.7	92.0	94.1	95.7	96.3	97.6	98.2	98.6	98.9	99.0	99.0	99.4	99.4	99.5	100.0
0	83.4	89.7	92.0	94.1	95.7	96.3	97.6	98.2	98.6	98.9	99.0	99.0	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-76 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	60.7	62.9	65.0	65.9	66.9	67.0	67.2	67.3	67.3	67.5	67.5	67.5	67.7	67.7	67.7	67.7
≥ 20000	64.0	66.5	68.8	69.8	70.8	70.9	71.4	71.6	71.6	71.7	71.7	71.7	71.9	71.9	71.9	71.9
≥ 18000	64.3	66.8	69.1	70.2	71.1	71.2	71.8	71.9	71.9	72.0	72.0	72.0	72.2	72.2	72.2	72.2
≥ 16000	64.5	67.0	69.3	70.4	71.3	71.4	72.0	72.1	72.1	72.2	72.2	72.2	72.4	72.4	72.4	72.4
≥ 14000	65.2	67.9	70.2	71.4	72.4	72.5	73.1	73.2	73.2	73.3	73.3	73.3	73.5	73.5	73.5	73.5
≥ 12000	66.4	69.1	71.3	72.6	73.6	73.7	74.4	74.5	74.5	74.6	74.6	74.6	74.8	74.8	74.8	74.8
≥ 10000	67.6	70.3	72.5	73.8	74.9	75.0	75.6	75.8	75.8	75.9	75.9	75.9	76.1	76.1	76.1	76.1
≥ 9000	67.7	70.4	72.6	74.0	75.1	75.3	76.0	76.1	76.1	76.2	76.2	76.2	76.4	76.4	76.4	76.4
≥ 8000	69.2	72.1	74.6	76.0	77.2	77.4	78.1	78.3	78.3	78.4	78.4	78.4	78.7	78.7	78.7	78.7
≥ 7000	71.0	73.9	76.4	77.8	79.0	79.3	80.1	80.3	80.3	80.4	80.4	80.4	80.6	80.6	80.6	80.6
≥ 6000	72.1	75.0	77.5	79.0	80.2	80.5	81.3	81.5	81.5	81.6	81.6	81.6	81.8	81.8	81.8	81.8
≥ 5000	73.9	76.8	79.3	80.8	82.0	82.3	83.1	83.3	83.3	83.4	83.4	83.4	83.6	83.6	83.6	83.6
≥ 4500	74.5	77.4	80.0	81.5	82.7	83.0	83.7	83.9	83.9	84.1	84.1	84.1	84.3	84.3	84.3	84.3
≥ 4000	75.2	78.1	80.9	83.0	84.3	84.6	85.3	85.6	85.6	85.7	85.7	85.7	85.9	85.9	85.9	85.9
≥ 3500	75.6	78.9	81.7	83.8	85.1	85.5	86.2	86.4	86.4	86.5	86.5	86.5	86.7	86.7	86.7	86.7
≥ 3000	76.1	79.4	82.2	84.5	85.9	86.2	87.0	87.2	87.2	87.3	87.3	87.3	87.5	87.5	87.5	87.5
≥ 2500	76.9	80.3	83.1	85.5	86.9	87.2	87.9	88.1	88.1	88.3	88.3	88.3	88.5	88.5	88.5	88.5
≥ 2000	77.4	80.9	83.7	86.2	87.6	87.9	88.7	88.9	88.9	89.0	89.0	89.0	89.2	89.2	89.2	89.2
≥ 1800	77.7	81.3	84.1	86.5	87.9	88.3	89.0	89.2	89.2	89.3	89.3	89.3	89.5	89.5	89.5	89.5
≥ 1500	78.1	81.9	84.7	87.2	88.7	89.0	89.8	90.0	90.0	90.1	90.1	90.1	90.3	90.3	90.3	90.3
≥ 1200	78.4	82.2	85.0	87.5	89.2	89.5	90.3	90.5	90.5	90.6	90.6	90.6	90.8	90.8	90.8	90.8
≥ 1000	78.9	82.7	85.5	87.9	89.7	90.0	91.1	91.3	91.3	91.4	91.4	91.4	91.6	91.6	91.6	91.6
≥ 900	79.0	82.8	85.6	88.1	90.0	90.3	91.4	91.6	91.6	91.7	91.7	91.7	91.9	91.9	91.9	91.9
≥ 800	79.0	82.9	85.7	88.3	90.2	90.5	91.6	91.8	91.8	91.9	91.9	91.9	92.1	92.1	92.1	92.1
≥ 700	79.0	82.9	85.7	88.3	90.2	90.5	91.7	91.9	91.9	92.0	92.0	92.0	92.2	92.2	92.2	92.2
≥ 600	79.4	83.3	86.1	88.7	90.7	91.1	92.5	92.7	92.7	92.8	92.8	92.8	93.0	93.0	93.0	93.0
≥ 500	79.6	83.6	86.4	89.0	91.2	91.6	93.2	93.4	93.4	93.6	93.6	93.6	93.9	93.9	93.9	93.9
≥ 400	79.7	83.7	86.6	89.2	91.5	91.9	93.5	94.0	94.0	94.2	94.2	94.2	94.4	94.4	94.4	94.4
≥ 300	79.7	83.7	86.6	89.2	91.7	92.6	94.2	95.2	95.6	95.0	96.2	96.2	96.7	96.8	96.8	97.0
≥ 200	79.7	83.7	86.6	89.2	91.8	92.7	94.4	95.5	96.1	96.7	96.9	96.9	97.4	97.6	97.7	98.1
≥ 100	79.7	83.7	86.6	89.2	91.9	92.8	94.5	95.8	96.4	97.0	97.2	97.2	97.8	98.2	98.5	100.0
0	79.7	83.7	86.6	89.2	91.9	92.8	94.5	95.8	96.4	97.0	97.2	97.2	97.8	98.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 928

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (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	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥5/16	≥¼	0
NO CEILING	52.9	55.4	56.6	57.2	58.1	58.5	58.7	58.9	59.0	59.1	59.1	59.2	59.3	59.4	59.5	59.7
≥ 20000	56.8	59.6	61.1	61.8	62.7	63.1	63.4	63.6	63.7	63.8	63.9	63.9	64.1	64.2	64.2	64.4
≥ 18000	57.2	60.0	61.5	62.2	63.2	63.6	63.9	64.1	64.2	64.3	64.4	64.4	64.6	64.7	64.7	64.9
≥ 16000	57.4	60.3	61.8	62.5	63.5	63.9	64.2	64.4	64.5	64.6	64.7	64.7	64.9	65.0	65.0	65.2
≥ 14000	57.9	60.9	62.4	63.2	64.2	64.6	64.9	65.2	65.3	65.4	65.4	65.4	65.6	65.7	65.8	66.0
≥ 12000	59.3	62.5	64.0	64.8	65.8	66.2	66.6	66.8	66.9	67.0	67.1	67.1	67.3	67.4	67.5	67.6
≥ 10000	61.3	64.5	66.1	66.9	67.9	68.3	68.8	69.0	69.1	69.2	69.2	69.3	69.5	69.5	69.6	69.8
≥ 9000	61.7	65.0	66.6	67.4	68.5	68.9	69.3	69.5	69.6	69.7	69.8	69.8	70.0	70.1	70.2	70.3
≥ 8000	63.0	66.5	68.2	69.0	70.1	70.5	71.0	71.2	71.4	71.5	71.5	71.5	71.7	71.8	71.9	72.1
≥ 7000	64.0	67.5	69.2	70.1	71.2	71.7	72.1	72.4	72.5	72.6	72.7	72.7	72.9	73.0	73.1	73.2
≥ 6000	65.2	68.8	70.6	71.5	72.6	73.0	73.5	73.7	73.9	74.0	74.1	74.1	74.3	74.4	74.5	74.6
≥ 5000	66.9	70.7	72.5	73.4	74.5	75.0	75.5	75.8	75.9	76.1	76.1	76.2	76.4	76.4	76.5	76.7
≥ 4500	67.5	71.4	73.2	74.1	75.2	75.7	76.2	76.5	76.6	76.8	76.9	76.9	77.1	77.2	77.2	77.4
≥ 4000	69.4	73.5	75.5	76.6	77.8	78.3	78.9	79.2	79.3	79.5	79.6	79.6	79.8	79.9	79.9	80.1
≥ 3500	70.5	74.9	77.0	78.1	79.3	79.8	80.4	80.7	80.9	81.1	81.1	81.2	81.4	81.5	81.5	81.7
≥ 3000	72.3	76.9	79.1	80.3	81.7	82.2	82.8	83.2	83.3	83.5	83.6	83.6	83.9	83.9	84.0	84.2
≥ 2500	73.4	78.1	80.3	81.6	83.0	83.5	84.2	84.5	84.7	84.9	84.9	85.0	85.2	85.3	85.3	85.5
≥ 2000	74.5	79.3	81.5	82.9	84.3	84.9	85.5	85.8	86.0	86.2	86.3	86.3	86.5	86.6	86.7	86.9
≥ 1800	74.8	79.6	81.9	83.3	84.7	85.3	85.9	86.2	86.4	86.6	86.7	86.7	86.9	87.0	87.1	87.3
≥ 1500	75.6	80.7	83.0	84.4	85.9	86.4	87.1	87.4	87.6	87.8	87.9	87.9	88.1	88.2	88.2	88.4
≥ 1200	76.2	81.4	83.7	85.1	86.7	87.3	88.0	88.3	88.5	88.7	88.8	88.8	89.0	89.1	89.2	89.3
≥ 1000	76.7	82.1	84.5	86.0	87.8	88.5	89.2	89.6	89.8	90.0	90.1	90.1	90.3	90.4	90.5	90.7
≥ 900	76.9	82.4	84.8	86.4	88.3	88.9	89.7	90.0	90.2	90.4	90.5	90.5	90.8	90.8	90.9	91.1
≥ 800	77.0	82.6	85.0	86.6	88.5	89.1	89.9	90.3	90.5	90.7	90.8	90.9	91.1	91.2	91.2	91.4
≥ 700	77.1	82.8	85.3	86.9	89.0	89.6	90.5	90.9	91.1	91.3	91.4	91.5	91.7	91.8	91.9	92.1
≥ 600	77.3	83.2	85.7	87.4	89.6	90.3	91.2	91.7	91.9	92.1	92.3	92.3	92.5	92.6	92.7	92.9
≥ 500	77.5	83.4	86.1	87.9	90.4	91.2	92.3	92.8	93.1	93.4	93.5	93.5	93.8	93.9	94.0	94.2
≥ 400	77.5	83.6	86.3	88.2	90.8	91.6	92.9	93.5	93.9	94.3	94.4	94.5	94.7	94.8	95.0	95.2
≥ 300	77.5	83.6	86.4	88.3	91.2	92.1	93.6	94.4	94.9	95.4	95.9	95.9	96.3	96.5	96.6	97.0
≥ 200	77.5	83.6	86.4	88.3	91.2	92.2	93.7	94.7	95.4	96.0	96.5	96.6	97.3	97.5	97.7	98.3
≥ 100	77.5	83.6	86.4	88.3	91.2	92.2	93.8	94.9	95.5	96.1	96.7	96.8	97.5	97.9	98.2	99.9
≥ 0	77.5	83.6	86.4	88.3	91.2	92.2	93.8	94.9	95.5	96.1	96.7	96.8	97.5	97.9	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7426

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥⅛	≥0	
NO CEILING	45.9	47.4	47.9	48.0	48.8	48.8	49.2	49.3	49.4	49.7	49.8	49.8	49.9	50.0	50.2	50.6
≥ 20000	49.9	51.4	51.9	52.0	52.8	52.8	53.4	53.6	53.7	53.9	54.0	54.0	54.1	54.2	54.4	54.8
≥ 18000	50.0	51.7	52.1	52.2	53.0	53.0	53.7	53.8	53.9	54.1	54.2	54.2	54.3	54.4	54.7	55.0
≥ 16000	50.3	52.0	52.4	52.6	53.3	53.3	54.0	54.1	54.2	54.4	54.6	54.6	54.7	54.8	55.0	55.3
≥ 14000	51.6	53.2	53.7	53.8	54.6	54.6	55.2	55.3	55.4	55.7	55.8	55.8	55.9	56.0	56.2	56.6
≥ 12000	52.0	53.7	54.1	54.2	55.0	55.0	55.8	55.9	56.0	56.2	56.3	56.3	56.4	56.6	56.8	57.1
≥ 10000	53.1	54.8	55.2	55.3	56.1	56.1	56.9	57.0	57.1	57.3	57.4	57.4	57.6	57.7	57.9	58.2
≥ 9000	54.0	55.8	56.2	56.3	57.1	57.1	57.9	58.0	58.1	58.3	58.4	58.4	58.6	58.7	58.9	59.2
≥ 8000	54.8	56.8	57.2	57.3	58.1	58.1	59.0	59.1	59.2	59.4	59.6	59.6	59.7	59.8	60.0	60.3
≥ 7000	55.2	57.7	58.1	58.2	59.0	59.0	60.0	60.1	60.2	60.4	60.6	60.6	60.7	60.8	61.0	61.3
≥ 6000	56.3	58.8	59.2	59.4	60.2	60.2	61.2	61.3	61.4	61.7	61.8	61.8	61.9	62.0	62.2	62.6
≥ 5000	59.8	62.9	63.3	63.6	64.3	64.3	65.4	65.6	65.7	65.9	66.0	66.0	66.1	66.4	66.7	67.0
≥ 4500	61.0	64.1	64.7	64.9	65.8	65.8	66.9	67.0	67.2	67.4	67.6	67.6	67.7	68.0	68.2	68.6
≥ 4000	63.8	67.6	68.1	68.3	69.6	69.6	70.7	70.9	71.1	71.3	71.4	71.4	71.6	71.9	72.1	72.4
≥ 3500	64.6	68.7	69.3	69.6	70.8	70.8	71.9	72.1	72.3	72.6	72.7	72.7	72.8	73.1	73.3	73.7
≥ 3000	65.7	70.0	70.8	71.3	72.8	72.8	74.0	74.2	74.4	74.7	74.8	74.8	74.9	75.2	75.4	75.8
≥ 2500	67.0	71.8	72.6	73.1	74.9	74.9	76.1	76.4	76.7	76.9	77.0	77.0	77.1	77.4	77.7	78.0
≥ 2000	68.3	73.3	74.2	75.0	76.8	76.8	78.1	78.4	78.7	78.9	79.0	79.0	79.1	79.4	79.7	80.0
≥ 1800	68.3	73.3	74.6	75.3	77.1	77.1	78.4	78.8	79.0	79.2	79.3	79.3	79.4	79.8	80.0	80.3
≥ 1500	69.6	74.8	76.1	77.1	79.2	79.2	80.6	80.9	81.1	81.3	81.4	81.4	81.6	81.9	82.1	82.4
≥ 1200	70.6	75.9	77.3	78.3	80.4	80.6	81.9	82.2	82.4	82.7	82.8	82.8	82.9	83.2	83.4	83.8
≥ 1000	71.1	76.4	77.9	78.9	81.3	81.6	82.9	83.2	83.4	83.7	83.8	83.8	83.9	84.2	84.4	84.8
≥ 900	71.3	76.7	78.1	79.6	82.1	82.3	83.7	84.0	84.2	84.4	84.6	84.6	84.7	85.0	85.2	85.6
≥ 800	71.7	77.1	78.7	80.2	82.8	83.1	84.4	84.8	85.0	85.2	85.3	85.3	85.4	85.8	86.0	86.3
≥ 700	71.7	77.3	78.9	80.4	83.3	83.8	85.1	85.4	85.7	85.9	86.0	86.0	86.1	86.4	86.7	87.0
≥ 600	71.9	77.8	79.7	81.3	84.9	85.4	86.8	87.1	87.3	87.6	87.7	87.7	87.8	88.1	88.3	88.7
≥ 500	72.0	78.1	80.1	81.8	85.8	86.4	88.3	88.7	89.0	89.2	89.3	89.3	89.4	89.8	90.0	90.3
≥ 400	72.4	78.8	80.8	82.4	86.9	87.6	89.9	90.6	91.0	91.2	91.3	91.3	91.4	91.8	92.0	92.3
≥ 300	72.4	79.0	81.1	82.8	87.3	88.3	91.2	92.2	93.1	93.7	94.2	94.2	94.3	94.7	94.9	95.2
≥ 200	72.4	79.0	81.1	82.8	87.6	88.6	91.4	92.8	94.0	94.7	96.0	96.1	97.0	97.4	98.2	98.7
≥ 100	72.4	79.0	81.1	82.8	87.6	88.6	91.4	92.8	94.0	94.7	96.0	96.1	97.2	97.7	99.0	99.8
≥ 0	72.4	79.0	81.1	82.8	87.6	88.6	91.4	92.8	94.0	94.7	96.0	96.1	97.2	97.7	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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (YEARS) SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	41.8	42.3	42.8	43.0	43.6	43.7	44.5	44.6	45.1	45.3	45.7	45.8	45.9	46.3	46.6	46.9
≥ 20000	44.2	44.8	45.4	45.6	46.4	46.5	47.6	47.7	48.2	48.4	48.8	48.9	49.2	49.5	49.8	50.2
≥ 18000	44.3	44.9	45.5	45.7	46.5	46.6	47.7	47.8	48.3	48.5	48.9	49.1	49.3	49.6	49.9	50.3
≥ 16000	44.6	45.3	45.8	46.1	46.8	46.9	48.1	48.2	48.6	48.8	49.3	49.4	49.6	49.9	50.3	50.6
≥ 14000	44.9	45.6	46.2	46.4	47.2	47.3	48.4	48.5	48.9	49.2	49.6	49.7	49.9	50.3	50.6	50.9
≥ 12000	45.6	46.3	46.8	47.1	47.8	47.9	49.1	49.2	49.6	49.8	50.3	50.4	50.6	50.9	51.3	51.6
≥ 10000	48.3	48.9	49.5	49.7	50.5	50.6	51.7	51.8	52.3	52.5	52.9	53.1	53.3	53.6	53.9	54.3
≥ 9000	48.9	49.6	50.2	50.4	51.2	51.3	52.4	52.5	52.9	53.2	53.6	53.7	53.9	54.3	54.6	54.9
≥ 8000	50.1	50.8	51.5	51.8	52.9	53.1	54.2	54.3	54.7	54.9	55.4	55.5	55.7	56.1	56.4	56.7
≥ 7000	51.2	51.9	52.6	52.9	54.1	54.2	55.3	55.4	55.8	56.1	56.5	56.6	56.8	57.2	57.5	57.8
≥ 6000	52.4	53.2	53.8	54.3	55.5	55.6	56.7	56.8	57.3	57.5	58.0	58.1	58.3	58.6	59.0	59.3
≥ 5000	55.7	57.4	58.3	58.7	60.0	60.1	61.2	61.3	61.7	62.0	62.4	62.6	63.0	63.3	63.6	64.1
≥ 4500	56.2	58.0	58.8	59.3	60.7	60.8	62.0	62.1	62.5	62.7	63.2	63.4	63.7	64.1	64.4	64.8
≥ 4000	58.4	60.6	61.7	62.2	63.8	64.1	65.2	65.3	65.7	66.0	66.4	66.6	67.0	67.3	67.6	68.1
≥ 3500	59.2	61.5	62.6	63.1	64.8	65.1	66.2	66.3	66.7	67.0	67.4	67.6	68.0	68.3	68.6	69.1
≥ 3000	60.2	62.6	64.1	64.6	66.6	66.9	68.1	68.2	68.6	69.0	69.4	69.6	70.0	70.3	70.6	71.1
≥ 2500	62.5	65.6	67.3	68.0	70.2	70.4	71.7	72.0	72.4	72.7	73.2	73.4	73.7	74.1	74.4	74.9
≥ 2000	63.6	67.1	68.7	69.4	71.6	71.9	73.2	73.4	73.9	74.2	74.6	74.9	75.2	75.5	75.9	76.3
≥ 1800	64.0	67.4	69.1	69.7	72.0	72.2	73.6	73.9	74.3	74.6	75.1	75.3	75.6	76.0	76.3	76.8
≥ 1500	66.3	70.0	71.7	72.5	74.7	75.0	76.4	76.6	77.1	77.4	77.9	78.1	78.4	78.8	79.1	79.5
≥ 1200	67.5	71.6	73.6	74.4	76.9	77.1	78.6	78.9	79.3	79.6	80.1	80.3	80.6	81.0	81.3	81.8
≥ 1000	69.1	73.3	75.3	76.2	78.9	79.1	81.0	81.3	81.8	82.1	82.5	82.8	83.1	83.4	83.8	84.2
≥ 900	69.4	73.6	75.6	76.6	79.3	79.5	81.5	81.9	82.3	82.6	83.1	83.3	83.6	84.0	84.3	84.8
≥ 800	69.5	73.9	75.9	76.9	79.8	80.0	82.0	82.3	82.9	83.2	83.6	83.9	84.2	84.5	84.9	85.3
≥ 700	69.6	74.2	76.3	77.3	80.2	80.4	82.6	83.1	83.6	84.0	84.4	84.6	85.0	85.3	85.7	86.1
≥ 600	69.9	74.6	77.0	78.2	81.3	81.6	84.1	84.5	85.1	85.4	85.9	86.1	86.4	86.8	87.1	87.5
≥ 500	69.9	74.9	77.4	78.9	82.3	82.9	86.1	86.7	87.3	87.7	88.1	88.3	88.7	89.0	89.3	89.8
≥ 400	70.2	75.3	77.9	79.3	82.9	83.8	87.3	88.0	88.7	89.0	89.5	89.8	90.1	90.4	90.8	91.2
≥ 300	70.2	75.6	78.3	79.9	84.0	85.1	89.0	90.2	91.0	91.5	92.3	92.5	92.9	93.3	93.7	94.1
≥ 200	70.2	75.8	78.4	80.1	84.8	86.0	90.1	91.5	92.7	93.4	94.7	95.0	95.8	96.6	97.0	97.6
≥ 100	70.2	75.8	78.4	80.1	84.8	86.0	90.1	91.5	92.7	93.5	94.9	95.3	96.1	97.0	98.2	99.9
≥ 0	70.2	75.8	78.4	80.1	84.8	86.0	90.1	91.5	92.7	93.5	94.9	95.3	96.1	97.0	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 69-78 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS: 0600-0800

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	37.7	38.3	38.8	39.1	40.2	40.3	41.0	41.3	41.3	41.7	41.9	41.9	42.1	42.2	42.6	43.0
≥ 20000	39.9	40.6	41.0	41.3	42.4	42.6	43.2	43.6	43.8	44.1	44.3	44.4	44.7	44.8	45.1	45.6
≥ 18000	39.9	40.7	41.1	41.4	42.6	42.7	43.3	43.7	43.9	44.2	44.4	44.6	44.8	44.9	45.2	45.7
≥ 16000	39.9	40.7	41.1	41.4	42.6	42.7	43.3	43.7	43.9	44.2	44.4	44.6	44.8	44.9	45.2	45.7
≥ 14000	41.0	41.8	42.2	42.6	43.7	43.8	44.4	44.8	45.0	45.3	45.6	45.7	45.9	46.0	46.3	46.8
≥ 12000	41.7	42.4	42.9	43.2	44.3	44.4	45.1	45.4	45.7	46.0	46.2	46.3	46.7	46.8	47.2	47.7
≥ 10000	44.4	45.4	45.9	46.2	47.4	47.6	48.2	48.6	48.8	49.1	49.3	49.4	49.8	49.9	50.3	50.8
≥ 9000	45.2	46.2	46.7	47.0	48.2	48.3	49.0	49.3	49.6	49.9	50.1	50.2	50.6	50.7	51.1	51.6
≥ 8000	46.9	48.1	48.6	48.9	50.3	50.4	51.1	51.4	51.7	52.0	52.2	52.3	52.7	52.8	53.2	53.7
≥ 7000	48.3	49.8	50.3	50.7	52.1	52.2	52.9	53.3	53.6	53.9	54.1	54.2	54.6	54.7	55.1	55.6
≥ 6000	49.3	51.1	51.7	52.0	53.4	53.6	54.2	54.7	54.9	55.2	55.4	55.6	55.9	56.0	56.4	56.9
≥ 5000	51.7	53.8	54.4	55.1	56.6	56.7	57.3	57.8	58.0	58.4	58.7	58.8	59.1	59.2	59.7	60.1
≥ 4500	52.4	54.7	55.4	56.2	57.9	58.0	58.7	59.1	59.3	59.8	60.0	60.1	60.4	60.6	61.0	61.4
≥ 4000	54.8	57.2	58.2	59.1	60.8	60.9	61.6	62.0	62.2	62.7	62.9	63.0	63.3	63.4	63.9	64.3
≥ 3500	55.4	58.0	59.0	59.9	61.6	61.7	62.3	62.8	63.0	63.4	63.7	63.8	64.1	64.2	64.7	65.1
≥ 3000	57.9	60.6	61.7	62.7	64.3	64.4	65.1	65.6	65.8	66.2	66.4	66.6	66.9	67.0	67.4	67.9
≥ 2500	62.0	65.1	66.4	67.4	69.1	69.2	69.9	70.3	70.6	71.0	71.2	71.3	71.7	71.8	72.2	72.7
≥ 2000	64.2	67.4	68.8	69.8	71.4	71.6	72.2	72.7	73.0	73.4	73.7	73.8	74.1	74.2	74.7	75.1
≥ 1800	65.3	68.6	69.9	70.9	72.6	72.7	73.3	73.8	74.1	74.6	74.8	74.9	75.2	75.3	75.8	76.2
≥ 1500	67.1	70.6	72.1	73.1	74.9	75.0	75.8	76.2	76.6	77.0	77.2	77.3	77.7	77.8	78.2	78.7
≥ 1200	67.8	71.9	73.4	74.6	76.4	76.6	77.4	77.9	78.2	78.7	78.9	79.0	79.3	79.4	79.9	80.3
≥ 1000	69.0	73.1	74.7	76.0	78.3	78.6	79.5	80.0	80.3	80.8	81.0	81.1	81.4	81.6	82.0	82.4
≥ 900	69.0	73.1	74.7	76.0	78.3	78.6	79.7	80.1	80.4	80.9	81.1	81.2	81.6	81.7	82.1	82.6
≥ 800	69.6	73.9	75.4	76.8	79.1	79.3	80.4	80.9	81.2	81.7	81.9	82.0	82.3	82.4	82.9	83.3
≥ 700	69.6	73.9	75.7	77.1	79.8	80.1	81.3	81.8	82.1	82.6	82.8	82.9	83.2	83.3	83.8	84.2
≥ 600	69.9	74.3	76.2	77.7	81.0	81.3	82.7	83.1	83.4	83.9	84.1	84.2	84.6	84.7	85.1	85.6
≥ 500	70.2	75.0	77.3	78.8	83.3	84.1	86.1	87.0	87.4	87.9	88.1	88.2	88.6	88.7	89.1	89.6
≥ 400	70.3	75.6	78.0	79.4	84.1	85.0	87.2	88.6	89.1	89.8	90.0	90.1	90.4	90.6	91.0	91.4
≥ 300	70.3	75.7	78.1	79.6	85.0	86.0	88.7	90.4	91.0	91.8	92.3	92.4	93.1	93.3	93.8	94.3
≥ 200	70.4	75.9	78.6	80.0	85.8	86.8	89.6	91.6	92.2	93.2	94.3	94.4	95.9	96.1	96.7	97.4
≥ 100	70.4	75.9	78.6	80.0	85.8	86.8	89.7	91.7	92.3	93.3	94.4	94.6	96.2	96.4	97.4	99.9
0	70.4	75.9	78.6	80.0	85.8	86.8	89.7	91.7	92.3	93.3	94.4	94.6	96.2	96.4	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94835 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	35.2	36.6	36.7	36.9	37.3	37.3	37.4	37.4	37.4	37.6	37.6	37.6	37.6	37.6	37.6	37.7
≥ 20000	39.0	40.6	40.7	40.9	41.3	41.3	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 18000	39.2	40.8	40.9	41.1	41.6	41.6	41.8	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	42.0
≥ 16000	39.4	41.0	41.1	41.3	41.8	41.8	42.0	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.2
≥ 14000	40.8	42.4	42.7	42.9	43.3	43.3	43.6	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.8
≥ 12000	42.3	44.0	44.2	44.4	44.9	44.9	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.3
≥ 10000	45.1	46.9	47.2	47.4	47.9	47.9	48.1	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.3
≥ 9000	45.8	47.7	48.0	48.2	48.7	48.7	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.1
≥ 8000	47.3	49.3	49.7	49.9	50.3	50.3	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.8
≥ 7000	48.2	50.2	50.6	50.8	51.2	51.2	51.4	51.4	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.7
≥ 6000	49.2	51.2	51.6	51.8	52.2	52.2	52.6	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.8
≥ 5000	51.4	53.6	53.9	54.1	54.8	54.8	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.4
≥ 4500	52.1	54.2	54.6	54.8	55.4	55.4	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.1
≥ 4000	54.0	56.3	56.7	56.9	57.6	57.6	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.2
≥ 3500	54.8	57.1	57.4	57.7	58.3	58.3	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	59.0
≥ 3000	58.4	60.9	61.2	61.6	62.3	62.3	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	63.0
≥ 2500	62.7	65.3	65.8	66.1	66.9	66.9	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.6
≥ 2000	67.3	70.0	70.4	70.8	71.9	71.9	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.6
≥ 1800	68.0	70.8	71.3	71.8	72.9	72.9	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.6
≥ 1500	70.3	73.2	74.0	74.4	75.6	75.6	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.2
≥ 1200	72.1	75.7	76.7	77.1	78.3	78.4	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.2
≥ 1000	73.7	77.6	78.6	79.0	80.6	80.7	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.6
≥ 900	74.2	78.6	79.6	80.2	81.8	81.9	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.8
≥ 800	74.9	79.4	80.6	81.4	83.0	83.1	83.8	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.2
≥ 700	75.3	80.2	81.9	82.8	84.8	84.9	85.7	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.2
≥ 600	75.6	81.3	83.3	84.4	86.7	86.8	87.8	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.3
≥ 500	76.1	82.2	84.3	85.7	88.2	88.8	90.2	90.7	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.2
≥ 400	76.1	82.8	85.2	86.9	89.6	90.1	91.9	92.4	92.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8
≥ 300	76.1	82.9	85.4	87.1	90.0	90.7	92.9	94.2	95.2	96.3	96.7	96.7	96.7	96.7	96.7	96.9
≥ 200	76.1	82.9	85.6	87.2	90.2	91.1	93.4	94.8	95.8	97.2	97.9	97.9	98.2	98.4	98.4	98.8
≥ 100	76.1	82.9	85.6	87.2	90.2	91.1	93.4	94.8	95.8	97.2	97.9	97.9	98.4	98.8	98.8	99.6
≥ 0	76.1	82.9	85.6	87.2	90.2	91.1	93.4	94.8	95.8	97.2	97.9	97.9	98.4	98.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94835 K I SAWYER AFB MI 69-78 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	33.9	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 20000	40.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 18000	40.9	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 16000	40.9	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 14000	41.8	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 12000	42.7	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 10000	44.9	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 9000	45.7	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 8000	47.0	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 7000	48.7	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 6000	50.0	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 5000	52.2	54.0	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
≥ 4500	52.8	54.6	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
≥ 4000	55.0	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 3500	57.9	60.1	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
≥ 3000	63.3	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 2500	69.0	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 2000	73.1	75.9	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 1800	73.9	76.7	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 1500	77.2	80.7	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 1200	78.8	82.6	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1000	79.9	84.0	84.7	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 900	81.3	85.8	86.7	87.0	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 800	82.0	86.8	87.9	88.2	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 700	82.4	87.6	88.8	89.3	90.7	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 600	82.6	88.4	89.8	90.7	92.6	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 500	82.6	88.4	90.0	91.1	93.4	93.7	93.9	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 400	82.8	88.8	90.4	91.8	94.3	94.7	95.2	95.7	96.1	96.6	96.6	96.6	96.6	96.6	96.6
≥ 300	82.8	88.8	90.4	91.9	94.6	95.0	96.1	96.9	97.4	98.1	98.4	98.4	98.4	98.6	98.6	98.6
≥ 200	82.8	88.8	90.4	91.9	94.6	95.3	96.4	97.3	98.0	98.9	99.2	99.2	99.6	99.7	99.8	99.8
≥ 100	82.8	88.8	90.4	91.9	94.6	95.3	96.4	97.3	98.0	98.9	99.3	99.3	99.7	99.8	99.9	100.0
≥ 0	82.8	88.8	90.4	91.9	94.6	95.3	96.4	97.3	98.0	98.9	99.3	99.3	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-76 YEAR | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥⅛	≥0	
NO CEILING	39.6	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 20000	46.1	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 18000	46.6	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 16000	46.7	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 14000	47.9	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 12000	49.3	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 10000	51.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 9000	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	53.2
≥ 8000	53.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 7000	54.9	56.0	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 6000	56.4	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 5000	58.5	59.7	59.8	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
≥ 4500	60.3	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 4000	63.2	64.6	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 3500	66.4	67.9	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 3000	71.6	73.6	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2500	75.0	77.3	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 2000	77.5	81.0	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 1800	78.2	81.6	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1500	80.0	83.8	84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1200	81.3	85.5	86.2	86.5	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1000	82.8	87.5	88.2	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 900	83.5	88.3	89.0	89.5	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 800	84.3	89.5	90.2	90.6	90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 700	84.9	90.7	91.3	92.2	92.5	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 600	84.9	90.9	91.8	92.8	93.4	93.7	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 500	85.2	91.4	92.7	93.8	94.9	95.1	95.9	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	85.5	91.8	93.1	94.2	95.6	95.8	96.8	97.7	97.9	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 300	85.5	91.8	93.1	94.2	95.7	95.9	97.0	97.9	98.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	85.5	91.8	93.1	94.2	95.7	95.9	97.0	97.9	98.1	99.1	99.6	99.6	99.7	99.8	99.8	99.8
≥ 100	85.5	91.8	93.1	94.2	95.7	95.9	97.0	97.9	98.1	99.1	99.6	99.6	99.8	99.9	100.0	100.0
≥ 0	85.5	91.8	93.1	94.2	95.7	95.9	97.0	97.9	98.1	99.1	99.6	99.6	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 69-78 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	43.6	44.3	44.7	44.7	44.9	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2
≥ 20000	49.6	50.7	51.2	51.3	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7
≥ 18000	49.6	50.7	51.2	51.3	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7
≥ 16000	49.6	50.7	51.3	51.4	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8
≥ 14000	50.4	51.5	52.1	52.2	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6
≥ 12000	51.5	52.6	53.2	53.3	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.7	53.7	53.7	53.7
≥ 10000	53.9	55.3	55.8	56.0	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4
≥ 9000	54.6	56.0	56.5	56.6	56.8	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1
≥ 8000	56.4	58.0	58.5	58.6	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2
≥ 7000	57.5	59.3	59.8	60.0	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6
≥ 6000	59.0	60.7	61.4	61.8	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.5
≥ 5000	61.8	63.8	64.6	65.2	65.5	65.7	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0
≥ 4500	63.7	65.7	66.5	67.1	67.4	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.9	67.9	67.9	67.9
≥ 4000	66.3	68.6	69.4	70.3	70.6	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1
≥ 3500	67.6	70.0	70.7	71.7	72.1	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5
≥ 3000	70.5	72.9	74.0	75.1	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1
≥ 2500	72.7	75.2	76.5	77.6	78.2	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.8
≥ 2000	75.4	78.1	79.4	80.5	81.3	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9
≥ 1800	76.3	79.0	80.3	81.4	82.2	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.8	82.8	82.8	82.8
≥ 1500	77.5	80.4	81.8	83.0	83.8	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3
≥ 1200	79.4	82.5	83.9	85.3	86.2	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9
≥ 1000	80.8	83.9	85.2	86.9	87.9	88.4	88.5	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8
≥ 900	80.8	84.0	85.3	87.0	88.0	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9
≥ 800	81.1	84.4	85.9	87.8	88.9	89.4	89.5	89.7	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9
≥ 700	81.8	85.3	87.1	89.3	90.8	91.3	91.4	91.5	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.8
≥ 600	81.8	85.5	87.5	89.9	91.4	92.0	92.4	92.5	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9
≥ 500	81.9	85.8	88.6	90.7	93.2	93.8	94.3	94.4	94.5	94.7	94.7	94.7	94.8	94.8	94.8	94.8
≥ 400	82.0	85.9	88.2	91.2	94.0	94.8	96.0	96.8	96.9	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 300	82.0	85.9	88.3	91.3	94.2	95.0	96.2	97.2	97.3	98.2	98.3	98.4	98.7	98.7	98.7	98.7
≥ 200	82.0	85.9	88.3	91.3	94.2	95.0	96.2	97.2	97.4	98.3	98.9	99.0	99.6	99.6	99.6	99.6
≥ 100	82.0	85.9	88.3	91.3	94.2	95.0	96.2	97.2	97.6	98.4	99.2	99.3	99.9	99.9	100.0	100.0
≥ 0	82.0	85.9	88.3	91.3	94.2	95.0	96.2	97.2	97.6	98.4	99.2	99.3	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 STATION — K I SAWYER AFB MI STATION NAME — 9-78 YEARS — SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥0
NO CEILING	45.3	47.0	47.8	47.9	48.9	49.0	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.6
≥ 20000	48.2	50.0	50.8	51.0	52.0	52.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.9
≥ 18000	48.3	50.1	50.9	51.1	52.1	52.4	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	53.0
≥ 16000	48.6	50.3	51.1	51.3	52.3	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.2
≥ 14000	49.8	51.6	52.3	52.6	53.6	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.4
≥ 12000	50.2	52.0	52.8	53.0	54.0	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.9
≥ 10000	52.9	54.7	55.8	56.0	57.0	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
≥ 9000	53.7	55.4	56.6	56.8	57.8	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.7
≥ 8000	54.3	56.1	57.3	57.6	58.6	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.4
≥ 7000	55.7	57.4	58.8	59.0	60.0	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.9
≥ 6000	57.8	59.7	61.0	61.2	62.3	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.2
≥ 5000	60.8	62.8	64.2	64.4	65.6	66.0	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.8
≥ 4500	62.3	64.4	65.9	66.2	67.3	67.8	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.6
≥ 4000	65.6	68.0	70.1	70.4	71.6	72.0	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.8
≥ 3500	66.8	69.6	71.7	72.0	73.1	73.6	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.3
≥ 3000	69.2	72.3	74.7	75.0	76.2	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.7
≥ 2500	71.0	74.6	77.0	77.4	78.8	79.2	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.2
≥ 2000	72.6	76.1	78.7	79.1	80.4	80.9	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.9
≥ 1800	72.9	76.6	79.1	79.6	80.9	81.4	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.4
≥ 1500	74.1	78.0	80.9	81.3	82.8	83.4	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.4
≥ 1200	75.2	79.2	82.2	83.0	84.7	85.7	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.7
≥ 1000	75.8	79.9	82.9	83.9	86.3	87.3	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.3
≥ 900	76.2	80.4	83.4	84.4	87.1	88.1	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.2
≥ 800	76.2	80.8	83.8	84.9	87.6	88.6	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.7
≥ 700	76.3	80.9	83.9	85.1	88.1	89.1	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.2
≥ 600	76.6	81.2	84.4	85.8	89.2	90.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.6
≥ 500	76.9	81.6	84.8	86.2	91.1	92.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.8
≥ 400	77.0	81.9	85.2	86.7	92.0	93.0	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.3
≥ 300	77.1	82.0	85.3	86.8	92.6	93.6	95.8	96.1	96.4	96.6	97.0	97.0	97.1	97.1	97.3
≥ 200	77.1	82.0	85.3	86.8	92.6	93.6	95.8	96.1	96.7	96.9	98.0	98.0	98.7	98.7	98.9
≥ 100	77.1	82.0	85.3	86.8	92.6	93.6	95.8	96.1	96.7	96.9	98.1	98.1	98.9	99.0	99.3	99.7
0	77.1	82.0	85.3	86.8	92.6	93.6	95.8	96.1	96.7	96.9	98.1	98.1	98.9	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 9-78 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	40.4	41.4	41.7	41.9	42.4	42.4	42.7	42.8	42.9	43.0	43.1	43.1	43.1	43.2	43.3	43.5
≥ 20000	44.7	45.8	46.2	46.3	46.9	47.0	47.3	47.4	47.5	47.6	47.7	47.7	47.8	47.9	48.0	48.2
≥ 18000	44.9	46.0	46.4	46.5	47.1	47.1	47.5	47.6	47.7	47.8	47.9	47.9	48.0	48.1	48.2	48.4
≥ 16000	45.0	46.2	46.5	46.7	47.2	47.3	47.7	47.8	47.9	48.0	48.1	48.1	48.2	48.3	48.4	48.5
≥ 14000	46.0	47.3	47.6	47.8	48.3	48.4	48.8	48.9	49.0	49.1	49.2	49.2	49.3	49.4	49.5	49.6
≥ 12000	46.9	48.1	48.5	48.7	49.2	49.3	49.7	49.8	49.9	50.0	50.1	50.1	50.2	50.3	50.4	50.6
≥ 10000	49.3	50.6	51.0	51.2	51.7	51.8	52.2	52.3	52.4	52.5	52.6	52.6	52.7	52.8	52.9	53.1
≥ 9000	50.0	51.4	51.8	52.0	52.5	52.6	53.0	53.0	53.1	53.3	53.4	53.4	53.5	53.6	53.7	53.9
≥ 8000	51.3	52.8	53.3	53.4	54.1	54.1	54.6	54.6	54.7	54.8	54.9	55.0	55.1	55.1	55.3	55.4
≥ 7000	52.5	54.1	54.6	54.8	55.4	55.5	55.9	56.0	56.1	56.2	56.3	56.3	56.4	56.5	56.6	56.8
≥ 6000	53.8	55.5	56.0	56.2	56.9	57.0	57.4	57.5	57.6	57.7	57.8	57.9	58.0	58.0	58.1	58.3
≥ 5000	56.5	58.5	59.1	59.4	60.1	60.2	60.7	60.8	60.9	61.0	61.1	61.2	61.3	61.4	61.5	61.7
≥ 4500	57.6	59.6	60.3	60.6	61.4	61.5	62.0	62.1	62.2	62.3	62.4	62.4	62.6	62.7	62.8	63.0
≥ 4000	60.1	62.5	63.3	63.7	64.6	64.7	65.2	65.3	65.4	65.5	65.6	65.7	65.8	65.9	66.0	66.2
≥ 3500	61.6	64.1	64.9	65.3	66.2	66.3	66.8	66.9	67.0	67.1	67.2	67.3	67.4	67.5	67.6	67.8
≥ 3000	64.6	67.3	68.3	68.8	69.8	69.9	70.4	70.5	70.7	70.8	70.9	70.9	71.0	71.1	71.3	71.5
≥ 2500	67.7	70.8	71.9	72.4	73.5	73.6	74.2	74.3	74.4	74.5	74.6	74.7	74.8	74.9	75.0	75.2
≥ 2000	70.3	73.6	74.7	75.3	76.4	76.5	77.1	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0	78.2
≥ 1800	70.9	74.2	75.4	76.0	77.1	77.3	77.9	78.0	78.1	78.3	78.4	78.4	78.5	78.6	78.7	78.9
≥ 1500	72.8	76.4	77.8	78.4	79.6	79.7	80.4	80.5	80.6	80.8	80.9	80.9	81.0	81.1	81.2	81.4
≥ 1200	74.1	78.1	79.5	80.3	81.6	81.8	82.5	82.6	82.8	82.9	83.0	83.0	83.1	83.2	83.4	83.6
≥ 1000	75.3	79.5	80.9	81.8	83.4	83.7	84.4	84.6	84.7	84.9	85.0	85.0	85.1	85.2	85.3	85.5
≥ 900	75.7	80.1	81.5	82.5	84.2	84.5	85.3	85.5	85.6	85.7	85.8	85.9	86.0	86.1	86.2	86.4
≥ 800	76.2	80.7	82.3	83.4	85.1	85.5	86.3	86.4	86.6	86.7	86.8	86.9	87.0	87.1	87.2	87.4
≥ 700	76.4	81.3	83.0	84.2	86.3	86.6	87.5	87.7	87.9	88.0	88.1	88.1	88.3	88.4	88.5	88.7
≥ 600	76.6	81.8	83.7	85.1	87.6	88.0	89.0	89.2	89.4	89.5	89.6	89.7	89.8	89.9	90.0	90.2
≥ 500	76.8	82.2	84.3	85.9	89.0	89.6	91.1	91.4	91.7	91.9	92.0	92.0	92.1	92.2	92.4	92.6
≥ 400	77.3	82.6	84.9	86.5	89.9	90.6	92.4	93.1	93.4	93.9	94.0	94.1	94.2	94.3	94.4	94.6
≥ 300	77.1	82.7	85.0	86.7	90.4	91.2	93.4	94.4	95.0	95.7	96.1	96.2	96.3	96.5	96.6	96.8
≥ 200	77.1	82.7	85.1	86.8	90.7	91.5	93.7	94.9	95.6	96.5	97.3	97.4	98.0	98.3	98.5	98.8
≥ 100	77.1	82.7	85.1	86.8	90.7	91.5	93.8	94.9	95.6	96.5	97.4	97.5	98.3	98.6	99.1	99.9
≥ 0	77.1	82.7	85.1	86.8	90.7	91.5	93.8	94.9	95.6	96.5	97.4	97.5	98.3	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 7197

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-78 YEARS | OCT 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	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	38.9	39.6	39.9	40.3	41.2	41.2	41.3	41.3	41.4	41.4	41.6	41.6	41.9	42.0	42.3	42.6
≥ 20000	42.8	43.4	44.0	44.4	45.3	45.3	45.4	45.4	45.5	45.5	45.7	45.7	46.0	46.1	46.5	46.8
≥ 18000	43.1	43.8	44.4	44.8	45.7	45.7	45.8	45.8	45.9	45.9	46.1	46.1	46.5	46.6	46.9	47.2
≥ 16000	43.2	43.9	44.5	44.9	45.8	45.8	45.9	45.9	46.0	46.0	46.2	46.2	46.6	46.7	47.0	47.3
≥ 14000	43.8	44.7	45.4	45.8	46.7	46.7	46.8	46.8	46.9	46.9	47.1	47.1	47.4	47.5	47.8	48.2
≥ 12000	44.6	45.8	46.5	46.9	48.0	48.1	48.2	48.2	48.3	48.3	48.5	48.5	48.8	48.9	49.2	49.6
≥ 10000	46.9	48.4	49.0	49.5	50.9	51.0	51.1	51.1	51.2	51.3	51.5	51.5	51.8	51.9	52.3	52.6
≥ 9000	47.7	49.5	50.1	50.5	51.9	52.0	52.2	52.2	52.3	52.4	52.6	52.6	52.9	53.0	53.3	53.7
≥ 8000	48.7	50.8	51.4	51.8	53.2	53.3	53.4	53.4	53.5	53.7	53.9	53.9	54.2	54.3	54.6	54.9
≥ 7000	49.	51.7	52.4	52.8	54.2	54.3	54.4	54.4	54.5	54.6	54.8	54.8	55.2	55.3	55.6	55.9
≥ 6000	51.4	53.5	54.2	54.6	56.0	56.1	56.2	56.2	56.3	56.5	56.7	56.7	57.0	57.1	57.4	57.7
≥ 500[illegible]	54.6	57.2	57.8	58.3	59.9	60.1	60.3	60.3	60.4	60.5	60.8	60.8	61.1	61.2	61.5	61.8
≥ 4500	56.5	59.0	59.7	60.1	61.7	61.9	62.2	62.2	62.3	62.4	62.6	62.6	62.9	63.0	63.3	63.7
≥ 4000	59.9	62.9	63.9	64.5	66.3	66.6	66.9	66.9	67.0	67.1	67.3	67.3	67.6	67.7	68.1	68.4
≥ 3500	61.5	64.6	65.6	66.2	68.1	68.3	68.6	68.7	68.8	68.9	69.1	69.1	69.5	69.6	69.9	70.2
3000	65.4	69.0	70.1	70.8	72.3	73.0	73.3	73.4	73.5	73.8	74.0	74.0	74.3	74.4	74.7	75.1
≥ 2500	66.9	70.8	71.8	72.6	74.6	74.8	75.2	75.3	75.4	75.6	75.8	75.8	76.1	76.2	76.6	76.9
≥ 2000	68.6	73.1	74.4	75.2	77.3	77.5	78.0	78.1	78.2	78.4	78.6	78.6	78.9	79.0	79.4	79.7
≥ 1800	68.8	73.4	74.7	75.5	77.8	78.3	78.7	78.8	78.9	79.1	79.4	79.4	79.7	79.8	80.1	80.4
≥ 1500	69.5	74.5	75.9	76.7	79.4	80.0	80.5	81.1	81.2	81.4	81.6	81.6	81.9	82.0	82.4	82.7
≥ 1200	70.1	75.5	77.1	78.0	80.6	81.3	81.8	82.4	82.5	82.7	82.9	82.9	83.2	83.3	83.7	84.0
1000	70.3	75.8	77.7	78.6	81.4	82.0	82.6	83.1	83.3	83.5	83.8	83.8	84.1	84.2	84.5	84.8
≥ 900	70.5	76.0	78.0	78.8	81.6	82.3	82.8	83.3	83.5	83.9	84.1	84.1	84.4	84.5	84.8	85.2
≥ 800	70.9	76.5	78.6	79.5	82.6	83.2	83.9	84.4	84.6	84.9	85.2	85.2	85.5	85.6	85.9	86.2
≥ 700	71.1	76.7	79.0	79.9	83.1	83.8	84.6	85.2	85.4	85.9	86.2	86.3	86.8	87.0	87.3	87.6
≥ 600	71.3	77.1	79.7	80.5	84.3	84.9	85.9	86.5	86.7	87.2	87.5	87.7	88.2	88.4	88.7	89.0
≥ 500	71.5	77.4	80.0	81.4	85.8	86.9	88.1	88.8	89.1	89.7	90.0	90.2	90.6	90.9	91.2	91.5
≥ 400	71.5	77.4	80.0	81.5	86.8	87.8	89.1	90.4	90.9	91.5	91.8	92.0	92.5	92.7	93.0	93.3
≥ 300	71.5	77.4	80.0	81.5	86.8	87.8	89.6	91.0	91.5	92.4	92.7	92.9	93.7	93.9	94.4	94.7
≥ 200	71.5	77.5	80.1	81.6	87.0	88.1	90.0	92.0	92.9	94.0	94.3	94.7	95.8	96.0	96.8	97.2
≥ 100	71.5	77.5	80.1	81.6	87.0	88.1	90.0	92.0	92.9	94.0	94.4	94.8	95.9	96.3	97.8	99.9
0	71.5	77.5	80.1	81.6	87.0	88.1	90.0	92.0	92.9	94.0	94.4	94.8	95.9	96.3	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (YEARS) OCT (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	≥1¼	≥1	≥⅞	≥⅝	≥½	≥0
NO CEILING	35.8	36.7	37.2	38.0	39.0	39.1	39.2	39.2	39.3	39.4	39.7	39.7	40.3	40.3	40.7	41.2
≥ 20000	39.5	40.4	41.0	41.8	42.7	42.8	42.9	42.9	43.1	43.2	43.5	43.5	44.0	44.0	44.5	45.0
≥ 18000	39.9	40.8	41.4	42.2	43.2	43.3	43.4	43.4	43.5	43.6	43.9	43.9	44.5	44.5	44.9	45.4
≥ 16000	39.9	40.8	41.4	42.2	43.2	43.3	43.4	43.4	43.5	43.6	43.9	43.9	44.5	44.5	44.9	45.4
≥ 14000	40.5	41.3	42.0	42.7	43.7	43.8	43.9	43.9	44.0	44.1	44.5	44.5	45.0	45.0	45.4	46.0
≥ 12000	41.9	42.8	43.5	44.2	45.3	45.4	45.5	45.5	45.6	45.7	46.1	46.1	46.6	46.6	47.0	47.7
≥ 10000	44.0	45.3	46.0	46.7	47.9	48.0	48.1	48.2	48.3	48.4	48.8	48.8	49.5	49.5	49.9	50.6
≥ 9000	44.0	45.7	46.4	47.1	48.3	48.4	48.5	48.7	48.8	48.9	49.2	49.2	49.9	49.9	50.4	51.0
≥ 8000	44.6	46.5	47.1	48.0	49.2	49.3	49.4	49.5	49.6	49.7	50.1	50.1	50.8	50.8	51.2	51.9
≥ 7000	45.4	47.5	48.3	49.2	50.4	50.5	50.6	50.7	50.9	51.0	51.3	51.3	52.1	52.1	52.5	53.2
≥ 6000	47.8	49.8	50.8	51.7	52.9	53.0	53.1	53.2	53.4	53.5	53.8	53.8	54.6	54.6	55.0	55.7
≥ 5000	51.1	53.4	54.5	55.3	56.8	57.1	57.2	57.4	57.6	57.8	58.1	58.1	58.9	58.9	59.3	60.0
≥ 4500	52.7	55.2	56.3	57.2	58.7	58.9	59.0	59.2	59.4	59.6	60.0	60.0	60.7	60.7	61.1	61.8
≥ 4000	56.4	60.0	61.1	62.2	63.9	64.3	64.4	64.6	64.8	65.0	65.3	65.3	66.2	66.2	66.6	67.3
≥ 3500	58.3	62.0	63.2	64.3	66.0	66.3	66.4	66.6	66.8	67.1	67.4	67.4	68.2	68.2	68.7	69.3
≥ 3000	61.2	65.0	66.3	67.4	69.3	69.6	69.8	70.1	70.3	70.5	70.8	70.8	71.7	71.7	72.1	72.8
≥ 2500	63.2	67.0	68.4	69.4	71.4	71.7	71.8	72.1	72.3	72.6	72.9	72.9	73.7	73.7	74.2	74.8
≥ 2000	65.0	68.9	70.5	71.6	73.6	74.1	74.3	74.6	74.8	75.0	75.3	75.3	76.2	76.2	76.6	77.3
≥ 1800	65.4	69.3	70.9	72.0	74.1	74.5	74.7	75.0	75.2	75.5	75.8	75.8	76.6	76.6	77.1	77.7
≥ 1500	66.4	71.0	73.0	74.1	76.3	76.9	77.2	77.5	78.0	78.3	78.6	78.6	79.4	79.4	79.9	80.5
≥ 1200	67.3	72.1	74.5	75.7	78.1	78.7	79.1	79.4	80.0	80.2	80.6	80.6	81.5	81.5	81.9	82.6
≥ 1000	68.0	73.0	75.5	76.6	79.2	79.8	80.3	80.6	81.3	81.7	82.2	82.2	83.1	83.1	83.5	84.2
≥ 900	68.6	73.5	76.1	77.3	79.9	80.5	81.1	81.4	82.0	82.5	83.0	83.0	83.9	83.9	84.3	84.9
≥ 800	68.9	74.1	77.1	78.3	80.9	81.6	82.1	82.5	83.1	83.5	84.1	84.1	84.9	84.9	85.4	86.0
≥ 700	69.1	74.3	77.4	78.6	81.4	82.0	82.7	83.0	83.6	84.4	84.9	84.9	85.8	85.8	86.2	86.9
≥ 600	69.5	74.7	77.9	79.1	82.0	82.9	83.7	84.2	84.8	85.6	86.1	86.1	87.1	87.1	87.5	88.2
≥ 500	69.6	74.9	78.3	79.9	83.2	84.2	85.0	85.6	86.2	87.0	87.5	87.5	88.5	88.5	88.9	89.6
≥ 400	69.6	74.9	78.3	80.0	84.0	85.4	86.5	87.8	88.6	89.3	90.1	90.1	91.1	91.1	91.5	92.1
≥ 300	69.6	74.9	78.4	80.1	84.3	85.9	87.6	89.6	90.7	91.6	92.5	92.6	93.8	93.8	94.3	94.9
≥ 200	69.6	74.9	78.4	80.2	84.4	86.1	88.1	90.4	91.6	92.5	93.5	93.6	95.0	95.2	96.0	96.9
≥ 100	69.6	74.9	78.4	80.2	84.4	86.2	88.2	90.5	91.7	92.6	93.8	94.0	95.5	95.6	97.1	99.8
≥ 0	69.6	74.9	78.4	80.2	84.4	86.2	88.2	90.5	91.7	92.6	93.8	94.0	95.5	95.6	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | OCT 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	27.7	28.9	29.8	30.3	31.5	31.5	31.5	31.8	32.2	32.5	32.7	32.7	33.0	33.3	33.3	33.8
≥ 20000	31.0	32.3	33.2	33.9	35.2	35.2	35.2	35.5	35.8	36.1	36.3	36.3	36.7	37.0	37.0	37.4
≥ 18000	31.1	32.4	33.3	34.0	35.3	35.3	35.3	35.6	35.9	36.2	36.5	36.5	36.8	37.1	37.1	37.5
≥ 15000	31.3	32.6	33.5	34.2	35.6	35.6	35.6	35.9	36.2	36.6	36.8	36.8	37.2	37.5	37.5	38.0
≥ 14000	31.8	33.1	34.1	34.7	36.1	36.1	36.1	36.5	36.8	37.1	37.3	37.3	37.7	38.1	38.1	38.6
≥ 12000	33.1	34.5	35.5	36.1	37.5	37.5	37.5	37.8	38.2	38.5	38.8	38.8	39.2	39.6	39.6	40.2
≥ 10000	36.1	37.7	38.7	39.5	40.9	40.9	40.9	41.3	41.6	41.9	42.3	42.3	42.7	43.0	43.0	43.7
≥ 9000	36.3	38.2	39.1	39.9	41.4	41.4	41.4	41.8	42.2	42.5	42.8	42.8	43.2	43.5	43.5	44.2
≥ 8000	37.8	39.7	40.6	41.4	42.9	42.9	42.9	43.3	43.7	44.0	44.5	44.5	44.9	45.3	45.3	45.9
≥ 7000	38.6	40.5	41.5	42.4	44.0	44.0	44.0	44.4	44.7	45.1	45.7	45.7	46.1	46.5	46.5	47.1
≥ 6000	40.6	42.8	43.9	44.7	46.3	46.3	46.3	46.8	47.1	47.4	48.1	48.1	48.6	48.9	48.9	49.6
≥ 5000	45.1	47.4	48.7	49.6	51.4	51.5	51.8	52.3	52.6	52.9	53.5	53.5	54.1	54.4	54.4	55.1
≥ 4500	46.6	48.9	50.2	51.2	53.2	53.3	53.7	54.1	54.4	54.7	55.4	55.4	55.9	56.2	56.2	56.9
≥ 4000	50.0	52.9	54.3	55.3	57.5	57.6	58.0	58.4	58.8	59.1	59.8	59.8	60.3	60.6	60.6	61.3
≥ 3500	51.2	54.3	55.7	56.7	59.0	59.1	59.5	60.0	60.4	60.8	61.4	61.4	61.9	62.3	62.3	62.9
≥ 3000	55.3	58.9	60.8	62.0	64.6	64.7	65.1	65.6	66.0	66.3	67.0	67.0	67.6	68.0	68.0	68.6
≥ 2500	57.7	61.6	63.5	64.8	67.5	67.6	68.1	68.6	69.0	69.4	70.1	70.1	70.8	71.1	71.1	71.7
≥ 2000	59.1	63.1	65.1	66.5	69.1	69.2	69.8	70.3	70.8	71.1	71.8	71.8	72.5	72.8	72.9	73.5
≥ 1800	59.6	63.7	65.6	67.0	69.8	69.9	70.4	71.0	71.4	71.7	72.5	72.5	73.1	73.4	73.5	74.2
≥ 1500	61.2	66.0	68.2	69.7	72.8	73.0	73.7	74.2	74.6	74.9	75.7	75.7	76.3	76.7	76.8	77.4
≥ 1200	62.6	68.0	70.1	71.8	75.2	75.5	76.1	76.7	77.1	77.4	78.2	78.2	78.8	79.1	79.2	79.9
≥ 1000	63.4	68.9	71.1	72.9	76.2	76.6	77.2	77.7	78.2	78.5	79.2	79.2	80.0	80.3	80.4	81.1
≥ 900	64.0	69.6	71.7	73.5	76.9	77.3	78.0	78.5	78.9	79.4	80.1	80.1	80.9	81.2	81.3	81.9
≥ 800	64.7	70.3	72.7	74.5	78.1	78.5	79.1	79.7	80.1	80.5	81.3	81.3	82.0	82.4	82.5	83.1
≥ 700	65.3	71.2	73.5	75.5	79.5	79.9	80.6	81.2	81.6	82.0	82.9	82.9	83.7	84.0	84.1	84.7
≥ 600	65.5	71.7	74.2	76.3	80.5	81.1	81.8	82.4	82.8	83.2	84.1	84.1	84.9	85.3	85.4	86.0
≥ 500	65.5	71.8	74.9	77.5	82.3	83.2	84.2	85.1	85.6	86.1	87.0	87.0	88.1	88.4	88.5	89.2
≥ 400	65.5	71.9	75.1	77.8	82.7	83.8	85.3	86.3	86.9	87.4	88.3	88.3	89.6	89.9	90.0	90.8
≥ 300	65.6	72.2	75.3	78.2	83.4	84.5	86.3	87.7	88.6	89.2	90.4	90.4	91.9	92.3	92.5	93.7
≥ 200	65.6	72.2	75.3	78.3	83.7	84.8	87.1	88.7	89.9	90.9	92.9	93.0	94.9	95.4	95.9	97.4
≥ 100	65.6	72.2	75.3	78.3	83.7	84.8	87.1	88.7	89.9	90.9	93.1	93.2	95.2	95.7	96.8	99.7
0	65.6	72.2	75.3	78.3	83.7	84.8	87.1	88.7	89.9	90.9	93.1	93.2	95.2	95.7	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/16	≥¼	≥0
NO CEILING	25.4	27.1	27.7	28.0	28.2	28.2	28.3	28.4	28.4	28.4	28.5	28.5	28.6	28.6	28.8	28.8
≥ 20000	27.8	29.8	30.4	30.6	30.9	30.9	31.0	31.1	31.1	31.1	31.2	31.2	31.3	31.3	31.5	31.5
≥ 18000	28.6	30.5	31.2	31.4	31.6	31.6	31.7	31.8	31.8	31.8	31.9	31.9	32.0	32.0	32.3	32.3
≥ 16000	29.0	31.0	31.6	31.8	32.0	32.0	32.2	32.3	32.3	32.3	32.4	32.4	32.5	32.5	32.7	32.7
≥ 14000	30.0	32.0	32.8	33.0	33.2	33.2	33.3	33.4	33.4	33.4	33.5	33.5	33.7	33.7	33.9	33.9
≥ 12000	30.9	32.9	33.7	33.9	34.1	34.1	34.2	34.3	34.3	34.3	34.4	34.4	34.5	34.5	34.7	34.7
≥ 10000	34.3	36.5	37.3	37.6	37.8	38.0	38.1	38.2	38.2	38.2	38.3	38.3	38.4	38.4	38.6	38.7
≥ 9000	35.3	37.4	38.3	38.6	38.8	38.9	39.0	39.1	39.1	39.1	39.2	39.2	39.4	39.4	39.6	39.7
≥ 8000	37.1	39.2	40.1	40.4	40.6	40.8	40.9	41.0	41.0	41.0	41.1	41.1	41.2	41.2	41.4	41.5
≥ 7000	39.0	41.3	42.3	42.6	42.8	43.0	43.2	43.3	43.4	43.4	43.5	43.5	43.7	43.7	43.9	44.0
≥ 6000	40.3	42.8	43.9	44.4	44.7	44.9	45.3	45.4	45.6	45.6	45.7	45.7	45.8	45.8	46.0	46.1
≥ 5000	42.5	45.3	46.3	47.0	47.4	47.7	48.2	48.3	48.5	48.5	48.6	48.6	48.7	48.7	48.9	49.0
≥ 4500	43.5	46.3	47.6	48.4	48.8	49.1	49.7	49.9	50.1	50.1	50.2	50.2	50.3	50.3	50.5	50.6
≥ 4000	46.3	49.5	51.0	51.7	52.3	52.7	53.2	53.5	53.8	53.8	53.9	53.9	54.0	54.0	54.2	54.3
≥ 3500	48.3	51.5	53.0	53.9	54.5	54.9	55.5	55.8	56.0	56.0	56.1	56.1	56.2	56.2	56.5	56.6
≥ 3000	54.0	57.8	59.4	60.3	61.0	61.4	62.0	62.6	62.8	62.8	62.9	62.9	63.0	63.0	63.2	63.3
≥ 2500	57.2	61.2	62.9	63.9	64.5	65.1	65.7	66.2	66.6	66.6	66.7	66.7	66.8	66.8	67.0	67.1
≥ 2000	61.3	65.7	67.4	68.5	69.2	69.8	70.5	71.2	71.6	71.6	71.7	71.7	71.8	71.8	72.0	72.2
≥ 1800	62.2	66.8	68.5	69.6	70.3	70.9	71.6	72.3	72.7	72.7	72.8	72.8	72.9	72.9	73.1	73.2
≥ 1500	64.0	69.1	71.3	72.6	73.4	74.1	74.8	75.6	76.0	76.0	76.2	76.2	76.3	76.3	76.6	76.7
≥ 1200	65.2	70.8	73.0	74.3	75.2	75.8	76.8	77.5	78.1	78.1	78.3	78.3	78.4	78.4	78.6	78.7
≥ 1000	66.2	71.9	74.3	75.7	76.6	77.2	78.5	79.2	79.8	79.8	80.1	80.1	80.2	80.2	80.4	80.5
≥ 900	66.8	73.0	75.4	76.8	77.7	78.4	79.7	80.4	81.0	81.1	81.5	81.5	81.6	81.6	81.8	81.9
≥ 800	67.3	74.2	76.7	78.1	79.2	80.0	81.5	82.5	83.0	83.1	83.5	83.5	83.7	83.7	83.9	84.0
≥ 700	67.6	75.1	77.7	79.2	80.8	81.5	83.2	84.4	84.9	85.1	85.5	85.5	85.6	85.6	85.8	85.9
≥ 600	68.3	76.6	79.5	81.0	82.6	83.4	85.2	86.3	87.0	87.1	87.5	87.5	87.6	87.6	87.8	88.0
≥ 500	68.5	77.0	79.9	81.5	83.4	84.4	86.5	87.8	88.6	89.0	89.6	89.6	89.7	89.7	89.9	90.0
≥ 400	68.5	77.2	80.3	82.4	84.7	86.0	88.8	90.4	91.2	91.9	92.6	92.6	92.8	92.8	93.0	93.1
≥ 300	68.5	77.3	80.4	82.6	85.5	86.9	90.1	91.8	92.8	93.7	94.5	94.6	94.9	95.1	95.3	95.5
≥ 200	68.5	77.3	80.4	82.6	85.6	87.0	90.2	92.2	93.1	94.0	95.8	95.9	96.6	97.4	98.0	98.6
≥ 100	68.5	77.3	80.4	82.6	85.6	87.0	90.2	92.2	93.1	94.0	95.8	95.9	96.7	97.5	98.1	99.8
0	68.5	77.3	80.4	82.6	85.6	87.0	90.2	92.2	93.1	94.0	95.8	95.9	96.7	97.5	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (YEARS) OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥5/8	≥½	≥0
NO CEILING	29.2	29.8	29.8	30.0	30.0	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
≥ 20000	34.3	34.9	34.9	35.3	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 18000	34.9	35.6	35.6	35.9	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 16000	35.3	35.9	35.9	36.2	36.2	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 14000	36.2	36.9	36.9	37.2	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 12000	37.5	38.2	38.2	38.5	38.5	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 10000	40.0	40.8	40.8	41.1	41.1	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 9000	40.6	41.4	41.4	41.7	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 8000	41.3	42.2	42.2	42.5	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 7000	42.6	43.5	43.5	43.9	43.9	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 6000	43.1	44.1	44.2	44.5	44.5	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 5000	45.3	46.6	46.8	47.1	47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 4500	46.3	47.7	48.0	48.3	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 4000	49.6	51.3	51.5	51.9	51.9	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 3500	52.6	54.4	54.6	55.3	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 3000	59.5	61.6	62.0	62.7	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 2500	65.4	67.7	68.2	68.8	68.9	69.2	69.4	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 2000	70.2	72.9	73.3	74.0	74.3	74.6	74.8	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 1800	71.0	74.0	74.4	75.1	75.5	75.8	76.0	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 1500	73.7	78.5	79.2	80.0	80.6	81.0	81.3	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 1 00	75.7	81.2	82.3	83.1	83.9	84.2	84.5	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 100	76.1	82.4	83.9	84.9	86.1	86.6	86.9	87.0	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3
≥ 900	76.8	83.2	84.9	86.2	87.4	87.8	88.2	88.3	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6
≥ 800	77.5	84.3	86.1	87.4	88.8	89.2	89.7	89.9	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2
≥ 700	77.8	84.7	86.7	88.1	89.7	90.2	90.8	91.1	91.2	91.4	91.4	91.6	91.6	91.6	91.6	91.6
≥ 600	78.0	85.4	87.3	88.7	90.4	91.3	91.9	92.3	92.4	92.6	92.7	92.9	92.9	92.9	92.9	92.9
≥ 500	78.3	85.9	87.8	89.5	91.9	92.9	94.1	94.4	94.7	94.9	95.1	95.3	95.3	95.3	95.4	95.4
≥ 400	78.3	86.1	88.2	89.9	92.6	93.8	95.4	95.7	96.0	96.2	96.5	96.7	96.7	96.7	96.8	96.8
≥ 300	78.3	86.1	88.2	90.0	92.8	94.0	95.9	96.6	97.0	97.2	97.5	97.8	98.0	98.0	98.1	98.1
≥ 200	78.3	86.1	88.2	90.0	92.8	94.0	96.0	96.9	97.4	97.8	98.5	99.0	99.7	99.8	99.9	99.9
≥ 100	78.3	86.1	88.2	90.0	92.8	94.0	96.0	96.9	97.4	97.8	98.5	99.0	99.7	99.8	100.0	100.0
≥ 0	78.3	86.1	88.2	90.0	92.8	94.0	96.0	96.9	97.4	97.8	98.5	99.0	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (YEARS) OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥⅝	≥½	≥0
NO CEILING	35.6	36.3	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 20000	40.7	42.0	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 18000	41.2	42.5	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 16000	41.3	42.6	42.6	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
≥ 14000	42.5	43.8	43.8	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 12000	44.3	45.7	45.7	45.7	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 10000	47.3	48.7	48.7	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 9000	47.8	49.2	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 8000	50.1	51.6	51.6	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 7000	51.0	52.5	52.5	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 6000	51.8	53.3	53.3	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 5000	53.6	55.1	55.2	55.2	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 4500	54.3	55.9	56.0	56.0	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 4000	57.4	59.2	59.3	59.3	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 3500	59.6	61.5	61.6	61.6	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 3000	66.1	68.5	68.6	68.6	69.2	69.2	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4
≥ 2500	71.9	74.5	74.6	74.6	75.3	75.3	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7
≥ 2000	75.9	78.8	79.0	79.1	79.9	79.9	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3
≥ 1800	76.5	79.9	80.2	80.3	81.1	81.1	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5
≥ 1500	78.8	82.9	83.4	83.5	84.3	84.3	84.6	84.7	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1200	80.3	84.9	85.5	85.6	86.7	86.7	87.0	87.1	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1000	80.9	85.8	86.5	86.8	88.3	88.3	88.7	88.8	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2
≥ 900	81.4	86.4	87.2	87.5	89.0	89.0	89.5	89.6	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0
≥ 800	81.8	87.0	87.8	88.6	90.1	90.2	90.7	91.1	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5
≥ 700	82.0	87.6	88.7	89.7	91.4	91.6	92.1	92.7	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1
≥ 600	82.1	88.1	89.1	90.4	92.1	92.4	92.9	93.5	93.6	93.9	94.1	94.2	94.2	94.2	94.2	94.2
≥ 500	82.2	88.5	89.7	91.0	93.3	93.5	94.3	95.3	95.4	95.6	96.0	96.1	96.2	96.2	96.2	96.2
≥ 400	82.2	88.5	89.7	91.1	93.6	93.9	94.8	96.2	96.6	96.9	97.5	97.6	97.7	97.7	97.7	97.7
≥ 300	82.2	88.5	89.7	91.1	93.9	94.3	95.4	96.8	97.2	97.5	98.2	98.4	98.5	98.5	98.5	98.5
≥ 200	82.2	88.5	89.7	91.1	94.0	94.4	95.5	96.9	97.4	97.8	98.7	98.9	99.4	99.5	99.6	99.6
≥ 100	82.2	88.6	89.8	91.2	94.1	94.5	95.6	97.0	97.5	98.0	98.8	99.0	99.5	99.6	99.8	100.0
≥ 0	82.2	88.6	89.8	91.2	94.1	94.5	95.6	97.0	97.5	98.0	98.8	99.0	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM NO. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	36.8	37.8	38.0	38.2	38.6	38.6	38.6	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 20000	42.7	44.2	44.8	45.1	45.6	45.6	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 18000	43.2	44.7	45.2	45.5	46.1	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 16000	43.3	44.9	45.4	45.7	46.3	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 14000	44.3	46.0	46.5	46.8	47.4	47.4	47.4	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 12000	45.6	47.5	48.0	48.3	48.9	48.9	48.9	49.0	49.1	49.1	49.1	49.1	49.2	49.2	49.2
≥ 10000	48.4	50.6	51.1	51.5	52.0	52.0	52.0	52.1	52.2	52.2	52.2	52.2	52.3	52.3	52.3
≥ 9000	48.5	50.7	51.2	51.6	52.1	52.1	52.1	52.2	52.3	52.3	52.3	52.3	52.4	52.4	52.4
≥ 8000	51.2	53.9	54.5	54.9	55.5	55.5	55.8	55.9	56.0	56.0	56.0	56.0	56.1	56.1	56.1
≥ 7000	53.0	56.2	56.7	57.2	57.8	57.8	58.0	58.1	58.2	58.2	58.2	58.2	58.3	58.3	58.3
≥ 6000	54.1	57.5	58.0	58.4	59.1	59.1	59.3	59.4	59.5	59.5	59.5	59.5	59.6	59.6	59.6
≥ 5000	56.2	59.5	60.2	60.6	61.2	61.2	61.6	61.7	61.8	61.8	61.8	61.8	61.9	61.9	61.9
≥ 4500	57.5	60.8	61.5	61.9	62.5	62.5	63.0	63.1	63.2	63.2	63.2	63.2	63.3	63.3	63.3
≥ 4000	60.1	63.4	64.0	64.5	65.2	65.2	65.7	65.8	65.9	65.9	65.9	65.9	66.0	66.0	66.0
≥ 3500	61.6	64.9	65.6	66.0	66.7	66.7	67.2	67.3	67.4	67.4	67.4	67.4	67.5	67.5	67.5
≥ 3000	64.7	68.1	69.0	69.4	70.3	70.3	70.8	70.9	71.0	71.0	71.0	71.0	71.2	71.2	71.2
≥ 2500	70.2	74.3	75.1	75.8	76.7	76.7	77.3	77.4	77.5	77.5	77.5	77.5	77.6	77.6	77.6
≥ 2000	72.7	77.7	78.8	79.4	80.4	80.4	80.9	81.1	81.2	81.2	81.2	81.2	81.3	81.3	81.3
≥ 1800	73.5	78.7	79.8	80.4	81.5	81.5	82.0	82.1	82.2	82.2	82.2	82.2	82.3	82.3	82.3
≥ 1500	74.8	80.4	81.5	82.3	83.6	83.6	84.4	84.5	84.6	84.6	84.6	84.6	84.7	84.7	84.7
≥ 200	76.1	82.2	83.6	84.6	86.0	86.1	86.9	87.0	87.1	87.1	87.1	87.1	87.2	87.2	87.2
≥ 000	76.4	83.1	84.7	85.7	87.1	87.2	88.1	88.2	88.3	88.3	88.3	88.3	88.4	88.4	88.4
≥ 900	76.5	83.5	85.4	86.3	87.7	87.8	88.7	88.8	88.9	88.9	88.9	88.9	89.0	89.0	89.0
≥ 800	77.2	84.3	86.1	87.1	88.6	88.7	89.6	90.2	90.3	90.4	90.4	90.4	90.5	90.5	90.5
≥ 700	77.3	84.4	86.3	87.4	89.1	89.2	90.6	91.3	91.4	91.6	91.6	91.6	91.8	91.8	91.8
≥ 600	77.4	84.7	86.7	87.9	89.7	89.8	91.2	91.9	92.0	92.2	92.2	92.2	92.5	92.5	92.5
≥ 500	77.6	85.0	87.1	88.4	90.7	91.0	92.6	93.5	93.6	94.0	94.0	94.0	94.3	94.3	94.4
≥ 400	77.6	85.1	87.3	88.9	91.4	91.6	93.4	94.6	94.9	95.4	95.4	95.6	95.9	95.9	96.0
≥ 300	77.6	85.1	87.3	88.9	91.4	91.8	93.8	95.3	95.7	96.1	96.4	96.8	97.1	97.1	97.2
≥ 200	77.6	85.1	87.3	88.9	91.4	91.8	93.9	95.6	96.1	96.7	97.0	97.4	98.3	98.4	98.6
≥ 100	77.6	85.1	87.3	88.9	91.4	91.8	93.9	95.6	96.1	96.7	97.0	97.4	98.4	98.5	98.6	99.9
0	77.6	85.1	87.3	88.9	91.4	91.8	93.9	95.6	96.1	96.7	97.0	97.4	98.4	98.5	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	37.4	38.4	38.9	39.2	39.7	40.0	40.1	40.3	40.4	40.4	40.5	40.5	40.5	40.5	40.6	40.6
≥ 20000	41.1	42.2	42.7	43.2	43.7	44.0	44.1	44.3	44.4	44.4	44.5	44.5	44.5	44.5	44.6	44.6
≥ 18000	41.6	42.7	43.3	44.0	44.4	44.7	44.8	45.1	45.2	45.2	45.3	45.3	45.3	45.3	45.4	45.4
≥ 16000	42.0	43.1	43.8	44.4	44.8	45.2	45.3	45.5	45.6	45.6	45.7	45.7	45.7	45.7	45.8	45.8
≥ 14000	43.0	44.1	44.7	45.4	45.8	46.1	46.2	46.5	46.6	46.6	46.7	46.7	46.7	46.7	46.8	46.8
≥ 12000	43.5	44.7	45.4	46.0	46.8	47.1	47.2	47.4	47.5	47.5	47.6	47.6	47.6	47.6	47.7	47.7
≥ 10000	45.6	47.3	48.1	48.7	49.8	50.1	50.2	50.4	50.5	50.5	50.6	50.6	50.6	50.6	50.8	50.8
≥ 9000	46.2	48.0	48.8	49.5	50.5	50.9	51.0	51.2	51.3	51.3	51.4	51.4	51.4	51.4	51.5	51.5
≥ 8000	48.0	49.9	50.8	51.4	52.5	52.8	52.9	53.1	53.2	53.2	53.3	53.3	53.3	53.3	53.4	53.4
≥ 7000	49.6	51.9	52.8	53.4	54.5	54.8	54.9	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.5	55.5
≥ 6000	51.0	53.7	54.6	55.3	56.3	56.7	56.8	57.0	57.1	57.1	57.2	57.2	57.2	57.2	57.3	57.3
≥ 5000	54.7	57.7	58.7	59.4	60.5	60.9	61.0	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.6	61.6
≥ 4500	55.8	58.8	59.8	60.4	61.6	61.9	62.0	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.8	62.8
≥ 4000	59.4	62.6	63.5	64.3	65.7	66.0	66.2	66.7	66.8	66.8	66.9	66.9	66.9	66.9	67.0	67.0
≥ 3500	60.6	63.9	64.8	65.6	67.0	67.3	67.5	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.3	68.3
≥ 3000	63.1	66.5	67.8	68.7	70.4	70.8	71.0	71.4	71.5	71.6	71.7	71.7	71.7	71.7	71.8	71.8
≥ 2500	65.7	69.0	70.4	71.3	73.0	73.3	73.7	74.1	74.2	74.3	74.4	74.4	74.4	74.4	74.5	74.5
≥ 2000	67.7	71.7	73.4	74.3	76.0	76.3	76.8	77.2	77.3	77.4	77.5	77.5	77.5	77.5	77.6	77.6
≥ 1800	68.0	71.9	73.7	74.5	76.3	76.7	77.1	77.5	77.6	77.7	77.8	77.8	77.8	77.8	78.0	78.0
≥ 1500	70.0	74.4	76.5	77.5	79.7	80.1	80.5	81.0	81.1	81.2	81.3	81.3	81.3	81.3	81.4	81.4
≥ 1200	70.8	75.4	77.5	78.6	80.8	81.2	81.6	82.2	82.3	82.4	82.5	82.5	82.5	82.5	82.6	82.6
≥ 1000	71.3	76.2	78.5	79.9	82.3	82.7	83.2	83.8	83.9	84.0	84.2	84.2	84.2	84.2	84.3	84.3
≥ 900	71.8	77.0	79.4	80.8	83.3	83.8	84.3	84.8	85.1	85.3	85.5	85.5	85.5	85.5	85.5	85.6
≥ 800	72.5	77.7	80.2	81.6	84.5	84.9	85.7	86.2	86.5	86.7	87.0	87.0	87.1	87.1	87.2	87.2
≥ 700	72.5	77.8	80.5	82.0	85.4	85.8	86.9	87.7	88.0	88.3	88.6	88.6	88.7	88.7	88.8	88.8
≥ 600	72.5	78.1	80.9	82.5	86.3	86.8	87.8	88.7	88.9	89.2	89.6	89.6	89.7	89.7	89.8	89.8
≥ 500	72.6	78.2	81.1	82.8	87.0	87.5	89.0	90.2	90.4	90.9	91.4	91.4	91.5	91.5	91.6	91.7
≥ 400	72.6	78.6	81.5	83.2	87.7	88.4	90.0	91.5	91.9	92.6	93.1	93.1	93.2	93.2	93.3	93.4
≥ 300	72.6	78.7	81.6	83.3	87.8	88.7	91.3	93.3	94.1	94.8	95.5	95.6	95.7	95.7	95.9	96.0
≥ 200	72.6	78.7	81.6	83.3	87.8	88.7	91.5	93.5	94.4	95.4	96.5	96.6	96.9	96.9	97.4	97.7
≥ 100	72.6	78.7	81.6	83.3	87.8	88.9	91.7	93.8	94.6	95.7	96.9	97.1	97.4	97.5	98.6	100.0
≥ 0	72.6	78.7	81.6	83.3	87.8	88.9	91.7	93.8	94.6	95.7	96.9	97.1	97.4	97.5	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 69-78 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥½	≥¼	≥0
NO CEILING	33.4	34.3	34.7	35.0	35.6	35.6	35.7	35.8	35.9	35.9	36.0	36.0	36.2	36.3	36.4	36.5
≥ 20000	37.5	38.6	39.1	39.5	40.1	40.2	40.2	40.3	40.4	40.4	40.6	40.6	40.7	40.8	40.9	41.1
≥ 18000	38.0	39.1	39.6	40.0	40.6	40.7	40.7	40.8	40.9	41.0	41.1	41.1	41.2	41.3	41.4	41.6
≥ 16000	38.2	39.3	39.9	40.3	40.8	40.9	41.0	41.1	41.1	41.2	41.3	41.3	41.5	41.5	41.7	41.8
≥ 14000	39.0	40.2	40.8	41.2	41.8	41.8	41.9	42.0	42.1	42.1	42.3	42.3	42.4	42.5	42.6	42.8
≥ 12000	40.2	41.5	42.0	42.5	43.1	43.2	43.3	43.4	43.5	43.5	43.6	43.6	43.6	43.9	44.0	44.2
≥ 10000	42.8	44.4	45.0	45.4	46.1	46.3	46.3	46.4	46.5	46.6	46.7	46.7	46.9	47.0	47.1	47.3
≥ 9000	43.3	45.0	45.6	46.0	46.8	46.9	46.9	47.1	47.2	47.2	47.4	47.4	47.6	47.6	47.8	48.0
≥ 8000	44.8	46.7	47.3	47.7	48.5	48.6	48.7	48.8	48.9	49.0	49.2	49.2	49.4	49.4	49.6	49.8
≥ 7000	46.1	48.2	48.8	49.2	50.0	50.2	50.3	50.4	50.5	50.6	50.7	50.7	51.0	51.0	51.1	51.4
≥ 6000	47.5	49.7	50.4	50.9	51.7	51.8	51.9	52.0	52.2	52.2	52.4	52.4	52.6	52.7	52.8	53.0
≥ 5000	50.4	52.8	53.5	54.1	55.0	55.2	55.4	55.5	55.7	55.7	55.9	55.9	56.1	56.2	56.3	56.5
≥ 4500	51.6	54.1	54.9	55.4	56.4	56.6	56.8	57.0	57.1	57.2	57.4	57.4	57.6	57.6	57.8	58.0
≥ 4000	54.9	57.7	58.6	59.2	60.3	60.5	60.8	61.0	61.1	61.2	61.4	61.4	61.6	61.7	61.5	62.0
≥ 3500	56.7	59.6	60.5	61.2	62.3	62.5	62.8	63.0	63.2	63.2	63.4	63.4	63.7	63.7	63.8	64.1
≥ 3000	61.2	64.4	65.5	66.2	67.6	67.8	68.1	68.3	68.5	68.6	68.8	68.8	69.0	69.1	69.2	69.4
≥ 2500	64.8	68.3	69.4	70.1	71.5	71.7	72.1	72.3	72.5	72.6	72.8	72.8	73.1	73.1	73.3	73.5
≥ 2000	67.6	71.5	72.7	73.6	75.0	75.2	75.7	75.9	76.1	76.3	76.5	76.5	76.7	76.8	76.9	77.1
≥ 1800	68.1	72.2	73.5	74.3	75.8	76.1	76.5	76.8	77.0	77.1	77.3	77.3	77.5	77.6	77.7	78.0
≥ 1500	69.8	74.6	76.1	77.0	78.8	79.1	79.6	80.0	80.2	80.4	80.6	80.6	80.8	80.9	81.0	81.3
≥ 1200	71.0	76.3	77.9	79.0	80.8	81.2	81.7	82.1	82.4	82.5	82.7	82.7	83.0	83.0	83.2	83.4
≥ 1000	71.6	77.1	79.0	80.1	82.1	82.5	83.2	83.6	83.8	84.0	84.3	84.3	84.6	84.6	84.8	85.0
≥ 900	72.0	77.8	79.7	80.9	83.0	83.4	84.0	84.4	84.7	84.9	85.2	85.2	85.5	85.5	85.7	85.9
≥ 800	72.6	78.5	80.7	81.9	84.1	84.6	85.3	85.8	86.1	86.3	86.6	86.6	86.9	87.0	87.1	87.3
≥ 700	72.8	79.0	81.2	82.5	85.0	85.5	86.4	87.1	87.4	87.7	88.0	88.1	88.4	88.4	88.6	88.8
≥ 600	73.1	79.5	81.9	83.3	86.0	86.6	87.6	88.2	88.5	88.9	89.2	89.3	89.6	89.7	89.8	90.1
≥ 500	73.2	79.8	82.3	84.0	87.2	88.0	89.2	90.1	90.5	90.9	91.3	91.4	91.8	91.8	92.0	92.3
≥ 400	73.2	80.0	82.5	84.3	87.9	88.8	90.4	91.6	92.1	92.7	93.2	93.2	93.7	93.7	93.9	94.2
≥ 300	73.2	80.0	82.6	84.5	88.2	89.2	91.2	92.8	93.5	94.1	94.7	94.9	95.4	95.5	95.8	96.1
≥ 200	73.2	80.0	82.6	84.5	88.3	89.4	91.5	93.3	94.1	94.9	95.9	96.2	97.1	97.3	97.8	98.2
≥ 100	73.2	80.1	82.6	84.5	88.3	89.4	91.6	93.3	94.2	94.9	96.0	96.3	97.3	97.6	98.3	99.9
≥ 0	73.2	80.1	82.6	84.5	88.3	89.4	91.6	93.3	94.2	94.9	96.0	96.3	97.3	97.6	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7437

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥¼	≥0
NO CEILING	28.0	29.3	30.2	30.2	30.6	30.6	30.7	30.7	30.8	30.8	30.9	30.9	31.2	31.2	31.2	31.4
≥ 20000	29.9	31.2	32.1	32.1	32.4	32.4	32.6	32.6	32.7	32.7	32.9	32.9	33.2	33.2	33.2	33.4
≥ 18000	30.0	31.3	32.2	32.2	32.6	32.6	32.7	32.7	32.8	32.8	33.0	33.0	33.3	33.3	33.3	33.6
≥ 16000	30.1	31.4	32.3	32.3	32.7	32.7	32.8	32.8	32.9	32.9	33.1	33.1	33.4	33.4	33.4	33.7
≥ 14000	30.1	31.4	32.3	32.3	32.7	32.7	32.8	32.8	32.9	32.9	33.1	33.1	33.4	33.4	33.4	33.7
≥ 12000	31.4	32.8	33.7	33.7	34.0	34.0	34.1	34.1	34.2	34.2	34.4	34.4	34.8	34.8	34.8	35.0
≥ 10000	32.1	33.4	34.3	34.3	34.7	34.7	34.8	34.8	34.9	34.9	35.1	35.1	35.4	35.4	35.4	35.7
≥ 9000	32.3	33.7	34.6	34.6	34.9	34.9	35.0	35.0	35.1	35.1	35.3	35.3	35.7	35.7	35.7	35.9
≥ 8000	33.8	35.2	36.1	36.2	36.7	36.7	36.8	36.8	36.9	36.9	37.1	37.1	37.4	37.4	37.4	37.7
≥ 7000	34.8	36.2	37.1	37.2	37.7	37.7	37.8	37.8	37.9	37.9	38.1	38.1	38.4	38.4	38.4	38.7
≥ 6000	35.6	37.1	38.0	38.1	39.0	39.0	39.1	39.1	39.2	39.2	39.4	39.4	39.8	39.8	39.8	40.0
≥ 5000	38.6	40.3	41.3	41.4	42.4	42.4	42.6	42.6	42.7	42.7	42.9	42.9	43.2	43.2	43.2	43.4
≥ 4500	40.7	42.6	43.7	43.8	44.8	44.8	44.9	44.9	45.0	45.0	45.2	45.2	45.6	45.6	45.6	45.8
≥ 4000	43.3	45.8	46.9	47.0	48.3	48.3	48.4	48.4	48.6	48.6	48.8	48.8	49.1	49.1	49.1	49.3
≥ 3500	44.7	47.1	48.2	48.4	49.8	49.8	49.9	50.0	50.1	50.1	50.3	50.3	50.7	50.7	50.7	50.9
≥ 3000	49.2	51.9	53.1	53.6	55.6	55.6	55.8	55.9	56.1	56.1	56.3	56.3	56.7	56.7	56.7	56.9
≥ 2500	53.8	56.9	58.4	59.3	61.8	61.9	62.1	62.2	62.4	62.4	62.7	62.7	63.0	63.0	63.0	63.2
≥ 2000	58.0	61.3	63.2	64.2	66.8	67.1	68.1	68.2	68.4	68.4	68.7	68.7	69.0	69.0	69.0	69.2
≥ 1800	59.2	62.7	64.6	65.6	68.1	68.4	69.4	69.6	69.8	69.8	70.0	70.0	70.3	70.3	70.3	70.6
≥ 1500	62.6	66.6	68.8	69.9	72.7	73.0	74.3	74.7	74.9	74.9	75.2	75.2	75.6	75.6	75.6	75.8
≥ 1200	64.4	68.6	70.9	72.3	75.6	75.9	77.7	78.0	78.3	78.6	78.9	78.9	79.2	79.2	79.2	79.4
≥ 1000	65.1	69.6	71.9	73.8	77.4	77.8	79.7	80.1	80.9	81.1	81.4	81.4	81.8	81.8	81.8	82.0
≥ 900	65.7	70.1	72.6	74.4	78.2	78.6	80.4	80.9	81.7	82.1	82.4	82.4	82.8	82.8	82.8	83.0
≥ 800	66.0	70.7	73.1	75.0	79.2	79.6	81.4	82.3	83.2	83.7	84.3	84.3	84.7	84.7	84.7	84.9
≥ 700	66.3	71.2	73.7	75.6	80.0	80.4	82.4	83.3	84.2	84.8	85.6	85.6	85.9	85.9	85.9	86.1
≥ 600	66.4	71.6	74.2	76.2	80.8	81.4	83.7	84.7	85.6	86.4	87.2	87.2	87.7	87.7	87.7	87.9
≥ 500	66.7	72.2	75.0	77.0	81.7	82.7	85.2	86.3	87.2	88.3	89.1	89.1	89.9	90.0	90.0	90.2
≥ 400	66.8	72.3	75.2	77.2	82.1	83.3	86.3	87.4	88.4	89.6	90.3	90.3	91.1	91.3	91.4	91.7
≥ 300	66.8	72.3	75.2	77.7	82.7	84.0	87.4	89.1	90.3	91.9	93.2	93.2	94.3	94.6	94.7	95.2
≥ 200	66.8	72.3	75.2	77.7	82.7	84.0	87.6	89.2	90.9	92.8	94.4	94.6	96.1	96.4	96.6	97.1
≥ 100	66.8	72.3	75.2	77.7	82.7	84.0	87.6	89.3	91.0	93.1	94.9	95.0	97.1	97.7	98.0	99.3
0	66.8	72.3	75.2	77.7	82.7	84.0	87.6	89.3	91.0	93.1	95.0	95.1	97.2	97.8	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 09-78 (YEARS) NOV (MONTHS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (GMT)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	⅞	≥⅝	≥½	≥¼	0
NO CEILING	28.6	29.2	30.1	30.4	30.7	30.7	30.8	31.1	31.1	31.2	31.4	31.4	31.7	31.7	31.8	31.8
≥ 20000	29.1	29.8	30.7	31.0	31.2	31.2	31.3	31.7	31.7	31.8	32.0	32.0	32.2	32.2	32.3	32.3
≥ 18000	29.1	29.8	30.7	31.0	31.2	31.2	31.3	31.7	31.7	31.8	32.0	32.0	32.2	32.2	32.3	32.3
≥ 16000	29.3	30.0	30.9	31.2	31.4	31.4	31.5	31.9	31.9	32.0	32.2	32.2	32.4	32.4	32.5	32.6
≥ 14000	30.0	30.7	31.6	31.9	32.1	32.1	32.2	32.6	32.6	32.7	32.9	32.9	33.1	33.1	33.2	33.2
≥ 12000	31.8	32.4	33.3	33.7	33.9	33.9	34.0	34.3	34.3	34.4	34.7	34.7	34.9	34.9	35.0	35.0
≥ 10000	32.7	33.3	34.3	34.7	34.9	34.9	35.0	35.3	35.3	35.4	35.7	35.7	35.9	35.9	36.0	36.0
≥ 9000	32.9	33.6	34.6	34.9	35.1	35.1	35.2	35.6	35.6	35.7	35.9	35.9	36.1	36.1	36.2	36.2
≥ 8000	34.2	34.9	35.9	36.2	36.4	36.4	36.6	36.9	36.9	37.0	37.2	37.2	37.4	37.4	37.6	37.6
≥ 7000	35.0	35.7	36.7	37.0	37.2	37.2	37.3	37.7	37.7	37.8	38.0	38.0	38.2	38.2	38.3	38.3
≥ 6000	35.6	36.4	37.4	37.8	38.1	38.1	38.2	38.6	38.6	38.7	38.9	38.9	39.1	39.1	39.2	39.2
≥ 5000	38.4	39.3	40.3	40.7	41.0	41.1	41.2	41.6	41.6	41.7	41.9	41.9	42.1	42.1	42.2	42.2
≥ 4500	40.6	41.4	42.4	42.8	43.1	43.2	43.3	43.7	43.7	43.8	44.0	44.0	44.2	44.2	44.3	44.3
≥ 4000	44.8	46.0	47.2	47.7	48.4	48.6	48.9	49.2	49.2	49.3	49.6	49.6	49.8	49.8	49.9	49.9
≥ 3500	46.0	47.2	48.4	49.0	50.0	50.1	50.6	51.0	51.0	51.1	51.3	51.3	51.6	51.6	51.7	51.7
≥ 3000	49.0	50.4	51.7	52.4	53.7	53.8	54.6	55.0	55.0	55.2	55.4	55.4	55.7	55.7	55.8	55.8
≥ 2500	52.8	54.6	56.2	57.2	58.6	58.7	59.7	60.6	60.7	60.9	61.1	61.1	61.3	61.3	61.4	61.4
≥ 2000	57.7	60.1	61.8	63.0	65.0	65.2	66.4	67.4	67.7	67.9	68.1	68.1	68.4	68.4	68.6	68.6
≥ 1800	59.4	62.0	63.7	64.9	67.1	67.3	68.6	69.6	69.8	70.0	70.2	70.2	70.6	70.6	70.7	70.7
≥ 1500	63.2	66.1	67.8	69.0	71.4	71.7	73.2	74.3	74.6	74.8	75.0	75.0	75.3	75.3	75.4	75.4
≥ 1200	65.2	68.4	70.2	71.8	74.6	74.8	76.6	77.8	78.2	78.4	78.7	78.7	79.0	79.0	79.1	79.1
≥ 1000	65.9	69.2	71.0	72.7	75.7	75.9	77.9	79.3	80.2	80.7	80.9	80.9	81.2	81.2	81.3	81.3
≥ 900	66.1	69.6	71.3	73.0	76.2	76.4	78.6	80.2	81.2	81.7	82.0	82.0	82.3	82.3	82.4	82.4
≥ 800	66.3	69.9	71.7	73.4	76.9	77.1	79.3	81.3	82.3	82.8	83.1	83.1	83.6	83.6	83.8	83.8
≥ 700	66.7	70.4	72.2	74.0	78.1	78.3	80.6	82.6	83.6	84.0	84.3	84.3	84.8	84.8	85.1	85.1
≥ 600	66.8	71.0	73.1	75.0	79.6	79.8	82.1	84.2	85.3	86.0	86.3	86.3	86.8	86.8	87.1	87.1
≥ 500	66.9	71.4	73.7	75.7	80.8	81.3	83.8	86.1	87.3	88.3	88.8	88.8	89.6	89.6	89.9	89.9
≥ 400	66.9	71.4	73.8	75.9	81.7	82.3	85.2	87.9	89.1	90.1	90.6	90.7	91.4	91.4	91.8	91.8
≥ 300	66.9	71.4	73.8	75.9	81.7	82.4	85.8	89.1	90.6	91.7	92.2	92.7	93.7	93.7	94.1	94.4
≥ 200	66.9	71.4	73.8	75.9	81.7	82.6	86.0	89.3	91.2	92.9	94.2	94.3	96.0	96.0	96.8	97.1
≥ 100	66.9	71.4	73.8	75.9	81.7	82.6	86.0	89.3	91.2	93.2	94.8	94.9	96.9	97.0	98.4	99.4
≥ 0	66.9	71.4	73.8	75.9	81.7	82.6	86.0	89.3	91.2	93.2	94.8	94.9	96.9	97.0	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 9-78 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0600

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	26.4	26.9	27.3	27.7	28.4	28.7	28.7	28.9	29.1	29.2	29.4	29.4	29.6	29.6	29.7	29.7
≥ 20000	27.3	27.8	28.2	28.6	29.3	29.6	29.6	29.8	30.0	30.1	30.3	30.3	30.4	30.4	30.6	30.6
≥ 18000	27.4	27.9	28.3	28.7	29.4	29.7	29.7	29.9	30.1	30.2	30.4	30.4	30.6	30.6	30.7	30.7
≥ 16000	27.4	27.9	28.3	28.7	29.4	29.7	29.7	29.9	30.1	30.2	30.4	30.4	30.6	30.6	30.7	30.7
> 14000	27.6	28.0	28.4	28.8	29.6	29.8	29.8	30.0	30.2	30.3	30.6	30.6	30.7	30.7	30.8	30.8
≥ 12000	28.9	29.3	29.8	30.1	30.9	31.1	31.1	31.3	31.6	31.7	31.9	31.9	32.0	32.0	32.1	32.2
≥ 10000	30.0	30.4	30.9	31.2	32.0	32.2	32.2	32.4	32.7	32.8	33.0	33.0	33.1	33.1	33.2	33.3
≥ 9000	30.4	31.0	31.4	31.8	32.6	32.8	32.8	33.0	33.2	33.3	33.6	33.6	33.7	33.7	33.8	33.9
≥ 8000	31.3	32.3	32.8	33.1	33.9	34.1	34.1	34.3	34.6	34.7	34.9	34.9	35.0	35.0	35.1	35.2
≥ 7000	32.4	33.0	33.4	33.8	34.6	34.8	34.8	35.0	35.2	35.3	35.6	35.6	35.7	35.7	35.8	35.9
≥ 6000	33.1	33.7	34.1	34.4	35.2	35.4	35.4	35.7	35.9	36.0	36.2	36.2	36.4	36.4	36.6	36.7
≥ 5000	35.8	36.7	37.2	37.8	38.9	39.1	39.1	39.3	39.6	39.7	39.9	39.9	40.1	40.1	40.2	40.3
≥ 4500	37.0	38.1	38.7	39.2	40.3	40.6	40.6	40.8	41.0	41.1	41.3	41.3	41.6	41.6	41.7	41.8
≥ 4000	40.2	41.8	42.3	42.9	44.2	44.4	45.0	45.2	45.4	45.6	45.8	45.8	46.0	46.0	46.1	46.2
≥ 3500	42.0	43.6	44.1	44.8	46.1	46.3	46.9	47.4	47.7	47.8	48.0	48.0	48.2	48.2	48.3	48.4
≥ 3000	44.4	46.2	46.9	47.8	49.2	49.4	50.2	51.0	51.2	51.3	51.6	51.6	51.8	51.8	51.9	52.0
≥ 2500	49.6	51.6	52.3	53.3	54.9	55.1	56.2	57.1	57.4	57.7	58.1	58.1	58.3	58.3	58.4	58.6
≥ 2000	55.2	57.7	58.7	59.8	61.4	61.7	63.0	63.9	64.2	64.4	64.9	64.9	65.2	65.2	65.3	65.4
≥ 1800	56.8	59.2	60.2	61.3	63.0	63.2	64.8	65.7	66.0	66.2	66.7	66.7	67.0	67.0	67.1	67.2
≥ 1500	61.6	64.3	65.4	66.7	68.8	69.2	70.8	72.0	72.4	72.7	73.1	73.1	73.4	73.4	73.6	73.7
≥ 1200	63.6	66.6	67.7	69.0	72.3	72.9	74.6	75.9	76.3	76.6	77.0	77.0	77.4	77.4	77.6	77.7
≥ 1000	64.3	67.4	68.6	69.9	73.3	73.9	75.8	77.1	78.0	78.3	78.8	78.8	79.2	79.2	79.3	79.4
≥ 900	64.8	68.1	69.2	70.6	74.0	74.6	76.6	77.9	78.9	79.3	79.9	79.9	80.4	80.4	80.6	80.7
≥ 800	64.9	68.3	69.7	71.0	74.7	75.2	77.3	78.7	79.8	80.3	80.9	81.0	81.7	81.7	81.8	81.9
≥ 700	65.0	68.7	70.0	71.6	75.6	76.1	78.6	80.0	81.3	81.9	82.4	82.6	83.2	83.2	83.3	83.4
≥ 600	65.0	68.7	70.3	72.0	76.7	77.2	79.8	81.6	82.9	83.6	84.2	84.3	85.0	85.0	85.1	85.2
≥ 500	65.6	69.7	71.8	73.6	78.6	79.1	82.0	84.1	85.9	87.0	87.7	87.8	88.8	88.8	88.9	89.0
≥ 400	65.6	69.7	71.9	73.7	78.8	79.4	82.7	85.4	87.4	88.6	89.3	89.4	90.6	90.6	90.7	90.8
≥ 300	65.6	69.7	72.0	73.8	79.1	79.8	83.4	87.1	89.3	90.9	92.1	92.2	93.4	93.4	93.6	93.7
≥ 200	65.7	69.9	72.2	74.0	79.3	80.0	84.1	88.0	90.6	92.4	94.3	94.8	96.6	96.6	97.0	97.7
≥ 100	65.7	69.9	72.2	74.0	79.3	80.0	84.1	88.0	91.0	93.3	95.4	95.9	97.8	97.8	98.7	99.7
≥ 0	65.7	69.9	72.2	74.0	79.3	80.0	84.1	88.0	91.0	93.3	95.4	95.9	97.8	97.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 79-78 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	22.1	23.4	23.6	24.1	24.4	24.4	24.4	24.4	24.4	24.5	24.6	24.6	24.6	24.6	24.6
≥ 20000	25.0	26.3	26.5	27.0	27.4	27.4	27.4	27.5	27.5	27.6	27.7	27.7	27.7	27.7	27.7
≥ 18000	25.7	26.9	27.1	27.7	28.0	28.0	28.0	28.1	28.1	28.3	28.4	28.4	28.4	28.4	28.4
≥ 16000	25.8	27.0	27.3	27.8	28.1	28.1	28.1	28.3	28.3	28.4	28.5	28.5	28.5	28.5	28.5
≥ 14000	26.3	27.5	27.7	28.3	28.6	28.6	28.6	28.7	28.7	28.8	28.9	28.9	28.9	28.9	28.9
≥ 12000	27.4	28.6	28.8	29.4	29.7	29.7	29.7	29.8	29.8	29.9	30.0	30.0	30.0	30.0	30.1
≥ 10000	28.6	29.8	30.0	30.6	31.0	31.0	31.0	31.1	31.1	31.3	31.4	31.4	31.4	31.4	31.5
≥ 9000	28.9	30.1	30.4	31.0	31.5	31.5	31.5	31.6	31.6	31.7	31.8	31.8	31.8	31.8	31.9
≥ 8000	31.3	32.5	32.7	33.4	33.9	33.9	34.0	34.1	34.1	34.3	34.4	34.4	34.4	34.6	34.7
≥ 7000	33.0	34.4	34.6	35.3	35.9	35.9	36.0	36.2	36.2	36.3	36.4	36.4	36.4	36.6	36.7
≥ 6000	33.5	34.8	35.0	35.7	36.5	36.5	36.6	36.7	36.7	36.9	37.3	37.3	37.3	37.3	37.5	37.6
≥ 5000	35.9	37.6	37.9	38.7	39.8	39.8	40.0	40.3	40.3	40.5	40.8	40.8	40.8	40.8	41.2	41.3
≥ 4500	36.7	38.5	38.8	39.6	40.7	40.7	40.9	41.2	41.2	41.4	41.7	41.7	41.7	41.7	42.0	42.2
≥ 4000	38.7	40.8	41.3	42.2	43.5	43.6	43.9	44.2	44.2	44.4	44.7	44.7	44.7	44.7	45.1	45.2
≥ 3500	40.3	42.4	43.0	44.0	45.8	45.9	46.3	46.5	46.5	46.7	47.1	47.1	47.1	47.1	47.4	47.5
≥ 3000	42.8	45.8	46.9	48.1	50.1	50.2	50.6	51.2	51.3	51.5	51.8	51.8	51.8	51.8	52.2	52.3
≥ 2500	48.5	51.8	53.3	54.7	57.2	57.4	58.0	58.7	59.0	59.2	59.5	59.5	59.5	59.5	59.8	60.0
≥ 2000	54.1	58.2	59.8	61.4	64.3	64.6	65.7	66.6	67.0	67.2	67.7	67.7	67.9	67.9	68.2	68.3
≥ 1800	56.2	60.5	62.2	63.8	66.9	67.2	68.3	69.2	69.5	69.7	70.3	70.3	70.4	70.4	70.7	70.9
≥ 1500	59.2	64.0	65.6	67.5	71.0	71.3	72.5	73.5	73.9	74.1	74.6	74.6	74.7	74.7	75.1	75.2
≥ 1200	61.2	66.1	67.7	69.7	73.4	73.7	75.0	76.1	76.4	76.6	77.2	77.2	77.3	77.3	77.6	77.8
≥ 1000	61.7	66.7	68.4	70.4	74.1	74.9	76.2	77.3	77.8	78.2	78.9	78.9	79.0	79.0	79.3	79.4
≥ 900	62.3	67.4	69.3	71.4	75.2	76.2	77.6	78.8	79.2	79.6	80.3	80.3	80.4	80.4	80.8	80.9
≥ 800	62.6	68.0	70.1	72.2	76.0	77.0	78.6	79.8	80.3	80.8	81.4	81.4	81.5	81.5	81.9	82.0
≥ 700	63.1	68.4	70.6	72.7	76.5	77.8	79.5	81.0	81.5	82.2	83.0	83.0	83.1	83.1	83.4	83.5
≥ 600	63.2	68.9	71.3	73.4	77.4	78.9	80.8	82.4	83.1	84.2	85.0	85.0	85.1	85.1	85.4	85.5
≥ 500	63.2	69.2	71.7	73.9	78.5	80.1	82.2	84.4	85.9	87.1	88.2	88.2	89.0	89.0	89.4	89.5
≥ 400	63.2	69.3	71.9	74.0	79.0	80.6	83.0	85.5	87.3	88.7	89.9	89.9	90.9	90.9	91.3	91.4
≥ 300	63.5	69.6	72.2	74.3	79.4	81.1	83.4	86.5	89.1	90.9	92.4	92.7	93.9	93.9	94.4	94.7
≥ 200	63.6	69.9	72.4	74.6	79.8	81.4	83.8	87.2	89.9	91.9	94.2	94.7	96.2	96.8	97.9	98.9
≥ 100	63.6	69.9	72.4	74.6	79.8	81.4	83.8	87.2	89.9	91.9	94.4	95.0	96.8	97.4	98.6	100.0
≥ 0	63.6	69.9	72.4	74.6	79.8	81.4	83.8	87.2	89.9	91.9	94.4	95.0	96.8	97.4	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 60-76 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	<¼
NO CEILING	21.3	21.4	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
≥ 20000	24.8	25.1	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 18000	25.0	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
≥ 16000	25.0	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
≥ 14000	25.2	25.6	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 12000	25.7	26.0	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
≥ 10000	27.3	27.9	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
≥ 9000	27.7	28.2	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 8000	29.2	29.9	30.1	30.1	30.1	30.1	30.1	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
≥ 7000	30.6	31.2	31.4	31.6	31.6	31.6	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
≥ 6000	32.0	32.7	33.0	33.2	33.2	33.2	33.4	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 5000	33.6	34.4	34.9	35.3	35.4	35.4	35.7	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 4500	34.4	35.3	35.8	36.3	36.6	36.6	36.8	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 4000	36.6	38.2	38.9	39.9	40.2	40.2	40.6	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 3500	38.6	40.3	41.0	42.0	42.6	42.6	43.0	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 3000	43.2	45.8	46.6	47.8	48.7	48.7	49.2	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 2500	52.8	55.9	57.0	58.4	59.6	59.6	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 2000	57.2	60.6	61.8	63.4	64.9	64.9	66.0	66.1	66.6	66.8	66.8	66.8	66.8	66.8	66.8
≥ 1800	58.2	61.8	63.0	64.9	66.3	66.3	67.4	67.6	68.0	68.2	68.2	68.2	68.2	68.2	68.3
≥ 1500	62.2	66.2	68.0	70.1	71.9	72.1	73.4	73.6	74.0	74.2	74.2	74.2	74.2	74.2	74.3
≥ 1200	64.3	68.4	70.2	72.6	74.7	74.9	76.4	76.6	77.0	77.2	77.2	77.2	77.2	77.2	77.3
≥ 1000	65.8	70.6	72.4	75.0	77.6	77.8	79.6	79.7	80.1	80.3	80.6	80.6	80.6	80.6	80.7
≥ 900	66.3	71.6	74.0	76.7	79.8	80.4	82.2	82.3	82.8	83.0	83.3	83.4	83.4	83.4	83.6
≥ 800	66.4	72.1	74.8	77.6	80.8	81.4	83.2	83.3	83.8	84.0	84.4	84.6	84.6	84.6	84.7
≥ 700	67.0	72.9	75.7	78.6	82.1	83.0	84.8	84.9	85.3	85.6	86.2	86.3	86.3	86.3	86.4
≥ 600	67.0	72.9	75.8	79.1	82.7	83.6	85.4	85.7	86.1	86.3	87.1	87.2	87.2	87.2	87.3
≥ 500	67.2	73.4	76.6	80.2	84.0	85.3	87.8	88.6	89.0	89.4	90.6	90.8	91.0	91.0	91.3
≥ 400	67.2	73.6	77.0	80.8	84.8	86.2	88.9	89.9	90.9	91.6	92.8	93.0	93.4	93.4	94.0
≥ 300	67.3	73.8	77.2	81.0	85.0	86.4	89.6	90.8	92.1	92.8	94.6	94.8	96.2	96.3	96.8	97.1
≥ 200	67.3	73.8	77.2	81.0	85.0	86.4	89.6	90.8	92.1	92.9	95.0	95.2	96.9	97.2	97.7	98.7
≥ 100	67.3	73.8	77.2	81.0	85.0	86.4	89.6	90.8	92.1	92.9	95.0	95.2	97.0	97.4	98.2	100.0
≥ 0	67.3	73.8	77.2	81.0	85.0	86.4	89.6	90.8	92.1	92.9	95.0	95.2	97.0	97.4	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 09-78 (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	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥¼	≥0
NO CEILING	23.9	23.9	23.9	23.9	23.9	23.9	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 20000	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
≥ 18000	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
≥ 16000	27.9	27.9	27.9	27.9	27.9	27.9	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 14000	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
≥ 12000	29.8	29.9	29.9	29.9	29.9	29.9	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 10000	31.8	32.1	32.1	32.1	32.1	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
≥ 9000	31.9	32.2	32.2	32.2	32.2	32.2	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 8000	34.8	34.1	34.1	34.1	34.1	34.1	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 7000	35.2	35.7	35.7	35.7	35.7	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
≥ 6000	36.1	36.8	37.0	37.0	37.1	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 5000	38.5	39.5	39.9	40.1	40.2	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 4500	39.6	40.7	41.1	41.4	41.5	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 4000	41.9	43.4	43.9	44.3	44.4	44.5	44.6	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8
≥ 3500	44.5	46.0	46.6	47.0	47.2	47.3	47.5	47.6	47.6	47.6	47.8	47.8	47.8	47.8	47.8	47.8
≥ 3000	48.4	50.7	51.3	51.7	52.1	52.2	52.4	52.6	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.8
≥ 2500	55.3	58.1	58.9	59.9	60.8	60.9	61.6	62.2	62.2	62.3	62.5	62.5	62.5	62.5	62.5	62.5
≥ 2000	59.1	62.1	62.9	63.9	65.3	65.9	66.9	67.7	67.9	68.1	68.3	68.3	68.3	68.3	68.3	68.3
≥ 1800	60.4	63.8	64.7	65.8	67.3	68.0	69.0	69.8	70.0	70.2	70.5	70.5	70.5	70.5	70.5	70.5
≥ 1500	64.3	68.7	70.2	71.6	73.4	74.1	75.5	76.3	76.5	76.7	76.9	76.9	77.0	77.0	77.0	77.0
≥ 1200	66.3	71.5	73.3	74.8	76.9	77.7	79.0	80.0	80.3	80.5	80.7	80.7	80.8	80.8	80.8	80.8
≥ 1000	68.0	73.2	75.4	76.7	79.0	79.9	81.5	82.6	83.2	83.4	83.9	83.9	84.4	84.4	84.4	84.4
≥ 900	68.5	74.6	76.7	78.0	80.6	81.6	83.3	84.4	84.9	85.2	85.8	85.8	86.3	86.3	86.3	86.3
≥ 800	68.9	75.1	77.3	78.7	81.4	82.5	84.3	85.4	86.0	86.2	87.0	87.0	87.4	87.4	87.4	87.4
≥ 700	69.1	75.4	77.5	78.9	81.3	83.2	85.1	86.4	87.2	87.6	88.4	88.4	88.9	88.9	88.9	88.9
≥ 600	69.1	75.4	77.5	78.9	81.8	83.2	85.2	86.5	87.3	87.8	88.7	88.7	89.2	89.2	89.3	89.3
≥ 500	69.2	76.0	78.4	79.8	83.1	84.4	86.6	88.1	88.9	89.6	91.3	91.3	91.8	91.8	91.9	91.9
≥ 400	69.2	76.1	78.6	80.0	83.4	84.8	87.7	89.6	90.9	91.9	93.5	93.5	94.1	94.1	94.4	94.4
≥ 300	69.2	76.1	78.6	80.0	83.4	84.8	88.2	90.6	92.2	93.5	95.4	95.4	96.1	96.3	96.8	96.8
≥ 200	69.2	76.1	78.6	80.0	83.4	84.8	88.5	91.1	92.8	94.1	96.3	96.3	97.4	97.8	98.7	99.2
≥ 100	69.2	76.1	78.6	80.0	83.4	84.8	88.5	91.1	92.8	94.1	96.3	96.3	97.4	97.8	98.8	100.0
≥ 0	69.2	76.1	78.6	80.0	83.4	84.8	88.5	91.1	92.8	94.1	96.3	96.3	97.4	97.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 897

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥½	≥5/16	≥0
NO CEILING	28.3	28.5	28.5	28.6	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
≥ 20000	31.3	31.4	31.4	31.5	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
≥ 18000	31.5	31.7	31.7	31.8	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
≥ 16000	31.9	32.0	32.0	32.1	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
≥ 14000	33.3	33.4	33.5	33.6	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 12000	34.7	34.9	35.0	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 10000	36.8	37.2	37.3	37.4	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 9000	37.1	37.4	37.5	37.6	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 8000	38.7	39.1	39.2	39.3	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 7000	39.6	40.0	40.1	40.2	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 6000	40.6	41.1	41.3	41.5	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 5000	42.5	43.3	43.5	43.8	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 4500	44.2	45.0	45.2	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
≥ 4000	46.2	47.3	47.5	48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 3500	48.2	49.3	49.6	50.0	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 3000	50.8	52.7	53.1	53.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 2500	57.6	59.8	61.0	61.6	63.5	63.6	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 2000	61.5	63.8	65.5	66.4	68.8	69.0	69.6	69.8	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 1800	62.8	65.2	67.0	67.9	70.2	70.4	71.3	71.4	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 1500	66.0	69.0	71.0	71.9	74.6	74.9	75.9	76.2	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 1200	68.5	72.0	74.3	75.2	78.6	78.9	80.2	80.6	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 1000	69.3	72.9	75.6	76.5	79.9	80.4	82.0	82.5	83.4	83.7	83.8	83.8	83.8	83.8	83.8	83.8
≥ 900	69.8	73.9	76.6	77.6	81.0	81.7	83.5	83.9	84.8	85.2	85.3	85.3	85.3	85.3	85.3	85.3
≥ 800	69.8	73.9	76.6	77.7	81.5	82.1	83.9	84.5	85.4	85.7	85.9	85.9	85.9	85.9	85.9	85.9
≥ 700	69.8	73.9	76.6	77.9	82.1	82.8	84.6	85.3	86.3	86.6	86.8	86.8	86.8	86.8	86.8	86.8
≥ 600	69.8	74.0	76.8	78.2	82.8	83.5	85.5	86.2	87.4	87.7	87.9	87.9	87.9	87.9	88.1	88.1
≥ 500	69.8	74.0	76.8	78.2	82.9	83.6	86.0	87.3	88.7	89.2	90.3	90.3	90.3	90.4	90.6	90.6
≥ 400	69.8	74.0	77.0	78.5	83.6	84.3	86.8	88.3	90.1	90.7	91.9	91.9	92.0	92.1	92.5	92.5
≥ 300	69.8	74.3	77.5	78.9	84.2	84.8	87.7	89.7	91.9	93.1	95.0	95.0	95.3	95.5	96.2	96.2
≥ 200	69.9	74.4	77.6	79.0	84.3	84.9	87.9	90.2	92.4	93.8	96.2	96.2	96.5	96.9	97.7	97.9
≥ 100	69.9	74.4	77.6	79.0	84.3	84.9	88.1	90.3	92.5	93.9	96.4	96.5	96.9	97.4	98.7	99.8
≥ 0	69.9	74.4	77.6	79.0	84.3	84.9	88.1	90.3	92.5	93.9	96.4	96.5	96.9	97.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 896

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (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	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	28.0	28.7	28.8	29.0	29.1	29.1	29.1	29.1	29.1	29.1	29.2	29.3	29.3	29.3	29.3	29.3
≥ 20000	30.8	31.4	31.5	31.8	31.9	31.9	31.9	31.9	31.9	31.9	32.0	32.1	32.1	32.1	32.1	32.1
≥ 18000	31.1	31.8	31.9	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.3	32.4	32.4	32.4	32.4	32.4
≥ 16000	31.1	31.9	32.0	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.4	32.6	32.6	32.6	32.6	32.6
≥ 14000	32.4	33.2	33.4	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.9	34.0	34.0	34.0	34.0	34.0
≥ 12000	32.9	33.8	34.0	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.4	34.6	34.6	34.6	34.6	34.6
≥ 10000	35.0	36.0	36.3	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.8	36.9	36.9	36.9	36.9	36.9
≥ 9000	35.2	36.3	36.7	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.1	37.2	37.2	37.2	37.2	37.2
≥ 8000	36.3	37.5	37.8	38.0	38.2	38.2	38.2	38.2	38.2	38.2	38.4	38.5	38.5	38.5	38.5	38.5
≥ 7000	36.9	38.0	38.4	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.9	39.0	39.0	39.0	39.0	39.0
≥ 6000	37.2	38.6	38.9	39.1	39.7	39.7	39.7	39.7	39.7	39.7	39.8	39.9	39.9	39.9	39.9	39.9
≥ 5000	39.7	41.4	41.8	42.0	42.8	42.8	42.8	42.8	42.8	42.8	42.9	43.0	43.0	43.0	43.0	43.0
≥ 4500	42.0	43.7	44.1	44.4	45.3	45.3	45.4	45.4	45.4	45.4	45.5	45.6	45.6	45.6	45.6	45.6
≥ 4000	44.7	46.6	47.0	47.4	48.6	48.6	48.7	48.7	48.7	48.7	48.8	48.9	48.9	48.9	48.9	48.9
≥ 3500	45.7	47.8	48.3	48.6	49.9	49.9	50.1	50.1	50.1	50.1	50.2	50.3	50.3	50.3	50.3	50.3
≥ 3000	50.4	52.6	53.3	53.6	55.2	55.2	55.3	55.3	55.3	55.3	55.4	55.5	55.5	55.5	55.5	55.5
≥ 2500	55.4	58.3	59.6	60.3	62.3	62.9	63.0	63.0	63.0	63.0	63.1	63.2	63.2	63.2	63.2	63.2
≥ 2000	59.9	63.2	65.0	65.8	68.1	68.7	69.9	69.9	69.9	69.9	70.0	70.1	70.1	70.1	70.1	70.1
≥ 1800	61.6	65.1	66.9	67.7	70.3	70.9	72.2	72.2	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.6
≥ 1500	64.3	68.7	70.6	71.5	74.6	75.3	76.8	76.8	77.0	77.0	77.1	77.3	77.3	77.3	77.3	77.3
≥ 1200	66.3	70.8	72.8	73.9	77.3	77.9	79.6	79.7	79.9	79.9	80.0	80.2	80.2	80.2	80.2	80.2
≥ 1000	67.1	71.8	73.9	75.1	78.8	79.5	81.4	81.5	82.1	82.3	82.4	82.5	82.5	82.5	82.5	82.5
≥ 900	67.7	72.7	74.9	76.1	79.9	80.6	82.5	82.6	83.2	83.4	83.5	83.6	83.6	83.6	83.6	83.6
≥ 800	67.8	72.9	75.3	76.6	80.4	81.0	83.1	83.7	84.3	84.5	84.6	84.7	84.7	84.7	84.7	84.7
≥ 700	68.0	73.1	75.6	76.9	80.8	81.5	83.5	84.3	84.8	85.1	85.2	85.3	85.4	85.4	85.5	85.5
≥ 600	68.1	73.2	75.7	77.0	81.5	82.2	84.4	85.5	86.1	86.3	86.5	86.6	86.7	86.8	87.1	87.1
≥ 500	68.2	73.7	76.3	77.6	82.5	83.3	86.3	87.7	88.4	89.0	89.5	89.6	90.0	90.2	90.5	90.5
≥ 400	68.5	73.9	76.5	77.8	83.1	84.3	88.1	90.0	90.9	91.5	92.1	92.2	92.5	92.8	93.3	93.4
≥ 300	68.5	73.9	76.7	78.3	83.5	84.8	89.2	91.1	92.5	93.6	94.2	94.3	94.8	95.0	95.7	95.8
≥ 200	68.6	74.0	76.8	78.4	83.6	84.9	89.4	91.5	93.3	94.5	96.0	96.1	96.7	97.0	97.7	97.9
≥ 100	68.6	74.0	76.8	78.4	83.6	84.9	89.4	91.6	93.4	94.8	96.7	96.8	97.3	97.9	98.9	99.7
≥ 0	68.6	74.0	76.8	78.4	83.6	84.9	89.4	91.6	93.4	94.8	96.7	96.8	97.3	98.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 (STATION) K I SAWYER AFB MI (STA ON NAME) 69-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6		≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	25.8	26.4	26.7	26.9	27.2	27.2	27.2	27.3	27.4	27.4	27.5	27.5	27.6	27.6	27.6	27.7
≥ 20000	28.2	28.8	29.1	29.3	29.5	29.6	29.6	29.7	29.7	29.8	29.9	29.9	30.0	30.0	30.0	30.0
≥ 18000	28.4	29.0	29.4	29.5	29.8	29.8	29.9	30.0	30.0	30.0	30.2	30.2	30.3	30.3	30.3	30.3
≥ 16000	28.6	29.2	29.5	29.7	30.0	30.0	30.0	30.1	30.2	30.2	30.3	30.3	30.4	30.4	30.4	30.5
≥ 14000	29.2	29.8	30.2	30.4	30.7	30.7	30.7	30.8	30.9	30.9	31.0	31.0	31.1	31.1	31.1	31.2
≥ 12000	30.3	31.0	31.3	31.5	31.8	31.8	31.9	32.0	32.0	32.0	32.1	32.2	32.2	32.2	32.3	32.3
≥ 10000	31.8	32.5	32.9	33.1	33.4	33.4	33.5	33.6	33.6	33.6	33.7	33.8	33.8	33.8	33.9	33.9
≥ 9000	32.0	32.8	33.2	33.4	33.7	33.7	33.8	33.9	33.9	33.9	34.1	34.1	34.1	34.1	34.2	34.2
≥ 8000	33.6	34.4	34.8	35.1	35.4	35.4	35.4	35.6	35.6	35.6	35.7	35.8	35.8	35.8	35.9	36.0
≥ 7000	34.7	35.5	35.9	36.2	36.5	36.5	36.6	36.7	36.7	36.8	36.9	36.9	37.0	37.0	37.0	37.1
≥ 6000	35.5	36.4	36.8	37.1	37.6	37.6	37.7	37.8	37.9	37.9	38.1	38.1	38.2	38.2	38.2	38.3
≥ 5000	37.9	39.1	39.6	40.0	40.6	40.7	40.8	40.9	40.9	41.0	41.1	41.1	41.2	41.2	41.3	41.4
≥ 4500	39.4	40.7	41.2	41.6	42.3	42.3	42.4	42.6	42.6	42.7	42.8	42.8	42.9	42.9	43.0	43.1
≥ 4000	42.1	43.7	44.4	44.9	45.8	45.9	46.1	46.2	46.3	46.3	46.5	46.5	46.6	46.6	46.7	46.7
≥ 3500	43.7	45.5	46.2	46.7	47.8	47.8	48.1	48.3	48.4	48.4	48.6	48.6	48.7	48.7	48.8	48.8
≥ 3000	47.3	49.5	50.4	51.1	52.4	52.4	52.8	53.1	53.2	53.3	53.4	53.5	53.6	53.6	53.6	53.7
≥ 2500	53.2	55.9	57.1	58.1	59.8	60.0	60.6	61.0	61.1	61.3	61.5	61.5	61.6	61.6	61.6	61.7
≥ 2000	57.8	60.9	62.3	63.5	65.6	65.9	67.0	67.5	67.7	67.9	68.1	68.1	68.3	68.3	68.4	68.4
≥ 1800	59.3	62.5	64.0	65.2	67.4	67.7	68.9	69.4	69.7	69.8	70.1	70.1	70.2	70.2	70.3	70.4
≥ 1500	62.9	66.7	68.4	69.8	72.3	72.7	74.1	74.7	75.0	75.2	75.4	75.4	75.6	75.6	75.6	75.7
≥ 1200	65.0	69.0	70.9	72.4	75.4	75.8	77.4	78.1	78.5	78.6	78.9	78.9	79.1	79.1	79.1	79.2
≥ 1000	65.9	70.2	72.1	73.8	77.0	77.5	79.2	80.0	80.7	81.0	81.3	81.3	81.6	81.6	81.6	81.7
≥ 900	66.4	71.0	73.1	74.7	78.1	78.8	80.6	81.4	82.1	82.4	82.8	82.8	83.1	83.1	83.1	83.2
≥ 800	66.6	71.4	73.5	75.3	78.8	79.5	81.4	82.4	83.1	83.5	84.0	84.0	84.3	84.3	84.3	84.4
≥ 700	66.9	71.7	74.0	75.8	79.6	80.4	82.4	83.5	84.3	84.7	85.2	85.3	85.5	85.5	85.7	85.7
≥ 600	66.9	71.9	74.3	76.2	80.4	81.2	83.3	84.6	85.5	86.0	86.6	86.7	87.0	87.0	87.1	87.2
≥ 500	67.1	72.5	75.0	77.0	81.5	82.5	85.0	86.6	87.7	88.5	89.4	89.[illegible]	90.0	90.1	90.3	90.4
≥ 400	67.1	72.5	75.2	77.2	82.0	83.2	86.1	88.0	89.4	90.3	91.3	91.4	92.0	92.1	92.4	92.5
≥ 300	67.2	72.7	75.4	77.5	82.4	83.5	86.8	89.2	91.0	92.3	93.7	93.8	94.7	94.8	95.3	95.5
≥ 200	67.2	72.7	75.5	77.6	82.5	83.6	87.1	89.7	91.6	93.2	95.1	95.3	96.6	96.8	97.5	98.0
≥ 100	67.2	72.7	75.5	77.6	82.5	83.6	87.1	89.7	91.7	93.4	95.5	95.7	97.1	97.6	98.5	99.7
≥ 0	67.2	72.7	75.5	77.6	82.5	83.6	87.1	89.7	91.7	93.4	95.5	95.7	97.2	97.6	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7189

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 68-77 (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	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	22.3	23.7	24.2	24.3	24.3	24.5	24.8	24.9	25.1	25.2	25.2	25.2	25.4	25.4	25.4	25.4
≥ 20000	23.3	24.7	25.2	25.3	25.3	25.5	25.7	25.8	26.0	26.2	26.2	26.2	26.4	26.4	26.4	26.5
≥ 18000	23.3	24.7	25.2	25.3	25.3	25.5	25.7	25.8	26.0	26.2	26.2	26.2	26.4	26.4	26.4	26.5
≥ 16000	23.4	24.8	25.3	25.4	25.4	25.6	25.8	25.9	26.2	26.3	26.3	26.3	26.5	26.5	26.5	26.6
≥ 14000	23.6	25.0	25.5	25.6	25.6	25.8	26.0	26.2	26.4	26.5	26.5	26.5	26.7	26.7	26.7	26.8
≥ 12000	24.5	25.9	26.5	26.6	26.6	26.8	27.0	27.1	27.3	27.4	27.4	27.4	27.7	27.7	27.7	27.8
≥ 10000	26.6	28.1	28.6	28.7	28.7	29.0	29.2	29.3	29.5	29.6	29.6	29.6	29.8	29.8	29.8	29.9
≥ 9000	27.3	28.8	29.6	29.7	29.7	29.9	30.1	30.2	30.5	30.6	30.6	30.6	30.8	30.8	30.8	30.9
≥ 8000	27.8	29.6	30.4	30.5	30.5	30.7	30.9	31.0	31.2	31.3	31.3	31.3	31.5	31.5	31.5	31.6
≥ 7000	28.7	30.6	31.3	31.4	31.4	31.6	31.9	32.0	32.2	32.3	32.3	32.3	32.5	32.5	32.5	32.6
≥ 6000	29.3	31.1	31.9	32.0	32.2	32.4	32.6	32.7	32.9	33.0	33.0	33.0	33.3	33.3	33.3	33.4
≥ 5000	31.5	33.7	34.7	35.0	35.4	35.6	35.8	36.0	36.2	36.3	36.3	36.3	36.5	36.5	36.5	36.6
≥ 4500	32.3	34.6	35.5	35.8	36.4	36.6	36.8	36.9	37.1	37.2	37.2	37.2	37.5	37.5	37.5	37.6
≥ 4000	34.0	36.7	37.8	38.2	38.8	39.0	39.3	39.5	39.7	39.8	39.8	39.8	40.0	40.0	40.0	40.2
≥ 3500	35.3	38.5	39.6	40.0	40.6	40.8	41.1	41.3	41.6	41.7	41.7	41.7	41.9	41.9	41.9	42.0
≥ 3000	38.5	42.2	43.5	44.0	44.9	45.2	45.5	45.7	46.0	46.1	46.1	46.1	46.3	46.3	46.3	46.4
≥ 2500	41.0	45.7	47.7	48.7	49.7	50.2	50.7	51.0	51.2	51.3	51.3	51.3	51.7	51.7	51.7	51.8
≥ 2000	45.6	51.7	54.0	55.2	56.6	57.3	58.2	58.7	59.0	59.2	59.2	59.2	59.5	59.5	59.5	59.6
≥ 1800	47.4	53.4	55.8	57.3	58.8	59.5	60.6	61.0	61.4	61.6	61.6	61.6	61.9	61.9	61.9	62.0
≥ 1500	50.8	57.3	60.2	62.0	64.3	65.4	67.4	68.1	68.6	68.8	68.9	68.9	69.2	69.2	69.2	69.3
≥ 1200	53.4	60.5	63.9	65.8	68.1	69.3	71.4	72.1	72.8	73.0	73.1	73.1	73.4	73.4	73.4	73.5
≥ 1000	55.5	63.4	67.0	69.0	71.7	72.9	75.3	76.1	77.0	77.2	77.6	77.6	77.9	77.9	77.9	78.0
≥ 900	56.1	64.5	68.2	70.4	73.2	74.5	77.3	78.1	79.1	79.4	80.0	80.1	80.4	80.4	80.4	80.5
≥ 800	56.4	64.9	68.8	71.0	74.1	75.5	78.3	79.2	81.1	81.5	82.3	82.5	82.8	82.8	82.8	82.9
≥ 700	57.4	66.1	70.1	72.4	75.5	76.9	80.0	81.2	83.1	83.6	84.9	85.0	85.5	85.5	85.5	85.6
≥ 600	57.6	66.7	71.2	73.7	77.3	78.7	81.9	83.5	85.7	86.4	87.7	87.8	88.3	88.3	88.3	88.4
≥ 500	58.1	67.3	71.8	74.8	78.6	80.1	83.4	85.0	87.4	88.7	90.2	90.4	91.0	91.0	91.0	91.1
≥ 400	58.2	67.6	72.2	75.3	79.2	81.1	84.9	86.8	89.2	90.6	92.4	92.7	93.2	93.4	93.4	93.5
≥ 300	58.2	67.7	72.3	75.5	79.9	82.2	86.2	88.2	91.1	92.9	95.0	95.4	96.2	96.4	96.4	96.6
≥ 200	58.2	67.7	72.3	75.5	79.9	82.3	86.7	88.8	92.0	94.1	96.4	96.8	98.2	98.5	98.6	99.1
≥ 100	58.2	67.7	72.3	75.5	79.9	82.3	86.7	88.8	92.0	94.1	96.4	96.8	98.3	98.7	99.1	99.9
0	58.2	67.7	72.3	75.5	79.9	82.3	86.7	88.8	92.0	94.1	96.4	96.8	98.3	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 68-77 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (LOCAL STANDARD TIME)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	22.4	23.0	23.4	23.9	24.0	24.0	24.1	24.1	24.1	24.1	24.1	24.1	24.3	24.3	24.4	24.7
≥ 20000	23.0	23.7	24.1	24.5	24.6	24.6	24.7	24.7	24.7	24.7	24.7	24.7	24.9	24.9	25.1	25.7
≥ 18000	23.2	23.9	24.3	24.7	24.8	24.8	24.9	24.9	24.9	24.9	24.9	24.9	25.2	25.2	25.3	25.9
≥ 16000	23.2	23.9	24.3	24.7	24.8	24.8	24.9	24.9	24.9	24.9	24.9	24.9	25.2	25.2	25.3	25.9
≥ 14000	23.2	23.9	24.3	24.7	24.8	24.8	24.9	24.9	24.9	24.9	24.9	24.9	25.2	25.2	25.3	25.9
≥ 12000	23.7	24.3	24.7	25.2	25.3	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.6	25.6	25.7	26.3
≥ 10000	24.9	25.7	26.1	26.6	26.7	26.7	26.8	26.8	26.8	26.8	26.8	26.8	27.0	27.0	27.1	27.7
≥ 9000	26.0	26.8	27.5	28.0	28.1	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.4	28.4	28.5	29.1
≥ 8000	26.7	27.5	28.3	28.7	28.8	28.8	28.9	28.9	28.9	28.9	28.9	28.9	29.1	29.1	29.2	29.9
≥ 7000	27.2	28.1	28.8	29.2	29.4	29.4	29.5	29.5	29.5	29.5	29.5	29.5	29.7	29.7	29.8	30.4
≥ 6000	28.5	29.5	30.2	30.6	30.8	30.8	30.9	30.9	30.9	30.9	30.9	30.9	31.1	31.1	31.2	31.8
≥ 5000	31.7	33.2	34.4	34.9	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.5	35.5	35.6	36.2
≥ 4500	32.4	34.3	35.7	36.2	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.8	36.8	36.9	37.5
≥ 4000	34.1	36.7	38.3	38.8	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.4	39.4	39.5	40.1
≥ 3500	34.7	37.5	39.1	39.8	40.0	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.4	40.4	40.5	41.2
≥ 3000	37.1	40.2	42.0	42.7	43.4	43.4	43.9	43.9	43.9	44.0	44.0	44.0	44.2	44.2	44.3	44.9
≥ 2500	41.8	46.7	48.9	49.6	50.6	50.6	51.2	51.3	51.3	51.5	51.5	51.5	51.7	51.7	51.8	52.5
≥ 2000	45.2	50.4	52.8	53.7	55.3	55.5	56.7	56.9	56.9	57.2	57.2	57.2	57.4	57.4	57.5	58.2
≥ 1800	46.9	52.2	54.5	56.0	57.6	57.8	59.0	59.4	59.4	59.7	59.7	59.7	59.9	59.9	60.0	60.6
≥ 1500	51.4	56.8	59.9	61.8	63.5	63.9	66.0	67.0	67.5	67.8	67.8	67.8	68.1	68.1	68.2	68.8
≥ 1200	53.4	59.0	62.4	64.4	67.1	67.5	69.9	70.9	71.5	71.8	71.8	71.8	72.0	72.0	72.2	72.8
≥ 1000	55.3	61.7	65.8	67.8	70.8	71.5	74.3	75.4	76.1	76.5	76.8	76.8	77.0	77.0	77.1	77.7
≥ 900	56.1	62.9	67.1	69.2	72.4	73.1	76.1	77.5	78.6	78.9	79.5	79.5	79.7	79.7	79.8	80.4
≥ 800	56.2	63.0	67.3	69.5	72.7	73.5	76.7	78.3	79.4	79.8	80.6	80.6	81.0	81.0	81.1	81.7
≥ 700	56.3	63.5	67.8	70.0	73.4	74.3	77.7	79.7	80.9	81.4	82.6	82.6	83.1	83.1	83.2	83.9
≥ 600	56.7	64.3	68.9	71.2	74.9	75.8	80.0	82.2	83.4	84.1	85.3	85.3	85.8	85.8	85.9	86.6
≥ 500	56.9	64.9	69.6	72.5	76.6	77.7	82.5	84.6	86.0	86.7	88.2	88.2	88.9	88.9	89.0	89.7
≥ 400	57.0	65.4	70.0	73.0	77.7	79.2	84.6	86.9	88.3	89.1	91.2	91.2	91.9	91.9	92.0	92.7
≥ 300	57.0	65.6	70.3	73.3	78.3	80.2	86.1	88.4	89.8	90.8	92.9	92.9	93.9	94.2	94.3	94.9
≥ 200	57.0	65.6	70.3	73.3	78.3	80.2	86.2	88.9	90.8	92.0	94.4	94.5	96.9	97.4	98.0	98.9
≥ 100	57.0	65.6	70.3	73.3	78.3	80.2	86.2	88.9	90.8	92.2	94.8	94.9	97.3	98.0	99.0	100.0
≥ 0	57.0	65.6	70.3	73.3	78.3	80.2	86.2	88.9	90.8	92.2	94.8	94.9	97.3	98.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 68-77 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	23.1	24.0	24.1	24.1	24.1	24.1	24.4	24.4	24.4	24.4	24.4	24.4	24.6	24.6	24.6	24.8
≥ 20000	23.9	24.7	24.8	24.8	24.9	24.9	25.3	25.3	25.3	25.3	25.3	25.3	25.5	25.5	25.5	25.7
≥ 18000	24.2	25.1	25.2	25.2	25.6	25.6	25.9	25.9	25.9	25.9	25.9	25.9	26.1	26.1	26.1	26.3
≥ 16000	24.2	25.1	25.2	25.2	25.6	25.6	25.9	25.9	25.9	25.9	25.9	25.9	26.1	26.1	26.1	26.3
≥ 14000	24.2	25.1	25.2	25.2	25.6	25.6	25.9	25.9	25.9	25.9	25.9	25.9	26.1	26.1	26.1	26.3
≥ 12000	24.5	25.5	25.7	25.7	26.1	26.1	26.5	26.5	26.5	26.5	26.5	26.5	26.7	26.7	26.7	26.9
≥ 10000	25.8	27.0	27.2	27.2	27.6	27.6	28.0	28.0	28.0	28.0	28.0	28.0	28.2	28.2	28.2	28.4
≥ 9000	26.1	27.3	27.7	27.7	28.2	28.2	28.5	28.5	28.5	28.5	28.5	28.5	28.7	28.7	28.7	28.9
≥ 8000	26.7	27.8	28.3	28.3	28.7	28.7	29.0	29.0	29.0	29.0	29.0	29.0	29.2	29.2	29.2	29.5
≥ 7000	27.2	28.4	28.8	28.8	29.2	29.2	29.6	29.6	29.6	29.6	29.6	29.6	29.8	29.8	29.8	30.0
≥ 6000	28.0	29.4	29.8	29.8	30.2	30.2	30.5	30.5	30.5	30.5	30.5	30.5	30.8	30.8	30.8	31.0
≥ 5000	31.6	33.8	34.3	34.4	35.1	35.1	35.4	35.6	35.8	35.8	35.8	35.8	36.0	36.0	36.0	36.2
≥ 4500	32.3	34.6	35.2	35.4	36.2	36.2	36.6	36.8	37.0	37.0	37.0	37.0	37.2	37.2	37.2	37.4
≥ 4000	33.5	36.7	37.4	37.6	38.7	38.7	39.1	39.5	39.7	39.7	39.7	39.7	39.9	39.9	39.9	40.1
≥ 3500	34.3	37.8	38.7	38.9	40.0	40.0	40.4	40.8	41.0	41.0	41.0	41.0	41.2	41.2	41.2	41.4
≥ 3000	36.3	40.5	41.4	41.8	43.2	43.2	43.7	44.1	44.3	44.3	44.3	44.3	44.5	44.5	44.5	44.7
≥ 2500	40.4	46.2	47.2	48.1	50.1	50.5	51.0	51.4	51.6	51.6	51.6	51.6	51.8	51.8	51.8	52.0
≥ 2000	43.4	50.0	51.6	52.7	55.4	55.9	57.0	57.7	58.0	58.1	58.2	58.2	58.4	58.4	58.4	58.6
≥ 1800	44.7	51.4	53.2	54.4	57.2	57.8	59.0	59.9	60.1	60.2	60.3	60.3	60.5	60.5	60.5	60.8
≥ 1500	48.0	55.2	57.1	58.7	61.5	62.5	64.4	66.0	66.6	66.7	66.8	66.8	67.0	67.0	67.0	67.2
≥ 1200	49.6	57.1	59.2	61.3	64.4	65.4	67.3	69.0	69.8	70.0	70.1	70.2	70.4	70.5	70.5	70.8
≥ 1000	51.4	59.6	62.2	64.8	68.1	69.1	71.5	73.2	74.0	74.3	74.5	74.5	74.7	74.8	74.8	75.1
≥ 900	51.8	61.0	63.7	66.7	70.0	71.1	73.5	75.5	76.2	76.7	77.1	77.1	77.3	77.4	77.4	77.6
≥ 800	52.0	61.3	64.3	67.5	71.2	72.5	75.3	77.2	78.4	78.8	79.6	79.6	79.8	79.9	79.9	80.1
≥ 700	52.4	61.8	65.5	68.9	72.8	74.2	77.6	79.7	80.9	81.3	82.0	82.0	82.3	82.4	82.4	82.6
≥ 600	52.9	62.7	66.7	70.2	74.2	75.9	79.7	81.7	82.9	83.3	84.2	84.2	84.4	84.5	84.5	84.7
≥ 500	53.2	63.0	67.4	71.1	75.5	77.8	82.2	84.3	85.5	85.9	87.3	87.3	88.0	88.1	88.4	88.6
≥ 400	53.5	63.4	68.0	71.9	77.1	79.5	84.5	86.8	88.0	88.7	90.4	90.5	91.3	91.4	91.7	91.9
≥ 300	53.5	63.7	68.2	72.3	77.6	80.2	85.6	87.8	89.1	90.2	92.6	92.9	94.1	94.2	94.6	94.8
≥ 200	53.5	63.7	68.2	72.3	77.8	80.5	86.0	88.6	90.5	91.7	94.6	94.9	96.8	97.2	98.4	98.9
≥ 100	53.5	63.7	68.2	72.3	77.8	80.5	86.0	88.6	90.5	91.7	94.9	95.4	97.3	97.8	99.0	100.0
≥ 0	53.5	63.7	68.2	72.3	77.8	80.5	86.0	88.6	90.5	91.7	94.9	95.4	97.3	97.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 68-77 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥	≥1	≥1	≥1	≥1	≥	≥5/8	≥1/4	≥0
NO CEILING	18.7	19.8	20.1	20.2	20.2	20.2	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
≥ 20000	19.8	21.0	21.3	21.4	21.4	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
≥ 18000	20.2	21.5	21.9	22.0	22.0	22.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
≥ 16000	20.7	22.0	22.3	22.4	22.4	22.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 14000	21.5	22.8	23.1	23.3	23.3	23.4	23.6	23.6	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
≥ 12000	23.6	25.0	25.4	25.6	25.7	25.8	26.0	26.0	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
≥ 10000	24.1	25.5	25.9	26.2	26.3	26.4	26.6	26.6	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
≥ 9000	24.7	26.0	26.6	26.8	26.9	27.0	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 8000	25.6	27.2	27.8	28.1	28.2	28.3	28.5	28.5	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
≥ 7000	26.5	28.3	29.0	29.3	29.4	29.5	29.7	29.7	29.8	29.8	29.8	29.6	29.8	29.8	29.8	29.8
≥ 6000	26.9	29.0	29.6	29.9	30.0	30.1	30.4	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
≥ 5000	28.8	31.0	31.8	32.1	32.3	32.4	32.6	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
≥ 4500	29.7	32.0	32.7	33.2	33.4	33.5	33.7	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
≥ 4000	31.0	33.4	34.4	34.9	35.2	35.3	35.6	36.0	36.1	36.2	36.4	36.4	36.4	36.4	36.4	36.4
≥ 3500	32.4	35.5	36.6	37.1	37.6	37.7	38.1	38.4	38.5	38.6	39.0	39.0	39.0	39.0	39.0	39.0
≥ 3000	33.9	38.1	39.4	40.0	41.1	41.2	41.7	42.0	42.1	42.2	42.5	42.5	42.7	42.7	42.7	42.7
≥ 2500	38.4	43.8	45.2	46.1	47.8	48.0	48.9	49.3	49.5	49.7	50.1	50.1	50.3	50.3	50.3	50.3
≥ 2000	42.3	48.8	50.4	51.7	53.9	54.4	55.3	56.1	56.7	57.2	57.8	57.8	58.1	58.1	58.1	58.1
≥ 1800	43.1	49.6	51.3	52.7	55.3	55.8	56.7	57.5	58.1	58.6	59.3	59.3	59.6	59.6	59.6	59.6
≥ 1500	44.9	51.8	53.8	55.3	58.4	58.9	60.4	61.5	62.3	63.2	63.9	63.9	64.3	64.3	64.4	64.4
≥ 1200	47.0	54.9	57.3	59.1	62.8	63.4	64.9	66.3	67.3	68.2	69.4	69.5	69.9	69.9	70.1	70.1
≥ 1000	48.1	56.4	59.2	61.4	65.0	65.7	67.2	68.8	70.2	71.5	72.8	72.9	73.3	73.4	73.6	73.6
≥ 900	48.3	57.3	60.4	62.6	66.6	67.3	69.1	70.7	72.2	73.5	74.9	75.0	75.6	75.7	75.9	75.9
≥ 800	48.3	57.6	60.8	63.1	67.2	67.9	70.0	71.9	73.5	75.2	76.7	76.9	77.8	77.9	78.1	78.1
≥ 700	48.5	58.1	61.7	64.2	68.7	69.8	71.9	74.1	75.8	77.5	79.3	79.5	80.6	80.7	80.9	80.9
≥ 600	48.8	58.9	62.6	65.1	69.8	70.9	73.4	75.7	77.6	79.7	81.6	81.8	82.9	83.0	83.2	83.2
≥ 500	49.1	59.5	63.4	66.0	70.9	72.8	75.8	78.6	80.6	82.7	85.3	85.6	86.7	86.8	87.0	87.1
≥ 400	49.1	59.7	63.6	66.2	71.4	73.8	77.6	80.8	83.3	85.9	88.8	89.2	90.3	90.5	90.7	91.0
≥ 300	49.2	59.8	63.8	66.4	71.7	74.4	78.5	82.0	85.1	88.2	92.0	92.6	94.4	94.8	95.0	95.3
≥ 200	49.2	59.8	63.8	66.4	71.7	74.4	78.5	82.0	85.3	88.3	92.8	93.5	96.3	97.4	98.4	98.8
≥ 100	49.2	59.8	63.8	66.4	71.7	74.4	78.5	82.0	85.3	88.3	92.8	93.5	96.4	97.7	99.0	100.0
≥ 0	49.2	59.8	63.8	66.4	71.7	74.4	78.5	82.0	85.3	88.3	92.8	93.5	96.4	97.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 8-77 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	19.3	19.4	19.5	19.5	19.5	19.5	19.5	19.6	19.6	19.6	19.7	19.7	19.7	19.7	19.7
≥ 20000	21.6	21.9	22.0	22.0	22.0	22.0	22.0	22.1	22.1	22.1	22.2	22.2	22.2	22.2	22.2
≥ 18000	22.5	22.7	22.8	22.8	22.8	22.8	22.8	22.9	22.9	22.9	23.0	23.0	23.0	23.0	23.0
≥ 16000	23.1	23.4	23.5	23.5	23.5	23.5	23.5	23.6	23.6	23.6	23.7	23.7	23.7	23.7	23.7
≥ 14000	24.1	24.3	24.4	24.4	24.4	24.4	24.4	24.5	24.5	24.5	24.7	24.7	24.7	24.7	24.7
≥ 12000	25.7	26.0	26.2	26.2	26.2	26.2	26.2	26.3	26.3	26.3	26.4	26.4	26.4	26.4	26.4
≥ 10000	26.7	27.1	27.2	27.2	27.2	27.2	27.2	27.3	27.3	27.3	27.4	27.4	27.4	27.4	27.4
≥ 9000	27.6	28.0	28.1	28.1	28.1	28.1	28.1	28.2	28.2	28.2	28.3	28.3	28.3	28.3	28.3
≥ 8000	29.1	29.5	29.7	29.7	29.7	29.7	29.7	29.8	29.8	29.8	29.9	29.9	29.9	29.9	29.9
≥ 7000	29.8	30.2	30.5	30.5	30.5	30.5	30.5	30.6	30.6	30.6	30.7	30.7	30.7	30.7	30.7
≥ 6000	30.6	31.0	31.2	31.2	31.2	31.2	31.2	31.3	31.3	31.3	31.6	31.6	31.6	31.6	31.8	31.8
≥ 5000	32.3	32.8	33.3	33.3	33.4	33.4	33.6	33.7	33.7	33.7	34.0	34.0	34.0	34.0	34.1	34.1
≥ 4500	32.7	33.3	33.7	33.7	33.8	33.8	34.0	34.1	34.1	34.1	34.4	34.4	34.4	34.4	34.6	34.6
≥ 4000	34.6	35.2	35.8	36.0	36.1	36.1	36.4	36.5	36.5	36.6	36.9	36.9	36.9	36.9	37.0	37.0
≥ 3500	35.3	36.2	36.8	36.9	37.5	37.5	37.9	38.1	38.1	38.2	38.5	38.5	38.5	38.5	38.6	38.6
≥ 3000	39.2	40.9	41.6	41.8	42.5	42.7	43.2	43.5	43.5	43.6	44.0	44.0	44.0	44.0	44.1	44.1
≥ 2500	44.0	46.9	47.9	48.2	49.7	50.1	50.6	50.9	51.0	51.1	51.1	51.6	51.6	51.6	51.7	51.7
≥ 2000	47.3	51.3	52.7	53.5	55.9	56.5	57.4	58.1	58.7	59.0	59.6	59.6	59.6	59.6	60.1	60.1
≥ 1800	48.9	53.8	55.2	56.0	58.4	59.1	60.2	60.9	61.5	61.8	62.4	62.4	62.4	62.4	62.9	62.9
≥ 1500	50.7	57.3	58.9	59.7	63.0	63.8	65.2	66.3	67.3	67.7	68.8	68.8	68.8	68.8	69.2	69.2
≥ 1200	51.8	59.1	61.2	62.4	66.0	67.0	68.5	69.5	70.8	71.6	72.7	72.7	72.7	72.7	73.1	73.1
≥ 1000	52.5	60.6	63.2	64.6	68.2	69.3	70.9	72.2	73.6	74.7	76.4	76.4	76.5	76.5	77.0	77.0
≥ 900	53.0	62.0	64.6	66.4	70.3	71.7	73.3	74.7	76.2	77.3	79.1	79.2	79.3	79.3	79.8	79.8
≥ 800	53.1	62.4	65.1	67.2	71.2	72.6	74.2	75.8	77.3	78.5	80.4	80.6	80.8	80.8	81.3	81.3
≥ 700	53.4	63.1	65.8	67.8	72.0	73.5	75.3	77.4	79.0	80.4	82.6	82.8	83.0	83.0	83.4	83.4
≥ 600	53.6	63.5	66.2	68.2	72.7	74.5	76.4	78.8	80.5	82.1	84.5	84.7	85.0	85.0	85.5	85.5
≥ 500	53.8	64.3	67.2	69.2	74.6	76.9	78..	81.4	83.3	85.5	87.9	88.3	89.0	89.2	89.8	89.8
≥ 400	53.8	64.4	67.3	69.3	75.2	77.5	79.7	82.6	84.7	87.1	90.0	90.5	91.4	91.8	92.6	92.6
≥ 300	53.8	64.4	67.3	69.3	75.3	77.6	80.0	83.6	86.0	88.9	92.0	92.7	94.2	95.0	95.9	95.9
≥ 200	53.8	64.4	67.3	69.3	75.3	77.6	80.0	83.6	86.2	89.3	92.9	94.0	96.0	97.0	98.4	98.6
≥ 100	53.8	64.4	67.4	69.4	75.5	77.7	80.1	83.7	86.3	89.5	93.0	94.1	96.1	97.4	99.1	100.0
≥ 0	53.8	64.4	67.4	69.4	75.5	77.7	80.1	83.7	86.3	89.5	93.0	94.1	96.1	97.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 68-77 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥¼
NO CEILING	21.4	21.6	21.6	21.6	21.7	21.7	21.7	21.7	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8
≥ 20000	23.5	23.8	23.8	23.8	23.9	23.9	23.9	23.9	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 18000	24.0	24.2	24.2	24.2	24.3	24.3	24.3	24.3	24.3	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 16000	24.3	24.5	24.5	24.5	24.6	24.6	24.6	24.6	24.6	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 14000	25.3	25.5	25.5	25.5	25.6	25.6	25.6	25.6	25.6	25.7	25.7	25.7	25.7	25.7	25.7	25.7
≥ 12000	27.0	27.3	27.3	27.3	27.4	27.4	27.4	27.4	27.4	27.5	27.5	27.5	27.5	27.5	27.5	27.5
≥ 10000	29.1	29.5	29.5	29.5	29.6	29.6	29.6	29.6	29.6	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 9000	29.7	30.1	30.1	30.1	30.2	30.2	30.2	30.2	30.2	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 8000	31.7	32.3	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5
≥ 7000	33.5	34.1	34.1	34.1	34.2	34.2	34.2	34.2	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 6000	34.0	34.5	34.5	34.5	34.6	34.6	34.6	34.6	34.6	34.7	34.7	34.7	34.8	34.8	34.8	34.8
≥ 5000	35.5	36.0	36.0	36.0	36.1	36.1	36.2	36.2	36.2	36.6	36.6	36.6	36.8	36.8	36.8	36.8
≥ 4500	36.1	36.8	36.8	36.8	36.9	36.9	37.0	37.0	37.0	37.3	37.3	37.3	37.5	37.5	37.5	37.5
≥ 4000	37.4	38.5	38.6	38.6	38.7	38.7	38.8	38.8	38.8	39.1	39.1	39.1	39.4	39.4	39.4	39.4
≥ 3500	39.2	40.6	40.8	40.8	41.0	41.0	41.1	41.1	41.1	41.4	41.4	41.4	41.6	41.6	41.6	41.6
≥ 3000	43.0	45.4	45.9	45.9	46.5	46.6	47.0	47.0	47.0	47.3	47.3	47.3	47.5	47.5	47.5	47.5
≥ 2500	48.3	51.2	52.6	52.6	53.7	54.0	54.5	54.9	54.9	55.3	55.3	55.3	55.5	55.5	55.5	55.5
≥ 2000	52.0	56.2	58.0	58.1	59.7	60.2	61.4	61.9	62.3	62.9	63.0	63.0	63.2	63.2	63.3	63.3
≥ 1800	52.8	57.6	59.8	60.0	61.6	62.2	63.4	64.1	64.5	65.2	65.3	65.3	65.5	65.5	65.6	65.6
≥ 1500	54.8	60.6	63.2	63.5	66.0	66.8	68.6	69.6	70.5	71.3	71.6	71.6	71.8	71.8	71.9	72.0
≥ 1200	55.9	62.0	64.8	65.4	68.2	69.1	71.2	72.2	73.3	74.3	74.6	74.6	74.9	74.9	75.1	75.2
≥ 1000	57.2	63.9	66.7	67.4	70.6	71.9	74.5	75.5	76.8	78.0	78.4	78.4	79.1	79.1	79.2	79.4
≥ 900	57.4	64.4	67.6	68.7	72.2	73.5	76.1	77.2	78.5	79.8	80.4	80.4	81.2	81.2	81.3	81.4
≥ 800	57.5	64.5	68.0	69.0	72.8	74.3	77.1	78.2	79.8	81.3	82.7	82.7	83.7	83.7	83.8	83.9
≥ 700	57.7	65.3	68.7	69.9	73.9	75.4	78.5	80.1	82.3	84.1	85.6	85.6	86.6	86.6	86.7	86.8
≥ 600	58.3	65.8	69.5	70.6	74.6	76.1	79.5	81.1	83.2	85.2	87.0	87.0	88.0	88.0	88.1	88.2
≥ 500	58.4	66.3	70.3	71.5	75.8	77.4	81.0	82.7	85.1	87.0	89.2	89.2	90.6	90.8	90.9	91.0
≥ 400	58.4	66.3	70.3	71.5	76.3	78.1	82.0	84.0	86.7	88.9	91.5	91.6	93.2	93.4	93.9	94.0
≥ 300	58.4	66.3	70.3	71.5	76.5	78.2	82.3	84.3	87.0	89.6	92.5	92.8	95.2	95.5	96.0	96.1
≥ 200	58.4	66.3	70.3	71.5	76.5	78.3	82.4	84.6	87.6	90.4	93.7	94.1	97.0	98.1	98.9	99.4
≥ 100	58.4	66.3	70.3	71.5	76.5	78.3	82.4	84.6	87.6	90.4	93.7	94.1	97.0	98.4	99.4	100.0
≥ 0	58.4	66.3	70.3	71.5	76.5	78.3	82.4	84.6	87.6	90.4	93.7	94.1	97.0	98.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94826 K I SAWYER AFB MI 68-77 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	<¼	≥5/16	≥¼	≥0
NO CEILING	24.9	25.7	25.8	25.8	25.9	25.9	25.9	26.0	26.0	26.0	26.0	26.0	26.2	26.2	26.3	26.3
≥ 20000	26.3	27.1	27.2	27.2	27.3	27.3	27.3	27.4	27.4	27.4	27.4	27.4	27.6	27.6	27.7	27.7
≥ 18000	26.7	27.4	27.5	27.5	27.6	27.6	27.6	27.7	27.7	27.7	27.7	27.7	28.0	28.0	28.1	28.1
≥ 16000	26.8	27.5	27.6	27.6	27.7	27.7	27.7	27.8	27.8	27.8	27.8	27.8	28.1	28.1	28.2	28.2
≥ 14000	27.5	28.4	28.7	28.7	28.8	28.8	28.8	28.9	28.9	28.9	28.9	28.9	29.1	29.1	29.2	29.2
≥ 12000	27.7	28.7	29.0	29.0	29.1	29.1	29.1	29.2	29.2	29.2	29.2	29.2	29.5	29.5	29.6	29.6
≥ 10000	29.1	30.2	30.9	30.9	31.0	31.0	31.0	31.1	31.1	31.1	31.1	31.1	31.3	31.3	31.4	31.4
≥ 9000	30.0	31.1	31.7	31.7	31.8	31.8	31.8	31.9	31.9	31.9	31.9	31.9	32.2	32.2	32.3	32.3
≥ 8000	31.1	32.2	32.3	32.8	32.9	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.2	33.2	33.3	33.3
≥ 7000	32.5	33.5	34.2	34.2	34.3	34.3	34.3	34.4	34.5	34.5	34.5	34.5	34.7	34.7	34.8	34.8
≥ 6000	33.4	34.6	35.5	35.5	35.6	35.6	35.6	35.7	35.8	35.8	35.8	35.8	36.0	36.0	36.1	36.1
≥ 5000	35.5	37.2	38.1	38.1	38.3	38.3	38.5	38.6	38.7	38.7	38.7	38.7	38.9	38.9	39.0	39.0
≥ 4500	36.0	37.8	38.9	38.9	39.2	39.2	39.7	40.0	40.1	40.1	40.1	40.1	40.3	40.3	40.4	40.4
≥ 4000	37.7	40.0	41.1	41.1	41.5	41.5	41.9	42.3	42.4	42.4	42.4	42.4	42.6	42.6	42.7	42.7
≥ 3500	38.8	41.3	42.6	42.6	43.1	43.1	43.5	43.9	44.0	44.0	44.0	44.0	44.2	44.2	44.3	44.3
≥ 3000	41.4	44.2	45.7	45.7	46.5	46.7	47.1	47.4	47.5	47.5	47.5	47.5	47.7	47.7	47.8	47.8
≥ 2500	44.8	48.2	49.8	49.9	51.0	51.2	51.7	52.2	52.7	52.7	52.8	52.8	53.0	53.0	53.1	53.1
≥ 2000	48.1	53.5	55.4	55.5	57.2	57.7	58.6	59.5	60.1	60.3	60.4	60.4	60.8	60.8	60.9	60.9
≥ 1800	48.5	54.8	56.7	56.9	58.6	59.1	60.0	60.9	61.5	61.7	61.8	61.8	62.2	62.2	62.3	62.3
≥ 1500	51.1	59.4	61.3	61.7	63.9	64.7	66.5	67.4	68.3	68.7	68.8	68.8	69.1	69.1	69.2	69.2
≥ 1200	53.5	62.0	64.3	64.9	67.3	68.2	70.2	71.4	72.5	73.0	73.4	73.4	73.8	73.8	73.9	73.9
≥ 1000	54.7	63.3	65.6	66.6	69.4	70.5	73.2	74.9	76.7	77.5	78.3	78.3	78.7	78.7	78.8	78.8
≥ 900	55.8	64.6	66.9	67.8	70.8	71.9	74.6	76.3	78.1	79.0	79.8	79.8	80.2	80.2	80.3	80.3
≥ 800	56.3	65.2	67.4	68.5	71.8	73.0	75.8	78.4	80.2	81.3	82.5	82.5	82.9	82.9	83.0	83.0
≥ 700	56.6	65.7	68.2	69.4	73.0	74.2	77.2	80.2	82.2	83.5	85.1	85.2	85.6	85.6	85.7	85.7
≥ 600	57.4	66.8	69.2	70.5	74.6	75.8	79.0	82.3	84.4	85.8	87.4	87.5	88.1	88.1	88.2	88.2
≥ 500	57.7	67.4	70.0	71.3	75.8	77.2	80.8	84.3	87.2	88.8	90.5	90.8	91.9	91.9	92.0	92.0
≥ 400	57.8	67.5	70.2	71.5	76.3	78.6	82.6	86.5	89.5	91.1	93.0	93.3	94.6	94.6	94.9	94.9
≥ 300	57.8	67.5	70.3	71.6	76.8	79.1	83.5	87.7	91.3	93.5	95.7	96.0	97.7	97.8	98.2	98.2
≥ 200	57.8	67.5	70.4	71.7	76.9	79.2	83.8	88.0	91.5	94.0	96.3	96.8	98.8	98.9	99.2	99.5
≥ 100	57.8	67.5	70.4	71.7	76.9	79.2	83.8	88.0	91.5	94.0	96.3	96.8	98.8	98.9	99.2	99.9
≥ 0	57.8	67.5	70.4	71.7	76.9	79.2	83.8	88.0	91.5	94.0	96.3	96.8	98.8	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 8-77 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥⅛	≥0	≥5/16	≥¼	≥0
NO CEILING	26.0	26.3	26.3	26.3	27.0	27.0	27.1	27.1	27.1	27.1	27.1	27.2	27.3	27.4	27.4	27.4
≥ 20000	26.6	26.9	26.9	26.9	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.7	27.8	28.0	28.0	28.0
≥ 18000	26.6	26.9	26.9	26.9	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.7	27.8	28.0	28.0	28.0
≥ 16000	26.6	26.9	26.9	26.9	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.7	27.8	28.0	28.0	28.0
≥ 14000	26.9	27.2	27.2	27.2	27.8	27.8	28.0	28.0	28.0	28.0	28.0	28.1	28.2	28.3	28.3	28.3
≥ 12000	27.2	27.6	27.6	27.6	28.3	28.3	28.4	28.4	28.4	28.4	28.4	28.5	28.6	28.7	28.7	28.7
≥ 10000	29.1	29.7	29.7	29.7	30.3	30.3	30.4	30.4	30.4	30.4	30.4	30.5	30.6	30.8	30.8	30.8
≥ 9000	30.3	31.0	31.0	31.0	31.6	31.6	31.7	31.7	31.7	31.7	31.7	31.8	31.9	32.0	32.0	32.0
≥ 8000	31.1	31.8	31.8	31.8	32.5	32.5	32.6	32.6	32.6	32.6	32.6	32.7	32.8	32.9	32.9	32.9
≥ 7000	31.8	32.6	32.6	32.6	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.4	33.5	33.7	33.7	33.7
≥ 6000	32.4	33.1	33.1	33.1	33.8	33.8	33.9	33.9	33.9	33.9	33.9	34.0	34.1	34.2	34.2	34.2
≥ 5000	34.1	5.3	35.5	35.5	36.2	36.3	36.5	36.5	36.5	36.5	36.5	36.6	36.7	36.8	36.8	36.8
≥ 4500	35.3	36.7	37.2	37.3	38.1	38.3	38.5	38.5	38.5	38.5	38.5	38.6	38.7	38.8	38.8	38.8
≥ 4000	37.4	39.7	40.3	40.4	41.2	41.4	41.6	41.6	41.7	41.7	41.7	41.8	41.9	42.0	42.0	42.0
≥ 3500	38.7	41.5	42.2	42.3	43.0	43.3	43.7	43.7	43.8	43.8	43.8	43.9	44.0	44.1	44.1	44.1
≥ 3000	40.5	43.7	44.8	44.9	45.9	46.2	46.7	46.7	46.8	46.8	46.8	46.9	47.0	47.1	47.1	47.1
≥ 2500	43.3	47.3	49.1	49.6	51.4	51.9	52.5	52.5	52.8	52.9	52.9	53.0	53.1	53.2	53.2	53.2
≥ 2000	46.3	52.5	54.6	55.3	57.6	58.6	59.2	59.2	59.7	59.9	59.9	60.0	60.1	60.2	60.2	60.2
≥ 1800	47.6	54.0	56.2	56.9	59.4	60.5	61.4	61.5	62.0	62.4	62.4	62.5	62.6	62.7	62.7	62.7
≥ 1500	51.5	58.8	61.3	62.3	64.9	66.5	68.4	68.7	69.7	70.1	70.1	70.2	70.3	70.4	70.4	70.4
≥ 1200	53.7	61.4	63.9	64.9	67.8	69.5	71.8	72.5	73.4	74.0	74.2	74.3	74.4	74.5	74.5	74.5
≥ 1000	56.0	64.2	66.8	68.1	71.2	72.9	75.5	76.5	77.6	78.5	79.0	79.2	79.4	79.5	79.5	79.5
≥ 900	56.1	64.6	67.2	68.5	71.8	73.5	76.1	77.2	78.6	79.5	80.2	80.4	80.5	80.6	80.6	80.6
≥ 800	56.7	65.8	68.5	70.0	73.9	75.6	78.5	79.8	81.4	82.4	83.3	83.5	83.7	83.8	83.8	83.8
≥ 700	56.8	66.0	68.7	70.8	74.8	76.7	79.7	81.0	82.7	84.1	85.2	85.4	85.7	85.8	85.8	85.8
≥ 600	56.9	66.2	69.1	71.4	75.7	77.5	80.8	82.3	84.4	85.9	87.1	87.3	87.6	87.7	87.7	87.7
≥ 500	57.1	66.7	69.8	72.2	76.7	78.7	82.0	83.5	86.1	87.8	89.7	89.9	90.6	90.9	90.9	90.9
≥ 400	57.1	67.0	70.2	72.8	77.7	80.1	83.8	85.6	89.0	90.8	92.7	93.0	94.0	94.4	94.4	94.4
≥ 300	57.1	67.0	70.2	72.8	78.4	81.1	84.8	86.9	90.8	92.6	95.1	95.4	96.7	97.2	97.2	97.2
≥ 200	57.1	67.0	70.2	72.8	78.4	81.1	84.9	87.3	91.3	93.2	96.7	97.0	98.5	99.2	99.2	99.4
≥ 100	57.1	67.0	70.2	72.8	78.4	81.1	84.9	87.3	91.3	93.2	96.7	97.0	98.5	99.5	99.6	99.8
≥ 0	57.1	67.0	70.2	72.8	78.4	81.1	84.9	87.3	91.3	93.2	96.7	97.0	98.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 8-77 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING (FEET)	SUBSTATUTE VALUES																
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	1	5/8	½	≤0
NO CEILING	22.3	22.9	23.1	23.2	23.3	23.4	23.5	23.5	23.5	23.6	23.6	23.6	23.7	23.7	23.8	23.8
≥ 20000	23.5	24.2	24.4	24.5	24.6	24.6	24.8	24.8	24.8	24.8	24.9	24.9	25.0	25.0	25.0	25.2
≥ 15000	23.8	24.5	24.7	24.8	25.0	25.0	25.1	25.2	25.2	25.2	25.2	25.3	25.4	25.4	25.4	25.5
≥ 14000	24.0	24.7	24.9	25.0	25.2	25.2	25.3	25.4	25.4	25.4	25.5	25.5	25.6	25.6	25.6	25.7
≥ 13000	24.5	25.3	25.5	25.6	25.7	25.8	25.9	26.0	26.0	26.0	26.0	26.0	26.2	26.2	26.2	26.3
≥ 12000	25.5	26.3	26.6	26.7	26.8	26.9	27.0	27.0	27.1	27.1	27.1	27.1	27.3	27.3	27.3	27.4
≥ 10000	26.9	27.8	28.1	28.2	28.4	28.5	28.6	28.6	28.7	28.7	28.7	28.7	28.8	28.9	28.9	29.0
≥ 9000	27.7	28.6	29.0	29.1	29.3	29.4	29.5	29.5	29.6	29.6	29.6	29.6	29.7	29.8	29.8	29.9
≥ 8000	28.7	29.7	30.2	30.3	30.5	30.5	30.6	30.7	30.7	30.7	30.7	30.8	30.9	30.9	30.9	31.0
≥ 7000	29.7	30.7	31.2	31.3	31.5	31.5	31.6	31.7	31.7	31.7	31.7	31.8	31.9	31.9	31.9	32.0
≥ 6000	30.4	31.5	32.0	32.1	32.3	32.3	32.5	32.5	32.6	32.6	32.6	32.6	32.8	32.8	32.8	32.9
≥ 5000	32.6	34.1	34.7	34.9	35.2	35.3	35.5	35.6	35.6	35.7	35.7	35.7	35.9	35.9	35.9	36.1
≥ 4500	33.3	35.0	35.7	35.9	36.3	36.4	36.6	36.7	36.8	36.8	36.9	36.9	37.0	37.0	37.1	37.2
≥ 4000	35.0	37.1	38.0	38.2	38.6	38.7	39.0	39.2	39.2	39.3	39.4	39.4	39.6	39.6	39.6	39.7
≥ 3500	36.1	38.6	39.5	39.8	40.3	40.4	40.8	40.9	41.0	41.1	41.2	41.2	41.3	41.4	41.4	41.5
≥ 3000	38.8	41.9	43.0	43.4	44.3	44.4	44.8	45.0	45.1	45.2	45.3	45.3	45.5	45.5	45.6	45.7
≥ 2500	42.8	47.0	48.6	49.1	50.5	50.8	51.4	51.7	51.9	52.0	52.1	52.1	52.3	52.3	52.4	52.5
≥ 2000	46.3	51.8	53.-	54.4	56.4	57.0	58.0	58.5	58.9	59.2	59.4	59.4	59.6	59.7	59.8	59.9
≥ 1800	47.5	53.4	55.3	56.3	58.4	59.0	60.1	60.6	61.1	61.4	61.6	61.6	61.8	61.8	61.9	62.1
≥ 1500	50.4	57.1	59.5	60.6	63.2	64.1	65.9	66.8	67.6	68.0	68.3	68.4	68.6	68.6	68.7	68.8
≥ 1200	52.3	59.5	62.1	63.5	66.5	67.4	69.4	70.5	71.4	72.0	72.4	72.5	72.7	72.7	72.8	73.0
≥ 1000	53.9	61.6	64.5	66.2	69.4	70.5	72.8	74.1	75.2	76.0	76.7	76.8	77.1	77.1	77.2	77.4
≥ 900	54.3	62.7	65.7	67.6	70.9	72.1	74.5	75.9	77.2	78.0	78.9	78.9	79.3	79.3	79.4	79.6
≥ 800	54.6	63.1	66.3	68.2	71.8	73.1	75.7	77.3	78.9	79.8	81.0	81.1	81.6	81.6	81.7	81.8
≥ 700	54.9	63.7	67.1	69.2	73.0	74.4	77.2	79.2	80.8	82.0	83.4	83.5	84.0	84.1	84.2	84.3
≥ 600	55.3	64.4	67.9	70.1	74.2	75.7	78.8	80.9	82.8	84.1	85.6	85.7	86.3	86.3	86.4	86.6
≥ 500	55.5	64.9	68.7	71.1	75.6	77.3	80.8	83.1	85.2	86.6	88.5	88.7	89.6	89.7	89.9	90.0
≥ 400	55.6	65.2	69.0	71.5	76.4	78.5	82.5	85.0	87.3	89.0	91.2	91.5	92.5	92.7	93.0	93.1
≥ 300	55.6	65.3	69.1	71.6	76.8	79.1	83.4	86.1	88.8	90.8	93.5	93.8	95.3	95.7	96.0	96.1
≥ 200	55.6	65.3	69.1	71.6	76.8	79.2	83.6	86.5	89.4	91.6	94.7	95.2	97.3	98.0	98.6	99.1
≥ 100	55.6	65.3	69.1	71.6	76.9	79.2	83.6	86.5	89.4	91.7	94.8	95.3	97.5	98.3	99.2	99.9
≥ 0	55.6	65.3	69.1	71.6	76.9	79.2	83.6	86.5	89.4	91.7	94.8	95.3	97.5	98.3	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7437

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94836 K I SAWYER AFB MI 08-78 ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING FEET	VISIBILITY IN STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥¾	≥½	≥¼	≥⅛	≥0	≥¼	≥½	≥¾	≥1
NO CEILING	40.5	41.7	42.1	42.4	42.7	42.8	42.9	43.0	43.1	43.1	43.2	43.2	43.3	43.3	43.3	43.4
≥ 20000	43.5	44.9	45.4	45.7	46.1	46.2	46.3	46.4	46.5	46.5	46.6	46.6	46.7	46.7	46.7	46.8
≥ 15000	43.9	45.3	45.8	46.1	46.5	46.6	46.7	46.8	46.9	46.9	47.0	47.0	47.1	47.1	47.2	47.3
≥ 9000	44.1	45.5	46.1	46.3	46.7	46.8	47.0	47.0	47.1	47.2	47.2	47.2	47.3	47.3	47.4	47.5
≥ 7000	44.8	46.3	46.8	47.1	47.5	47.6	47.8	47.9	47.9	48.0	48.0	48.0	48.1	48.1	48.2	48.3
≥ 5000	46.0	47.6	48.1	48.4	48.8	48.9	49.1	49.2	49.2	49.3	49.4	49.4	49.5	49.5	49.5	49.6
≥ 3000	48.1	49.8	50.4	50.7	51.2	51.2	51.4	51.5	51.6	51.6	51.7	51.7	51.8	51.8	51.9	52.0
≥ 2500	48.7	50.4	51.0	51.3	51.8	51.9	52.1	52.2	52.3	52.3	52.4	52.4	52.5	52.5	52.5	52.6
≥ 2000	50.1	52.0	52.6	52.9	53.4	53.5	53.7	53.8	53.9	54.0	54.0	54.0	54.1	54.2	54.2	54.3
≥ 1800	51.4	53.3	54.0	54.3	54.9	54.9	55.1	55.3	55.4	55.4	55.5	55.5	55.6	55.6	55.7	55.8
≥ 1500	52.6	54.7	55.4	55.7	56.3	56.4	56.6	56.8	56.8	56.9	57.0	57.0	57.1	57.1	57.2	57.3
≥ 1200	54.8	57.0	57.8	58.3	58.9	59.0	59.3	59.4	59.5	59.6	59.7	59.7	59.8	59.8	59.9	60.0
≥ 1000	55.6	58.0	58.9	59.3	60.0	60.1	60.4	60.5	60.6	60.7	60.8	60.8	60.9	60.9	61.0	61.1
≥ 900	57.7	60.5	61.4	61.9	62.7	62.9	63.2	63.4	63.5	63.6	63.6	63.7	63.8	63.8	63.9	63.9
≥ 800	58.9	61.8	62.8	63.3	64.2	64.3	64.7	64.9	65.0	65.1	65.1	65.2	65.3	65.3	65.4	65.4
≥ 700	61.4	64.7	65.8	66.4	67.5	67.7	68.1	68.4	68.5	68.6	68.7	68.7	68.8	68.8	68.9	69.0
≥ 600	64.1	67.8	69.2	70.0	71.3	71.5	72.0	72.3	72.5	72.6	72.7	72.7	72.9	72.9	73.0	73.0
≥ 500	66.5	70.7	72.3	73.2	74.8	75.1	75.8	76.2	76.4	76.6	76.8	76.8	76.9	76.9	77.0	77.1
≥ 400	67.2	71.6	73.2	74.1	75.7	76.1	76.8	77.2	77.5	77.7	77.8	77.8	78.0	78.0	78.1	78.2
≥ 300	69.1	73.9	75.7	76.7	78.6	79.0	79.9	80.5	80.8	81.1	81.2	81.3	81.4	81.5	81.5	81.6
≥ 200	70.2	75.4	77.3	78.4	80.5	81.0	82.0	82.6	83.0	83.3	83.5	83.6	83.7	83.8	83.8	83.9
≥ 100	71.0	76.4	78.4	79.7	81.9	82.4	83.7	84.4	84.8	85.2	85.6	85.6	85.8	85.8	85.9	86.0
≥ 0	71.3	76.9	79.0	80.3	82.7	83.2	84.5	85.2	85.7	86.1	86.5	86.5	86.8	86.8	86.9	87.0
	71.6	77.3	79.6	80.9	83.4	84.0	85.3	86.1	86.7	87.2	87.6	87.7	87.9	88.0	88.1	88.2
	71.8	77.7	80.0	81.5	84.1	84.8	86.2	87.1	87.7	88.3	88.9	88.9	89.2	89.3	89.4	89.5
	72.0	78.0	80.5	81.9	84.8	85.5	87.1	88.1	88.8	89.4	90.0	90.1	90.4	90.5	90.6	90.7
	72.2	78.4	80.9	82.5	85.6	86.6	88.5	89.7	90.5	91.2	92.0	92.1	92.5	92.6	92.8	92.9
	72.2	78.5	81.2	82.8	86.3	87.2	89.3	90.8	91.7	92.6	93.5	93.6	94.1	94.2	94.4	94.6
	72.3	78.6	81.3	83.0	86.6	87.6	90.0	91.7	92.9	94.0	95.1	95.3	96.0	96.2	96.5	96.7
	72.3	78.6	81.3	83.0	86.7	87.7	90.2	92.0	93.4	94.6	96.1	96.3	97.4	97.7	98.3	98.9
	72.3	78.6	81.3	83.0	86.7	87.7	90.2	92.0	93.4	94.7	96.2	96.4	97.6	98.0	98.8	99.9
	72.3	78.6	81.3	83.0	86.7	87.7	90.2	92.0	93.4	94.7	96.2	96.4	97.6	98.0	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 87586

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 74-78 (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	15.3			15.3						14.2	55.3	7.3	459
	03-05	14.2			13.8						15.5	56.6	7.5	465
	06-08	12.1			15.3						16.6	55.9	7.6	463
	09-11	6.7			16.4						27.8	49.1	7.9	464
	12-14	5.2			11.3						26.5	50.1	7.9	465
	15-17	2.4			20.4						25.8	51.4	8.1	465
	18-20	8.2			19.4						16.8	55.6	7.7	464
	21-23	12.6			14.1						15.6	57.8	7.6	462
TOTALS		9.6			16.6						19.9	54.0	7.7	3707

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

94836 STATION | K I SAWYER AFB MI STATION NAME | 73-78 PERIOD | FEB 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	18.1			16.8						16.2	48.9	6.9	507
	03-05	16.8			13.8						14.8	54.5	7.2	506
	06-08	10.7			13.6						16.0	59.8	7.8	507
	09-11	5.5			14.8						26.8	52.9	8.1	507
	12-14	4.3			19.0						28.9	47.8	7.9	506
	15-17	2.6			21.1						28.0	48.3	8.0	507
	18-20	5.1			26.1						20.9	47.8	7.5	506
	21-23	17.8			18.2						12.6	51.4	6.8	506
TOTALS		10.1			17.9						20.5	51.4	7.5	4052

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 72-78 (PERIOD) MAR (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	26.7			13.6						8.2	51.4	6.3	558
	03-05	22.8			15.8						11.1	50.4	6.5	558
	06-08	14.2			19.9						14.2	51.7	7.0	357
	09-11	8.4			18.1						19.9	53.6	7.7	558
	12-14	5.2			19.2						21.9	53.8	7.9	558
	15-17	5.7			18.0						23.5	52.8	7.9	557
	18-20	7.3			23.1						16.1	53.4	7.5	558
	21-23	16.4			22.8						11.9	48.9	6.6	556
TOTALS		13.3			18.8						15.9	52.0	7.2	4460

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SKY COVER

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 73-78 (PERIOD) APR (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	35.3			12.3						10.8	41.6	5.5	538
	03-05	31.3			14.6						11.1	43.0	5.7	540
	06-08	15.4			19.4						20.9	44.3	6.9	540
	09-11	10.4			19.8						19.8	50.0	7.4	540
	12-14	6.7			22.8						23.1	47.4	7.5	540
	15-17	7.4			23.7						25.2	43.7	7.3	540
	18-20	12.4			26.1						21.1	40.4	6.7	540
	21-23	24.4			22.0						14.8	38.7	5.9	540
TOTALS		17.9			20.1						18.4	43.6	6.6	4318

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 73-78 (PERIOD) MAY (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	34.2			20.7						12.8	32.4	5.0	556
	03-05	28.9			20.6						15.2	35.4	5.5	554
	06-08	17.3			22.7						22.3	37.7	6.5	555
	09-11	12.2			24.4						22.6	40.9	6.8	558
	12-14	8.8			26.5						24.2	40.5	7.0	558
	15-17	6.8			28.3						30.6	34.2	7.0	558
	18-20	8.2			33.0						26.2	32.6	6.6	558
	21-23	17.6			31.9						18.3	32.3	5.8	558
TOTALS		16.8			26.0						21.5	35.8	6.3	4455

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 73-78 (PERIOD) JUN (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	26.6			24.0						18.2	31.3	5.5	534
	03-05	21.3			26.6						18.5	33.7	5.8	531
	06-08	13.0			27.3						24.2	35.5	6.6	532
	09-11	9.6			26.3						29.3	34.7	6.9	539
	12-14	5.7			23.0						36.1	35.2	7.5	540
	15-17	4.1			26.1						35.7	34.1	7.4	540
	18-20	7.8			29.9						30.8	31.5	6.8	536
	21-23	12.0			32.5						27.1	28.4	6.3	535
TOTALS		12.5			27.0						27.5	33.1	6.6	4287

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 73-78 (PERIOD) JUL (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	30.9			30.3						18.8	20.0	4.6	554
	03-05	24.2			33.2						18.7	24.0	5.1	546
	06-08	14.6			31.9						26.5	27.0	6.0	555
	09-11	12.0			35.5						23.8	28.7	6.1	558
	12-14	3.8			35.3						31.9	29.0	6.8	555
	15-17	2.5			36.8						36.4	24.2	6.8	557
	18-20	8.4			38.4						32.3	20.8	6.1	557
	21-23	13.5			44.9						21.1	20.4	5.3	554
TOTALS		13.7			35.8						26.2	24.3	5.9	4436

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 73-78 (PERIOD) AUG (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	39.3			19.5						16.6	24.7	4.5	555
	03-05	34.6			22.8						13.8	28.8	4.8	552
	06-08	13.4			33.9						19.6	33.0	6.1	551
	09-11	9.2			31.4						23.9	35.5	6.6	557
	12-14	3.6			32.0						35.2	29.3	7.1	557
	15-17	3.9			33.8						35.0	27.3	6.9	557
	18-20	6.8			40.4						27.1	25.7	6.2	557
	21-23	18.9			37.2						19.6	24.4	5.3	557
TOTALS		16.2			31.4						23.9	28.6	5.9	4443

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 73-78 (PERIOD) SEP (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	28.2			17.6						13.5	40.7	5.8	535
	03-05	25.8			18.0						14.6	41.6	6.0	534
	06-08	9.7			25.2						25.0	40.1	7.0	536
	09-11	6.1			22.1						31.4	40.4	7.5	539
	12-14	3.3			21.5						34.3	40.9	7.8	540
	15-17	4.8			24.6						33.5	37.0	7.5	540
	18-20	8.0			30.2						26.3	35.4	6.8	539
	21-23	21.3			23.5						15.6	39.6	6.1	540
TOTALS		13.4			22.6						24.3	39.5	6.8	4303

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

94836 K I SAWYER AFB MI 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	21.6			19.8						21.2	37.1	6.2	556
	03-05	23.6			16.9						15.0	44.5	6.3	555
	06-08	14.6			20.4						28.5	36.5	6.8	554
	09-11	7.7			20.8						30.9	40.6	7.5	557
	12-14	6.8			19.7						32.4	41.0	7.6	558
	15-17	5.9			26.4						28.0	39.7	7.3	557
	18-20	5.4			25.9						27.3	38.4	7.1	557
	21-23	17.9			19.9						19.9	42.3	6.6	558
TOTALS		13.3			21.2						25.5	40.0	6.9	4452

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 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	18.4			9.5						17.9	54.2	7.3	537
	03-05	18.8			10.2						14.9	56.1	7.3	538
	06-08	13.2			15.0						17.1	54.7	7.5	539
	09-11	8.0			12.6						23.9	55.6	8.1	540
	12-14	6.5			11.1						27.0	55.4	8.3	540
	15-17	5.2			15.8						25.9	53.1	8.1	537
	18-20	7.5			18.5						21.3	52.8	7.7	536
	21-23	14.3			15.1						14.9	55.7	7.4	537
TOTALS		11.5			13.5						20.4	54.7	7.7	4304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

94836 STATION | K I SAWYER AFB MI STATION NAME | 73-77 PERIOD | DEC 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	12.6			11.7						17.6	58.1	7.7	461
	03-05	13.1			11.2						14.7	61.0	7.8	464
	06-08	9.0			15.3						12.9	62.8	7.9	465
	09-11	5.6			12.9						19.4	62.1	8.3	464
	12-14	3.0			12.7						25.0	59.3	8.6	464
	15-17	1.7			15.7						27.7	54.8	8.5	465
	18-20	7.3			17.5						16.6	58.5	7.9	463
	21-23	13.1			11.4						13.8	61.6	7.7	464
TOTALS		8.2			13.6						18.5	59.8	8.1	3710

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 73-78 (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	9.6			16.6						19.9	54.0	7.7	3707
FEB		10.1			17.9						20.5	51.4	7.5	4052
MAR		13.3			18.8						15.9	52.0	7.2	4460
APR		17.9			20.1						18.4	43.6	6.6	4318
MAY		16.8			25.0						21.5	35.8	6.3	4455
JUN		12.5			27.0						27.5	33.1	6.6	4287
JUL		13.7			35.8						26.2	24.3	5.9	4436
AUG		16.2			31.4						23.9	28.6	5.9	4443
SEP		13.4			22.8						24.3	39.5	6.8	4303
OCT		13.3			21.2						25.5	40.0	6.9	4452
NOV		11.5			13.5						20.4	54.7	7.7	4304
DEC		8.2			13.6						18.5	59.6	8.1	3710
TOTALS		13.0			22.1						21.9	43.1	6.9	50927

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 (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

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

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

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.

74-29936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 59-78 (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						.2							.0
≥ 95							1.0	.3					.1
≥ 90					.7	1.9	2.9	2.5	.4				.7
≥ 85					2.5	7.4	10.5	8.5	2.1				2.6
≥ 80				.2	8.1	18.6	29.4	23.8	6.5	1.0			7.4
≥ 75				1.2	14.3	34.7	52.3	43.6	15.8	4.1			13.9
≥ 70				4.0	26.3	54.4	75.2	65.0	27.5	9.3			22.0
≥ 65				7.4	37.5	70.2	89.0	81.3	43.2	17.5	1.1		29.1
≥ 60			.5	14.4	52.3	83.0	98.0	93.2	63.2	29.0	2.6		36.6
≥ 55		.2	1.5	24.6	65.2	92.6	99.7	99.2	80.0	45.2	5.8	.3	43.1
≥ 50		.6	5.6	36.0	77.1	98.4	100.0	100.0	93.0	61.6	12.3	.7	49.0
≥ 45	.3	1.3	10.7	52.3	90.3	99.[illegible]			98.8	76.6	22.3	1.4	54.7
≥ 40	2.0	4.1	21.7	67.4	96.3	100.0			100.0	88.5	37.4	3.4	60.3
≥ 35	6.8	10.2	39.9	83.0	99.3					95.8	57.2	12.7	67.3
≥ 30	19.7	23.3	60.1	95.1	100.0					99.8	78.1	29.9	75.7
≥ 25	33.3	44.1	80.5	98.8						100.0	93.2	53.0	83.7
≥ 20	52.0	63.1	90.5	99.6							96.8	75.9	89.9
≥ 15	68.3	79.1	97.3	100.0							99.3	88.6	94.4
≥ 10	82.0	89.2	99.3								99.6	95.6	97.2
≥ 5	91.2	95.7	100.0								100.0	98.6	98.8
≥ 0	97.3	98.7										100.0	99.7
≥ -5	99.2	99.4											99.9
≥ -10	99.8	100.0											100.0
≥ -15	100.0												100.0
MEAN	19.6	22.6	32.4	46.2	60.5	70.1	74.9	72.9	63.5	53.4	37.3	25.0	48.2
S.D	10.508	10.017	9.757	11.783	12.572	10.113	7.997	8.592	10.025	11.471	10.103	8.713	22.080
TOTAL OBS	589	537	589	570	589	570	589	589	570	589	570	589	6940

USAFETAC FORM AUL 64 0-21-5 (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

94836 STATION — K I SAWYER AFB MI STATION NAME — 59-78 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
≥ 70							.5	.5					.1
≥ 65					.2	1.2	5.8	2.7	1.8	.2			1.0
≥ 60					1.4	7.2	22.6	16.3	5.4	1.0			4.5
≥ 55					6.8	18.9	43.6	36.2	14.0	2.7			10.3
≥ 50				1.2	12.4	41.1	65.9	62.6	29.3	7.5	.2		18.5
≥ 45				4.0	26.3	64.2	86.9	80.3	50.0	18.8	.7	.2	27.8
≥ 40			.2	8.2	47.9	82.6	97.3	93.7	69.3	33.6	5.1		36.1
≥ 35			2.7	17.2	60.3	94.2	99.7	98.8	85.1	49.7	11.6	.7	43.6
≥ 33	.3	.2	4.2	24.4	66.7	96.5	99.8	99.7	91.2	59.9	16.0	2.0	47.0
≥ 30	1.2	.9	9.3	40.0	82.5	99.3	100.0	100.0	97.4	75.9	30.0	6.6	53.8
≥ 25	6.1	3.5	24.1	68.1	95.1	100.0			99.1	92.5	57.2	14.8	63.6
≥ 20	12.4	11.7	39.7	82.6	99.5				100.0	98.1	73.5	27.2	70.6
≥ 15	22.4	23.8	52.0	92.1	100.0					99.5	85.8	43.3	76.8
≥ 10	35.0	39.1	64.5	96.5						100.0	92.8	59.1	82.4
≥ 5	48.2	52.5	74.5	98.8							97.9	70.8	87.0
≥ 0	61.6	65.0	85.2	99.8							99.3	81.5	91.1
≥ -5	74.9	75.6	93.5	100.0							100.0	90.7	94.6
≥ -10	84.4	87.0	96.8									97.1	97.1
≥ -15	91.3	94.2	99.3									99.2	98.7
≥ -20	96.9	98.9	99.5									99.8	99.6
≥ -25	99.8	100.0	100.0									100.0	100.0
≥ -30	100.0												100.0
MEAN	3.7	4.6	14.1	27.4	38.1	47.5	53.1	51.5	44.5	36.0	24.6	11.5	29.7
S.D	12.980	12.340	12.611	8.895	9.253	7.979	7.420	7.435	9.034	8.893	9.282	11.938	19.965
TOTAL OBS.	589	537	589	570	589	570	589	589	570	589	570	589	6940

USAFETAC FORM AUG 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

94836 STATION — K I SAWYER AFB MI STATION NAME — 59-78 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							.2						.0
≥ 80						.2	1.0	.5					.1
≥ 75					.7	2.5	7.3	4.9	1.9				1.5
≥ 70					2.9	10.0	22.9	17.3	4.7	.5			4.9
≥ 65					9.5	26.7	48.7	40.9	13.0	1.9			11.8
≥ 60				1.9	17.3	48.6	73.0	63.3	27.7	7.1			20.1
≥ 55				4.6	28.9	69.3	93.4	85.1	47.4	17.0	.2		29.0
≥ 50			.3	6.9	47.0	85.6	99.2	97.5	67.2	31.2	2.1	.2	36.8
≥ 45			1.5	19.8	64.5	97.2	100.0	99.8	87.4	49.4	7.9	.5	44.2
≥ 40			5.3	36.5	83.0	99.8		100.0	97.4	68.4	17.2	1.2	51.0
≥ 35	.7	.9	13.9	58.9	95.4	100.0			99.6	87.3	36.0	3.4	58.3
≥ 30	5.6	5.4	31.1	80.0	99.8				100.0	96.3	59.8	12.4	66.1
≥ 25	14.6	15.3	47.9	92.3	100.0					99.5	77.9	28.5	73.2
≥ 20	27.0	34.1	64.0	97.4						100.0	90.4	47.4	80.2
≥ 15	42.1	49.3	78.4	99.3							95.8	66.7	86.1
≥ 10	58.2	65.0	91.3	100.0							99.1	80.8	91.3
≥ 5	73.0	80.3	96.9								99.6	91.2	95.1
≥ 0	83.9	90.1	98.8								100.0	96.6	97.5
≥ -5	92.4	96.5	99.8									99.3	99.0
≥ -10	98.1	99.3	100.0									100.0	99.8
≥ -15	99.8	100.0											100.0
≥ -25	100.0												100.0
MEAN	11.8	13.8	23.5	37.1	49.5	59.0	64.2	62.5	54.3	44.9	31.2	18.5	39.2
S.D.	11.372	10.418	10.287	9.285	9.998	8.121	6.906	7.253	8.658	9.331	9.045	9.833	20.612
TOTAL OBS.	589	537	589	570	589	570	589	589	570	589	570	589	6940

USAFETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

94836 K I SAWYER AFB MI 59-78
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV	DEC.	ALL MONTHS
59												48	
60	38	38	50	73	77	84	88	84	87	81	54	48	88
61	44	52	51	68	83	90	86	93	87	79	64	54	93
62	38	38	53	72	90	83	86	88	80	78	53	27	9
63	36	32	62	70	81	102	99	86	79	80	55	39	102
64	40	47	49	73	92	91	92	87	80	75	93	37	9
65	39	38	42	78	85	90	85	93	74	78	66	41	9
66	33	39	56	62	83	92	95	87	86	79	47	40	95
67	44	33	63	70	76	84	86	84	82	78	57	47	86
68	39	41	61	83	77	88	90	90	81	89	58	41	9
69	40	33	51	65	94	89	87	93	82	67	58	40	94
70	34	42	49	76	85	94	91	86	80	72	55	44	94
71	31	46	42	63	78	91	82	87	87	78	54	36	91
72	37	35	43	60	91	84	80	84	69	67	46	34	91
73	47	39	58	73	74	83	93	95	86	75	51	41	9
74	37	40	50	71	80	82	93	81	76	68	60	40	9
75	43	42	45	63	85	87	96	89	73	68	69	40	9
76	31	55	59	76	73	87	85	95	94	80	52	36	9
77	24	37	53	79	84	88	99	85	72	66	55	38	9
78	32	29	45	67	86	84	83	89	88	76	68		
MEAN	37.2	39.8	51.7	70.5	82.8	87.9	89.3	88.2	81.2	75.1	57.1	42.2	93.
S.D.	5.544	6.638	6.709	5.345	4.131	5.087	5.576	4.049	6.443	5.284	4.540	4.12	1.7
TOTAL OBS.	889	537	589	570	589	570	589	580	570	589	570	589	93

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 HRS)

USAF ETAC FORM JUL 64 0-88-5 (OL1)

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

EXTREME VALUES

[illegible] TEMPERATURE

(FROM DAILY OBSERVATIONS)

948[illegible] K I SAWYER AFB MI 59-79
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB.	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT	NOV.	DEC.	ALL MONTHS
59												4	
60	-7	-3	-12	3	20	36	39	37	33	23	12	-14	-1[illegible]
61	-18	-15	1	14	29	34	43	42	23	25	2	-8	-1
62	-21	-20	-21	9	26	29	40	38	33	24	17	-13	-21
63	-27	-20	-15	18	23	34	43	35	28	29	12	-11	-27
64	-12	-13	-3	-1	26	25	43	36	26	21	3	-10	-1[illegible]
65	-25	-20	-12	6	27	30	36	36	21	18	13	-3	-2[illegible]
66	-35	-25	-4	15	21	34	43	42	33	12	4	-9	-2[illegible]
67	-21	-23	-15	13	21	37	34	33	30	23	2	-14	-23
68	-22	-14	-3	9	19	34	35	33	35	19	15	-17	-2[illegible]
69	-10	-14	-2	17	22	31	41	40	36	12	5	-4	-1[illegible]
70	-19	-25	-5	13	21	31	42	37	31	22	7	-9	-2[illegible]
71	-19	-23	-12	7	23	31	40	30	32	28	6	-4	-2[illegible]
72	-24	-21	-22	2	25	27	32	33	27	14	2	-17	-2[illegible]
73	-17	-14	13	7	24	36	39	38	28	29	9	-17	-17
74	-21	-20	-15	5	19	36	42	38	23	15	9	3	-21
75	-11	-16	-7	6	29	34	40	43	24	21	4	-11	-1[illegible]
76	-18	-8	-10	14	18	34	42	32	28	19	-5	-23	-2[illegible]
77	-20	-13	5	6	23	33	41	36	37	22	2	-13	-2[illegible]
78	-14	-15	-14	17	24	31	38	38	31	22	-3		
MEAN	-18.5	-17.2	-8.2	9.3	22.9	32.5	39.6	36.6	29.4	21.2	4.3	-10.[illegible]	-20.[illegible]
S.D.	5.511	5.170	8.985	5.877	3.372	3.204	3.287	3.626	4.647	4.933	5.[illegible]20	6.912	4.31[illegible]
TOTAL OBS.	589	537	569	570	589	570	589	589	570	589	570	589#	6940

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-78 YEARS | JAN MONTH

PAGE 1 | 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
44/ 43		.2																2	2		
42/ 41		.1																1	1	3	2
40/ 39		.1																1	1	1	1
38/ 37	.3	.1																4	4	4	4
36/ 35		.4																4	4	1	1
34/ 33	.3	.6																9	9	8	4
32/ 31	.2	1.9																20	20	12	5
30/ 29	.8	.9																15	15	21	15
28/ 27	1.6	2.2																35	35	30	22
26/ 25	1.4	2.4																35	35	28	18
24/ 23	.4	3.9	.1															41	41	40	32
22/ 21	.4	3.0																32	32	35	18
20/ 19	1.2	3.6	.2															46	46	43	33
18/ 17	1.0	4.6																52	52	46	32
16/ 15	1.0	4.8																54	54	52	41
14/ 13	.4	4.0																41	41	43	42
12/ 11	.9	4.6	.1															52	52	57	39
10/ 9	1.2	4.6																54	54	48	45
8/ 7	.9	6.0																64	64	59	56
6/ 5	.8	4.5																49	49	53	41
4/ 3	1.5	2.8																40	40	55	31
2/ 1	.2	4.7																46	46	36	50
0/ -1	4.1	.6																44	44	60	47
-2/ -3	2.9	1.5																41	41	41	32
-4/ -5	1.7	1.0																25	25	28	28
-6/ -7	1.7	.1																17	17	20	56
-8/ -9	4.3																	40	40	40	41
-10/-11	2.9																	27	27	27	25
-12/-13	1.0																	9	9	9	31
-14/-15	1.2																	11	11	11	33
-16/-17	1.1																	10	10	10	19
-18/-19	.1																	1	1	1	26
-20/-21	.2																	2	2	2	15
-22/-23	.2																	2	2	2	11

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-76 YEARS | JAN MONTH

PAGE 2 | 0000-0200 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
-24/-25	.2																	2	2	2	11
-26/-27																					14
-30/-31																					1
-32/-33																					1
-34/-35																					5
TOTAL	36.1	63.5	.4																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.	5303775	69361	74.7	11.357	928							
Dry Bulb	235786	9056	9.8	12.610	928	23.1	90.9					93
Wet Bulb	217182	8380	9.0	12.355	928	25.4	91.3					93
Dew Point	213989	3043	3.3	14.335	928	39.7	91.8					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

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-73 YEARS | JAN 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
42/ 41		.1																1	1		
40/ 39																				1	
38/ 37	.3	.2																5	5	4	4
36/ 35		.4																4	4	1	1
34/ 33		.4																4	4	7	1
32/ 31	.8	1.1	.2															19	19	15	11
30/ 29	.9	1.3																20	20	17	12
28/ 27	1.8	2.0																36	36	33	18
26/ 25	1.0	2.5																32	32	31	29
24/ 23	.1	2.4																23	23	18	19
22/ 21	.5	4.5																47	47	43	21
20/ 19	2.2	2.6																44	44	55	26
18/ 17	1.1	3.7																44	44	32	47
16/ 15	.9	4.1																46	46	53	44
14/ 13	.3	4.4																44	44	34	32
12/ 11	1.5	4.7																58	58	59	26
10/ 9	1.7	4.3																56	56	63	45
8/ 7	.8	5.1																54	54	40	55
6/ 5	.5	3.4																37	37	52	45
4/ 3	2.3	3.5																54	54	54	42
2/ 1	1.1	4.6																53	53	46	30
0/ -1	3.2	1.6																45	45	53	46
-2/ -3	2.2	1.3																32	32	44	46
-4/ -5	2.0	1.4																32	32	30	35
-6/ -7	3.																	30	30	35	36
-8/ -9	3.2																	30	30	30	38
-10/-11	3.1																	29	29	29	32
-12/-13	1.0																	9	9	9	29
-14/-15	2.0																	19	19	19	38
-16/-17	1.4																	13	13	13	33
-18/-19	.3																	3	3	3	19
-20/-21	.3																	3	3	3	20
-22/-23																					13
-24/-25	.4																	4	4	4	17

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | JA MONTH

PAGE 2 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (°) 0	1-2	3-4	5-6	7-8	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
-26/-27																					11
-28/-29																					2
-30/-31																					2
-32/-33																					1
-34/-35																					1
-36/-37																					3
TOTAL	40	159	7		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.	5347566	69730	75.0	11.333	930							
Dry Bulb	225235	8269	8.9	12.779	930	24.9	91.6					93
Wet Bulb	208618	7648	8.2	12.524	930	27.2	91.7					93
Dew Point	213851	2341	2.5	14.962	930	42.2	92.4					93

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-78 YEARS | JA MONTH

 0600-0600 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								
40/ 39	.2																	2	2	2	2
38/ 37	.1	.2																3	3	1	1
36/ 35		.2																2	2	4	
34/ 33		.4																4	4	1	4
32/ 31	.3	.9																11	11	9	4
30/ 29	1.0	1.8																26	26	19	11
28/ 27	1.0	2.9																36	36	38	17
26/ 25	1.2	1.9																29	29	27	29
24/ 23	.8	1.5																21	21	27	24
22/ 21	.8	2.6																31	31	25	24
20/ 19	2.9	3.0	.1															56	56	48	24
18/ 17	1.3	3.5	.1															45	45	42	30
16/ 15	.8	4.9																52	52	53	33
14/ 13	.9	3.9																44	44	44	44
12/ 11	.5	5.1																52	52	51	35
10/ 9	2.2	5.1																67	68	65	45
8/ 7	.8	6.1																64	64	57	53
6/ 5	.6	3.1																35	35	48	47
4/ 3	1.4	3.0																41	41	43	40
2/ 1	.4	3.8																39	39	37	52
0/ -1	2.9	1.3																39	39	46	53
-2/ -3	2.8	1.7																42	42	50	24
-4/ -5	2.5	1.3																35	35	32	26
-6/ -7	3.5	.5																37	37	43	30
-8/ -9	3.3																	31	31	32	32
-10/-11	2.5																	23	23	23	39
-12/-13	1.4																	13	13	13	34
-14/-15	1.8																	17	17	17	30
-16/-17	1.9																	18	18	18	34
-18/-19	.8																	7	7	7	27
-20/-21	.2																	2	2	2	20
-22/-23																					22
-24/-25	.3																	3	3	3	14
-26/-27																					11

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 59-75 (YEARS) JA (MONTH)

PAGE 2 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
-28/-29																						2
-30/-31																						6
-32/-33																						1
-36/-37																						3
TOTAL	41.	058.	8		.2															928		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.	5308122	69326	74.8	11.551	927							
Dry Bulb	217015	7833	8.4	12.759	928	26.8	91.9					93
Wet Bulb	201565	7225	7.8	12.524	927	28.7	92.2					93
Dew Point	212482	1862	2.0	15.014	927	40.9	92.3					93

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-74 YEARS | JAN MONTH

PAGE 1 | 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
40/ 39	.3																	3	3	3	3
38/ 37		.3																3	3		
36/ 35			.1															1	1	3	1
34/ 33	.1	.4		.1														6	6	1	2
32/ 31	.4	1.1																14	14	12	6
30/ 29	.8	2.4	.2															31	31	20	11
28/ 27	1.3	2.5																35	35	43	18
26/ 25	.6	1.8	.1															24	24	20	24
24/ 23	.4	1.8	.1															22	22	26	29
22/ 21	.9	3.3	.1															40	40	30	15
20/ 19	1.4	4.0																50	50	45	28
18/ 17	.8	5.8																61	61	55	28
16/ 15	.8	4.3	.1															48	48	58	30
14/ 13	.5	5.7																58	58	48	45
12/ 11	.6	5.4																56	56	59	46
10/ 9	1.4	7.3																81	81	72	54
8/ 7	1.0	5.5																60	60	68	63
6/ 5	.3	4.0																40	40	50	40
4/ 3	1.0	3.2																39	39	44	43
2/ 1	.8	3.4																39	39	44	55
0/ -1	3.2	.9																38	38	40	40
-2/ -3	2.4	1.9																40	40	41	40
-4/ -5	2.0	1.6																34	34	36	32
-6/ -7	2.3	.4																25	25	28	37
-8/ -9	2.9																	27	27	29	27
-10/-11	1.7																	16	16	16	33
-12/-13	1.0																	9	9	9	30
-14/-15	1.3																	12	12	12	32
-16/-17	.8																	7	7	7	25
-18/-19	.6																	6	6	6	19
-20/-21	.2																	2	2	2	20
-22/-23	.1																	1	1	1	14
-24/-25	.1																	1	1	1	9
-26/-27																					10

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. 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 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | JAN 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
-28/-29																					5
-30/-31																					1
-32/-33																					2
-34/-35																					1
-36/-37																					1
TOTAL	32	067	2	.8	.1													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.	5175247	68485	73.7	11.680	929							
Dry Bulb	225396	9202	9.9	12.028	929	21.8	91.7					93
Wet Bulb	205878	8474	9.1	11.771	929	22.8	92.3					93
Dew Point	199543	2875	3.1	14.333	929	37.8	92.4					93

USAFETAC FORM 0-26-5 (OL A) 8/64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-78 YEARS | JAN 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
44/ 43					.1													1	1		
42/ 41	.3			.2														5	5	3	3
40/ 39				.2														2	2		
38/ 37		.3	.1															4	4	2	
36/ 35		.4	.6															10	10	5	3
34/ 33	.1	.5	.2	.2														10	10	12	2
32/ 31	.5	2.4	.6	.4														37	37	19	9
30/ 29	.5	2.2	.2															27	27	33	12
28/ 27	1.0	2.3	.4															34	34	33	34
26/ 25	.2	2.8	.4															32	32	29	22
24/ 23	.5	3.1	.3															37	37	34	18
22/ 21	.3	4.8	.3															51	51	38	29
20/ 19	.6	7.4	.4															79	79	60	26
18/ 17	.9	6.5	1.1															78	78	81	24
16/ 15	.2	8.5	1.2															92	92	83	69
14/ 13	.4	5.6	.4															60	60	82	44
12/ 11	.1	5.6	.5															58	58	53	66
10/ 9	.3	8.4	.1															82	82	71	65
8/ 7		6.1																57	57	66	63
6/ 5		3.0																28	28	61	43
4/ 3	.2	3.4																34	34	27	42
2/ 1	.1	4.6																44	44	37	41
0/ -1	1.2	1.4																24	24	46	46
-2/ -3	.2	1.3																14	14	18	50
-4/ -5	.1	.9																9	9	13	40
-6/ -7	.2	.1																3	3	6	33
-8/ -9	1.5																	14	14	14	33
-10/-11	.3																	3	3	3	18
-12/-13	.1																	1	1	1	24
-14/-15																					30
-16/-17																					13
-18/-19																					8
-20/-21																					8
-22/-23																					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 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | JAN 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
-24/-25																				4
-26/-27																				3
-28/-29																				4
TOTAL	10.1	81.6	7.1	1.1	.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.	4533313	63721	68.5	13.421	930							
Dry Bulb	302890	13928	15.0	10.075	930	6.8	89.8					93
Wet Bulb	259545	12555	13.5	9.846	930	10.1	90.8					93
Dew Point	190289	5783	6.2	12.889	930	31.5	92.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | JAN 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
48/ 47					.1													1	1		
46/ 45					.3													3	3		
44/ 43				.1	.1													2	2		
42/ 41	.2																	2	2	2	2
40/ 39	.1		.3															4	4	2	1
38/ 37		.6	.1	.1														8	8	6	
36/ 35		.5	.3															8	8	9	3
34/ 33		.4	.6	.4														14	14	9	3
32/ 31	.6	2.3	1.0	.1														37	37	19	12
30/ 29	.6	1.7	1.1	.2														34	34	38	16
28/ 27	1.6	2.4	.9															45	45	39	39
26/ 25	.2	4.0	.3															42	42	36	24
24/ 23		3.3	1.4															44	44	44	17
22/ 21	.1	4.7	1.0															54	54	44	21
20/ 19	.2	6.9	1.4															79	79	64	33
18/ 17	.4	5.6	2.0	.1														76	76	76	40
16/ 15	.3	6.6	1.1															74	74	74	61
14/ 13		3.7	1.0															43	43	76	40
12/ 11	.3	7.5	.8															80	80	45	62
10/ 9		8.3	.4															81	81	74	60
8/ 7		5.3	.1															50	50	83	54
6/ 5		3.1																29	29	46	39
4/ 3	.1	3.8																36	36	27	44
2/ 1	.2	2.8																28	28	43	52
0/ -1	1.1	1.3																22	22	31	44
-2/ -3	.2	1.0																11	11	18	49
-4/ -5	.1	.4																5	5	6	42
-6/ -7	.1	.5																6	6	7	29
-8/ -9	.6																	6	6	6	34
-10/-11	.2																	2	2	2	30
-12/-13	.1																	1	1	1	21
-14/-15	.1																	1	1	1	19
-16/-17																					10
-18/-19																					11

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) 7/64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-76 YEARS | JAN 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
-20/-21																				6
-22/-23																				4
-24/-25																				2
-26/-27																				1
-28/-29																				2
-30/-31																				1
TOTAL	7.	87	6.8	13.6	1.1	.5												928	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.	4291177	61795	66.6	13.790	928							
Dry Bulb	339716	15072	16.2	10.119	928	5.4	88.8					93
Wet Bulb	285284	13468	14.5	9.844	928	7.2	90.2					93
Dew Point	197238	6260	6.7	12.931	928	30.6	92.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 70-78 YEARS | JAN 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
40/ 39	.1	.2																3	3	2	1
38/ 37	.2	.4	.2															5	6	4	4
36/ 35		.8	.3															10	10	3	2
34/ 33		.5	.3															8	8	14	2
32/ 31	.2	2.7	.1															28	28	19	9
30/ 29	1.2	2.2	.2															33	33	35	16
28/ 27	1.2	1.7	.5	.2														34	34	27	34
26/ 25	.2	3.7	.5															41	41	27	26
24/ 23	.2	3.8	.1															38	38	42	15
22/ 21	.3	4.1	.2															43	43	48	23
20/ 19	1.2	4.1																49	49	50	25
18/ 17	.9	5.7	.4															65	65	53	51
16/ 15	.9	4.6	.4															55	55	60	52
14/ 13	.2	6.5	.3															65	65	45	35
12/ 11	.4	5.5	.1															56	56	68	43
10/ 9	.8	6.2																65	65	69	49
8/ 7	.3	5.1																60	60	48	59
6/ 5	.4	4.1																42	42	62	41
4/ 3	.1	5.4																51	51	40	52
2/ 1	.3	4.7																47	47	61	58
0/ -1	2.7	1.1																25	35	49	32
-2/ -3	1.1	1.0																19	19	26	35
-4/ -5	.9	1.8																25	25	16	43
-6/ -7	1.7	.1																17	17	29	53
-8/ -9	1.8																	17	17	17	32
-10/-11	.6																	6	6	6	37
-12/-13	.5																	5	5	5	25
-14/-15	.2																	2	2	2	15
-16/-17	.2																	2	2	2	12
-18/-19	.1																	1	1	1	14
-20/-21																					9
-22/-23																					6
-24/-25																					11
-26/-27																					6

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 59-76 YEARS | JAN MONTH

PAGE 2 | 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				
-32/-33																					3
TOTAL	19	076.9	3.9	.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.	4899435	66533	71.512.259		930							
Dry Bulb	275127	12057	13.011.309		930	12.9	90.1					93
Wet Bulb	244184	11032	11.911.044		930	15.3	90.7					93
Dew Point	203279	4951	5.313.722		930	33.3	92.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-78 YEARS | JAN 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 C.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39		.3																3	3	2	1
38/ 37	.2	.2																4	4	5	4
36/ 35	.3	.1	.3															7	7	4	5
34/ 33	.1	.5	.2															8	8	7	2
32/ 31		2.5																23	23	11	3
30/ 29	1.0	2.5																32	32	37	14
28/ 27	.8	1.6	.2															24	24	22	29
26/ 25	1.2	3.0																39	39	31	30
24/ 23	.4	3.2	.2															36	36	37	20
22/ 21	.1	4.1	.3															42	42	44	21
20/ 19	.9	4.9	.2															56	56	31	23
18/ 17	.4	4.6	.3															50	50	65	44
16/ 15	.3	4.0																40	40	50	33
14/ 13	.9	4.2	.1															48	48	36	49
12/ 11	.5	5.4	.1															56	56	50	38
10/ 9	1.1	6.0																66	66	74	49
8/ 7	.9	6.5																68	68	56	44
6/ 5	.9	2.9																35	35	59	52
4/ 3	1.8	3.3																48	48	43	38
2/ 1	.8	4.1																45	45	46	55
0/ -1	3.5	.9																41	41	53	50
-2/ -3	2.0	1.2																30	30	33	41
-4/ -5	2.4	.8																29	29	32	33
-6/ -7	2.3																	21	21	23	42
-8/ -9	3.2																	30	30	30	37
-10/-11	2.2																	20	20	20	35
-12/-13	1.2																	11	11	11	26
-14/-15	.5																	5	5	5	26
-16/-17	.6																	6	6	6	20
-18/-19	.4																	4	4	4	14
-20/-21	.3																	3	3	3	8
-22/-23																					10
-24/-25																					15
-26/-27																					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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 79-78 (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
+28/-29																				2
+30/-31																				1
+32/-33																				1
+34/-35																				3
TOTAL	31	266	8	2	0														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.	5215269	68803	74.0	11.605	930							
Dry Bulb	248321	10025	10.8	12.287	930	20.0	90.8					93
Wet Bulb	224879	9243	9.9	11.966	930	22.0	91.2					93
Dew Point	207864	3732	4.0	14.409	930	37.6	91.8					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

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 9-78 (YEARS) JAN (MONTH)

ALL (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
48/ 47					.0													1	1		
46/ 45					.0													3	3		
44/ 43		.0		.0	.0													5	5		
42/ 41	.1	.0		.0														9	9	8	7
40/ 39	.1	.1	.0	.0														18	18	13	9
38/ 37	.1	.3	.1	.0														39	39	26	17
36/ 35	.0	.4	.2															46	46	30	16
34/ 33	.1	.5	.2	.1														63	63	59	20
32/ 31	.4	1.8	.2	.1														189	189	116	59
30/ 29	.8	1.9	.2	.0														218	218	220	107
28/ 27	1.3	2.2	.3	.0														279	279	265	211
26/ 25	.8	2.8	.2															274	274	229	202
24/ 23	.4	2.9	.3															262	262	268	174
22/ 21	.4	3.9	.2															340	340	307	172
20/ 19	1.3	4.6	.3															459	459	396	218
18/ 17	.8	5.0	.5	.0														471	471	450	296
16/ 15	.6	5.2	.3															461	461	483	373
14/ 13	.5	4.7	.2															403	403	408	331
12/ 11	.6	5.5	.2															468	468	442	355
10/ 9	1.1	6.3	.1															552	553	536	412
8/ 7	.6	5.8	.0															477	477	477	447
6/ 5	.4	3.3																295	295	431	348
4/ 3	1.0	3.6																343	343	333	332
2/ 1	.5	4.1																341	341	350	393
0/ -1	2.7	1.1																288	288	378	358
-2/ -3	1.7	1.4																229	229	271	317
-4/ -5	1.5	1.1																194	194	193	279
-6/ -7	1.9	.2																156	156	191	316
-8/ -9	2.6																	195	195	198	274
-10/-11	1.7																	126	126	126	249
-12/-13	.8																	58	58	58	220
-14/-15	.9																	67	67	67	223
-16/-17	.8																	56	56	56	166
-18/-19	.3																	22	22	22	138

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-73 YEARS | JAN MONTH

ALL 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
-20/-21	.2																	12	12	12	106
-22/-23	.0																	3	3	3	81
-24/-25	.1																	10	10	10	83
-26/-27																					68
-28/-29																					17
-30/-31																					12
-32/-33																					9
-34/-35																					10
-36/-37																					7
TOTAL	27.	268.	9.	3.	6.	.3	.1												7433		7432
																		7432		7432	

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.	40073904	537754	72.4	12.515	7432							
Dry Bulb	2069486	85442	11.5	12.096	7433	141.7	725.6					744
Wet Bulb	1847135	78025	10.5	11.762	7432	158.7	730.4					744
Dew Point	1636535	30847	4.2	14.248	7432	293.6	737.1					744

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-75 YEARS | FEB MONTH

PAGE 1 | 0000-0200 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
40/ 39				.1														1	1		
38/ 37		.1	.2	.1														4	4		
36/ 35		.1		.2														3	3	1	
34/ 33			.8	.1														5	8	4	1
32/ 31		.7	.5	.2														12	12	3	
30/ 29		1.7	.2															16	16	15	3
28/ 27	1.1	3.8	.4															44	44	39	11
26/ 25		5.2	.5															48	48	33	19
24/ 23	.1	4.5	.4															47	42	49	27
22/ 21	.9	7.0	.5															71	71	61	29
20/ 19	1.2	3.9																43	43	59	59
18/ 17	1.4	3.9	.4															48	48	55	43
16/ 15	1.4	4.0																46	46	48	65
14/ 13	1.9	5.8	.1															66	66	43	45
12/ 11	2.1	3.9	.2															53	53	73	55
10/ 9	1.9	1.7																30	30	42	59
8/ 7	.7	3.3																34	34	31	37
6/ 5	.5	2.8																28	28	27	34
4/ 3	1.5	3.4																42	42	41	34
2/ 1	1.2	4.3																46	47	41	35
0/ -1	3.4	.4																32	32	49	26
-2/ -3	2.1	.8																25	25	25	38
-4/ -5	1.7																	14	15	17	32
-6/ -7	1.8	.2																17	17	15	29
-8/ -9	3.4																	29	29	31	29
-10/-11	1.4																	12	12	12	26
-12/-13	1.1																	9	9	9	21
-14/-15	1.1																	9	9	9	12
-16/-17	.7																	6	6	6	26
-18/-19	.7																	6	6	6	9
-20/-21																					15
-22/-23																					5
-24/-25																					7
-26/-27																					7

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	≤ 83 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | FEB MONTH

PAGE 2 | 0000-0700 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/-29																					1
-30/-31																					2
-34/-35																					1
-36/-37																					2
TOTAL	33.4	61.6	4.1	.8														844	846	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.	4864767	63385	75.1	11.134	844							
Dry Bulb	244348	10066	11.9	12.142	846	15.9	82.4					84
Wet Bulb	215529	9267	11.0	11.618	844	17.8	83.5					84
Dew Point	175732	4574	5.4	13.381	844	28.7	83.9					84

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 59-78 YEARS | FEB 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
36/ 35		.2	.1	.1														4	4		
34/ 33		.2		.1														3	3	3	
32/ 31		.8	.7															13	13	2	
30/ 29	.8	1.9	.5															27	27	19	4
28/ 27	.6	2.7	.4															31	31	36	15
26/ 25		4.0	.2															36	36	22	12
24/ 23	.7	4.6	.2															47	47	49	28
22/ 21	.8	5.6	.4															57	57	44	34
20/ 19	1.5	4.1																48	48	65	33
18/ 17	1.1	5.7	.4															60	60	56	51
16/ 15	1.3	4.5																49	49	55	47
14/ 13	1.1	3.4																38	38	37	57
12/ 11	2.7	4.0	.4															60	60	61	51
10/ 9	2.4	3.1																46	46	53	59
8/ 7	1.5	2.4																33	33	38	49
6/ 5	.2	3.7																33	33	26	36
4/ 3	.7	2.6																28	28	33	36
2/ 1	.6	5.2																49	49	42	28
0/ -1	2.8	.2																26	26	43	26
-2/ -3	3.1	.6																31	31	32	18
-4/ -5	2.7	.1																24	24	25	38
-6/ -7	2.1	.1																19	19	19	41
-8/ -9	2.1																	18	18	18	34
-10/-11	2.2																	19	19	19	36
-12/-13	1.5																	13	13	13	12
-14/-15	1.8																	15	15	15	25
-16/-17	.9																	8	8	8	10
-18/-19	1.1																	9	9	9	16
-20/-21	.2																	2	2	2	15
-22/-23																					12
-24/-25																					6
-26/-27																					9
-28/-29																					4
-30/-31																					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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 59-72 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
-34/-35																					2
-36/-37																					1
TOTAL	36.8	59.8	3.2	.2														846	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.	4918812	63876	75.5	10.656	846							
Dry Bulb	230289	9151	10.8	12.466	846	18.3	83.3					84
Wet Bulb	205860	8432	10.0	12.007	846	20.2	83.7					84
Dew Point	174679	3787	4.5	13.662	846	30.4	84.0					84

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 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
36/ 35			.2															2	2		
34/ 33		.1	.2															3	3		
32/ 31	.1	.8	.2															10	10	6	
30/ 29	.5	1.7	.5															22	22	14	4
28/ 27	.4	2.9																27	27	24	10
26/ 25	.1	4.5	.2															41	41	31	17
24/ 23	1.1	4.6	.2															50	50	53	22
22/ 21	.5	5.6																51	51	38	35
20/ 19	1.1	4.2	.1															45	46	58	36
18/ 17	1.5	4.2	.7															54	56	61	41
16/ 15	1.2	4.0																44	44	45	56
14/ 13	.8	5.0																49	49	40	45
12/ 11	1.7	4.2	.1															50	50	57	48
10/ 9	3.6	2.5	.1															52	52	57	54
8/ 7	1.0	3.2																35	35	29	56
6/ 5	1.0	3.3																36	36	43	38
4/ 3	1.2	3.3																38	38	39	26
2/ 1	1.3	3.6																41	41	42	41
0/ -1	2.9	.4																27	27	37	28
-2/ -3	3.1	.4																29	29	32	25
-4/ -5	2.4	.1																21	21	21	37
-6/ -7	3.0	.1																26	26	26	34
-8/ -9	2.3																	19	19	19	32
-10/-11	1.5																	13	13	13	31
-12/-13	1.5																	13	13	13	19
-14/-15	2.0																	17	17	17	19
-16/-17	1.2																	10	10	10	15
-18/-19	1.2																	10	10	10	14
-20/-21	.6																	5	5	5	14
-22/-23																					18
-24/-25	.2																	2	2	2	10
-26/-27																					8
-28/-29																					4
-30/-31																					2

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | FEB MONTH

PAGE 2 | 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
-32/-33																					2
-34/-35																					1
TOTAL	38	758	62	7														842	845	842	842

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.	4940020	63914	75.9	10.257	842							
Dry Bulb	221683	8589	10.2	12.618	845	19.1	83.5					84
Wet Bulb	198476	7868	9.3	12.189	842	20.5	84.0					84
Dew Point	172521	3321	3.9	13.768	842	31.2	84.0					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

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | FEB 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
38/ 37			.1	.2														3	3		
36/ 35	.2		.5	.1														7	7	2	2
34/ 33		.1	.2	.1														4	4	1	
32/ 31		1.5	.5															17	17	10	
30/ 29	.2	1.8	.2	.1														20	20	21	
28/ 27	.4	3.6	.7															39	39	23	14
26/ 25	.6	3.8	1.2															47	47	45	30
24/ 23	.7	4.6	.7															51	51	45	24
22/ 21	.7	5.8	.7															61	62	59	35
20/ 19	1.0	6.8	.6															70	70	58	33
18/ 17	.2	4.4	.7															45	47	71	52
16/ 15	.7	5.7																54	54	49	49
14/ 13	.8	6.1																58	58	57	46
12/ 11	1.3	3.8																43	44	62	58
10/ 9	1.5	3.7																44	44	39	63
8/ 7	.6	5.0																47	47	34	64
6/ 5	.2	4.5																40	40	52	38
4/ 3	1.8	3.6																45	45	53	28
2/ 1	.4	3.0																28	28	29	32
0/ -1	2.0	.6																22	22	30	47
-2/ -3	2.0	.8																24	24	25	37
-4/ -5	1.8	.5																19	19	21	30
-6/ -7	1.7																	14	15	16	33
-8/ -9	1.4																	12	13	12	23
-10/-11	.8																	7	7	7	25
-12/-13	.5																	4	4	4	15
-14/-15	.8																	7	7	7	19
-16/-17	.5																	4	4	4	10
-18/-19	.1																	1	2	1	11
-20/-21	.1																	1	1	1	4
-22/-23	.1																	1	1	1	6
-24/-25																					4
-26/-27																					2
-30/-31																					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 AU 44 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 79-86 (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
-32/-33																					1
TOTAL	23.	469.	8	6.2	.6														846		839
																		839		839	

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.	4655765	61841	73.7	10.791	839							
Dry Bulb	254416	11174	13.2	11.244	846	11.8	82.6					84
Wet Bulb	219818	10196	12.2	10.698	839	12.9	83.7					84
Dew Point	161116	5290	6.3	12.347	839	27.1	83.8					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 9-78 (YEARS) FEB (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
50/ 49						.1												1	1		
48/ 47						.1												1	1		
46/ 45					.1													1	1		
44/ 43					.2													2	2		
42/ 41				.4	.2													5	5	1	
40/ 39			.1	.5	.1	.1												7	7		
38/ 37	.1		.1	.5	.2													8	8	3	1
36/ 35	.2	.1	.7	.4	.2													14	14	9	2
34/ 33		1.0	1.3	.5														23	23	11	
32/ 31		1.4	1.1	.8	.1													29	29	20	1
30/ 29	.1	3.0	2.3	.1														46	46	35	10
28/ 27	.4	3.6	1.9	.7														55	55	45	19
26/ 25	.1	6.1	2.0	.4														72	72	60	26
24/ 23	.5	2.7	2.5	.4														51	51	74	32
22/ 21	.2	4.4	3.6	.1														70	70	40	44
20/ 19	.8	5.1	2.9	.2														76	76	79	53
18/ 17	.4	5.6	1.5															63	63	86	52
16/ 15		5.7	1.0															56	56	68	48
14/ 13	.2	3.3	1.2															40	40	57	44
12/ 11	.1	4.6	.6															45	45	38	73
10/ 9	.5	5.0	.2															48	49	47	60
8/ 7		4.0	.1															35	35	50	57
6/ 5	.1	3.0																26	26	34	54
4/ 3	.6	2.6																27	27	27	38
2/ 1		2.5																21	21	22	32
0/ -1	.4	.2																5	5	20	30
-2/ -3	.1	.6																6	7	5	39
-4/ -5	.2																	2	3	4	31
-6/ -7	.1																	1	1	1	29
-8/ -9	.4																	3	3	3	17
-10/-11																					13
-12/-13	.4																	3	3	3	16
-14/-15																					8
-16/-17																					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												

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 79-78 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
-18/-19																					4
-24/-25																					2
-26/-27																					1
-30/-31																					3
TOTAL	5	96	45	23	0	4	9											842	845	842	842

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.	3777022	55278	65.7	13.265	842							
Dry Bulb	386181	16025	19.0	9.873	845	2.2	77.8					84
Wet Bulb	309560	14212	16.9	9.102	842	3.6	81.6					84
Dew Point	174933	7583	9.0	11.261	842	19.6	83.7					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

94836 STATION | K I SAWYER AFB MI STATION NAME | 79-7x YEARS | FEB 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
56/ 55								.1										1	1		
54/ 53							.2											2	2		
52/ 51								.1										1	1		
50/ 49							.1											1	1		
48/ 47							.1											1	1		
46/ 45					.1	.2												3	3		
42/ 41				.5		.4												7	7	3	
40/ 39				.9	.4	.2												13	13	1	
38/ 37		.4	.1	.9	1.1													21	21	3	
36/ 35		.6	.2	.5														11	11	10	
34/ 33		.6	1.1	.8														21	21	19	3
32/ 31		1.3	1.1	.5	.1													25	25	25	3
30/ 29	.4	2.8	2.1	.7														51	52	38	10
28/ 27	.1	5.3	3.1	1.1														81	81	49	15
26/ 25	.1	2.8	3.7	.4														59	59	63	20
24/ 23	.5	2.7	3.9	.5														64	64	68	44
22/ 21	.1	4.1	3.2	.2														65	65	54	46
20/ 19	.8	4.1	2.5	.2														65	65	85	57
18/ 17	.2	4.3	2.4	.1														59	59	74	44
16/ 15	.2	5.0	2.1															62	62	67	55
14/ 13	.1	4.0	1.3															46	46	48	54
12/ 11	.2	3.2	.7															35	35	55	63
10/ 9	.4	5.4	.2															51	51	47	69
8/ 7		3.4	.2															31	31	39	56
6/ 5		2.2																19	19	33	49
4/ 3	.5	3.2																31	31	23	36
2/ 1		.8																7	7	24	45
0/ -1																				5	27
-2/ -3																					24
-4/ -5	.4	.4																6	6	6	39
-6/ -7																					21
-8/ -9	.5																	4	4	4	25
-10/-11	.2																	2	2	2	8
-12/-13																					11

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | FEB 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
-14/-15																				6
-16/-17																				3
-18/-19																				3
-22/-23																				3
-24/-25																				1
-26/-27																				2
-30/-31																				2
-34/-35																				1
TOTAL	4.7	56.8	27.9	7.3	1.7	.8	.5	.2										846		845
																	845		845	

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.	3590836	53660	63.5	14.736	845							
Dry Bulb	436066	17252	[illegible].4	9.986	846	1.2	75.9					84
Wet Bulb	338741	15115	17.9	9.000	845	1.7	80.4					84
Dew Point	178802	7918	9.4	[illegible].133	845	17.5	83.7					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

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-78 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
52/ 51							.2											2	2		
48/ 47						.1												1	1		
46/ 45						.1												1	1		
44/ 43				.1	.1													2	2		
42/ 41					.1													1	1		
40/ 39				.2	.2													4	4	2	
38/ 37	.1	.2	.1	.5	.2													10	10	4	
36/ 35			.6	.8	.1													13	13	4	2
34/ 33		.6	1.2															15	15	6	1
32/ 31		.9	.6	.1														14	14	18	
30/ 29	.8	1.4	1.4	.1														32	32	37	7
28/ 27	.4	5.8	1.5															65	65	27	20
26/ 25	.5	4.3	2.0	.4														60	60	64	20
24/ 23	.4	3.6	2.6	.2														57	57	52	34
22/ 21	.6	4.6	1.1	.1														54	54	56	45
20/ 19	1.1	5.3	2.4															74	74	78	58
18/ 17	.6	5.1	1.2															58	58	59	43
16/ 15	.5	4.6	1.1															52	52	69	52
14/ 13	1.1	3.3	.5															41	41	50	51
12/ 11	1.1	4.9	.6															55	55	44	54
10/ 9	.8	5.3	.2															54	54	55	74
8/ 7	.4	4.9																44	44	55	39
6/ 5	.4	2.8																27	27	45	42
4/ 3	.7	2.8																30	30	23	47
2/ 1	.7	2.2																25	25	33	44
0/ -1	1.5	.2																15	15	23	37
-2/ -3	.6	.7																11	11	12	34
-4/ -5	.8	.4																10	10	10	23
-6/ -7	.9	.1																8	8	9	22
-8/ -9	.4																	3	3	3	24
-10/-11	.6																	5	5	5	22
-12/-13																					17
-14/-15	.1																	1	1	1	17
-16/-17	.1																	1	1	1	7

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-78 YEARS | FEB MONTH

PAGE 2 | 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			
-20/-21																				1
-24/-25																				2
-26/-27																				3
-32/-33																				1
-34/-35																				2
TOTAL	14.	96	4.	117.	0	2.	6	.8	.2	.2								845		845
																	845		845	

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	Tot.
Rel. Hum.	4233756	58618	69.4	14.083	845							
Dry Bulb	338709	14385	17.0	10.543	845	5.4	79.1					84
Wet Bulb	278758	12926	15.3	9.798	845	6.4	82.4					84
Dew Point	174027	7019	8.3	11.710	845	21.1	83.7					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-78 YEARS | FEB 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
42/ 41					.1													1	1		
40/ 39		.2			.1													3	3		
38/ 37		.1	.2	.1														4	4	2	
36/ 35			.6	.1	.1													7	7	1	2
34/ 33			.5	.5														8	8	4	1
32/ 31		.8	.2	.1														10	10	9	
30/ 29	.7	2.4	.8															33	34	21	4
28/ 27	.6	4.2	1.3															51	51	34	13
26/ 25	.4	5.1	.8															53	53	56	22
24/ 23		3.2	.8															34	34	49	26
22/ 21	.2	5.0	.2															46	47	44	33
20/ 19	2.4	3.8	.1															53	53	57	55
18/ 17	1.7	5.5	.7															66	66	62	46
16/ 15	.8	6.6	.8															70	70	63	62
14/ 13	.8	4.4	.4															47	47	53	50
12/ 11	1.5	4.0																47	47	53	63
10/ 9	1.9	3.1																42	42	53	56
8/ 7	.8	4.2																42	42	31	36
6/ 5	.5	3.9																37	37	43	30
4/ 3	1.2	3.2																37	37	40	38
2/ 1	.8	3.2																34	34	37	46
0/ -1	2.0	.4																20	20	30	32
-2/ -3	1.7	1.1																23	23	22	47
-4/ -5	1.2	.6																15	15	18	26
-6/ -7	2.6																	22	22	23	22
-8/ -9	1.2																	10	10	10	26
-10/-11	1.4																	12	12	12	23
-12/-13	.5																	4	4	4	16
-14/-15	.7																	6	6	6	23
-16/-17	.2																	2	2	2	15
-18/-19	.5																	4	4	4	8
-20/-21																					7
-22/-23																					1
-24/-25																					3

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | FEB MONTH

PAGE 2 | 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
-26/-27																					5
-28/-29																					3
-34/-35																					3
TOTAL	26.	364.	9	7.	6	.8	.4												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.	4692417	62109	73.7	11.761	843							
Dry Bulb	270204	11532	13.6	11.562	845	11.7	81.7					84
Wet Bulb	232973	10515	12.5	10.996	845	13.1	83.3					84
Dew Point	172024	5540	6.6	12.691	843	25.9	83.7					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

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-78 YEARS | FEB 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
56/ 55								.0										1	1		
54/ 53							.0											2	2		
52/ 51							.0	.0										3	3		
50/ 49						.0	.0											2	2		
48/ 47						.0	.0											3	3		
46/ 45					.0	.0												5	5		
44/ 43				.0	.0													4	4		
42/ 41				.1	.1	.0												14	14	3	
40/ 39		.0	.0	.2	.1	.0												28	28	3	
38/ 37	.0	.1	.1	.3	.2													50	50	12	1
36/ 35	.1	.1	.4	.3	.1													61	61	27	8
34/ 33		.3	.7	.3														85	85	43	6
32/ 31	.0	1.1	.6	.2	.0													130	130	93	4
30/ 29	.4	2.1	1.0	.1														247	249	201	42
28/ 27	.5	4.0	1.2	.2														393	393	277	117
26/ 25	.2	4.5	1.3	.1														416	416	374	166
24/ 23	.5	3.8	1.4	.1														396	396	439	237
22/ 21	.5	5.3	1.2	.1														475	477	395	301
20/ 19	1.2	4.7	1.1	.1														474	475	539	384
18/ 17	.9	4.8	1.0	.0														453	457	525	372
16/ 15	.8	5.0	.6															433	433	464	434
14/ 13	.9	4.4	.4															385	385	383	392
12/ 11	1.3	4.1	.3															388	389	443	465
10/ 9	1.6	3.7	.1															367	368	393	494
8/ 7	.6	3.8	.0															301	301	307	394
6/ 5	.4	3.3																246	246	303	321
4/ 3	1.0	3.1																278	278	279	283
2/ 1	.6	3.1																251	252	270	303
0/ -1	1.9	.3																147	147	237	253
-2/ -3	1.6	.6																149	150	153	262
-4/ -5	1.4	.3																111	113	122	256
-6/ -7	1.5	.1																107	108	109	231
-8/ -9	1.5																	98	99	101	210
-10/-11	1.0																	70	70	71	184

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) JUN 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (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
-12/-13	.7																	46	46	45	127
-14/-15	.8																	55	55	53	129
-16/-17	.5																	31	31	31	89
-18/-19	.4																	30	31	30	65
-20/-21	.1																	8	8	8	56
-22/-23	.0																	1	1	1	45
-24/-25	.0																	2	2	2	35
-26/-27																					37
-28/-29																					12
-30/-31																					14
-32/-33																					4
-34/-35																					10
-36/-37																					3
TOTAL	23.0	62.5	11.5	2.2	.5	.2	.1	.0											6764		6746
																		6746		6746	

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.	35673395	482681	71.6	12.985	6746	85.5	646.4					672
Dry Bulb	2381896	98174	14.5	11.895	6764	96.0	662.6					672
Wet Bulb	1999715	88531	13.1	11.146	6746	201.4	670.5					672
Dew Point	1383834	45032	6.7	12.673	6746							672

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 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
46/ 45				.2														2	2		
44/ 43			.1															1	1		
42/ 41		.1		.2														3	3		
40/ 39	.2	.9	.1	.1														12	12	10	2
38/ 37	.6	.3	.9	.3														20	20	11	7
36/ 35	.3	1.8	1.4	.8														40	40	9	9
34/ 33	.5	2.4	1.2	.2														40	40	41	13
32/ 31	.2	3.0	1.7	.2														48	48	43	11
30/ 29	1.7	4.0	1.0	.3														65	65	72	46
28/ 27	1.3	6.1	1.1															79	79	61	68
26/ 25	1.4	6.3	1.7	.1														88	90	81	37
24/ 23	.3	3.5	1.1	.2														47	47	76	51
22/ 21	.1	3.3	.5															37	37	45	56
20/ 19	1.9	3.0	.6															52	52	57	65
18/ 17	.2	6.4	.6															67	67	43	54
16/ 15	.3	3.5	.9															43	44	65	47
14/ 13	.6	4.3	.3															49	49	49	50
12/ 11	.5	2.8	.2															33	33	51	54
10/ 9	1.0	3.5																41	41	33	43
8/ 7	.6	2.4																28	28	30	54
6/ 5	.8	1.9																25	25	32	42
4/ 3	1.3	2.3																33	33	32	26
2/ 1	.1	2.3																22	22	22	30
0/ -1	1.5	.3																17	17	26	31
-2/ -3	.8	.3																10	10	13	22
-4/ -5	.5	.2																7	7	6	28
-6/ -7	.4																	4	4	5	21
-8/ -9	1.0																	9	9	9	20
-10/-11	.2																	2	2	2	9
-12/-13																					6
-14/-15	.2																	2	2	2	4
-16/-17	.1																	1	1	1	6
-18/-19																					5
-20/-21																					7

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | APR MONTH

PAGE 2 | 0001-0200 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
-22/-23																					1
-24/-25																					1
-26/-27																					1
TOTAL	19.	0	64.	8	13.	5	2.	7											930		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.	5417792	69940	75.4	12.339	927							
Dry Bulb	491425	18613	20.0	11.313	930	5.2	81.2					93
Wet Bulb	428583	17207	18.6	10.859	927	6.4	85.9					93
Dew Point	311561	12297	13.3	12.561	927	16.3	89.9					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

94836 STATION — K I SAWYER AFB MI STATION NAME — 69-78 YEARS — MAR MONTH

PAGE 1 — 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
44/ 43			.1	.1														2	2		
42/ 41		.5	.1															6	6	1	
40/ 39	.3	.3	.1															7	7	1	3
38/ 37	.1		.5	.1														7	7	1	6
36/ 35	.6	1.5	.6															26	26	1	5
34/ 33	.6	2.8	.6	.2														40	40	2	17
32/ 31	.4	3.6	1.5	.3														54	54	4	16
30/ 29	1.5	4.9	.5	.1														65	65	7	35
28/ 27	2.3	4.2	.8	.2														69	69	6	71
26/ 25	1.2	6.7	.3	.1														77	79	5	47
24/ 23	.6	4.0	1.0	.1														53	54	7	33
22/ 21	.2	4.3	.2															44	44	5	35
20/ 19	1.7	3.1	.2															47	47	5	63
18/ 17	.8	4.1	.6															51	51	4	83
16/ 15	.3	6.8	.2															68	68	4	36
14/ 13	.5	3.8	.1															41	41	6	31
12/ 11	1.0	3.1																38	38	4	64
10/ 9	.5	3.9																41	41	3	41
8/ 7	.4	1.8																21	21	3	47
6/ 5	.2	2.9																29	29	2	36
4/ 3	1.8	1.7																33	33	4	34
2/ 1	.3	2.4																25	25	2	32
0/ -1	2.8	.3																29	29	4	34
-2/ -3	1.4	.2																15	15	1	21
-4/ -5	1.1	.2																12	12	1	26
-6/ -7	1.0																	9	9	1	25
-8/ -9	.2																	2	2	1	27
-10/-11	.9																	8	8	1	17
-12/-13	.1																	1	1	1	11
-14/-15	.1																	1	1	1	8
-16/-17	.2																	2	2	1	7
-18/-19																					2
-20/-21	.3																	3	3	1	6
-22/-23	.1																	1	1	1	2

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 59-78 YEARS | MAR MONTH

.GE 2 | 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				
-24/-25																					1
-26/-27																					1
-28/-29																					1
-32/-33																					3
TOTAL	23.	367.2	7.7	1.3														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.	5595930	71186	76.8	11.823	927							
Dry Bulb	448452	17168	18.5	11.899	930	8.3	84.2					93
Wet Bulb	398638	15978	17.2	11.536	927	9.8	87.8					93
Dew Point	304513	11309	12.2	13.411	927	19.3	89.9					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

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 9-76 (YEARS) MAR (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
44/ 43		.4																4	4	2	
42/ 41		.2		.1														3	3	3	4
40/ 39		.3																3	3	2	3
38/ 37	.2	.9	.1															11	11	8	2
36/ 35	.4	.8	.6															17	17	12	9
34/ 33	.5	3.0	.5															38	38	18	13
32/ 31	.5	4.0	.9	.1														51	51	49	16
30/ 29	1.8	4.5	1.0															68	68	67	40
28/ 27	3.0	3.7	.5	.4														71	71	63	72
26/ 25	.9	6.0	1.0															72	75	51	36
24/ 23	.3	4.2	.5															47	47	75	28
22/ 21	1.0	3.9	.1															46	46	56	39
20/ 19	1.1	3.8	.5															50	50	47	63
18/ 17	.6	3.4	.9															45	45	50	60
16/ 15	.6	3.9																42	44	41	48
14/ 13	.8	4.7																50	50	48	37
12/ 11	.8	2.5																30	30	42	45
10/ 9	.8	4.2																46	46	38	47
8/ 7	1.2	2.6																35	35	45	39
6/ 5	.3	2.7																28	28	27	31
4/ 3	1.1	3.0																38	38	33	44
2/ 1	.8	2.4																29	29	38	42
0/ -1	2.7	.4																29	29	34	28
-2/ -3	1.9	.8																25	25	26	14
-4/ -5	.6																	6	6	9	21
-6/ -7	1.2																	11	11	11	35
-8/ -9	1.6																	1	15	15	33
-10/-11	.3																	3	3	3	26
-12/-13	.2																	2	2	2	5
-14/-15	.4																	4	4	4	19
-16/-17	.3																	3	3	3	4
-18/-19																					6
-20/-21	.1																	1	1	1	2
-22/-23	.1																	1	1	1	6

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | MAR MONTH

PAGE 2 | 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
-24/-25																					2
-26/-27																					3
-28/-29																					1
-30/-31																					1
TOTAL	26.	466.	2	6.7	.6													924	929	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.	5622407	71269	77.1	11.654	924							
Dry Bulb	426794	16288	17.5	12.336	929	10.0	85.4					93
Wet Bulb	382796	15186	16.4	12.014	924	11.0	88.5					93
Dew Point	301427	10563	11.4	13.991	924	20.7	59.9					93

USAFETAC FORM AM 34 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (YEARS) MAR (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
48/ 47				.1	.1													2	2		
46/ 45					.1	.1												2	2		
44/ 43		.4		.2	.1													7	7	3	1
42/ 41		.3	.2	.2	.1													8	8	4	3
40/ 39	.3	.8	.9	.5	.2													25	25	11	8
38/ 37	.2	1.6	.5	1.1	.1													33	33	16	5
36/ 35	.4	1.8	1.1	.2	.1													34	34	29	13
34/ 33	.1	3.0	1.3	.7	.3													50	51	32	15
32/ 31	.4	4.2	1.7	.4														63	64	74	29
30/ 29	2.1	3.6	2.5	.7	.2													83	84	62	47
28/ 27	1.1	5.1	3.6	.8														97	99	64	63
26/ 25	.4	4.9	2.5	.7	.1													79	79	81	48
24/ 23	.4	3.0	1.1	.3														45	46	90	34
22/ 21	.1	4.3	2.3															62	62	60	57
20/ 19	.8	4.3	2.2															67	68	61	60
18/ 17	.2	3.3	1.3															44	44	63	58
16/ 15	.1	3.9	1.3															49	49	56	64
14/ 13	.2	4.2	1.1															51	51	59	37
12/ 11		2.5	.2															25	25	39	59
10/ 9	.1	3.7	.1															36	36	31	50
8/ 7	.1	1.4																14	15	34	50
6/ 5	.3	.5																8	8	11	42
4/ 3	.4	1.0																13	13	14	38
2/ 1		.5																5	5	4	29
0/ -1	.5	.2																7	7	9	30
-2/ -3	.2	.4																6	6	7	27
-4/ -5	.1	.2																3	3	3	19
-6/ -7	.1																	1	1	2	7
-8/ -9	.2																	2	2	2	8
-10/-11	.1																	1	1	1	7
-12/-13																					4
-14/-15																					2
-16/-17																					3
-18/-19																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of hrs 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

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | MAR 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 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			
-20/-21																				1
TOTAL	9	259	423.9	5.9	1.5	.1													930	
																		922		922

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.	4848343	65465	71.0	14.740	922							
Dry Bulb	607412	21938	23.6	9.838	930	2.0	76.8					93
Wet Bulb	507648	19810	21.5	9.436	922	2.4	83.4					93
Dew Point	338481	13931	15.1	11.788	922	11.3	88.5					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

94836 STATION — K I SAWYER AFB MI STATION NAME — 9-78 YEARS — MAR MONTH

PAGE 1 — 1200-1400 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
60/ 59							.1											1	1		
58/ 57						.1	.1											2	2		
56/ 55							.1											1	1		
54/ 53								.1										1	1		
52/ 51					.1	.1		.1										3	3		
50/ 49				.1	.2		.1	.1										5	5		
48/ 47			.1	.1	1.1		.1											13	13	2	
46/ 45		.4		.3	.3													10	10	6	
44/ 43		.4	.4	.9	1.0	.2												27	27	5	5
42/ 41	.1	.9	.5	1.2	.6	.2												33	33	7	5
40/ 39		1.5	1.5	1.6	.6	.3												52	52	33	
38/ 37	.5	1.2	.9	1.5	.8	.3												48	48	38	24
36/ 35	.1	1.5	1.0	1.1	.8	.6												47	47	46	12
34/ 33	.1	1.6	1.7	1.1	.9													50	52	48	17
32/ 31	1.0	2.9	2.8	2.1	.4													85	87	70	40
30/ 29	.5	3.5	3.2	2.2	.2													89	89	75	46
28/ 27	.5	1.9	4.2	2.3	.3													86	86	73	59
26/ 25	.2	3.0	3.3	1.7														77	77	86	56
24/ 23	.1	3.5	1.7	1.1														59	59	92	31
22/ 21	.1	2.4	2.8	.9														57	57	76	55
20/ 19	.1	3.2	1.3	.1														44	44	57	59
18/ 17	.2	2.2	1.5															36	36	67	65
16/ 15		2.3	2.3															42	42	38	62
14/ 13	.2	1.2	.5															18	18	44	53
12/ 11		.9	.2															10	10	21	64
10/ 9		1.4																13	13	12	56
8/ 7		.5	.1															6	6	13	39
6/ 5																				3	31
4/ 3		.8																7	7	1	33
2/ 1	.1	.3																4	4	9	33
0/ -1																				2	29
-2/ -3																					19
-4/ -5																					7
-6/ -7																					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) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (YEARS) MAR (MONTH)

 1200-1400 (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
-8/ -9																					7
-10/-11																					1
-14/-15																					3
-16/-17																					2
-18/-19																					1
TOTAL	4.	0	37.	5	30.	2	18.	1	7.3	1.9	.5	.3							930.		926
																		926		926	

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.	3945255	58305	63.0	17.215	926							
Dry Bulb	841176	26550	28.5	9.464	930		63.5					93
Wet Bulb	651696	23238	25.1	8.608	926	.2	74.4					93
Dew Point	375461	15421	16.7	11.326	926	8.1	86.7					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

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 79-7d (YEARS) MAR (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 Wet Bulb	TOTAL Dew Point
60/ 59							.1											1	1		
58/ 57								.2										2	2		
54/ 53			.1					.1										2	2		
52/ 51			.1		.1	.3	.2	.3										10	10		
50/ 49			.1		.6	.2	.1											10	10	1	
48/ 47				.1	1.2	.1	.1											14	14	2	
46/ 45		.1	.1	.2	.6	.2	.1											13	13	2	1
44/ 43		.5	1.1	.5	1.3	.8												39	39	8	5
42/ 41		.8	1.0	1.0	.2	.5	.1											33	33	12	2
40/ 39		1.1	2.1	.4	.9	.4	.1											46	46	41	3
38/ 37	.2	1.3	1.1	2.2	.2	.4												50	50	41	10
36/ 35	.2	1.0	2.8	1.5	.9	.2												61	61	50	24
34/ 33	.2	2.1	2.2	1.5	1.2	.2												66	68	49	30
32/ 31	.3	3.1	1.7	1.5	1.0	.1												72	74	80	32
30/ 29	.6	3.1	2.5	1.7	.3													77	77	86	44
28/ 27	.3	2.1	4.8	1.7	.6													88	89	64	64
26/ 25		2.6	2.7	1.6	.3													67	68	74	59
24/ 23	.1	4.0	2.2	1.4														71	71	107	43
22/ 21		2.3	2.9	.5														53	53	76	55
20/ 19	.3	1.9	1.1	.1														32	32	49	55
18/ 17	.2	1.7	1.8															35	35	58	67
16/ 15		2.1	1.9															37	37	34	65
14/ 13		.4	.1															5	5	43	50
12/ 11		1.2																11	11	8	57
10/ 9		1.4	.1															14	14	10	51
8/ 7		.5	.5															10	10	14	49
6/ 5		.1																1	1	8	35
4/ 3																				3	26
2/ 1		.3																3	3	1	32
0/ -1																				2	16
-2/ -3																					17
-4/ -5																					12
-6/ -7																					9
-8/ -9																					5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 75 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

94836 STATION | K I SAWYER AFB MI STATION NAME | 49-78 YEARS | MAR 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 B [illegible] Dew Po.
-10/-11																				1
-14/-15																				2
-16/-17																				3
-18/-19																				1
TOTAL	2.6	33.7	33.0	16.1	9.5	3.6	.9	.6										925	929	925
																			925	

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.	380583	57115	61.7	17.376	925							
Dry Bulb	903003	27577	29.7	9.536	929		58.1					93
Wet Bulb	688971	23995	25.9	8.485	925	.2	72.3					93
Dew Point	388370	15914	17.2	11.136	925	6.6	85.5					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

94836 STATION | K I SAWYER AFB MI STATION NAME | 79-7E YEARS | MAR 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
52/ 51						.1												1	1		
50/ 49					.2		.1	.1										4	4		
48/ 47				.2	.2		.2											6	6		
46/ 45				.5	.3	.2	.1											11	11		
44/ 43	.1		.4	.6	.3													14	14	1	1
42/ 41		.1	.5	.4	.8	.3												20	20	7	
40/ 39	.3	1.3	1.1	.5	.6	.1												37	37	23	2
38/ 37	.2	1.0	2.1	.5	.4	.1												40	40	25	11
36/ 35	.4	1.4	1.4	1.2	.2	.1												44	44	47	12
34/ 33	1.1	2.3	2.6	2.1	.2	.1												77	78	49	30
32/ 31	.2	4.3	2.6	1.0	.2													77	77	60	31
30/ 29	1.2	2.5	2.7	.5	.4													68	68	95	57
28/ 27	1.6	3.6	2.7	1.3	.2													87	87	76	60
26/ 25		3.0	2.4	1.5														64	64	71	53
24/ 23	.1	5.7	2.1	.8														80	80	78	41
22/ 21	.4	3.0	1.8	.5														54	55	85	47
20/ 19	1.3	3.3	1.6	.2														60	61	59	79
18/ 17		3.2	1.9															48	49	57	75
16/ 15	.2	2.7	1.5															41	41	57	53
14/ 13	.1	2.4	.3															26	26	49	51
12/ 11		1.4	.5															18	18	20	41
10/ 9	.4	1.5	.1															19	19	21	56
8/ 7		.9	.2															10	10	17	50
6/ 5		.6	.1															7	7	10	38
4/ 3		.4																4	4	6	34
2/ 1		.5																5	5	4	29
0/ -1	.2	.1																3	3	8	18
-2/ -3	.1																	1	1	1	10
-4/ -5																					11
-6/ -7																					17
-8/ -9																					5
-10/-11																					4
-12/-13																					4
-16/-17																					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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-76 (YEARS) MAR (MONTH)

PAGE 2 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/-19																					4
-20/-21																					1
TOTAL	8.1	45.4	28.7	12.0	4.2	1.1	.4	.1											930		926
																		926		926	

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.	4446940	62296	67.3	16.637	926							
Dry Bulb	738421	24709	26.6	9.391	930	.4	67.5					93
Wet Bulb	593915	22041	23.8	8.655	926	.9	77.7					93
Dew Point	367718	15266	16.5	11.201	926	7.3	87.4					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

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 9-78 (YEARS) MAR (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
46/ 45				.1														1	1		
44/ 43			.1	.4	.1													6	6		
42/ 41			.3	.3	.3													9	9		
40/ 39		1.0	.9	.3														20	20	11	1
38/ 37	.4	.5	1.2	.3	.2													25	25	15	9
36/ 35	.1	1.7	2.2	.6														43	43	20	7
34/ 33	.8	2.7	1.3	.3														47	47	47	15
32/ 31	.2	4.0	2.6	1.3														75	75	52	25
30/ 29	1.5	4.9	1.1	.2														71	71	72	53
28/ 27	2.2	4.2	1.4	.3														75	75	88	61
26/ 25	.6	5.6	1.0	.6														73	73	69	58
24/ 23	1.0	3.6	2.1	.2														63	64	74	56
22/ 21	.3	3.9	1.2	.2														52	52	56	59
20/ 19	.9	4.0	1.0															54	55	70	41
18/ 17	.5	5.5	1.0															65	65	53	66
16/ 15	.5	6.0	.9															68	71	61	51
14/ 13	.5	1.7	.3															24	24	63	59
12/ 11	.4	2.8	.1															31	32	31	42
10/ 9	.2	3.0																30	30	29	72
8/ 7	.3	2.2																23	23	30	46
6/ 5	.2	1.4																15	15	22	29
4/ 3	.4	.8																11	11	13	24
2/ 1	.2	1.6																17	17	13	38
0/ -1	.4	.2																6	6	14	22
-2/ -3	.2	.5																7	7	6	24
-4/ -5	.1	.1																2	2	3	17
-6/ -7	.3																	3	3	4	15
-8/ -9	.6																	6	6	6	6
-10/-11	.2																	2	2	2	3
-12/-13																					2
-14/-15																					8
-16/-17																					6
-18/-19																					5
-20/-21																					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

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 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
TOTAL	13.	462.	0	18.5	5.4	.6												924	930	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.	5125321	67621	73.2	13.833	924							
Dry Bulb	573760	20994	22.6	10.367	930	2.6	77.9					93
Wet Bulb	489037	19201	20.8	9.877	924	3.5	83.6					93
Dew Point	336040	13822	15.0	11.835	924	11.3	89.8					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

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-78 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
60/ 59							.0											2	2		
58/ 57						.0	.0	.0										4	4		
56/ 55							.0											1	1		
54/ 53			.0					.0										3	3		
52/ 51			.0		.0	.1	.0	.1										14	14		
50/ 49			.0	.0	.1	.0	.0	.0										19	19	1	
48/ 47			.0	.1	.3	.0	.1											35	35	4	
46/ 45		.1	.0	.2	.2	.1	.0											39	39	8	1
44/ 43	.0	.2	.3	.4	.4	.1												100	100	19	12
42/ 41	.0	.4	.3	.4	.3	.1	.0											115	115	34	14
40/ 39	.1	.9	.8	.4	.3	.1	.0											202	202	140	22
38/ 37	.3	.9	.9	.8	.2	.1												234	234	159	74
36/ 35	.3	1.4	1.4	.7	.2	.1												312	312	222	91
34/ 33	.5	2.5	1.4	.8	.3	.0												410	414	312	150
32/ 31	.4	3.6	1.9	.9	.2	.0												525	530	476	200
30/ 29	1.4	3.9	1.8	.7	.1													586	587	599	368
28/ 27	1.5	3.9	2.4	.9	.1													652	655	549	518
26/ 25	.6	4.8	1.9	.8	.1													597	605	570	394
24/ 23	.4	3.9	1.5	.5														465	468	670	317
22/ 21	.3	3.4	1.5	.3														405	406	511	403
20/ 19	1.0	3.4	1.1	.1														406	409	454	485
18/ 17	.4	3.7	1.2															391	392	435	528
16/ 15	.3	3.9	1.1															390	396	399	426
14/ 13	.4	2.8	.4															264	264	424	368
12/ 11	.3	2.1	.2															196	197	256	426
10/ 9	.4	2.8	.0															240	240	207	416
8/ 7	.3	1.5	.1															147	148	216	374
6/ 5	.2	1.3	.0															113	113	135	284
4/ 3	.6	1.2																139	139	147	259
2/ 1	.2	1.3																110	110	111	265
0/ -1	1.0	.2																91	91	136	208
-2/ -3	.6	.3																64	64	70	154
-4/ -5	.3	.1																30	30	34	141
-6/ -7	.4																	28	28	31	141

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) JUN 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB HI STATION NAME | 69-78 YEARS | MAR 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
-8/ -9	.5																	34	34	34	111
-10/-11	.2																	16	16	16	68
-12/-13	.0																	3	3	3	32
-14/-15	.1																	7	7	7	46
-16/-17	.1																	6	6	6	32
-18/-19																					28
-20/-21	.1																	4	4	4	21
-22/-23	.0																	2	2	2	9
-24/-25																					4
-26/-27																					5
-28/-29																					2
-30/-31																					1
-32/-33																					3
TOTAL	13.3	54.5	20.3	7.8	2.9	.8	.2	.1											7438		7401
																		7401		7401	

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.	38807571	523197	70.7	15.688	7401							
Dry Bulb	5030443	173837	23.4	11.407	7438	28.5	594.6					744
Wet Bulb	4141284	156656	21.2	10.561	7401	34.5	653.6					744
Dew Point	2723571	108523	14.7	12.370	7401	101.1	707.4					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

94836 STATION | K I SAWYER AFB MI STATION NAME | 70-76 YEARS | APR 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
64/ 63		.1																1	1	1	
62/ 61		.1	.2															3	3	1	2
60/ 59		.3	.2															5	5	1	1
58/ 57		.6		.1														6	6	8	3
56/ 55		.4	.9															12	12	5	6
54/ 53		.1																1	1	3	7
52/ 51	.6	.4		.3														12	12	14	5
50/ 49	.3	.2	.2		.2	.1												10	10	8	10
48/ 47	.4	.8	.2	.3		.1												17	17	9	12
46/ 45		.7	.3	.3	.3													15	15	10	3
44/ 43	.1	.7	.6	.4	.1	.3												20	20	13	13
42/ 41		1.4	.7	.7	.6													30	30	18	10
40/ 39	.2	.9	2.8	.6	.3	.2												45	45	18	12
38/ 37	.6	1.1	2.3	1.3	.2	.1												51	51	27	16
36/ 35	.6	2.9	2.7	1.8	.1													72	72	56	19
34/ 33	.9	3.6	2.4	1.6														76	76	75	33
32/ 31	1.9	4.1	3.8	1.0	.1													98	98	92	49
30/ 29	1.3	5.7	4.6	.3														107	107	108	57
28/ 27	1.0	5.2	3.6	.1														89	89	101	99
26/ 25	.3	3.6	1.4															48	48	94	67
24/ 23	.1	3.3	1.2															42	42	53	42
22/ 21	.1	3.0	.6															33	33	46	86
20/ 19	.2	2.4	.2															26	26	36	75
18/ 17	.1	2.3	.4															26	26	23	61
16/ 15	.1	1.7	.3															19	19	29	60
14/ 13	.2	.9																10	10	20	44
12/ 11		1.0																9	9	6	31
10/ 9	.2	1.0																11	11	14	22
8/ 7		.3																3	3	5	10
6/ 5		.1																1	1	4	14
4/ 3		.1																1	1		15
2/ 1																				1	4
0/ -1																					3
-2/ -3																					6

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | APR 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
-6/ -7																				1
-8/ -9																				1
TOTAL	9.	34	9.2	29.7	8.9	2.0	.9												899	899
																		899		

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.	5196519	67203	74.8	13.875	899							
Dry Bulb	979318	28354	31.5	9.732	899		52.4					90
Wet Bulb	841585	26183	29.1	9.380	899		63.3					90
Dew Point	629968	21628	24.1	11.050	899	1.1	74.8					90

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-75 YEARS | APR 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
64/ 63				.1														1	1		
62/ 61			.1															1	1		
60/ 59		.2																2	2		
58/ 57	.1	.2																3	3	5	3
56/ 55	.1	.3	.2		.1													7	7	4	5
54/ 53		.6	.4	.2														11	11	5	3
52/ 51	.7	.2																8	8	13	11
50/ 49	.8	1.0	.1															17	17	13	14
48/ 47	.2	.3	.1	.2	.3													11	11	11	10
46/ 45	.1	.8	.2	.2	.2													14	14	8	3
44/ 43		1.1	.7	.1	.1	.1												19	19	10	10
42/ 41		1.4	.3	.3														19	19	17	10
40/ 39	.7	2.1	1.7		.2													42	42	30	17
38/ 37		1.3	1.6	.9	.3													37	37	25	20
36/ 35	.8	3.2	2.6	1.0	.1													69	69	45	24
34/ 33	.7	3.3	3.0	.7														69	69	49	34
32/ 31	1.1	4.7	2.8	.9														85	85	91	37
30/ 29	1.7	7.2	2.7															104	104	101	67
28/ 27	1.7	6.3	2.8															97	97	96	74
26/ 25	.8	3.9	1.8															58	58	100	76
24/ 23	.2	3.3	.9															40	40	49	45
22/ 21	.2	4.3	.4															45	45	51	77
20/ 19	.6	3.9																40	40	49	64
18/ 17	.6	2.2																25	25	43	71
16/ 15	.2	2.0																20	20	12	63
14/ 13	.3	1.1																13	13	23	45
12/ 11	.1	1.1																11	11	9	32
10/ 9	.2	1.9																19	19	15	21
8/ 7	.1	.4																5	5	14	14
6/ 5	.1	.4																5	5	7	5
4/ 3		.3																3	3	3	18
2/ 1																				2	9
0/ -1																					5
-2/ -3																					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 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 79-82 YEARS | APR 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
-8/ -9																					5
-10/-11																					1
TOTAL	12.	059.	422.	3	4.7	1.4	.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.	5554958	69784	77.5	12.659	900							
Dry Bulb	908653	27127	30.1	10.063	900		57.0					90
Wet Bulb	799757	25343	28.2	9.788	900		66.5					90
Dew Point	622518	21330	23.7	11.408	900	1.8	73.6					90

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-78 YEARS | APR MONTH

 0600-0800 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
66/ 65			.1															1	1		
62/ 61			.1															1	1	1	
60/ 59			.1															1	1		
58/ 57		.1		.1														2	2	2	2
56/ 55		.7	.1															7	7	4	3
54/ 53		.8	.1	.1		.1												10	10	5	5
52/ 51	.4	.2	.2	.3		.1	.1											13	13	14	8
50/ 49	.3	.1	.4	.1	.1													10	10	3	9
48/ 47	.7	1.4	.2	.1	.2													24	24	15	10
46/ 45		1.7	.2	.1	.3													21	21	20	9
44/ 43		.8	.4		.1	.3												15	15	15	13
42/ 41		1.7	.2	1.0	.2													28	28	20	16
40/ 39	.6	1.2	1.4	.4	.2	.2												37	37	20	22
38/ 37	.3	1.9	2.3	1.2	.3													55	55	24	13
36/ 35	.7	3.3	2.6	1.2	.2	.1												73	73	53	16
34/ 33	.7	4.6	3.0	1.3	.1													87	87	75	33
32/ 31	1.1	3.9	2.5	.4														71	71	95	58
30/ 29	1.6	5.6	3.2	.3														96	96	100	56
28/ 27	1.4	7.2	2.7	.1														103	103	91	91
26/ 25	.1	3.1	1.4															42	42	84	71
24/ 23	.1	3.1	.9															37	37	57	61
22/ 21	.3	3.5	.2															36	37	42	70
20/ 19	1.0	3.8	.3															46	46	46	66
18/ 17	.6	1.7	.1															21	21	36	53
16/ 15	.1	.6																6	7	17	55
14/ 13	.1	1.6																15	16	12	49
12/ 11	.1	1.0																10	10	12	25
10/ 9		1.1																10	10	10	22
8/ 7	.1	1.0																10	10	7	14
6/ 5	.1	.2																3	3	9	7
4/ 3		.6																5	5	3	14
2/ 1		.1																1	1	4	10
0/ -1																				1	2
-2/ -3																					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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94E36 — STATION — K I SAWYER AFB MI — STATION NAME — 9-75 — YEARS — APR — MONTH

PAGE 2 — 0600-0000 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																					2
-6/ -7																					2
-8/ -9																					2
-10/-11																					2
-12/-13																					1
TOTAL	10.	56.	52	3.1	7.0	1.9	.9	.1											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	≥ 80 F	≥ 93 F	Total
Rel. Hum.	539.839	68477	76.3	13.500	897							
Dry Bulb	955902	27896	31.0	10.075	900		51.5					90
Wet Bulb	828927	25863	28.8	9.638	897	.1	62.8					90
Dew Point	634507	21629	24.1	11.229	897	1.6	74.0					90

USAFETAC FORM 0-26-5 (OL A) JUL 66 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-76 YEARS | APR 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
72/ 71					.1													1	1		
70/ 69				.1		.1			.1									3	3		
68/ 67					.2	.1			.1									4	4		
66/ 65				.1		.1		.1										3	3		
64/ 63					.1	.1	.1		.1	.1								5	5	2	
62/ 61			.1		.2	.1			.2	.1								7	7		
60/ 59			.2	.2	.1		.3	.3	.1									12	12	4	1
58/ 57		.6	.1	.6	.4	.2	.2	.2	.1									22	22	6	1
56/ 55		.6		.2		.4	.1	.3	.1									16	16	11	8
54/ 53	.1	.7		.2	.7	.4	.3	.6										27	27	10	10
52/ 51	.2	.1	.2	.4	.8	.3	.4	.7										29	29	17	8
50/ 49	.1	.4	.3	.2	.6	.2	.7	.1										24	24	10	11
48/ 47		.7	.3	.6	1.1	.8	.6	.2										38	38	13	5
46/ 45		.2	.2	1.3	1.7	.8	.7											44	44	30	9
44/ 43		.8	.9	1.1	1.9	1.6	.3											61	61	22	11
42/ 41	.1	1.6	.7	1.7	1.2	.3	.2											52	52	41	17
40/ 39	.6	.9	1.7	1.9	1.2	.7												62	62	60	24
38/ 37	.1	2.0	1.8	1.7	.7	.1												57	57	61	27
36/ 35	.6	1.7	2.4	1.9	.4													63	63	84	33
34/ 33	.1	2.2	3.3	1.2	.3													65	65	91	36
32/ 31	1.1	3.1	2.8	1.0	.1													73	73	85	52
30/ 29	1.4	2.7	3.1	.7	.2													73	73	99	76
28/ 27	.3	2.6	2.6	.3														61	61	73	84
26/ 25	.3	.9	1.8															27	27	59	75
24/ 23		1.3	1.1	.2														24	24	37	66
22/ 21		1.0	.8															16	16	28	76
20/ 19	.1	1.0	.6															15	15	17	68
18/ 17	.1	.8	.2															10	10	16	33
16/ 15		.1	.1															2	2	13	47
14/ 13		.1																1	1	2	44
12/ 11			.1															1	1	1	21
10/ 9		.1	.1															2	2	1	19
8/ 7																				2	19
6/ 5																					2

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) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 9-76 (YEARS) APR (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
4/ 3																					9
2/ 1																					2
-2/ -3																					1
-6/ -7																					1
-8/ -9																					2
TOTAL	5.	32	7.0	25.6	15.7	1?	.1	6.7	4.0	2.6	.9	.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.	4059493	57899	64.3	19.296	900							
Dry Bulb	1416420	34386	38.2	10.685	900		30.5	.8				90
Wet Bulb	1086997	30223	33.6	8.954	900		43.3					90
Dew Point	710548	23388	26.0	10.692	900	.4	69.7					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

94836 STATION | K I SAWYER AFB MI STATION NAME | 79-7[illegible] YEARS | APR 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				
78/ 77											.1							1	1		
76/ 75							.1			.1		.1	.1					4	4		
74/ 73						.1	.2			.1								4	4		
72/ 71							.3		.1	.1	.1							6	6		
70/ 69					.2	.3	.2	.1			.1							9	9		
68/ 67				.2	.2	.2	.3	.1	.2	.1	.2							15	15		
66/ 65		.1			.3	.3		.1		.2								10	10	2	
64/ 63				.3	.3	.1	.3	.2	.3	.1								16	16	2	
62/ 61		.1	.1		.1	.4	.7	.1	.3	.2	.1							20	20	9	1
60/ 59		.2			.2	.2	.4	.2	.4	.3								19	19	10	3
58/ 57		.3		.1	.1	.4	.2	.6	1.4									29	29	13	7
56/ 55		.1	.1	.1	.1	.8	.8	.6	.7									29	29	13	7
54/ 53		.4		.3	.1	.3	.6	1.2										27	27	10	7
52/ 51		.3	.1		.4	.6	.7	.8	.1									27	27	16	10
50/ 49		.1	.3	.3	.4	1.7	1.7	.4										45	45	24	10
48/ 47		.2		.3	1.8	1.2	1.6	.3										49	49	16	10
46/ 45		.7		.9	1.3	2.3	1.4	.1										61	61	28	6
44/ 43		.8	.1	.7	1.1	1.3	.4											40	40	33	16
42/ 41	.3	.9	.8	1.6	1.1	.3												45	45	55	12
40/ 39	.4	1.8	1.3	1.8	1.0	.4												61	61	83	29
38/ 37		1.1	.9	1.0	.9	.4												39	39	78	24
36/ 35	.2	1.2	1.9	2.0	.2	.3												53	53	79	27
34/ 33	.6	2.1	3.0	.9	.8													66	66	78	30
32/ 31	1.3	3.1	3.0	.4	.2													73	73	88	67
30/ 29	.3	2.4	2.2	.6	.1													51	51	77	76
28/ 27	.6	1.1	1.8	.8														38	38	62	81
26/ 25	.3	1.0	1.1	.4														26	26	45	76
24/ 23		.9	.8															15	15	25	68
22/ 21		.7	.3															9	9	26	71
20/ 19		.3	.1															4	4	15	68
18/ 17		.4	.1															5	5	3	48
16/ 15			.1															1	1	6	46
14/ 13		.1	.1															2	2	1	41
12/ 11		.1																1	1	2	14

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-78 YEARS | APR 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
10/ 9																				1	10
8/ 7																					16
6/ 5																					11
4/ 3																					2
2/ 1																					2
0/ -1																					1
-2/ -3																					1
TOTAL	4.1	20.8	18.3	12.8	11.2	12.0	10.0	4.9	3.7	1.3	.7	.1	.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.	3393438	51904	57.7	21.096	900							
Dry Bulb	1747892	38074	42.3	12.353	900		22.5	3.9	.9			90
Wet Bulb	1242870	32342	35.9	9.471	900		35.1					90
Dew Point	740306	23912	26.6	10.807	900	.2	70.1					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

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 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
80/ 79											.1							1	1		
76/ 75							.1		.1	.1								3	3		
74/ 73						.1	.2	.2										5	5		
72/ 71						.2	.2	.1	.1		.1							7	7		
70/ 69					.1	.2	.3		.1	.1								8	8		
68/ 67		.1	.1	.1	.3	.2		.2										10	10		
66/ 65			.1		.1	.1	.2	.3	.2	.2	.1	.1						14	14	2	
64/ 63		.1		.1		.2	.4	.4	.3	.2								17	17	5	2
62/ 61		.3	.1		.3	.3		.1	1.0	.7								26	26	10	2
60/ 59		.1		.2	.2	.1	.2	.1	.7	.2								17	17	13	4
58/ 57		.3	.4		.9	.2	.2	.2	.4	.1								26	26	7	4
56/ 55		.1		.1	.3	.2	1.4	.6	.4									29	29	8	8
54/ 53		.2	.1	.2	.2	1.2	.4	1.0	.3									34	34	18	7
52/ 51		.1	.4	.1	.6	1.0	1.1	.9	.1									39	39	14	11
50/ 49			.7		.2	.6	2.4	.3										38	38	21	9
48/ 47		.3	.1	.2	1.2	1.8	2.2											53	53	19	7
46/ 45		.1		1.1	1.6	1.9	1.4	.2										57	57	38	8
44/ 43		.8	.2	.4	1.7	.6	.1											34	34	38	20
42/ 41		.6	.9	.9	1.4	.8	.1											42	42	45	21
40/ 39	.6	1.2	1.6	1.6	.8	.6												56	56	76	23
38/ 37	.2	1.0	2.3	1.7	1.2	.2												60	60	85	9
36/ 35		.8	1.4	1.9	.3													40	40	72	23
34/ 33	.9	3.6	1.7	1.1	.2													67	67	85	35
32/ 31		3.9	1.8	1.1	.4													65	65	76	70
30/ 29	.2	2.4	2.4	.4	.1													51	51	94	63
28/ 27	.3	.9	2.4	.7														39	39	41	101
26/ 25	.4	.6	1.3	.1														22	22	50	86
24/ 23		.6	1.6															19	19	28	42
22/ 21		.7	.1															7	7	24	72
20/ 19		.3	.2															5	5	16	67
18/ 17		.1	.2															3	3	4	41
16/ 15		.2	.3															5	5	4	65
14/ 13		.1																1	1	7	32
12/ 11																					25

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	≥ 90 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | APR 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																					19
8/ 7																					11
6/ 5																					7
4/ 3																					3
2/ 1																					3
TOTAL	2.7	19.6	20.7	12.1	12.3	10.6	11.3	4.8	3.9	1.7	.3	.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.	3307543	51253	56.9	20.796	900							
Dry Bulb	1770063	38319	42.6	12.415	900		21.7	3.4	.9			90
Wet Bulb	1253662	32458	36.1	9.613	900		34.4					90
Dew Point	740331	23861	26.5	10.946	900		70.7					90

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

94836 STATION — K I SAWYER AFB MI STATION NAME — 69-76 YEARS — APR 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
74/ 73								.1										1	1		
72/ 71						.1	.1			.1								3	3		
70/ 69						.1												1	1		
68/ 67					.3	.3	.1	.1	.1									9	9		
66/ 65				.3		.1												4	4		
64/ 63		.3	.1		.1	.1	.2	.2	.1									11	11	2	1
62/ 61			.1		.1	.1		.2										5	5	3	2
60/ 59		.3		.2	.1	.2	.2	.2	.2	.1								15	15	11	
58/ 57		.6	.3	.3	.2		.2	.3										18	18	6	4
56/ 55		.2	.2	.2	.3	.1	.3	.4	.3									20	20	10	8
54/ 53		.1	.1	.8	.2	.7	.6	.8	.1									30	30	10	8
52/ 51	.1	.2	.3	.1	.3	.9	.7	.4	.1									29	29	11	10
50/ 49		.2	1.0		1.0	.7	1.0		.1									36	36	16	9
48/ 47		.1	.4	.4	.6	1.0	1.3	.1										36	36	20	4
46/ 45		.7	.2	1.0	1.2	1.4	.8											48	48	22	11
44/ 43		.6	.4	1.9	1.2	1.8	.1											54	54	30	13
42/ 41		.6	.7	1.7	1.2	.9	.1											46	46	41	26
40/ 39	.2	1.3	2.0	.7	1.4	.3												54	54	46	10
38/ 37	.7	1.8	2.2	1.7	1.8													73	73	78	18
36/ 35	.3	1.6	2.4	1.7	1.1													64	64	85	27
34/ 33	1.3	1.6	2.2	.9	.7													60	60	91	39
32/ 31	.3	3.4	2.6	1.2	.3													71	71	79	71
30/ 29	.4	3.2	1.9	.8														57	57	98	59
28/ 27	.8	2.3	3.2	.6														62	62	68	112
26/ 25	.2	1.6	2.3	.1														38	38	49	65
24/ 23	.1	.3	1.6	.1														19	19	52	32
22/ 21		1.0	.6															14	14	28	60
20/ 19		.7	.1															7	7	18	79
18/ 17		.3	.2															5	5	11	44
16/ 15		.2	.3															5	5	7	48
14/ 13																				3	56
12/ 11		.4																4	4		36
10/ 9		.1																1	1	4	26
8/ 7																				1	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

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 9-78 (YEARS) APR (MONTH)

PAGE 2 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				
6/ 5																					4
4/ 3																					8
2/ 1																					4
0/ -1																					1
-2/ -3																					1
TOTAL	4.6	23.8	25.7	14.7	12.3	8.9	5.8	3.0	1.1	.2								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.	3813610	55876	62.1	19.578	900							
Dry Bulb	1484679	35163	39.1	11.105	900		28.3	1.4	.1			90
Wet Bulb	1116254	30586	34.0	9.243	900		41.8					90
Dew Point	707851	23229	25.8	10.976	900	.2	71.0					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

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 9-73 (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					
64/ 63		.3		.2	.2			.1	.1										9	9	3	
62/ 61			.2	.2															4	4		3
60/ 59		.3	.1																4	4	1	
58/ 57		.3	.1	.2			.1												7	7	11	2
56/ 55		.4	.6	.1															10	10	4	6
54/ 53		.3	.6	.3	.1	.3													15	15	6	5
52/ 51		.1	.2		.3		.1												7	7	11	8
50/ 49	.1	.2	.7	.3	.4	.2	.1												19	19	9	10
48/ 47		.8	.2	.1	.4	.2	.4												20	20	10	8
46/ 45	.1	1.1	.3	1.4	.4	.3	.1												35	35	16	13
44/ 43		.9	.2	2.1	.7	.1													36	36	23	7
42/ 41	.2	1.1	.7	.9	.9	.6													39	39	18	15
40/ 39	.1	1.1	2.0	1.6	1.3	.1													56	56	32	13
38/ 37	.3	2.7	2.1	1.4	.9	.2													69	69	47	12
36/ 35	.4	2.7	2.3	1.6	.4														67	67	72	28
34/ 33	1.3	2.1	4.1	1.3	.4														84	84	81	42
32/ 31	1.8	3.9	3.4	1.7	.1														98	98	101	69
30/ 29	.4	5.2	3.8	.9															93	93	109	58
28/ 27	.4	3.2	3.6	.4															69	69	83	98
26/ 25	.1	2.1	2.1																39	39	81	64
24/ 23	.2	2.7	.7																32	32	57	49
22/ 21	.3	1.4	.7																22	22	41	65
20/ 19	.1	2.6	.7																30	30	14	68
18/ 17		1.1	.3																13	13	31	60
16/ 15		.4	.4																8	8	17	67
14/ 13		.2																	2	2	7	34
12/ 11		.9																	8	8	3	32
10/ 9		.6																	5	5	9	26
8/ 7																					3	9
6/ 5																						7
4/ 3																						10
2/ 1																						7
0/ -1																						2
-6/ -7																						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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-70 YEARS | APR MONTH

PAGE 2 | 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					
-8/ -9																						1
TOTAL	6.	13	8.9	20.	11	4.9	6.8	2.1	.9	.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	≥ 93 F	Total
Rel. Hum.	4654209	63119	70.1	15.909	900							
Dry Bulb	1144551	30869	34.3	9.768	900		41.9					90
Wet Bulb	941665	27955	31.1	9.033	900		55.6					90
Dew Point	665452	22442	24.9	10.851	900	.5	72.8					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

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 9-76 (YEARS) APR (MONTH)

ALL (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	Wet Bulb	Dew Point
80/ 79											.0							1	1		
78/ 77											.0							1	1		
76/ 75							.0		.0	.0		.0	.0					7	7		
74/ 73						.0	.1	.0		.0								10	10		
72/ 71					.0	.0	.1	.0	.0	.0	.0							17	17		
70/ 69				.0	.0	.1	.1	.0	.0	.0	.0							21	21		
68/ 67		.0	.0	.0	.1	.1	.1	.1	.1	.0	.0							38	38		
66/ 65		.0	.0	.1	.1	.1	.0	.1	.0	.1	.0	.0						32	32	4	
64/ 63		.1	.0	.1	.1	.1	.1	.1	.1	.1								60	60	15	3
62/ 61		.1	.1	.0	.1	.1	.1	.1	.2	.1	.0							67	67	24	10
60/ 59		.2	.1	.1	.1	.1	.2	.1	.2	.1								75	75	40	9
58/ 57	.0	.4	.1	.2	.2	.1	.1	.2	.3	.0								113	113	58	26
56/ 55	.0	.4	.3	.1	.1	.2	.3	.2	.2									130	130	59	31
54/ 53	.0	.4	.2	.3	.2	.4	.2	.4	.1									155	155	67	42
52/ 51	.3	.2	.2	.2	.3	.4	.4	.3	.0									164	164	110	71
50/ 49	.2	.3	.5	.1	.4	.4	.7	.1	.0									199	199	104	82
48/ 47	.2	.6	.2	.3	.7	.6	.8	.1										248	248	118	66
46/ 45	.0	.7	.2	.8	.9	.8	.6	.0										295	295	172	62
44/ 43	.0	.8	.4	.8	.9	.8	.1											279	279	174	103
42/ 41	.1	1.2	.6	1.1	.8	.4	.1											301	301	255	127
40/ 39	.4	1.3	1.8	1.1	.8	.3												413	413	365	150
38/ 37	.3	1.6	1.9	1.4	.8	.1												441	441	425	239
36/ 35	.4	2.2	2.3	1.6	.4	.1												501	501	546	197
34/ 33	.8	2.9	2.8	1.1	.3													574	574	625	284
32/ 31	1.1	3.8	2.8	1.0	.2													634	634	707	473
30/ 29	.9	4.3	3.0	.5	.1													532	632	786	512
28/ 27	.8	3.7	2.8	.4														558	558	615	740
26/ 25	.3	2.1	1.7	.1														300	300	562	580
24/ 23	.1	1.9	1.1	.0														228	228	358	405
22/ 21	.1	1.9	.5															182	183	286	577
20/ 19	.3	1.9	.3															173	173	211	555
18/ 17	.2	1.1	.2															108	108	167	411
16/ 15	.1	.7	.2															66	67	105	451
14/ 13	.1	.5	.0															44	45	75	345

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) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | APR MONTH

ALL 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
12/ 11	.0	.6	.0															44	44	33	216
10/ 9	.1	.6	.0															48	48	54	165
8/ 7	.0	.2																18	18	32	99
6/ 5	.0	.1																9	9	20	57
4/ 3		.1																9	9	6	79
2/ 1		.0																1	1	7	41
0/ -1																				1	14
-2/ -3																					21
-4/ -5																					2
-6/ -7																					6
-8/ -9																					11
-10/-11																					3
-12/-13																					1
TOTAL	6.8	36.9	24.4	11.3	7.5	5.3	4.0	1.9	1.2	.4	.1	.0	.0					7199			7196
																	7196		7196	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 75 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	35370609	485515	67.5	19.056	7196							
Dry Bulb	10407478	260188	36.1	11.809	7199		305.7	9.5	1.9			720
Wet Bulb	8111717	230953	32.1	9.859	7196	.1	402.7					720
Dew Point	5451481	181419	25.2	11.045	7196	5.8	576.7					720

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-78 YEARS | MAY MONTH

PAGE 1 | 0000-0200 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						
76/ 75					.2													2	2		
74/ 73				.1														1	1		
70/ 69				.2			.1											3	3		
68/ 67					.2													2	2	3	
66/ 65			.1	.2			.1											4	4		
64/ 63		.5	.2	.5		.1												13	13	5	2
62/ 61		1.6	.8	.5	.2	.2	.2											33	33	3	7
60/ 59		1.9	1.0	.5	.5	.1												38	38	31	13
58/ 57		1.1	.3	.8	.3													23	23	26	21
56/ 55	.3	.2	.6	.9	.9	.5	.1											33	33	24	25
54/ 53	.1	.8	.5	1.4	.8	.2	.3											38	38	18	17
52/ 51	.4	1.0	1.5	.5	1.3	.3												47	47	35	20
50/ 49		1.3	.8	1.3	.6	.1												38	38	28	16
48/ 47	.2	1.1	1.2	1.3	.4	.3												42	42	45	25
46/ 45	.6	3.2	2.5	1.5	1.1	.4												87	87	49	35
44/ 43	.4	1.9	.8	1.0	.2	.3												43	43	75	57
42/ 41	.5	2.4	2.2	1.6	.1													63	63	69	48
40/ 39	.5	2.4	1.7	1.2	.3													57	57	57	44
38/ 37	1.5	2.5	2.9	1.0														73	73	73	49
36/ 35	.5	3.0	3.1	1.1														72	72	63	86
34/ 33	.1	2.5	3.3	.4														59	59	33	46
32/ 31	.4	3.8	2.4	.4														65	65	79	57
30/ 29	.2	1.5	2.0															35	35	57	76
28/ 27	.1	1.7	1.4															30	30	33	78
26/ 25		1.0	1.1															19	19	40	53
24/ 23		.3																3	3	22	30
22/ 21		.4																4	4	6	34
20/ 19	.1	.2																3	3	6	45
18/ 17																					20
16/ 15																					20
14/ 13																					6
TOTAL	6.2	36.2	30.3	16.5	7.2	2.7	.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.	5407599	69625	74.9	14.491	930							
Dry Bulb	1821563	40009	43.0	10.394	930		15.9	.8	.3			93
Wet Bulb	1552249	36887	39.7	9.798	930		24.3	.3				93
Dew Point	1263359	32681	35.1	11.122	930		41.9					93

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-78 YEARS | MAY MONTH

PAGE 1 | 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
70/ 69				.1														1	1		
68/ 67			.1		.1													2	2		
66/ 65		.1	.2			.1												4	4		
64/ 63		.5																5	5	5	
62/ 61		.6	.2	.1	.1	.2												12	12	5	10
60/ 59		1.9	.2	.1			.1	.1										23	23	10	7
58/ 57		2.4	.3	.3	.4													32	32	24	11
56/ 55	.2	1.2	.5	.6	.3													27	27	29	27
54/ 53		1.1	1.5	.2	.1	.3												30	30	13	16
52/ 51	.3	.9	1.3	.4	.9		.1											36	36	26	14
50/ 49	.2	1.4	2.0	1.7	.3	.3												56	56	36	19
48/ 47	.2	2.3	1.2	1.5	.3	.1												52	52	35	22
46/ 45	.5	2.8	1.8	.9	.9	.2												66	66	50	53
44/ 43	.3	2.9	1.4	.8	.2	.2												54	54	61	39
42/ 41	.5	2.5	1.6	1.2														54	54	61	55
40/ 39	1.3	3.2	2.0	.5	.3													69	69	69	49
38/ 37	1.3	2.6	2.6	.5														65	65	65	64
36/ 35	1.0	2.9	2.0	.3														58	58	62	72
34/ 33	.1	3.2	2.8	.3														60	60	60	37
32/ 31	1.0	4.7	3.7	.3														90	90	74	54
30/ 29	.1	3.4	1.2	.2														46	45	80	80
28/ 27	.1	3.0	1.6															44	44	54	70
26/ 25		1.8	.3															20	20	41	60
24/ 23		1.2																11	11	28	44
22/ 21		.6																6	6	12	26
20/ 19	.2	.2																4	4	6	54
18/ 17		.2																2	2	3	22
16/ 15																					17
14/ 13																					6
12/ 11																					1
TOTAL	7.4	47.8	28.7	10.2	4.0	1.5	.2	.1										929	929		929
																				929	

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.	5879853	72887	78.5	13.185	929							
Dry Bulb	1662254	38194	41.1	9.956	929		22.3	.3				93
Wet Bulb	1455747	35681	38.4	9.588	929		29.8					93
Dew Point	1221358	32140	34.6	10.859	929		43.4					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

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-78 YEARS | MAY MONTH

PAGE 1 | 0600-0800 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	Wet Bulb	Dew Point
76/ 75					.1													1	1		
72/ 71						.1												1	1		
70/ 69			.1		.1	.1		.1										4	4		
68/ 67			.1				.1											2	2	1	
66/ 65		.1	.1	.2	.3	.1	.1											9	9	1	1
64/ 63		.5	.5	.6	.2	.3	.1	.1										23	23	2	2
62/ 61		.8	.6	.6	.3	.5												27	27	10	4
60/ 59	.2	1.1	.3	.1	.2	.4		.2										24	24	19	8
58/ 57	.1	1.7	.2	.6	.5	.1		.1										32	32	30	19
56/ 55	.1	1.0	.8	.9	.5	.6												36	36	30	23
54/ 53	.2	.4	.9	1.1	.4	.5	.2											35	35	21	27
52/ 51	.1	.9	1.6	1.2	1.1	.2												47	47	32	14
50/ 49	.2	2.3	1.5	1.3	.6	.2	.1											58	58	40	23
48/ 47	.1	2.3	1.0	1.1	.5	.1												47	47	55	35
46/ 45	1.0	2.2	1.1	1.7	.9	.2												65	65	63	52
44/ 43	.1	3.8	1.7	1.7	.5													73	73	72	45
42/ 41	.5	3.5	1.8	1.7	.5													76	76	63	63
40/ 39	.9	2.6	2.5	1.0	.3													67	67	84	61
38/ 37	.8	1.8	2.9	.9														59	59	65	56
36/ 35	.9	2.7	2.5	.5														61	61	68	58
34/ 33	.3	2.4	2.7	.2														52	52	67	62
32/ 31	.8	3.3	2.4															60	60	70	63
30/ 29	.2	2.4	.9															32	32	65	65
28/ 27		1.6	.3															18	18	31	73
26/ 25		1.2	.3															14	14	22	63
24/ 23		.3																3	3	12	40
22/ 21		.2																2	2	4	29
20/ 19	.1	.1																2	2	3	29
18/ 17																					9
16/ 15																					5
14/ 13																					1
TOTAL	6.6	39.0	26.8	15.5	7.3	3.7	.6	.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.	5539876	70474	75.8	14.653	930							
Dry Bulb	1889247	40847	43.9	10.122	930		13.1	.8	.1			93
Wet Bulb	1616050	37716	40.6	9.308	930		20.7	.1				93
Dew Point	1324200	33744	36.3	10.367	930		37.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 79-78 (YEARS) MAY (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
86/ 85								.1										1	1		
84/ 83											.1							1	1		
82/ 81							.1			.3	.1	.1						6	6		
80/ 79						.1	.1	.1	.5	.1	.3							12	12		
78/ 77								.4	.2	.2	.1							9	9		
76/ 75					.1	.2	.8	.2	.4	.4	.1							21	21		
74/ 73				.3	.2	.2	.4	.6	.3									20	20		
72/ 71				.2	.3	.3	.1	.9		.1	.1							19	19	1	
70/ 69			.1	.3	1.0	.4	.4	.5		.1								27	27	2	
68/ 67			.3	.4	.3	.4	.4	.4			.3	.1						26	26	6	
66/ 65			.4	.8	.1	.6	.9	.4	.2	.1	.1							34	34	14	3
64/ 63		.1	.2	.1	.8	.9	1.2	.4	.4	.4								42	42	30	5
62/ 61		.5	.1	.1	.2	.5	1.2	.6	.5									36	36	31	10
60/ 59	.1	.3	.1	.2	.3	1.0	.8	.5	.3									34	34	39	20
58/ 57		.1	.5	.6	.8	1.0	.8	1.2										46	46	30	22
56/ 55		.3	.8	.3	.6	1.4	.5	.6										43	43	29	27
54/ 53	.1	.6	.4	.6	.8	.8	1.2	.5										47	47	37	14
52/ 51		1.0	.3	.2	.9	.8	1.1	.4										43	43	41	20
50/ 49	.1	1.5	1.0	1.1	1.3	1.0	.4											59	59	57	48
48/ 47	.2	.6	.9	1.7	1.0	1.3	.3											56	56	60	40
46/ 45	.2	2.5	.3	1.8	2.2	1.2	.2											78	78	70	53
44/ 43	.2	2.7	.6	1.8	1.1		.1											61	61	85	54
42/ 41	.1	2.2	1.2	1.5	.1	.1												48	48	80	57
40/ 39	.5	1.5	1.3	1.0	.6													46	46	75	50
38/ 37	.5	1.2	.8	1.3	.3													38	38	75	66
36/ 35		1.0	1.4	.6	.1													29	29	56	44
34/ 33		1.4	1.2															24	24	35	48
32/ 31	.1	1.2	.1															13	13	39	62
30/ 29		.5	.4															9	9	30	61
28/ 27		.1	.1															2	2	4	85
26/ 25																				4	57
24/ 23																					26
22/ 21																					27
20/ 19																					22

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 79-80 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
18/ 17																					4
16/ 15																					4
14/ 13																					1
TOTAL	2.3	19.4	12.6	15.2	13.0	12.2	11.0	8.2	3.0	1.8	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.	382452	56624	60.92	20.130	930							
Dry Bulb	270482	48836	52.5	12.291	930		2.4	14.2	7.0	1.2		93
Wet Bulb	200466	42240	45.4	9.619	930		7.7	.9				93
Dew Point	144434	35224	37.9	10.897	930		34.9					93

USAFETAC FORM 0-26-5 (OL A) 80 04 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | MAY MONTH

PAGE 1 | 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												.1						1	1		
90/ 89										.1								1	1		
88/ 87									.1			.1		.2				4	4		
86/ 85											.2		.1	.1				4	4		
84/ 83							.1		.3	.4	.2	.2	.1	.2				15	15		
82/ 81									.3	1.1	.6	.3	.3					26	26		
80/ 79							.3	.3	.3	.5	.2	.1	.1					18	18		
78/ 77					.1	.2	.2	.2	.3	.8	.1							18	18		
76/ 75					.2	1.0		.4	.2	.5		.2						24	24		
74/ 73				.2	.3	.6	.3	.1	.6	.1		.2						24	24		
72/ 71				.1	.3	.1	.6	.3	.9	.2	.2	.2	.2					30	30	3	
70/ 69			.2	.1	.2	.1	.3	1.2	.8	.2	.9	.3						40	40	6	
68/ 67			.4		.2	.3	.5	1.2	.2	.5	.4							36	36	13	
66/ 65			.3	.1		.5	.4	.9	.8	.5	.2							35	35	33	3
64/ 63		.3		.2	.1	.3	.9	1.2	1.3	.6								46	46	38	8
62/ 61		.2	.2	.3	.1	.5	.8	.9	1.4									41	41	27	21
60/ 59			.5	.5	1.1	.8	.9	1.0	.3	.1								48	48	33	20
58/ 57		.6	.1	.5	.6	.3	.5	1.3	.6									44	44	33	11
56/ 55		.3	.8	.2	.4	.2	1.1	1.4	.1									42	42	44	25
54/ 53		.4	.2	.4	1.0	.3	.8	.9										37	37	37	22
52/ 51		.3	.3	.2	.9	.6	.5	.2										29	29	61	34
50/ 49		1.1	.2	.9	1.1	.8	.3	.2	.1									43	43	58	24
48/ 47		1.3	.6	1.4	1.5	.4	.4											53	53	68	41
46/ 45	.6	2.0	.9	1.7	2.0	1.3	.2											82	82	74	72
44/ 43		2.3	.6	1.1	.9	.2												47	47	75	49
42/ 41	.3	1.0	.6	.8	.9													33	33	75	49
40/ 39	.2	.4	.9	.9	1.3													34	34	71	47
38/ 37	.6	.9	.5	.3	.1													23	23	49	59
36/ 35	.2	.8	1.3	.2														23	23	49	52
34/ 33		.8	.4															11	11	34	51
32/ 31		.6	.1															7	7	30	53
30/ 29		.6	.5															11	11	10	66
28/ 27																				7	88
26/ 25																				2	42

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) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 59-78 YEARS | MAY 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
24/ 23																				28
22/ 21																				36
20/ 19																				16
18/ 17																				6
16/ 15																				3
14/ 13																				3
12/ 11																				1
TOTAL	2.0	14.0	9.9	10.2	13.3	8.7	9.2	11.6	8.7	5.8	3.2	1.8	.9	.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.	3146246	50318	54.1	21.358	930							
Dry Bulb	3156145	52661	56.6	13.695	930		1.8	24.1	13.5	5.9		93
Wet Bulb	2175391	44033	47.3	9.873	930		4.9	2.2				93
Dew Point	1464566	35400	38.1	11.226	930		34.2					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

94836 STATION | K I SAWYER AFB MI STATION NAME | 59-76 YEARS | MAY 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
94/ 93													.2	.1				3	3		
92/ 91															.1			1	1		
90/ 89															.1			1	1		
88/ 87												.1	.1					2	2		
85/ 85								.2			.1	.1						4	4		
84/ 83							.1	.1	.2	.6	.4	.1	.1	.3				19	19		
82/ 81								.3	.2	1.0	.4	.8	.1					26	26		
80/ 79						.1	.5	.4	.2	.4	.4	.4	.3					27	27		
78/ 77						.1	.4		.4	.6	.4							19	19		
76/ 75					.4	.3	.4	.4	.5	.2	.2	.1	.1					26	26		
74/ 73				.1	.2	.2	.1	.5	.4	.6		.4	.2	.1				28	28		
72/ 71				.1	.2	.3	.9	.5	.9	.1	.6	.2						36	36	3	
70/ 69			.1			.3	.5	1.2	.3	.2		.5						30	30	6	
68/ 67			.1			.3	.1	1.2	.4	.5	.2	.1						28	28	20	1
66/ 65			.2	.2	.2	.3	.3	.5	.5	.9	.2							32	32	26	2
64/ 63			.4	.3	.1	.6	.5	1.2	1.3	.3								45	45	33	7
62/ 61		.3	.3	.2	.1	.4	1.9	.3	1.2	.2								47	47	22	13
60/ 59		.2	.3	.4	.4	.2	.9	.9	.8									38	38	48	14
58/ 57		.2	.3	1.2	.2	.2	.9	.6	.5									39	39	40	24
56/ 55		.4	.5	.2	.4	.9	1.0	1.1	.1									43	43	36	19
54/ 53		.2	.5	.3	.8	.6	.2	.9	.2									35	35	42	29
52/ 51		.3	.4	.3	1.0	.9	.5	.4	.1									37	37	56	33
50/ 49	.1	.5	.5	1.1	.9	.9	.9	.2										47	47	66	19
48/ 47	.1	2.3	.9	1.0	1.7	1.0	.9	.2										74	74	55	41
46/ 45	.3	.4	.8	2.0	1.3	1.2	.1											57	57	80	67
44/ 43	.1	.9	1.1	.9	.8	.5	.3											42	42	60	53
42/ 41		1.0	.5	1.1	1.2	.2												37	37	59	38
40/ 39	.5	1.2	.4	1.2	1.6													46	46	82	47
38/ 37	.1	1.3	.4	.4														21	21	64	56
36/ 35	.2	.3	.3	.2														10	10	46	63
34/ 33		1.1	.1	.2														13	13	40	55
32/ 31	.2	.8	.3															12	12	29	46
30/ 29		.2	.3															5	5	10	76
28/ 27																				6	53

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

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 79-78 (YEARS) MAY (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				
26/ 25																				1	54
24/ 23																					43
22/ 21																					34
20/ 19																					18
18/ 17																					10
16/ 15																					10
14/ 13																					2
12/ 11																					2
10/ 9																					1
TOTAL	1.7	11.6	9.0	11.5	11.5	9.7	11.5	11.3	8.4	5.8	3.1	2.9	1.2	.5	.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.	2906593	48319	52.0	20.650	930							
Dry Bulb	3213371	53117	57.1	13.904	930		1.7	25.0	15.6	6.9	.3	93
Wet Bulb	2175238	44014	47.3	9.967	930		4.6	2.9				93
Dew Point	1428404	34872	37.5	11.404	930		34.9	.1				93

USAFETAC FORM 0-26-5 (01. A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 9-75 (YEARS) MAY (MONTH)

PAGE 1 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
92/ 91													.1					1	1		
88/ 87											.1							1	1		
86/ 85											.1							1	1		
84/ 83									.1					.1				2	2		
82/ 81						.1			.2	.5	.2	.2	.1					13	13		
80/ 79					.1	.1			.3	.3		.1						9	9		
78/ 77					.1	.1	.4		.1	.8	.1	.1						16	16		
76/ 75					.1	.2	.3	.4	.4	.2	.2	.2						20	20		
74/ 73					.3	.6	.2	.3	.3	.3	.1	.1						22	22		
72/ 71				.4	.6	.2		.5	.5	.3	.1							26	26	2	
70/ 69			.2	.4	.4	.4	.2	.2	.3	.5	.1							27	27	4	
68/ 67				.1	.2	.4	.6	.2	.4	.2	.2							23	23	5	2
66/ 65		.1	.2	.1	.4	.3	1.4	.5		.5								34	34	21	2
64/ 63				.1		1.3	.5	1.1	1.1	.2								40	40	29	4
62/ 61		.4	.2	.1	.4	.5	.9	.5	.6									35	35	20	14
60/ 59	.1	.8	.2	.2	.9	.6	1.0	.3	.1									43	43	30	21
58/ 57		.4	.3	.4	1.2	.5	.8	1.1	.2									46	46	36	15
56/ 55		.5	.4	.5	.3	.9	1.3	.6	.1									44	44	31	20
54/ 53		.9	.4	.4	.5	.6	.6	.5	.2									40	40	52	17
52/ 51		.4	1.0	.2	1.2	.8	.5	.2	.1									41	41	45	26
50/ 49		.6	1.0	.8	.4	1.1	1.1	.1										47	47	56	26
48/ 47	.2	2.5	.9	1.3	1.0	1.2	.8	.1										73	73	58	33
46/ 45	.2	1.1	1.4	1.5	2.3	1.4	.4											77	77	77	71
44/ 43	.3	.4	1.8	1.2	1.2	1.0	.1											56	56	66	58
42/ 41		1.1	.9	1.4	1.1	.4	.1											46	46	59	36
40/ 39	.4	1.3	.2	.6	1.4	.1												38	38	74	39
38/ 37	.3	1.0	.4	1.3	.9													36	36	71	68
36/ 35	.6	.6	.5	1.4	.2													32	32	63	59
34/ 33	.1	1.1	.8	.2														20	20	43	60
32/ 31	.1	1.1	.4	.1														16	16	50	44
30/ 29		.1	.3															4	4	30	60
28/ 27			.1															1	1	3	67
26/ 25																				4	43
24/ 23																					28

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-76 YEARS | MAY MONTH

PAGE 2 | 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				
22/ 21																				49
20/ 19																				25
18/ 17																				21
16/ 15																				10
14/ 13																				1
12/ 11																				2
10/ 9																				3
TOTAL	2.	5	14.	4	11.	7	12.	9	15.	3	13.	0	11.	3	7.	3	5.	3	4.	0	1.	3	.8	.2	.1			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.	3385929	52811	56.8	20.410	930							
Dry Bulb	2800030	49650	53.4	12.680	930		2.1	16.1	8.5	2.0		93
Wet Bulb	2006193	42213	45.4	9.850	930		8.7	1.1				93
Dew Point	1379195	34141	36.7	11.639	930		35.9	.2				93

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

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 9-78 (YEARS) MAY (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
90/ 79							.1											1	1		
78/ 77						.1												1	1		
76/ 75					.1													1	1		
74/ 73				.2			.1	.1										4	4		
72/ 71				.2		.2	.2	.1	.1									8	8		
70/ 69				.4		.1		.3	.1									9	9		
68/ 67			.3	.2	.4	.3	.3											15	15	5	
66/ 65			1.0	.8	.4	.3	.2	.2	.2									29	29	2	
64/ 63		.3	.5	1.1	.4	.8	.3	.1										33	33	10	5
62/ 61		1.1	.4	1.1	.6	.2	.2											34	34	19	11
60/ 59		1.0	.3	.3	.5	.6	.4	.4										34	34	36	25
58/ 57		.5	.3	.5	1.8	.6	.3	.4										43	43	31	13
56/ 55		.3	.2	.3	.6	1.0	.4	.1										28	28	28	21
54/ 53		1.5	.5	1.0	1.4	.5	.9	.1										55	55	25	21
52/ 51	.1	.4	1.2	.5	.8	.4	.2	.1										35	35	39	28
50/ 49		.6	.9	1.2	1.1	.4	.1											40	40	38	16
48/ 47		1.5	.5	1.9	.9	.5	.2											52	52	48	20
46/ 45	.8	3.2	1.4	1.7	1.2	.3												80	80	72	60
44/ 43	.3	.5	2.6	1.2	.6	.5												54	54	67	55
42/ 41	.2	2.2	1.8	1.6	1.1	.1												65	65	58	37
40/ 39	.4	2.0	1.9	1.5	.2	.1												58	58	78	40
38/ 37	1.1	2.3	1.8	1.6	.4													67	67	70	63
36/ 35	.2	1.2	1.4	1.6	.1													42	42	64	74
34/ 33	.3	2.0	2.0	1.0	.1													51	51	59	59
32/ 31	.3	1.6	1.9	.9														44	44	63	51
30/ 29		1.6	1.2	.1														27	27	51	64
28/ 27		.3	1.0															12	12	32	74
26/ 25		.6																6	6	25	55
24/ 23		.2																2	2	8	26
22/ 21																				2	36
20/ 19																					34
18/ 17																					25
16/ 15																					12
14/ 13																					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) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 79-82 (YEARS) MAY (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
12/ 11																					1
TOTAL	3.	8.	25.	23.	32.	1.	0.	12.	9	7.	3	4.	1	2.	0	.	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.	4609193	63587	68.4	16.779	930							
Dry Bulb	2150763	43487	46.8	11.237	930		9.1	3.9	.7	.1		93
Wet Bulb	1729422	39022	42.0	9.956	930		18.1	.5				93
Dew Point	1332141	33571	36.1	11.380	930		38.2					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

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 9-7[illegible] (YEARS) MAY (MONTH)

PAGE 1 ALL (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													.0	.0				3	3		
92/ 91												.0	.0		.0			3	3		
90/ 89										.0					.0			2	2		
88/ 87									.0		.0	.0	.0	.0				7	7		
86/ 85								.0			.1	.0	.0	.0				10	10		
84/ 83							.0	.0	.1	.1	.1	.0	.0	.1				37	37		
82/ 81						.0	.0	.0	.1	.4	.2	.2	.1					71	71		
80/ 79					.0	.0	.1	.1	.2	.2	.1	.1	.1					67	67		
78/ 77					.0	.1	.1	.1	.1	.3	.1	.0						63	63		
76/ 75					.2	.2	.2	.2	.2	.2	.1	.1	.0					95	95		
74/ 73				.1	.1	.2	.1	.2	.2	.1	.0	.1	.0	.0				99	99		
72/ 71				.1	.2	.2	.2	.3	.3	.1	.1	.1	.0					120	120	9	
70/ 69			.1	.2	.2	.2	.2	.4	.2	.1	.1	.1						141	141	18	
68/ 67			.2	.1	.2	.2	.3	.4	.1	.2	.1	.0						134	134	53	3
66/ 65		.0	.3	.3	.2	.3	.4	.3	.2	.3	.1							181	181	97	11
64/ 63		.3	.2	.4	.2	.5	.4	.5	.5	.2								247	247	152	33
62/ 61		.7	.4	.4	.3	.4	.6	.3	.5	.0								265	265	137	90
60/ 59	.1	.9	.4	.3	.5	.5	.5	.5	.2	.0								282	282	246	128
58/ 57	.0	.9	.3	.6	.7	.3	.4	.6	.2									305	305	250	136
56/ 55	.1	.5	.6	.5	.5	.7	.6	.5	.0									296	296	251	187
54/ 53	.1	.7	.6	.7	.7	.5	.5	.4	.1									317	317	245	163
52/ 51	.1	.6	1.0	.5	1.0	.5	.4	.2	.0									315	315	336	189
50/ 49	.1	1.2	1.0	1.2	.8	.6	.4	.1	.0									388	388	379	191
48/ 47	.1	1.7	.9	1.4	.9	.6	.3	.0										449	449	424	257
46/ 45	.5	2.2	1.3	1.6	1.5	.8	.1											592	592	535	463
44/ 43	.2	1.9	1.3	1.2	.7	.3	.1											430	430	581	410
42/ 41	.3	2.0	1.3	1.4	.6	.1	.0											422	422	524	383
40/ 39	.6	1.8	1.4	.0	.8	.0												415	415	590	377
38/ 37	.8	1.7	1.5	.9	.2													382	382	532	481
36/ 35	.5	1.6	1.6	.8	.1													327	327	471	508
34/ 33	.1	1.8	1.7	.3	.0													290	290	421	418
32/ 31	.4	2.1	1.4	.2														307	307	434	430
30/ 29	.1	1.3	.9	.0														169	169	333	548
28/ 27	.0	.8	.6															107	107	170	588

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-74 YEARS | MAY MONTH

ALL 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								
26/ 25		.6	.2																			59	59	139	427
24/ 23		.3																				19	19	70	265
22/ 21		.2																				12	12	24	271
20/ 19	.1	.1																				9	9	15	243
18/ 17		.0																				2	2	3	117
16/ 15																									87
14/ 13																									24
12/ 11																									7
10/ 9																									4
TOTAL	4.1	25.9	19.0	14.1	10.6	7.3	6.1	5.1	3.2	2.2	1.1	.7	.3	.1	.0							7439		7439	
																						7439		7439	

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.	34699341	484645	65.1	20.498	7439							
Dry Bulb	19398193	366801	49.3	13.281	7439		68.4	85.2	45.7	16.1	.3	744
Wet Bulb	14703356	321806	43.3	10.291	7439		118.8	8.0				744
Dew Point	10857657	271773	36.5	11.175	7439		301.1	.3				744

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-78 YEARS | JUN 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
72/ 71				.1	.2		.1											4	4		
70/ 69			.7		.1	.1												8	8		
68/ 67		.1	.6	.6	.8													18	18	1	
66/ 65	.2	1.2	.6	.8	.3													28	28	11	6
64/ 63		1.6	.4	1.4	.6	.1	.1											38	38	25	16
62/ 61		2.7	1.0	.7	.3	.1												43	43	25	19
60/ 59	.3	3.1	1.3	1.2	.2													56	56	59	31
58/ 57	.1	4.2	1.3	1.7	.1		.1											68	71	40	32
56/ 55	.4	2.6	4.3	1.4	.4	.2												85	85	66	60
54/ 53	.4	5.0	2.8	1.4	.4													91	91	66	55
52/ 51	.7	4.0	3.7	1.4	.8													95	95	108	69
50/ 49	.1	2.2	3.0	.9	.1													57	57	74	72
48/ 47	.3	2.7	1.1	1.0														46	46	81	80
46/ 45	.9	4.3	1.9	1.7	.3													82	82	71	96
44/ 43		2.9	2.2	.1														47	47	66	51
42/ 41	.1	2.9	1.3	.4														43	43	57	57
40/ 39	.3	2.2	.9															31	31	47	50
38/ 37	.2	1.7	1.3	.1														30	30	35	41
36/ 35	.1	1.0	.6															15	15	31	73
34/ 33		.4	.2															6	6	19	26
32/ 31		.4																4	4	11	19
30/ 29		.2																2	2	4	13
28/ 27																					24
26/ 25																					4
24/ 23																					1
TOTAL	4.3	45.6	29.3	15.1	4.8	.6	.3												900		897
																		897		897	

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.	6015806	72756	81.1	1.306	897							
Dry Bulb	2483210	46680	51.9	8.310	900		.6	3.0				90
Wet Bulb	2200859	43849	48.9	8.000	897		1.5	.1				90
Dew Point	1971944	41302	46.0	8.852	897		6.1					90

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-7- YEARS | JUN MONTH

PAGE 1 | 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	Wet Bulb	Dew Point
72/ 71					.2													2	2		
70/ 69			.1			.1												2	2		
68/ 67		.3	.6	.2	.4													14	14		
66/ 65	.1	.7	.2	.7														15	15	10	3
64/ 63	.1	1.9	.4	.4	.1	.1												28	28	15	19
62/ 61		2.0	.8	.6	.1													36	36	22	11
60/ 59	.7	2.7	1.3	.2	.3	.1												48	48	44	28
58/ 57	.1	3.5	1.8	.8	.2													57	60	37	29
56/ 55	.0	3.5	2.3	.4	.1	.3												65	65	52	50
54/ 53	.4	4.0	3.9	1.2														86	86	68	52
52/ 51	1.1	5.2	2.9	.9	.1													92	92	81	71
50/ 49	.1	5.1	2.9	.3														76	76	80	58
48/ 47	.3	4.7	1.0	1.4	.1													68	68	98	84
46/ 45	1.1	5.1	2.6	.7														85	85	90	97
44/ 43	.3	2.2	2.6	.1														47	47	52	66
42/ 41		3.8	.9	.2														44	44	59	63
40/ 39	.1	2.6	1.7	.1														40	40	55	40
38/ 37	.8	2.1	.9															34	34	43	55
36/ 35	.3	2.0	.4															25	25	29	60
34/ 33		1.3	.4															16	16	31	28
32/ 31	.1	1.1																11	11	15	27
30/ 29		.3																3	3	11	26
28/ 27	.3																	3	3	4	21
26/ 25																					8
24/ 23																					1
TOTAL	6.7	54.7	27.8	8.4	1.8	.7													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	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6410476	75262	83.9	10.334	897							
Dry Bulb	2311902	44988	50.0	8.378	900		1.7	1.8				90
Wet Bulb	2086944	42646	47.6	8.144	897		3.0					90
Dew Point	1900244	40512	45.2	8.874	897		8.3					90

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

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

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | JUN 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
80/ 79						.1												1	1		
78/ 77						.1												1	1		
74/ 73				.2		.1												3	3		
72/ 71			.1	.3	.1	.1												6	6		
70/ 69		.1	.4	.6	.3	.1												14	14	1	
68/ 67		.3	.7	.6	.3	.3												20	20	7	
66/ 65		.6	1.2	1.2	.4	.2												33	33	15	10
64/ 63	.1	2.6	1.0	2.2	.8	.2	.1											63	63	24	18
62/ 61	.3	2.3	1.1	.9	.9	.3	.1											54	54	40	23
60/ 59	.1	1.9	2.7	1.2	.9	.1	.1											63	63	51	38
58/ 57	.1	2.2	1.9	1.5	.8	.1	.2											64	64	62	36
56/ 55	.2	4.7	1.9	1.0	.7	.7	.1											83	84	60	51
54/ 53	.3	4.0	2.5	2.1	.4													84	86	90	69
52/ 51	.8	3.7	3.0	1.0	.4													80	80	86	87
50/ 49		3.8	3.0	.8	.4													72	72	75	56
48/ 47	.4	4.0	2.2	.8	.3													70	70	88	80
46/ 45	.4	3.0	2.1	1.1	.3													63	63	88	90
44/ 43		2.3	2.3	.3														45	45	56	7[illegible]
42/ 41		1.8	.4	.1														21	21	50	5
40/ 39	.3	1.2	.8															21	21	42	51
38/ 37	.1	1.5	.4	.1														19	19	24	45
36/ 35		.7	.2															8	8	22	38
34/ 33		.3																3	3	6	32
32/ 31	.1	.2																3	3	6	19
[illegible]/ 29		.1																1	1	2	13
[illegible]/ 27																					8
26/ 25																					1
TOTAL	3.5	41.5	28.2	16.4	7.3	2.6	.7											898		895	
																		893		895	

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.	5787312	71124	79.5	12.298	893							
Dry Bulb	2630430	48042	53.5	8.195	898		.4	4.5	.5			90
Wet Bulb	2302276	4487	50.1	7.682	895		.8	.8				90
Dew Point	2044318	42098	47.0	8.472	895		4.1					90

USAF-TAC FORM 0-26 1 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | JUN 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
88/ 87									.1									1	1		
86/ 85									.1									1	1		
84/ 83							.1		.1									2	2		
82/ 81						.1	.2		.2	.2	.1							8	8		
80/ 79				.1		.4	.3	.2	.3			.1						14	14		
78/ 77					.1	.4	.2	.7	.4	.3								20	20		
76/ 75				.3	.9	1.1	1.0	. .	.6	.1								42	42		
74/ 73			.2	.7	.4	1.1	.9	.7	.3	.1								40	40	2	
72/ 71			.9	.6	1.2	1.9	.4	.4	.3	.2								54	54	5	
70/ 69			1.0	.6	1.8	1.9	.7	.4		.4								61	61	14	1
68/ 67		.3	.6	.6	2.1	1.0	.3	.4	.4	.2								54	54	31	6
66/ 65		.6	.9	2.5	1.1	1.6	1.1	.7	.3									78	78	43	19
64/ 63		.9	.8	2.3	1.8	1.7	1.1	.8	.1									85	85	58	38
62/ 61	.1	.7	.9	1.2	1.8	.6	1.2	.1										59	59	87	33
60/ 59	.2	.3	1.2	.6	1.3	1.2	.9	.3										55	56	83	34
58/ 57	.1	1.2	1.6	.9	1.8	1.1	.4	.2										66	66	70	60
56/ 55	.1	1.6	1.0	2.0	.8	.7	.2	.1										58	58	75	83
54/ 53	.2	1.2	1.3	1.1	.4	.7	.2											47	48	78	79
52/ 51	.2	1.6	1.3	1.4	.6	.7	.1											53	53	75	63
50/ 49		1.1	.7	.2	.8	.3												28	28	90	64
48/ 47		.9	.4	.8	.6													24	24	56	60
46/ 45		1.4	.2	.6	.2													22	22	42	82
44/ 43		.6	.2		.1													8	8	36	60
42/ 41	.1	.6	.2		.1													9	9	27	44
40/ 39			.2	.1														3	3	11	42
38/ 37	.3	.1	.1															5	5	9	41
36/ 35																				3	28
34/ 33																				2	21
32/ 31																					18
30/ 29																					6
28/ 27																					10
26/ 25																					3
24/ 23																					1
22/ 21																					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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (YEARS) JUN (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 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	1.4	13.0	13.8	16.5	17.9	16.5	9.6	5.8	3.5	1.7	.1	.1						899	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	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3945145	57559	64.2	16.760	897							
Dry Bulb	3547917	55853	62.1	9.313	899			29.7	12.8	1.9		90
Wet Bulb	2755797	49243	54.9	7.653	897			5.2	.2			90
Dew Point	2223972	43916	49.0	9.082	897		3.9	.7				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 79-86 (YEARS) JUN (MONTH)

PAGE 1 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 D = 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			.1					3	3		
90/ 89									.1		.1		.1					3	3		
88/ 87								.1	.1		.2							4	4		
86/ 85								.2	.1		.2							5	5		
84/ 83					.1		.1	.8	.3	.4	.4							20	20		
82/ 81					.1	.2	1.0	.4	1.0	.9	.2	.2	.2					39	39		
80/ 79				.1		.3	.8	.8	1.2	.4	.4	.2						39	39		
78/ 77					.4	.8	.9	.9	1.0	.7	.2							44	44		
76/ 75				.1	.6	.7	1.6	.8	.9	1.1	.1							52	52	2	
74/ 73			.2	.4	.4	1.3	1.1	1.1	.6	.4	.3							54	54	7	
72/ 71			.1	.6	.7	1.3	.9	.4	.8	.6	.2							50	50	10	2
70/ 69			.7	.2	1.9	1.9	1.7	1.1	.9	.3								78	78	27	2
68/ 67		.2	.4	.1	1.8	1.1	1.2	1.0	.6	.6								63	63	47	11
66/ 65		.3	.8	.8	.6	1.6	1.3	.6	.8									60	60	45	13
64/ 63	.2	.4	.8	1.6	1.2	1.0	1.3	1.1	.4									73	73	84	35
62/ 61		.6	.2	1.0	1.1	.8	.4	.7										43	43	86	44
60/ 59	.1	.4	.6	.8	.4	.5	.4	.6	.1									36	36	77	40
58/ 57		1.6	1.0	.6	1.1	1.3	.3	.1	.1									55	55	77	51
56/ 55	.1	1.1	.4	1.1	.4	.8	.2											38	38	86	79
54/ 53	.1	.7	.4	1.7	.2	.7												34	34	76	78
52/ 51		1.2	.7	.9	.4	.6												34	34	57	75
50/ 49		.7	.7	.2	.2	.7												22	22	62	60
48/ 47		.9	.2	.3	.3	.2	.1											19	19	54	54
46/ 45		1.0		.1	.1	.2												13	13	40	70
44/ 43		.2	.1		.1													4	4	24	68
42/ 41		.2	.2	.1														5	5	10	57
40/ 39	.1	.4	.2															7	7	13	29
38/ 37	.3																	3	3	11	41
36/ 35																				5	26
34/ 33																					23
32/ 31																					19
30/ 29																					10
28/ 27																					7
26/ 25																					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

94836 STATION | K I SAWYER AFB MI STATION NAME | 70-73 YEARS | JUN 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
24/ 23																				1
20/ 19																				1
16/ 15																				1
TOTAL	1.0	10.0	7.8	10.7	12.3	16.0	13.4	10.7	9.0	5.7	2.6	.4	.4							
																		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.	3227081	51433	57.1	17.892	900							
Dry Bulb	4016904	59376	66.0	10.529	900			45.4	26.3	9.2		90
Wet Bulb	2922285	50789	56.4	7.903	900			9.3	.9			90
Dew Point	2246189	44167	49.1	9.357	900		4.2	1.5				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

94836 STATION | K I SAWYER AFB MI STATION NAME | 67-72 YEARS | JUN MONTH

PAGE 2 | 15.0-17.00 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
24/ 23																					2
22/ 21																					3
18/ 17																					1
TOTAL	1.0	11.6	7.9	10.9	12.2	12.9	10.8	14.0	9.5	4.8	2.9	1.0	.2	.1	.1	.1			900		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.	3260580	51472	57.3	18.686	899							
Dry Bulb	4005919	59253	65.8	10.802	900			44.0	24.3	10.3	.3	90
Wet Bulb	2907678	50614	56.3	8.043	899			9.4	1.6			90
Dew Point	2232234	43952	48.9	9.639	899		4.2	2.2	.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

94836 STATION — K I SAWYER AFB MI STATION NAME — 9-70 YEARS — JUN 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
94/ 93														.1	.1	.1		3	3		
90/ 89								.3	.2	.1	.1							7	7		
88/ 87								.3	.1		.4	.1						9	9		
86/ 85						.1	.2	.2	.4	.1	.2							12	12		
84/ 83						.1		.9	.4	.6	.3	.1						22	22		
82/ 81						.1		1.0	.4	1.0	1.1	.2	.2					37	37		
80/ 79		.1					.7	.4	.9	.9	.2	.2						31	31		
78/ 77				.3	.4	.2	.3	.6	1.0	.4	.2							32	32	2	1
76/ 75					.8	.1	1.4	1.6	.7	.4		.2						47	47	5	
74/ 73				1.6	.1	.4	.2	1.1	.7	.3	.2	.1						43	43	9	
72/ 71		.1		.4	1.3	1.1	1.1	1.2	1.6	.1								63	63	9	2
70/ 69		.1		.2	.7	1.7	1.3	1.6	1.0	.2								61	61	21	7
68/ 67		.2	.8	.2	2.0	1.2	.7	2.1	.3	.6								73	73	48	12
66/ 65		.8	.7	1.1	1.9	1.7	.3	.3	1.0									70	70	37	10
64/ 63	.4	.9	.8	1.6	1.2	.6	.8	1.2	.2									69	69	80	37
62/ 61		.6	1.2	.9	.6	.8	1.3	.8	.1									56	56	78	50
60/ 59		.1	.6	.6	.3	.9	.4	.1	.2									29	29	90	24
58/ 57		1.8	.4	.1	.9	.9	.4	.2	.1									44	44	95	44
56/ 55		1.2	.4	.7	.8	.7	.4											38	38	83	72
54/ 53		.7	.8	1.2	.3	.9	.6											40	41	59	91
52/ 51		.8	.6	1.1	.4	.3	.1											30	30	39	78
50/ 49	.1	.9	.4	.4	.2	.7	.1											26	26	77	56
48/ 47	.2	.9	.2	.2		.2	.2											18	18	55	65
46/ 45		1.4	.2	.2	.1	.2												20	20	37	60
44/ 43		.4	.8		.1													12	12	30	54
42/ 41		.4																4	4	17	60
40/ 39																				19	38
38/ 37	.1	.1																2	2	4	36
36/ 35	.1																	1	1	5	31
34/ 33																					29
32/ 31																					16
30/ 29																					7
28/ 27																					9
26/ 25																					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	≥ 95 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 68 REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-70 YEARS | JUN MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL C.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
92/ 91															.1			1	1		
90/ 89												.1		.1				2	2		
88/ 87											.1							1	1		
86/ 85							.2			.1	.1	.1						5	5		
84/ 83						.2		.3	.2		.2							9	9		
82/ 81					.2	.1	.1	.6	.2	.1								12	12		
80/ 79					.6		.1	.7	.3	.1	.3	.3						22	22		
78/ 77					.3	.1	.6	.4	.4	.4	.3							24	24		
76/ 75				.3	.3	.9	.8	.4	.4	.4	.1							34	34	1	
74/ 73				1.0	.3	.6	.6	.7	.6		.1							34	34	7	
72/ 71		.1		.7	.7	1.0	2.0	.8	.8		.1							55	55	5	
70/ 69		.1	.7	.8	.2	2.2	.6	.7	.3	.2								52	52	10	10
68/ 67		.6	.8	.2	1.5	1.0	1.8	.8	.3									62	62	36	7
66/ 65		.8	.8	1.3	1.8	1.6	1.0	.8	.3									75	75	43	10
64/ 63	.1	1.3	.8	2.1	1.2	1.2	1.3	.6	.4									82	82	54	34
62/ 61	.2	1.1	1.1	1.7	1.0	.9	1.3	.6										71	71	56	45
60/ 59	.1	1.9	.7	.6	.9	.8	.6	.1										50	50	103	32
58/ 57	.1	1.3	1.6	.3	.7	1.1	.7	.2										54	54	94	46
56/ 55	.1	.8	.7	.6	1.5	.3	.4	.1										40	43	82	70
54/ 53	.1	.8	.7	1.5	1.0	.8	.4											47	47	64	72
52/ 51		1.5	1.3	.8	.7	.4	.3											45	45	54	71
50/ 49	.2	.8	.8	.7	.2	.2	.1											27	27	66	52
48/ 47	.1	1.7	.3	.4	.4	.6												32	32	68	63
46/ 45		1.0	1.2	.4	.4	.3												31	31	43	88
44/ 43		.9	.8	.2	.1													18	18	39	54
42/ 41		.1	.1															2	2	31	33
40/ 39		.3																3	3	24	51
38/ 37	.3																	3	3	10	51
36/ 35																				3	33
34/ 33																					18
32/ 31																					18
30/ 29																					18
28/ 27																					8
26/ 25																					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) 8/64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-78 YEARS | JUN 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 O.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
24/ 23																					1
22/ 21																					3
OTAL	1.5	15.1	12.3	13.7	14.1	14.4	13.0	7.7	4.5	1.5	1.5	.6		.1	.1			893	896	893	893

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.	3771685	55677	62.3	18.349	893							
Dry Bulb	3598762	56072	62.6	10.014	896			31.4	14.5	3.8		90
Wet Bulb	2738746	48938	54.8	7.984	893			5.9	.8			90
Dew Point	2172056	43194	48.4	9.634	893		5.3	1.7				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

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-73 YEARS | JUN 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	1		
78/ 77						.1	.1											2	2		
76/ 75				.4		.2	.2											8	8		
74/ 73			.1	.2	.3		.4											10	10		
72/ 71			.1	.6	.7	.4	.1	.1		.1								19	19	1	
70/ 69			.8	.7	.4	.9	.3	.1										29	29	5	
68/ 67		.1	1.1	.6	1.1	.7	.4	.1										37	37	7	4
66/ 65	.1	1.0	.9	1.2	.9	.7	.1	.1										45	45	27	9
64/ 63		2.3	1.1	1.5	.8	1.1	.2	.3										66	66	37	16
62/ 61		2.1	2.0	2.1	1.6	.2	.2											74	74	44	41
60/ 59	.2	2.7	1.1	.9	1.9	.9	.2											71	71	71	38
58/ 57	.1	2.9	2.7	2.1	.9	1.2												89	90	65	39
56/ 55	.2	3.1	1.8	1.8	1.0	.4												75	77	75	55
54/ 53		3.5	1.2	1.6	1.3	.2												70	70	98	76
52/ 51	.1	1.3	2.6	1.9	.9	.1	.1											63	63	77	73
50/ 49		1.6	1.7	1.2	.3	.1												44	44	63	61
48/ 47	.2	2.0	1.3	.3	.3													38	38	73	52
46/ 45	.1	3.0	2.0	1.3	.4													62	62	72	94
44/ 43		1.7	1.7	.7	.1													37	37	54	59
42/ 41		.6	1.3	.3														20	20	43	46
40/ 39		1.2	1.1	.2	.2													25	25	28	71
38/ 37		.8	.2	.1														10	10	33	35
36/ 35			.1															1	1	16	54
34/ 33																				4	19
32/ 31																				3	13
30/ 29																					15
28/ 27																					12
26/ 25																					1
22/ 21																					3
TOTAL	1.1	29.9	25.0	19.3	13.3	7.4	2.6	.8	.1	.1									899		696
																		896		896	

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.	5084381	66301	74.0	14.116	896							
Dry Bulb	2895986	50430	56.1	8.643	899			10.6	2.1			90
Wet Bulb	2436627	46189	51.6	7.880	896		.3	1.3				90
Dew Point	2091488	42534	47.5	8.991	896		4.4	.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

94836 STATION | K I SAWYER AFB MI STATION NAME | 59-78 YEARS | JUN MONTH

ALL 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
94/ 93														.0	.0	.0		3	3		
92/ 91										.0			.0		.0			4	4		
90/ 89								.0	.0	.0	.0	.0	.0	.0				12	12		
88/ 87								.1	.0		.1	.0						15	15		
86/ 85						.0	.1	.1	.1	.0	.1	.0						23	23		
84/ 83					.0	.0	.0	.3	.1	.1	.1	.0						53	55		
82/ 81					.0	.1	.2	.3	.2	.3	.2	.1	.1					96	96		
80/ 79		.0		.0	.1	.1	.2	.3	.4	.2	.1	.1						108	108		
78/ 77				.0	.2	.2	.3	.3	.4	.2	.1							123	123	2	1
76/ 75				.2	.3	.4	.6	.4	.3	.3	.0	.0						183	183	6	
74/ 73			.1	.5	.2	.4	.4	.4	.3	.1	.1	.0						184	184	25	
72/ 71		.0	.2	.4	.6	.7	.6	.4	.4	.1	.0							253	253	30	4
70/ 69		.0	.5	.4	.7	1.1	.6	.5	.3	.2								305	305	78	20
68/ 67		.3	.7	.4	1.3	.7	.6	.6	.2	.2								341	341	177	40
66/ 65	.1	.7	.8	1.2	.9	.9	.5	.3	.3									404	404	231	80
64/ 63	.1	1.5	.8	1.6	1.0	.8	.6	.5	.2									504	504	378	215
62/ 61	.1	1.6	1.0	1.1	.9	.5	.6	.3	.0									436	436	438	266
60/ 59	.2	1.6	1.2	.8	.8	.6	.3	.1	.0									408	409	578	265
58/ 57	.1	2.3	1.5	1.0	.8	.7	.3	.1	.0									497	504	540	337
56/ 55	.2	2.3	1.6	1.1	.7	.5	.2	.0										482	486	579	530
54/ 53	.2	2.5	1.7	1.5	.5	.4	.2											499	503	599	572
52/ 51	.4	2.4	2.0	1.2	.5	.3	.1											492	492	577	587
50/ 49	.1	2.0	1.6	.6	.3	.3	.0											352	352	587	479
48/ 47	.2	2.2	.9	.7	.3	.1	.0											315	315	573	538
46/ 45	.3	2.6	1.3	.8	.3	.1												378	378	483	677
44/ 43	.0	1.4	1.3	.2	.1													218	218	357	485
42/ 41	.0	1.3	.6	.2	.0													148	148	294	417
40/ 39	.1	1.0	.6	.1	.0													130	130	239	372
38/ 37	.3	.8	.4	.0														106	106	169	345
36/ 35	.1	.5	.2															50	50	114	343
34/ 33		.3	.1															25	25	62	196
32/ 31	.0	.2																18	18	35	149
30/ 29		.1																6	6	17	110
28/ 27	.0																	3	3	4	99

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) 701 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 79-7a (YEARS) JUL (MONTH)

 ALL (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				
26/ 25																					27
24/ 23																					7
22/ 21																					10
20/ 19																					1
18/ 17																					1
16/ 15																					1
TOTAL	2.6	27.7	19.0	13.9	10.5	8.9	6.3	4.9	3.3	1.7	.9	.3	.1	.0	.0	.0		7192			7174
																		7174		7174	

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.	37502466	301584	69.9	18.418	7174							
Dry Bulb	25491030	420694	58.5	11.079	7192		2.7	170.5	80.5	25.2	.3	720
Wet Bulb	20351212	377138	52.6	8.555	7174		5.6	32.1	3.5			720
Dew Point	16882443	341675	47.6	9.218	7174		40.6	6.5	.1			720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION — K I SAWYER AFB MI STATION NAME — 9-78 YEARS — JUL MONTH

PAGE 1 — 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
88/ 87							.1	.1										2	2		
86/ 85							.2		.1									3	3		
84/ 83					.2	.4	.2		.1									9	9		
82/ 81					.4	.4	.8	.3	.1	.1								20	20		
80/ 79				.1	1.0	1.0	.2	.4	.3									28	28		
78/ 77			.1	.9	1.0	.6	.9	.4	.4	.1								41	41		
76/ 75			.2	.9	2.0	.8	1.0	.8	.4									56	56	7	
74/ 73		.1	.2	1.1	2.6	1.7	1.5	1.0	.3									79	79	15	
72/ 71		.6	1.0	1.6	1.5	1.3	2.6	1.0	.5	.1								95	95	27	14
70/ 69	.2	.8	1.0	2.0	2.5	2.3	1.2	.5	.2	.1								100	100	54	25
68/ 67	.1	.6	1.3	1.3	2.0	1.2	1.1	.6	.2									79	79	54	33
66/ 65	.3	.5	2.2	1.8	2.3	1.1	1.4	.1										90	90	83	45
64/ 63	.1	1.5	1.7	2.0	2.2	2.3	1.0											100	100	93	55
62/ 61	.1	1.5	1.1	2.8	1.5	1.4	.3		.1									82	82	109	66
60/ 59		.5	1.3	.9	2.0	.6	.2	.1										54	54	118	81
58/ 57		1.0	.5	.5	.6													25	25	99	81
56/ 55		.9	.5	1.1	.2	.1												26	26	83	81
54/ 53	.1	.6	.3	.8														17	17	70	96
52/ 51	.2	.4	.4	.3	.1													14	14	64	84
50/ 49	.1		.3															4	4	26	51
48/ 47	.1			.1														2	2	15	61
46/ 45		.3	.1															4	4	8	66
44/ 43																				4	44
42/ 41																				1	27
40/ 39																					8
38/ 37																					4
36/ 35																					5
34/ 33																					2
32/ 31																					1
TOTAL	1.4	9.6	12.3	18.2	22.2	15.2	12.6	5.4	2.9	.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	≥ 89 F	≥ 93 F	Total
Rel. Hum.	4188740	60904	65.5	14.682	930							
Dry Bulb	4291075	62803	67.5	7.335	930			51.2	23.6	4.4		93
Wet Bulb	3403917	55953	60.2	6.356	930			15.7	2.2			93
Dew Point	2863487	51087	54.9	7.844	930		.1	7.2				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

4836 STATION — K I SAWYER AFB MI STATION NAME — 9-76 YEARS — JUL MONTH

PAGE 1 — 0600-0800 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
80/ 79					.1													1	1		
78/ 77				.1														1	1		
76/ 75			.1	.2														3	3		
74/ 73			.4	.5	.2													11	11		
72/ 71		.2	.9	.4	.1	.2	.1											18	18	4	
70/ 69		1.0	1.7	.9	.4	.2	.1											40	40	14	4
68/ 67	.1	2.2	1.9	1.3	.2	.3		.1										57	57	27	23
66/ 65	.2	2.8	1.7	1.1	.9	.2												64	64	49	38
64/ 63	.6	4.0	1.6	1.9	1.2	.3												90	90	68	49
62/ 61	.3	4.1	3.8	1.6	1.0	.1	.1											102	102	67	54
60/ 59	.3	4.4	2.9	1.5	.5	.2												92	92	81	62
58/ 57	.5	3.9	3.0	2.3	.5	.2												97	97	109	80
56/ 55	.2	4.8	3.1	1.8	.4													97	97	98	81
54/ 53	.6	3.2	2.4	1.5	.1													73	73	110	97
52/ 51	.3	2.5	1.9	.4														48	48	89	85
50/ 49	.5	2.2	1.8	.4														46	46	73	72
48/ 47	.4	2.5	1.5															41	41	55	83
46/ 45		1.5	.8	.1														22	22	41	78
44/ 43	.2	.8	.6															15	15	28	45
42/ 41		.8	.1															8	8	12	24
40/ 39		.2																2	2	13	33
38/ 37		.1																1	1	3	10
36/ 35		.1																1	1	1	9
34/ 33																					3
TOTAL	4.5	41.1	30.3	16.1	5.7	1.8	.3	.1										930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with T-mperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6391418	76382	82.1	1.274	930							
Dry Bulb	3235428	54446	58.5	7.183	930			13.1	1.6			93
Wet Bulb	2896954	51510	55.4	6.879	930			4.5				93
Dew Point	2658750	49226	52.9	7.565	930			2.7				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION — K I SAWYER AFB MI STATION NAME — 69-78 YEARS — JUL 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
76/ 75				.2														2	2		
74/ 73			.3	.1														4	4		
72/ 71			.3	.1														4	4	1	
70/ 69		1.0	.9	.8	.1													25	25	7	1
68/ 67		2.9	1.3	.4														43	43	11	9
66/ 65	.9	3.2	1.5	.2	.2													56	56	61	38
64/ 63	.3	4.2	.8	1.1	.1	.1												61	61	46	50
62/ 61	1.4	5.2	1.3	1.2	.1													85	85	74	65
60/ 59	.5	5.2	1.6	.8	.3													78	78	65	59
58/ 57	.2	4.2	3.1	1.1	.3													83	83	79	64
56/ 55	.4	4.6	4.0	1.1	.3													97	97	60	56
54/ 53	.9	4.1	2.6	1.3														82	82	101	82
52/ 51	.6	3.7	2.8	.3														69	69	92	76
50/ 49	.1	3.6	2.6	.2														60	60	70	71
48/ 47	.4	4.3	.9															52	52	75	91
46/ 45	.4	2.8	1.8															47	47	64	68
44/ 43	.3	2.6	1.6															42	42	39	64
42/ 41		1.5	.9															22	22	35	41
40/ 39		1.1																10	10	28	39
38/ 37																				14	26
36/ 35		.1																1	1	1	18
34/ 33		.2																2	2		5
32/ 31		.1																1	1	3	
30/ 29																					3
TOTAL	6.6	54.6	28.3	8.9	1.5	.1												926	926		926
																		926		926	

Element (X)	ΣX	ΣX^2	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6875749	79353	85.7	9.043	926							
Dry Bulb	2941061	51703	55.8	7.657	926		.1	7.8	.6			93
Wet Bulb	2700938	49512	53.5	7.612	926		.3	1.9				93
Dew Point	2523625	47743	51.6	6.192	926		.3	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

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | JUL 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
80/ 79					.1													1	1		
78/ 77				.1														1	1		
76/ 75			.1	.1	.1			.1										4	4		
74/ 73		.2	.2	.5	.1	.1												11	11	1	
72/ 71		.1	.3	.8	.2													13	13	6	2
70/ 69		.9	1.8	.3														28	28	3	5
68/ 67		2.4	3.1	.8	.3													61	61	29	10
66/ 65	.6	2.7	2.3	1.2	.4	.1												68	68	65	41
64/ 63	.5	5.4	1.2	1.6	.4	.3												88	88	65	66
62/ 61	.2	3.6	1.4	2.3	1.1	.1												80	80	71	72
60/ 59	.3	4.5	2.8	1.5	1.6	.1												101	101	64	55
58/ 57		4.3	2.2	1.9	.6													84	84	82	57
56/ 55	.4	4.0	3.3	1.2	.2													85	85	89	63
54/ 53	.4	2.8	4.0	1.4														80	80	95	87
52/ 51	.1	2.9	2.6	.8														59	59	102	74
50/ 49	.2	2.4	1.2	.4														39	39	60	72
48/ 47	.1	3.7	.9	.3														46	46	61	84
46/ 45		2.6	1.3	.2														38	38	51	75
44/ 43		1.9	1.0															27	27	33	66
42/ 41	.1	.2	.3															6	6	30	33
40/ 39		.3																3	3	12	26
38/ 37	.1																	1	1	5	18
36/ 35		.3																3	3	2	14
34/ 33		.2																2	2	2	6
32/ 31																				1	2
30/ 29																					1
TOTAL	3.2	45.3	29.9	15.4	5.3	.8		.1										929	929		929
																		929		929	

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.	6427472	76668	82.5	10.394	929							
Dry Bulb	3159367	53713	57.8	7.613	929			11.9	1.7	.1		93
Wet Bulb	2841393	50913	54.8	7.424	929		.1	3.9	.1			93
Dew Point	2612524	48686	52.4	8.110	929		.3	1.7				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

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | JUL 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				
94/ 93									.2									2	2		
92/ 91								.1	.2		.1							4	4		
90/ 89							.1	.4	.1	.2								8	8		
88/ 87							.3	.2	.9	.2			.1					16	16		
86/ 85						.3		.3	1.0		.1							16	16		
84/ 83					.1		1.2	.9	.2	.9								30	30		
82/ 81					.1	.5	1.0	1.2	.8	.5	.3							41	41		
80/ 79				.3	.6	1.4	1.2	.9	1.5	1.0	.3							67	67	1	
78/ 77		.1	.2	.8	1.2	1.5	1.6	1.6	1.4	.6	.3							87	87	6	
76/ 75			.1	.5	1.8	1.2	1.9	2.9	.8	.8	.3							96	96	11	
74/ 73			.5	1.1	.3	1.2	2.6	1.9	.4	.4								79	79	19	5
72/ 71		.3	.9	.9	1.3	1.5	1.1	1.1	1.3	.2								79	79	49	13
70/ 69		.2	.5	1.1	1.4	1.9	.8	1.5	.1	.2								72	72	67	22
68/ 67	.1	.4	1.2	.8	1.0	2.4	1.3	.6	.3									75	75	71	36
66/ 65	.1	.5	1.4	1.0	1.5	1.2	.9	1.0	.2									72	72	84	51
64/ 63		.4	1.4	1.2	.6	1.4	.9	.2										57	57	105	64
62/ 61	.1	.1	1.1	1.1	1.1	.5												37	37	127	77
60/ 59		.4	1.0	.3	.8	.1	.1											25	25	86	50
58/ 57		.5	.5	.3	.4	.1												18	18	105	71
56/ 55		.8	.2	.9	.1	.1												19	19	67	93
54/ 53		.3	.4	.2		.2												11	11	57	103
52/ 51		.2	.3	.2	.1													8	8	29	73
50/ 49	.3		.2	.1														6	6	27	61
48/ 47		.1																1	1	6	50
46/ 45		.1																1	1	9	68
44/ 43																				1	42
42/ 41																					21
40/ 39																					16
38/ 37																					4
36/ 35																					2
34/ 33																					4
32/ 31																					1
TOTAL	.6	4.6	10.0	10.7	12.5	15.6	14.9	14.9	9.4	5.1	1.5		.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.	3366437	53965	58.2	15.584	927							
Dry Bulb	4803551	66285	71.5	8.304	927			67.4	44.7	14.8	.2	93
Wet Bulb	3567948	57198	61.7	6.465	927			22.5	3.7			93
Dew Point	2878878	51124	55.1	8.009	927		.1	7.6	.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

94836 STATION — K I SAWYER AFB MI STATION NAME — 69-78 YEARS — JUL 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												.2						2	2		
98/ 97												.1						1	1		
96/ 95										.1	.1							2	2		
94/ 93									.1	.1		.1						3	3		
92/ 91								.2	.4	.1	.1	.3			.1			12	12		
90/ 89							.1	.1		.1			.1					4	4		
88/ 87						.1		.2	.5	.4			.1					13	13		
86/ 85						.1		.4	1.0	.4	.1							19	19		
84/ 83					.2	.1	.9	.6	.1	1.2	.3							32	32		
82/ 81					.5	.5	1.5	.4	1.2	1.0	.3	.3						54	54		
80/ 79					.5	1.5	.5	1.9	1.0	.5	.3	.3						62	62		
78/ 77				.5	1.3	1.0	1.3	1.7	1.5	1.0	.2	.2						81	81	10	
76/ 75			.9	.5	1.6	1.0	1.6	2.4	.9	.5	.2							89	89	9	
74/ 73			.3	1.4	.9	1.3	.9	1.8	.8	.6								74	74	17	2
72/ 71			1.1	.3	.6	1.7	1.7	1.8	1.1									78	78	59	10
70/ 69		.2	.9	.9	1.5	2.3	.9	.8	1.0	.2								79	79	58	30
68/ 67		.3	.5	1.0	1.1	1.1	.9	.8	.8	.1								60	60	64	32
66/ 65	.1	.5	1.5	1.5	.8	1.3	.8	.1	.2									63	63	96	55
64/ 63		.3	1.1	1.6	1.8	1.0	1.0	.4										67	67	95	58
62/ 61		.3	1.1	1.5	1.1	.5	.1											43	43	109	60
60/ 59		.8	.5	.4	.9	.4	.1											29	29	113	51
58/ 57		.6	.5	.4	.8	.1												23	23	97	86
56/ 55		.8	.1	.1	.1													10	10	72	93
54/ 53		.9	.2	.1		.1												12	12	51	105
52/ 51		.4	.2	.3	.1													10	10	39	64
50/ 49				.1														1	1	25	75
48/ 47	.2			.2														4	4	8	53
46/ 45	.1			.1														2	2	3	62
44/ 43																				3	33
42/ 41																				1	30
40/ 39																					10
38/ 37																					9
36/ 35																					10
34/ 33																					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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-76 (YEARS) JUL (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
TOTAL	.4	5.2	8.9	11.1	13.8	14.1	12.2	13.8	10.4	6.5	1.7	1.6	.2		.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.	3309818	53384	57.5	16.154	929							
Dry Bulb	4855886	66668	71.8	0 782	929			66.6	44.8	16.7	.8	93
Wet Bulb	3567190	57248	61.6	6.514	929			21.7	3.6			93
Dew Point	2859931	50999	54.9	8.058	929			7.4	.2			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

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | JUL 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
98/ 97											.1							1	1		
94/ 93									.1									1	1		
92/ 91								.1		.1								2	2		
90/ 89								.1		.1	.1							3	3		
88/ 87						.1	.1	.1		.1								4	4		
86/ 85						.1	.1	.3	.2		.1							8	8		
84/ 83						.2	.5	.5	.2	.2								16	16		
82/ 81				.1	.6	.4	.9	.2	.4	.4								29	29		
80/ 79				.1	.8	.8	.6	.8	.6	.3	.1	.1						39	39		
78/ 77			.1	.6	1.0	1.1	1.5	1.0	.5	.1	.4							59	59	5	
76/ 75			.3	.5	1.4	.9	1.7	.8	.9	.6	.1							67	67	7	
74/ 73		.1	.3	2.4	.9	.6	1.5	1.1	.3	.1								68	68	17	3
72/ 71		.8	1.3	1.9	.9	2.4	2.3	1.2	.6	.1								106	106	34	15
70/ 69		.4	1.1	.5	1.4	1.9	1.5	.8	.1									72	72	51	21
68/ 67		.6	.9	.8	1.2	1.4	1.2	.5	.1									62	62	78	33
66/ 65		1.3	.4	1.4	1.7	2.2	1.2	.5	.5	.1								87	87	77	58
64/ 63		.5	1.1	2.4	1.6	1.1	.9	.4	.2									76	76	73	71
62/ 61		1.0	1.5	1.6	1.3	.9	.3	.1	.1									63	63	91	37
60/ 59		1.6	.8	1.5	1.0	.6	.1											52	52	107	46
58/ 57		1.0	1.4	1.0	1.0	.6	.1											47	47	105	75
56/ 55		1.1	.8	.8	.2	.1												27	27	94	93
54/ 53	.1	.8	.3	.3	.1													15	15	65	88
52/ 51		.5	.2	.1	.1													9	9	55	85
50/ 49		.3		.2														5	5	40	82
48/ 47	.2	.1		.2														5	5	16	47
46/ 45			.3	.1														4	4	3	74
44/ 43		.2																2	2	5	31
42/ 41																				6	23
40/ 39																					16
38/ 37																					16
36/ 35																					10
34/ 33																					2
32/ 31																					1
30/ 29																					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) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-75 YEARS | JUL MONTH

PAGE 2 | 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	.3	10.3	10.8	16.6	15.1	15.4	14.5	8.5	5.1	2.4	1.0	.1						929	929	929.	929

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.	3905565	58363	62.8	16.048	929							
Dry Bulb	4419523	63601	68.5	8.387	929			53.8	29.7	8.4	.2	93
Wet Bulb	3412160	55944	60.2	6.826	929			19.2	2.9			93
Dew Point	2818156	50570	54.4	8.394	929		.3	7.2	.3			93

USAFETAC FORM 0-26-5 (OL A) 1 OCT 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION — K I SAWYER AFB MI STATION NAME — 69-75 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
86/ 85							.1											1	1		
82/ 81					.2		.1											3	3		
80/ 79				.1	.1	.2	.1											5	5		
78/ 77			.2	.2	.4													8	8		
76/ 75		.1	.3	.4	.4	.4	.1	.2										19	19		
74/ 73		.2	.3	1.3	.3	.5	.1	.1										27	27	8	2
72/ 71		.6	1.1	1.4	1.0	.5	.1	.1										45	45	10	4
70/ 69		1.9	2.2	1.0	1.0	.8	.3											66	66	24	18
68/ 67		1.4	3.5	.8	1.9	.6	.3	.2										81	81	50	23
66/ 65		2.7	1.9	2.2	1.6	1.4	.3											94	94	65	43
64/ 63	.1	2.4	1.5	2.3	2.5	1.2	.2											94	94	81	69
62/ 61	.1	1.9	2.8	2.4	1.7	.5												88	88	58	71
60/ 59	.1	2.4	2.8	2.3	1.0	.1	.3											83	83	85	29
58/ 57	.1	2.0	3.1	1.7	1.0	.3												77	77	95	70
56/ 55	.1	2.8	1.7	1.6	.6	.1												65	65	111	80
54/ 53		2.4	1.9	1.0	.3													52	52	101	83
52/ 51		2.0	2.3	.6	.4													50	50	70	88
50/ 49		1.1	1.6	.2														27	27	58	86
48/ 47		1.2	.4	.3														18	18	50	79
46/ 45		.6	.4	.2														12	12	30	75
44/ 43		.2	.9															10	10	12	38
42/ 41																				11	22
40/ 39		.2																2	2	6	14
38/ 37																				2	19
36/ 35																					13
34/ 33																					1
TOTAL	.5	26.3	29.0	20.0	14.6	6.8	2.2	.6										927	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.	5495216	70378	75.9	12.816	927							
Dry Bulb	3575970	57144	61.6	7.593	927			25.6	6.3	.6		93
Wet Bulb	3067798	52926	57.1	7.052	927			9.2	.8			93
Dew Point	2727552	49732	53.6	8.017	927			4.7	.2			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

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-78 YEARS | JUL MONTH

ALL 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				
100/ 99												.0						2	2		
98/ 97											.0	.0						2	2		
96/ 95										.0	.0							2	2		
94/ 93									.1	.0		.0						6	6		
92/ 91								.1	.1	.0	.0	.0			.0			18	18		
90/ 89							.0	.1	.0	.1	.0		.0					15	15		
88/ 87						.0	.1	.1	.2	.1			.0					35	35		
86/ 85						.1	.1	.1	.3	.1	.0							47	47		
84/ 83					.1	.1	.4	.3	.1	.3	.0							87	87		
82/ 81				.0	.2	.2	.5	.3	.3	.3	.1	.0						147	147		
80/ 79				.1	.4	.6	.3	.5	.4	.2	.1	.1						203	203	1	
78/ 77		.0	.1	.4	.6	.5	.7	.6	.5	.2	.1	.0						278	278	21	
76/ 75		.0	.3	.4	.9	.5	.8	.9	.4	.2	.1							336	336	34	
74/ 73		.1	.3	1.1	.7	.7	.8	.7	.2	.1								353	353	77	12
72/ 71		.3	.8	.9	.7	1.0	1.0	.6	.4	.1								438	438	190	58
70/ 69	.0	.8	1.3	.9	1.0	1.2	.6	.4	.2	.1								482	482	278	126
68/ 67	.0	1.4	1.7	.9	1.0	.9	.6	.4	.2	.0								518	518	384	199
66/ 65	.3	1.8	1.6	1.3	1.2	.9	.6	.2	.1	.0								594	594	580	369
64/ 63	.2	2.3	1.3	1.8	1.3	1.0	.5	.1	.0									633	633	624	482
62/ 61	.3	2.2	1.8	1.8	1.1	.5	.1	.0	.0									580	580	706	502
60/ 59	.2	2.5	1.7	1.1	1.0	.3	.1	.0										514	514	719	433
58/ 57	.1	2.2	1.8	1.2	.7	.2	.0											454	454	771	584
56/ 55	.1	2.5	1.7	1.1	.3	.1												426	426	664	640
54/ 53	.3	1.9	1.5	.8	.1	.0												342	342	650	741
52/ 51	.2	1.6	1.3	.4	.1													267	267	540	629
50/ 49	.2	1.2	1.0	.2														188	188	379	570
48/ 47	.2	1.5	.5	.1														169	169	286	548
46/ 45	.1	1.0	.6	.1														130	130	209	566
44/ 43	.1	.7	.5															96	96	125	363
42/ 41	.0	.3	.2															36	36	96	221
40/ 39		.2																17	17	59	162
38/ 37	.0	.0																2	2	24	106
36/ 35		.1																5	5	4	81
34/ 33		.1																4	4	2	24

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hour 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

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-78 YEARS | JUL MONTH

ALL 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
32/ 31		.0																1	1	4	5
30/ 29																					6
TOTAL	2.	22	4.	6	19.	9	14.	6	11.	3	8.	7	7.	1	5.	4	3.	5	1.	8	.5	.2	.0	.0		7427		7427	
																		7427		7427	

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.	39960415	529397	71.3	17.309	7427							
Dry Bulb	31281861	476363	64.1	9.903	7427		.1	297.4	153.4	45.1	1.2	744
Wet Bulb	25458298	431204	58.1	7.548	7427		.4	98.7	13.3			744
Dew Point	21942903	399167	53.7	8.119	7427		1.1	39.6	1.2			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

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 9-7 (YEARS) AUG (MONTH)

PAGE 1 0000-0200 (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	.1														2	2				
76/ 75			.2		.3													5	5				
74/ 73			.1	.2	.3													6	6	2			
72/ 71		.2	.2	.9														12	12	3	1		
70/ 69	.2	1.0	1.3	.2	.1													26	26	7	9		
68/ 67	.5	1.9	1.3	.7	.1	.1												42	42	30	14		
66/ 65	1.3	1.6	2.5	.4														54	54	49	38		
64/ 63	.5	2.6	2.4	1.4	.1													65	66	37	42		
62/ 61	.2	2.9	1.7	.4	.1	.1												51	53	52	31		
60/ 59	.9	4.1	2.5	.9		.2												79	82	67	62		
58/ 57	2.4	5.6	3.6	1.4														119	122	103	77		
56/ 55	1.1	5.0	3.2	.7	.3													94	94	86	92		
54/ 53	2.0	5.5	2.6	.7														98	98	108	98		
52/ 51	1.5	2.9	2.1	.3														63	63	99	92		
50/ 49	.3	2.0	2.2	.1	.1													43	44	57	79		
48/ 47	.8	3.2	1.9	.4														57	58	53	56		
46/ 45	.2	2.3	1.6	.3														41	42	54	56		
44/ 43	.2	1.7	1.1															28	28	47	39		
42/ 41		1.1	.3															13	13	27	49		
40/ 39	.1	.5																6	6	20	28		
38/ 37		.5																5	5	4	21		
36/ 35		.2	.3															5	5	4	20		
34/ 33																				4	5		
32/ 31		.2																2	2	3	1		
30/ 29																					3		
28/ 27																					2		
26/ 25																					1		
TOTAL	12.3	45.2	31.3	9.2	1.5	.4													928		916		
																		916		916			

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of days with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6823351	78567	85.8	9.611	916							
Dry Bulb	3007638	52340	56.4	7.746	928		.2	9.3	1.3			93
Wet Bulb	2723624	49466	54.0	7.564	916		.3	4.3	.2			93
Dew Point	2547657	47729	52.1	8.145	916		.7	2.4				93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION — K I SAWYER AFB MI STATION NAME — 0-76 YEARS — AUG 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
74/ 73				.2														2	2		
72/ 71		.2	.3	.5	.1													11	11	1	
70/ 69		.7	.9	.4														18	18	4	4
68/ 67	.7	1.1	.3	.2	.1													22	22	20	10
66/ 65	1.1	1.8	1.0	.1														36	36	32	24
64/ 63	1.2	3.4	1.6	.5	.2													64	64	42	46
62/ 61	.4	3.6	1.1	.4														51	51	47	31
60/ 59	1.2	4.6	2.5		.1													77	82	63	57
58/ 57	2.4	5.3	2.3	.2														93	96	87	76
56/ 55	1.0	5.5	2.4	.1														82	83	80	71
54/ 53	2.6	4.6	2.2	.8	.1													94	94	95	99
52/ 51	1.2	6.0	2.6	.1														91	91	87	77
50/ 49	1.2	3.4	2.5	.2														67	67	80	81
48/ 47	1.1	3.7	.8	.3														54	54	75	75
46/ 45	.3	5.1	1.3															62	63	55	58
44/ 43	.3	2.0	1.3															33	34	57	58
42/ 41	.1	.8	1.1															18	18	26	50
40/ 39	.7	1.4	.1															20	21	32	26
38/ 37	.1	.3																4	5	14	22
36/ 35	.2	.7																8	8	6	26
34/ 33			.2															2	2	4	12
32/ 31			.1															1	1	1	3
30/ 29	.1	.2																3	3	5	2
28/ 27																					2
26/ 25																					1
24/ 23																					2
TOTAL	16.0	54.3	24.8	4.3	.7													913	926	913	913

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.	7186160	80596	88.3	8.852	913							
Dry Bulb	2798132	50390	54.4	7.785	926		.4	5.3	.2			93
Wet Bulb	2574842	47972	52.5	7.712	913		.6	2.5				93
Dew Point	2436875	46561	51.0	8.269	913		1.0	1.4				93

USAF/ETAC FORM 0-26-5 (OL-A) REVISED WITHOUT EDITION OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K T SAWYER AFB MI STATION NAME | 69-78 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 - 9	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										2	2		
72/ 71		.2	.4	.3	.3													12	13	1	1
70/ 69	.1	.3	.7	.2	.2		.1											15	15	5	4
68/ 67	.5	1.1	1.2	.1														27	28	15	10
66/ 65	.8	1.8	1.3	1.0	.2													46	46	35	22
64/ 63	1.5	4.5	1.5	1.6	.2	.1												87	88	46	39
62/ 61	1.4	3.6	2.2	1.2	.1													78	78	72	55
60/ 59	.8	4.5	2.5	.8		.1												79	83	74	67
58/ 57	1.8	4.4	3.2	.4	.1													90	94	91	71
56/ 55	1.6	5.5	3.4	.7	.3													105	105	93	86
54/ 53	1.4	5.0	1.9	1.3	.1													89	89	96	104
52/ 51	1.5	4.4	2.7	.2														81	81	97	87
50/ 49	.7	3.2	2.0	.1														54	56	72	78
48/ 47	.9	2.5	1.1															41	41	70	76
46/ 45	.7	2.7	1.1															41	41	39	52
44/ 43	.1	1.8	1.1	.1														28	29	42	49
42/ 41	.1	.8	.4															12	13	22	41
40/ 39	.2	.8	.1															10	10	18	25
38/ 37	.4	.3	.1															8	9	16	14
36/ 35		.1																1	1	1	16
34/ 33		.3	.2															5	5	2	5
32/ 31																				2	5
30/ 29																				2	2
28/ 27																					2
TOTAL	14.6	48.0	27.2	8.1	1.6	.2	.1	.1										911	927	911	911

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.	6978090	79204	86.9	10.052	911							
Dry Bulb	2953207	51873	56.0	7.385	927			5.8	.2			93
Wet Bulb	2679295	48965	53.7	7.224	911		.4	2.1				93
Dew Point	2520909	47395	52.0	7.786	911		.9	1.5				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

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | AUG 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
86/ 85						.1												1	1		
84/ 83						.1	.1	.3										5	6		
82/ 81				.1	.1		.3	.3	.1	.1								10	11		
80/ 79			.1	.1	.2	.8	.4	.4	.3	.1								23	23		
78/ 77			.2	.2	.5	.8	.9	.4	.4	.2	.1							35	35		
76/ 75				.5	.5	1.1	1.5	.4	.3									41	42	4	
74/ 73	.1	.1	.3	2.0	.9	1.4	1.3	.3	.2									61	61	7	4
72/ 71	.2	.1	1.6	1.5	1.3	1.5	1.7	.3	.2									79	80	12	5
70/ 69	.3	.2	1.2	2.5	2.3	2.1	.3	.3										85	87	35	8
68/ 67		1.2	1.2	1.4	1.6	.9	1.0	.1	.1									69	69	57	24
66/ 65	.9	1.3	1.5	2.4	2.0	1.2	.3	.2										90	91	84	43
64/ 63	.3	2.2	1.6	2.6	2.3	1.6	.8											105	108	101	64
62/ 61	.3	1.9	1.4	1.3	1.0	1.3												66	67	110	73
60/ 59	.3	1.5	2.1	1.5	1.7	.9	.3											77	77	105	86
58/ 57	.5	2.2	1.6	1.3	.9	.3	.1											64	64	95	81
56/ 55	.8	1.1	.5	1.5	.5	.1												42	42	99	96
54/ 53	.5	1.2	.9	.9	.3													35	35	69	110
52/ 51	.5	.4	.8	.1	.1													18	19	59	81
50/ 49			.1		.2													3	3	46	49
48/ 47	.4	.1		.1														6	6	23	55
46/ 45	.2																	2	2	7	62
44/ 43																				2	30
42/ 41																				2	18
40/ 39																					18
38/ 37																					4
36/ 35																					1
34/ 33																					5
TOTAL	5.6	13.5	15.3	20.2	16.6	14.2	9.2	3.3	1.7	.4	.1								929		917
																		917		917	

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.	4719220	64120	69.9	16.042	917							
Dry Bulb	4057229	60997	65.7	7.503	929			41.5	17.9	2.9		93
Wet Bulb	3264420	54422	59.3	6.145	917			11.7	1.1			93
Dew Point	2809691	50311	54.9	7.343	917			4.2	.4			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

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | AUG 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
94/ 93										.1								1	1		
92/ 91								.2				.1						3	3		
90/ 89									.1	.2	.3	.1						7	8		
88/ 87							.3	.2		.2	.1	.2	.1					11	12		
86/ 85						.2	.1	.4	.3	.4	.3	.2			.1			20	21		
84/ 83				.1		.2	.4	.7	.9	.4	.3	.1						29	29		
82/ 81				.3	.2	.8	.4	1.0	1.6	.8	.3							50	51		
80/ 79				.1	.5	.9	1.3	1.4	1.3	.3	.4	.1						59	59		
78/ 77				.3	1.1	1.1	.8	1.4	.2	.5	.4							54	55	3	
76/ 75		.1	.3	.9	1.0	1.2	2.5	1.5	1.2	.7	.2							88	88	10	1
74/ 73			.7	1.1	1.4	2.5	1.6	.9	.5	.1								81	81	13	3
72/ 71			.3	1.2	1.1	1.0	1.5	1.2	.5									63	63	34	13
70/ 69	.1	.1	.7	.9	1.8	1.4	.8	.8	.3									63	63	51	14
68/ 67	.3	.9	1.2	.9	1.7	1.8	1.4	1.5	.1									91	92	79	30
66/ 65		.8	.5	1.5	1.3	1.0	1.7	.1	.1									65	65	108	36
64/ 63		1.1	.7	2.4	.9	1.2	.8	.3										67	67	112	65
62/ 61		1.1	.4	.7	1.2	.4	.8	.2										44	44	87	71
60/ 59	.1	1.1	.5	1.1	.7	.8	.2	.1										42	42	107	66
58/ 57	.3	.7	.8	1.0	.4	.1												30	30	90	100
56/ 55	.3	.8	.7	1.2		.2												29	29	74	96
54/ 53	.1	.8	.2	.2	.2	.1												15	15	66	74
52/ 51	.1	.1			.1													3	3	41	87
50/ 49	.1	.2																3	3	33	56
48/ 47	.2	.1																3	3	7	59
46/ 45	.1																	1	1	5	65
44/ 43																				2	35
42/ 41																					19
40/ 39																					17
38/ 37																					9
36/ 35																					2
34/ 33																					4
TOTAL	1.8	7.7	6.9	13.8	13.7	14.9	14.6	11.9	7.3	3.8	2.5	.9	.1		.1				928		922
																		922		922	

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.	3572320	55224	59.9	16.951	922							
Dry Bulb	4691507	65493	70.6	8.651	928			62.7	40.9	14.6	.1	93
Wet Bulb	3482711	56365	61.1	6.332	922			19.2	2.6			93
Dew Point	2829117	50569	54.8	7.767	922			6.2	.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

94836 STATION — K I SAWYER AFB MI STATION NAME — 9-78 YEARS — AUG MONTH

PAGE 1 — 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				
96/ 95											.1	.1						2	2		
94/ 93										.1	.2	.1						4	4		
92/ 91								.1				.8						8	8		
90/ 89						.1			.3	.2	.3	.5	.1					15	17		
88/ 87					.1			.2	.1	.9	.3	.4			.1			20	21		
86/ 85					.2		.2	.1	.5	.3		.1		.1				15	15		
84/ 83				.1				.7	.7	.8	.3	.2						25	26		
82/ 81				.2	.1	.3	.5	1.3	1.5	.8	.3	.2						49	50		
80/ 79			.2		.5	1.1	1.3	1.7	.9	.8	.1	.2						63	64	2	
78/ 77			.1	.2	.8	1.2	1.1	1.2	.9	1.0	.2							61	61	4	2
76/ 75		.1		1.1	1.4	1.3	.5	.9	.5	.4								58	58	10	2
74/ 73		.1	.4	.7	1.8	1.2	1.5	2.1	.9	.3								83	83	12	4
72/ 71		.1	.8	.9	1.6	1.3	1.6	1.7	.8									81	81	29	5
70/ 69	.1	.7	.8	1.1	1.7	1.2	1.2	.8	.2									71	71	76	10
68/ 67	.1	.3	.9	1.2	.9	1.1	1.3	.9	.2									63	63	85	38
66/ 65	.2	.7	1.0	1.5	1.1	1.3	1.1	.5	.2									70	70	93	44
64/ 63	.3	.7	.8	1.1	1.2	1.7	1.0	.1										63	63	100	54
62/ 61	.2	.7	.7	1.4	1.8	.3	1.0											56	56	93	83
60/ 59		.5	.2	.8	.8	1.0	.1											31	31	98	78
58/ 57		.5	1.3	.5	.7	.2												30	30	80	83
56/ 55	.3	.8	.9	.9	.3	.1												30	31	72	71
54/ 53		.4	.4		.2	.1												11	11	73	75
52/ 51	.2	.2	.2		.1													7	7	43	83
50/ 49		.1	.2															3	3	36	58
48/ 47	.2																	2	2	11	80
46/ 45	.1																	1	1	4	55
44/ 43																				1	41
42/ 41																					29
40/ 39																					12
38/ 37																					9
36/ 35																					6
TOTAL	1.8	5.9	8.8	11.6	15.4	16.6	12.5	12.3	7.7	5.5	2.0	2.7	.1	.1	.1				929		922
																		922		922	

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.	3448767	54185	58.8	16.942	922							
Dry Bulb	4766871	66001	71.0	9.157	929			62.5	40.9	17.0	.6	93
Wet Bulb	3494251	56439	61.2	6.542	922			22.0	2.8	.2		93
Dew Point	2817670	50446	54.7	7.907	922			6.2	.8			93

USAF ETAC 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

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 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		.1						3	3		
90/ 89										.1								1	1		
88/ 87									.1	.2	.2							5	5		
86/ 85					.1	.1		.2	.3		.2							9	10		
84/ 83							.4	.3	.2	.2	.1							12	12		
82/ 81				.1			.5	.3	.1	.3	.1	.1						15	15		
80/ 79				.1	.1	1.1	.9	.6	.4		.1							31	32		
78/ 77		.2	.1		.6	1.4	.2	.9	.2		.2							36	36	1	
76/ 75			.4	.9	1.1	1.1	1.5	.6	.3	.1	.1							57	57	4	3
74/ 73	.1	.1	.4	1.3	1.5	1.0	.5	1.0	.3									58	59	6	2
72/ 71	.5	.3	1.1	1.8	1.9	.6	1.6	.8	.5									86	86	23	9
70/ 69	.1	.8	1.5	1.5	1.6	1.6	1.3	.3										81	81	55	6
68/ 67	.1	.8	1.7	1.3	1.5	1.7	1.3	.2										80	81	68	25
66/ 65	1.2	.6	1.2	1.8	1.0	.9	.8	.5	.1									75	75	97	67
64/ 63	.1	1.0	1.1	1.8	1.3	1.1	.6		.1									66	66	88	50
62/ 61	.3	.8	1.6	1.9	1.5	1.5	.5											76	76	80	85
60/ 59	.8	1.6	1.9	1.0	1.2	.6	.3											69	69	95	78
58/ 57		.9	1.4	1.8	1.1	.8	.2											57	57	103	65
56/ 55		1.6	1.1	.9	.6	.4												43	43	69	85
54/ 53	.4	.9	1.2	.9	.1													32	32	71	73
52/ 51	.1	.5	.6	.3	.1	.1												17	17	74	72
50/ 49	.1	.3	.5		.1													10	10	45	83
48/ 47	.1	.2	.1	.1														5	5	28	49
46/ 45				.1														1	1	12	71
44/ 43																				4	39
42/ 41																				1	24
40/ 39																				1	13
38/ 37																					14
36/ 35																					6
34/ 33																					5
32/ 31																					1
TOTAL	4.0	10.6	16.1	17.7	15.6	14.1	10.8	5.8	2.8	1.2	1.1	.2							929		925
																		925		925	

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.	4386304	61806	66.8	16.664	925							
Dry Bulb	4206579	62027	66.8	8.382	929			47.9	23.0	5.7		93
Wet Bulb	3326796	55122	59.6	6.742	925			15.8	1.1			93
Dew Point	2809972	50426	54.5	8.176	925		.1	4.5	.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

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 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
80/ 79						.2												2	2		
78/ 77			.2	.1	.2													5	5		
76/ 75				.1	1.0	.1												11	11		
74/ 73			.3	1.6	.5	.3												26	26	2	
72/ 71	.4	.1	1.3	1.1	.9	.3	.1		.1									40	40	6	7
70/ 69	.3	.5	1.7	1.1	.8	.2	.3		.1									47	47	18	4
68/ 67	.7	1.6	2.7	.7	.7	.3	.1											62	63	51	21
66/ 65	1.2	1.4	3.5	2.2	.4	.7	.1											87	86	61	55
64/ 63	.2	1.7	2.2	2.6	.8	.2	.1											72	74	65	44
62/ 61	.3	2.0	2.4	2.2	1.0	.2		.1										75	76	65	60
60/ 59	1.6	3.1	4.6	1.6	.2	.2												105	106	75	68
58/ 57	.5	3.9	3.9	1.4	.5													95	95	121	92
56/ 55	.8	3.4	1.8	1.1	.9													73	73	106	85
54/ 53	1.1	1.8	1.8	1.1	.3													57	57	96	93
52/ 51	.3	1.2	3.1	.4	.2													49	49	48	81
50/ 49	.2	1.4	2.3	.9	.2													46	46	61	70
48/ 47	.1	2.2	.9	.2	.1													32	32	56	49
46/ 45	.1	1.5	.8															22	22	36	60
44/ 43		.4	.2															6	6	32	47
42/ 41		.7	.1															7	7	11	37
40/ 39		.1	.1															2	2	7	18
38/ 37			.1															1	1	2	17
36/ 35																				1	8
34/ 33																				1	1
32/ 31																					3
30/ 29																					2
TOTAL	7.9	27.1	34.1	18.3	8.7	2.8	.8	.1	.2									922	928	922	922

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.	6066753	73935	80.2	12.237	922							
Dry Bulb	3393465	55667	60.0	7.648	928			19.4	4.4	.1		93
Wet Bulb	2973945	51945	56.3	7.173	922			7.9	.3			93
Dew Point	2704629	49397	53.6	7.945	922		.5	3.2				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

94836 STATION | K I SAWYER AFB MI STATION NAME | 79-78 YEARS | AUG MONTH

ALL 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
96/ 95											.0	.0						2	2		
94/ 93										.0	.0	.0						5	5		
92/ 91								.0		.0		.1						14	14		
90/ 89						.0			.1	.1	.1	.1	.0					23	26		
88/ 87					.0		.0	.1	.0	.2	.1	.1	.0		.0			36	38		
86/ 85					.0	.1	.0	.1	.1	.1	.1	.0		.0	.0			45	47		
84/ 83				.0		.0	.1	.2	.2	.2	.1	.0						71	73		
82/ 81				.1	.1	.1	.2	.4	.4	.2	.1	.0						124	127		
80/ 79			.0	.0	.2	.5	.5	.5	.4	.1	.1	.0						178	180	2	
78/ 77		.0	.1	.1	.4	.6	.4	.5	.2	.2	.1							193	194	8	2
76/ 75		.0	.1	.4	.7	.6	.8	.4	.3	.1	.0							260	261	28	6
74/ 73	.0	.1	.3	.9	.8	.8	.6	.5	.2	.1								319	320	43	13
72/ 71	.1	.2	.8	1.0	.9	.6	.8	.5	.3									384	386	109	41
70/ 69	.2	.5	1.1	1.0	1.1	.8	.5	.3	.1									406	408	251	59
68/ 67	.4	1.1	1.3	.8	.8	.7	.6	.3	.1									456	460	405	172
66/ 65	.8	1.2	1.6	1.4	.7	.6	.5	.2	.1									523	525	559	329
64/ 63	.5	2.1	1.5	1.8	.9	.7	.4	.1	.0									589	596	591	404
62/ 61	.4	2.1	1.4	1.2	.8	.5	.3	.0										497	501	606	489
60/ 59	.7	2.6	2.1	1.0	.6	.5	.1	.0										559	572	684	562
58/ 57	1.0	2.9	2.3	1.0	.5	.2	.0											578	588	770	645
56/ 55	.7	2.9	1.7	.9	.4	.1												498	500	679	682
54/ 53	1.0	2.5	1.4	.7	.2	.0												431	431	674	726
52/ 51	.7	2.0	1.5	.2	.1	.0												329	330	548	660
50/ 49	.3	1.3	1.2	.2	.1													229	232	430	554
48/ 47	.5	1.5	.6	.1	.0													200	201	323	499
46/ 45	.2	1.5	.6	.1														171	173	212	479
44/ 43	.1	.7	.5	.0														95	97	187	338
42/ 41	.0	.4	.2															50	51	89	267
40/ 39	.1	.4	.0															38	39	78	157
38/ 37	.1	.1	.0															18	20	46	110
36/ 35	.0	.1	.0															14	14	12	85
34/ 33		.0	.1															7	7	11	37
32/ 31		.0	.0															3	3	6	13
30/ 29	.0	.0																3	3	7	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 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 9-76 (YEARS) AUG (MONTH)

 ALL (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				
28/ 27																					4
26/ 25																					2
24/ 23																					4
TOTAL	8.0	26.5	20.5	12.9	9.2	7.5	6.0	4.2	2.5	1.4	.7	.5	.0	.0	.0				7424		7348
																		7348		7348	

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.	43180965	547637	74.5	17.946	7348							
Dry Bulb	29874628	464788	62.6	10.225	7424		.6	254.6	129.0	40.4	.7	744
Wet Bulb	24519884	420696	57.3	7.683	7348		1.3	85.7	8.2	.2		744
Dew Point	21476520	392834	53.5	8.041	7348		3.2	29.7	2.1			744

USAFETAC FORM 0-26-5 (OL-A) AUG 80 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 79-78 (YEARS) SEP (MONTH)

 0000-0200 (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				
72/ 71			.1	.1														2	2		
70/ 69	.6	.2				.2												9	9	5	5
68/ 67	.8	.3	.3		.2													15	15	13	9
66/ 65	.6	.4	.1	.4														14	14	7	10
64/ 63	.9	2.2	.8		.3													38	38	20	14
62/ 61		2.2	.2	.3														25	25	25	17
60/ 59		2.1	.2	.1	.1													23	23	32	22
58/ 57	.3	3.3	1.0	.1														43	43	25	33
56/ 55	.4	5.6	1.1	.2	.2													68	68	43	31
54/ 53	.7	3.7	2.3	.6														65	65	66	50
52/ 51	.8	5.2	2.0	.2														74	74	53	61
50/ 49	.6	6.1	2.6	.3	.1													87	87	86	59
48/ 47	1.6	6.2	1.9	.6	.2													94	94	99	95
46/ 45	.6	5.3	.9	.1														62	63	74	85
44/ 43	.6	4.4	1.3															57	57	77	65
42/ 41	.7	4.1	.6															48	48	62	67
40/ 39	.2	3.1	.7															36	36	43	51
38/ 37	1.3	2.9	.2															40	40	51	56
36/ 35	.7	3.0																33	33	35	46
34/ 33	.6	2.4	.6															32	32	28	30
32/ 31	.3	1.4																16	16	28	44
30/ 29	.4	.9	.1															13	13	16	19
28/ 27	.1	.4																5	5	9	13
26/ 25																				2	14
24/ 23																					2
20/ 19																					1
TOTAL	12.6	65.9	17.0	3.1	1.2	.2												899	900	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.	7020688	79054	87.9	8.768	899							
Dry Bulb	2211233	43845	48.7	9.149	900		3.4	2.6				90
Wet Bulb	2051095	42183	46.9	8.940	899		5.5	1.8				90
Dew Point	1920151	40679	45.2	9.407	899		9.3	1.4				90

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-76 YEARS | SEP 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
74/ 73				.1														1	1		
72/ 71			.1															1	1		
70/ 69			.3															3	3		
68/ 67	1.3	.4																16	16	17	12
66/ 65	.4	1.1	.2	.1														17	17	15	14
64/ 63	.7	.6	.1	.3														15	15	11	15
62/ 61	.2	2.9	.2		.2													32	32	10	10
60/ 59		1.7	.2	.1														18	18	29	19
58/ 57	.4	3.2	.6	.1														39	39	28	30
56/ 55	.8	4.1	1.2	.3														58	58	38	33
54/ 53	.6	5.6	.8	.1														63	63	55	33
52/ 51	2.0	6.0	1.8	.3	.3													94	94	83	75
50/ 49	.8	5.9	1.4															73	75	76	82
48/ 47	1.1	7.0	.8		.2													82	82	77	73
46/ 45	.3	5.2	1.0	.4														63	63	78	68
44/ 43	1.0	5.2	1.0															65	65	66	68
42/ 41	.4	2.7	.3															31	31	55	56
40/ 39	.7	3.6	.3															41	41	56	49
38/ 37	2.0	3.2	.1															48	48	43	53
36/ 35	.8	3.9	.2															4	44	39	51
34/ 33	1.4	3.5	.4															48	48	44	35
32/ 31	.4	2.0																22	22	43	58
30/ 29	.4	1.1	.2															16	16	20	29
28/ 27		.2																2	2	6	15
26/ 25	.1	.2																3	3	4	7
24/ 23		.2																2	2	3	5
22/ 21																				1	4
20/ 19																					3
TOTAL	16.1	69.7	11.5	2.0	.8													897	899	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	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7219096	80156	89.4	7.930	897							
Dry Bulb	2111229	42745	47.5	9.369	899		4.5	2.1	.1			90
Wet Bulb	1974475	41259	46.0	9.252	897		7.7	1.7				90
Dew Point	1864714	39956	44.5	9.735	897		12.1	1.2				90

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

94836 STATION — K I SAWYER AFB MI STATION NAME — 69-76 YEARS — SEP MONTH

PAGE 1 — 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				
72/ 71			.1															1	1		
70/ 69	.1	.1	.2															4	4	1	1
68/ 67	1.3	.8	.1															20	20	17	13
66/ 65	.2	.9	.1															11	11	12	10
64/ 63	.6	.9	.4															17	17	12	15
62/ 61	.4	1.3	.3	.2	.1													22	22	14	15
60/ 59	.2	1.2	.2	.2														17	17	17	10
58/ 57	.2	2.7	1.2	.3		.1												41	41	21	22
56/ 55	1.1	5.5	.7	.2														67	67	40	24
54/ 53	.6	5.1	1.0	.2														62	62	71	56
52/ 51	1.0	6.2	2.0															83	83	73	67
50/ 49	1.3	6.0	1.3	.4	.1													83	84	89	78
48/ 47	1.3	5.6	.6	.1	.1													69	69	73	83
46/ 45	.2	8.0	1.2	.4														89	89	71	62
44/ 43	.6	4.3	1.1	.1														55	55	79	75
42/ 41	.7	4.3	.3															48	48	56	70
40/ 39	.3	3.4	.2															36	36	58	49
38/ 37	1.3	3.8	.3	.1														50	50	44	54
36/ 35	1.4	3.2	.2															44	44	44	49
34/ 33	.6	3.4	.1															37	37	44	37
32/ 31	.2	2.3	.2															25	25	30	44
30/ 29	.1	.9	.1															10	10	21	29
28/ 27	.1	.2	.1															4	4	6	15
26/ 25	.1																	1	1	3	10
24/ 23		.3																3	3	1	6
22/ 21																				2	1
20/ 19																					3
18/ 17																					1
TOTAL	14.1	70.6	12.3	2.4	.3	.1												899	900	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.	7208294	80174	89.2	8.055	899							
Dry Bulb	2108540	42786	47.5	9.103	900		4.3	2.5				90
Wet Bulb	1972794	41328	46.0	9.010	899		6.3	1.8				90
Dew Point	1860873	39995	44.5	9.530	899		10.9	1.4				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

94836 STATION — K I SAWYER AFB MI STATION NAME — 9-78 YEARS — SEP 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
84/ 83						.1												1	1		
82/ 81						.1												1	1		
80/ 79			.1	.1	.2						.1							5	5		
78/ 77			.2		.2													4	4		
76/ 75				.1	.1	.2	.1		.1	.1								7	7	3	
74/ 73	.1	.1		.6	.1	.1			.1									10	10	4	6
72/ 71			.2	.2	.2	.1	.1	.1	.1									10	10	4	
70/ 69	.3		.4	.7	.3	.3	.3	.1										23	23	5	5
68/ 67	.3	.9	.3	.1	.2	.1	.2											20	20	17	9
66/ 65		.9	1.1	.4	.6	.4	.3	.1										35	35	21	12
64/ 63	.1	.9	.7	1.1	.6	1.0	.1	.1										41	41	18	23
62/ 61	.3	1.0	.8	.9	.9	1.1		.1										46	46	24	19
60/ 59	.3	1.4	.6	1.4	1.1	1.0	.1											54	54	32	19
58/ 57	.3	3.2	1.6	1.4	1.1	.9	.1											78	78	55	32
56/ 55	.6	4.1	2.2	1.9	2.4	.4												105	105	62	46
54/ 53	.4	3.1	3.2	3.1	.2	.1												92	92	97	49
52/ 51	.4	3.8	4.8	1.9	.7		.'											105	105	87	58
50/ 49	.6	1.8	3.6	.9	.2													63	63	115	87
48/ 47	.1	3.6	2.7	.6	.3													65	65	108	84
46/ 45	.4	2.4	1.2	.8	.4													48	48	84	90
44/ 43	.2	1.3	1.4	.4	.2													33	33	57	84
42/ 41		1.3	.7	.6	.1													24	24	27	36
40/ 39	.1	.9	1.0	.1														19	19	35	66
38/ 37		.4	.1															5	5	24	36
36/ 35		.4																4	4	14	31
34/ 33		.1																1	1	5	20
32/ 31																				1	15
30/ 29		.1																1	1	1	10
28/ 27																					10
26/ 25																					2
24/ 23																					1
TOTAL	4.8	31.9	26.9	17.3	10.3	6.1	1.6	.6	.3	.1	.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.	5453232	68802	76.4	14.573	900							
Dry Bulb	2770418	49368	54.9	8.333	900		.1	8.1	2.8	.3		90
Wet Bulb	2375807	45729	50.8	7.629	900		.2	3.3	.7			90
Dew Point	2065975	42401	47.1	8.721	900		3.8	2.0	.6			90

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-76 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						1	1		
90/ 89								.1						.1				2	2		
88/ 87							.1		.1									2	2		
86/ 85							.2		.1									3	3		
84/ 83				.1	.3	.1	.3											8	8		
82/ 81				.1	.3	.3	.1		.2	.1	.1	.1	.1					14	14		
80/ 79			.1			.3	.4	.2	.2	.1		.1	.2					16	16		
78/ 77					.2	.1	.2	.2	.2	.1								10	10	2	
76/ 75			.1	.2	.9	.1	.6	.2	.1	.1								21	21	8	
74/ 73	.2		.1	.6	.1	.8	.3	.1	.6									25	25	8	6
72/ 71				.4	.3	.1	.4	.2	.1									15	15	9	6
70/ 69		.4	.6	.6	.3	1.0	.6	.4	.7	.2								43	43	13	6
68/ 67		.1	.7	.6	.3	.4	.7	.8	.2									34	34	18	10
66/ 65	.2	.4	.4	.2	.6	1.8	1.9	.1	.1	.1								53	53	33	17
64/ 63	.1	.3	.6	1.0	.7	1.1	1.9	1.0	.2									62	62	29	24
62/ 61	.1	1.3	.7	1.7	1.7	1.3	1.1	.6										76	76	26	19
60/ 59	.1	1.6	1.1	1.4	2.2	1.0	1.2	.4	.1									83	83	48	27
58/ 57	.3	1.8	1.3	2.0	2.1	1.4	.6	.2										88	88	57	40
56/ 55	.1	2.0	1.7	2.4	1.8	1.0	.4											85	85	85	42
54/ 53		1.9	1.4	2.2	.7	.3	.2											61	61	113	38
52/ 51	.1	2.1	1.7	1.0	.9	.6												57	57	88	50
50/ 49	.2	.7	1.6	1.6	.3	.3												42	42	108	87
48/ 47	.2	1.6	1.0	.8	.4													36	36	89	66
46/ 45		1.2	.3	.7	.8													27	27	57	89
44/ 43	.1	.2	1.2	.6	.6													24	24	43	89
42/ 41		.1	.3	.1														5	5	17	64
40/ 39		.1		.1														2	2	25	68
38/ 37		.2	.3															5	5	15	38
36/ 35																				6	37
34/ 33																				3	20
32/ 31																					22
30/ 29																					18
28/ 27																					13
26/ 25																					4

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

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-76 YEARS | SEP MONTH

PAGE 2 | 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					
TOTAL	1.9	16.1	15.2	18.3	15.6	12.2	11.3	4.7	3.0	.8	.1	.3	.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.	4089.33	58557	65.1	17.624	900							
Dry Bulb	3308414	53882	59.9	9.583	900			19.4	10.2	3.6		90
Wet Bulb	2589655	47741	53.0	7.977	900			5.8	1.8			90
Dew Point	2079451	42393	47.1	9.585	900		5.7	2.8	.6			90

USAFETAC FORM 0-26-5 (OL A) 1 JAN 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | SEP 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.C./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93									.2									2	2		
92/ 91																.2		2	2		
88/ 87									.2									2	2		
86/ 85						.2		.3										5	5		
84/ 83				.1		.1	.2			.2			.1	.1	.1			9	9		
82/ 81				.1	.2	.2			.2	.3		.2						12	12		
80/ 79			.1	.1	.1	.2	.3	.2	.3	.2	.1							16	16	1	
78/ 77		.1		.1	.3	.2	.2	.6	.3	.2	.1	.2						22	22	4	
76/ 75		.2		.3	.3	.3	.3	.1	.2	.1	.1							19	19	4	2
74/ 73			.2	.4		.9	.8	.2			.1							24	24	7	8
72/ 71	.1		.7	.6	.4	.8	.3	.3	.2	.4								35	35	12	2
70/ 69		.1	1.2	.1	.1	.3	.3	.6	.4									29	29	11	4
68/ 67		.1	.8	.2	.4	.6	1.2	1.2	.2	.1								44	44	23	12
66/ 65		.2	.2	1.1	.7	.9	1.4	.4	.4									49	49	28	19
64/ 63		.8	.8	.8	2.1	1.7	1.8	1.7	.1									87	87	36	20
62/ 61		1.7	.8	.8	1.2	.9	1.0	.7	.3									66	66	34	27
60/ 59		.3	.3	1.6	2.3	1.1	.6	.4	.1									61	61	53	14
58/ 57	.3	1.8	2.4	.9	1.9	.8	.1	.1										75	75	52	43
56/ 55		1.2	1.7	1.8	1.3	1.3	.2	.1										69	69	81	39
54/ 53		1.2	1.3	1.8	.6	1.4	.2											59	59	101	44
52/ 51		1.9	1.2	1.3	.6	.2												47	47	83	49
50/ 49		1.3	1.9	1.8	.3	.2												50	50	100	75
48/ 47	.3	2.9	1.6	.7	.8	.2												58	59	84	66
46/ 45		.4	.9	.4	1.1													26	26	75	94
44/ 43		.7	.4	.1														11	11	43	83
42/ 41	.1	.4	.3	.2														10	10	24	74
40/ 39		.3		.6														8	8	19	58
38/ 37																				15	47
36/ 35																				2	43
34/ 33		.1																1	1	5	25
32/ 31																				1	10
30/ 29																					17
28/ 27																					14
26/ 25																					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

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | SEP 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
24/ 23																					4
TOTAL	.9	15.9	16.9	15.9	14.9	12.7	9.1	7.0	3.5	1.7	.4	.4	.1	.1	.1	.2			899		898
																		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.	3970419	57463	64.0	18.084	898							
Dry Bulb	3359702	54202	60.3	10.110	899			22.1	11.3	3.6	.2	90
Wet Bulb	2592533	47691	53.1	8.162	898		.1	6.2	1.6			90
Dew Point	2062823	42145	46.9	9.727	898		5.0	2.8	1.0			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

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 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
82/ 81				.1			.1											2	2		
80/ 79			.1	.1		.1	.2		.2	.1								8	8		
78/ 77				.3		.1			.2		.1							7	7	1	
76/ 75	.1		.2	.2	.1	.1	.3		.1		.1							12	12	2	3
74/ 73		.3	.2	.2	.2	.1	.3	.1	.2	.1								17	17	3	
72/ 71		.1	.1	.3	.6	.1		.4		.1								16	16	8	2
70/ 69	.1		.8	.6	.3	1.1	.1	.1	.1									29	29	9	8
68/ 67	.2	.4	.6	.3	.2	.1	.1		.1									19	19	9	8
66/ 65	.1	.6	1.1	.3	.9	.4	.4	.2										37	37	23	10
64/ 63		1.7	.6	1.0	1.0	.8	.4	.4										53	53	29	18
62/ 61	.2	1.1	1.5	.7	1.5	.9	.3											55	55	37	31
60/ 59	.6	1.3	.9	1.3	.9	.8	.2	.1										55	55	45	28
58/ 57	.3	2.1	2.3	1.7	1.5	.6	.1	.1										78	78	46	30
56/ 55	.1	2.3	1.5	2.7	.8	.6	.1											72	72	65	47
54/ 53		1.9	2.7	2.1	1.2	.3	.1											75	75	70	36
52/ 51	.1	2.5	3.1	1.1	.7	.1												68	68	81	41
50/ 49		2.3	4.1	1.1	.1	.1												70	70	96	74
48/ 47	.7	3.8	2.9	.8	.4													77	77	95	88
46/ 45	.1	2.7	1.7	1.1		.1												51	52	94	101
44/ 43	.1	1.7	1.8	.6														37	38	58	77
42/ 41		1.7	.3	.6														23	24	46	81
40/ 39		1.0	.8	.2	.1													19	19	33	68
38/ 37		.8	.4															11	11	18	52
36/ 35		.1	.1															2	2	17	32
34/ 33		.3																3	3	8	17
32/ 31																				3	17
30/ 29																					19
28/ 27																					4
26/ 25																					1
24/ 23																					1
22/ 21																					2
TOTAL	2.8	28.8	27.8	17.5	10.5	6.5	3.0	1.6	1.0	.3	.2							899			896
																		896		896	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	5143474	66528	74.3	15.089	896
Dry Bulb	2842761	49863	55.5	9.267	899
Wet Bulb	2384634	45648	50.9	8.121	896
Dew Point	2040207	41981	46.9	9.046	896

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			11.0	4.6	.4		90
Wet Bulb		.3	3.2	.6			90
Dew Point		4.4	2.1	.3			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

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-78 YEARS | SEP 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
74/ 73		.1	.2															3	3	1	1
72/ 71	.2	.3	.4			.1		.1										11	11	4	2
70/ 69	.1	.3	.4	.1	.1	.2	.1											13	13	7	4
68/ 67	.3	.2	.4	.1	.2	.1												13	13	10	11
66/ 65	.3	.9	.7	.1	.3			.1										22	22	10	8
64/ 63	.7	1.7	.9	.8	.1		.1											38	38	22	17
62/ 61	.2	2.7	.7	.1	.2													35	35	36	17
60/ 59	.2	2.0	.7	.4	.1	.3												34	34	31	35
58/ 57	.6	2.9	.8	.8	.1													46	46	44	33
56/ 55	.2	4.1	2.0	1.0	.1	.1												68	68	43	36
54/ 53	.1	2.4	2.9	.8	.4													60	60	46	42
52/ 51	.2	5.3	3.4	.9	.3													92	92	56	40
50/ 49	.3	4.7	3.2	.9		.3												85	85	101	65
48/ 47	1.0	6.4	2.4	.3	.1													93	93	96	94
46/ 45	.2	5.7	1.8	.3														72	72	95	89
44/ 43	.3	3.9	1.7															53	53	79	80
42/ 41	.1	2.6	1.1															34	34	54	65
40/ 39	.2	3.0	.6	.3														37	37	49	67
38/ 37	.4	3.4	.9	.1														44	44	32	54
36/ 35	.3	1.7	.2															20	20	37	45
34/ 33	.2	1.4	.1															16	16	25	29
32/ 31		1.0																9	9	16	29
30/ 29		.2																2	2	6	17
28/ 27																					14
26/ 25																					6
TOTAL	6.4	57.0	25.6	7.1	2.2	1.2	.2	.2										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.	6487221	75835	84.3	10.402	900							
Dry Bulb	2377183	45557	50.6	8.896	900		1.1	4.0	.3			90
Wet Bulb	2157489	43381	48.2	8.599	900		2.2	2.2	.1			90
Dew Point	1971827	41305	45.9	9.204	900		6.6	1.8	.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

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (YEARS) SEP (MONTH)

 ALL (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									.0									2	2		
92/ 91												.0				.0		3	3		
90/ 89								.0						.0				2	2		
88/ 87							.0		.0									4	4		
86/ 85						.0	.0	.0	.0									8	8		
84/ 83				.0	.0	.0	.1			.0			.0	.0	.0			18	18		
82/ 81				.0	.1	.1	.0		.1	.1	.0	.0	.0					29	29		
80/ 79			.1	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0					45	45	1	
78/ 77		.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0						43	43	7	
76/ 75	.0	.0	.0	.1	.2	.1	.2	.0	.1	.0	.0							59	59	17	5
74/ 73	.0	.1	.1	.2	.1	.2	.2	.1	.1	.0	.0							80	80	23	21
72/ 71	.0	.1	.2	.2	.2	.2	.1	.2	.1	.1								91	91	37	12
70/ 69	.2	.2	.5	.3	.2	.4	.2	.2	.2	.0								153	153	51	33
68/ 67	.5	.4	.4	.2	.2	.2	.3	.3	.1	.0								181	181	124	84
66/ 65	.2	.7	.5	.3	.4	.4	.5	.1	.1	.0								238	238	149	100
64/ 63	.4	1.1	.6	.6	.6	.6	.5	.4	.0									351	351	177	146
62/ 61	.2	1.8	.6	.6	.7	.5	.3	.2	.0									357	357	206	155
60/ 59	.2	1.5	.5	.8	.8	.5	.3	.1	.0									345	345	287	174
58/ 57	.4	2.6	1.4	.9	.8	.5	.1	.1										488	488	328	263
56/ 55	.4	3.6	1.5	1.3	.8	.4	.1	.0										592	592	457	298
54/ 53	.3	3.1	2.0	1.4	.4	.3	.1											537	537	619	348
52/ 51	.6	4.1	2.5	.8	.4	.1	.0											620	620	604	441
50/ 49	.5	3.6	2.5	.9	.2	.1												553	556	771	607
48/ 47	.8	4.6	1.7	.5	.3	.0												574	575	721	649
46/ 45	.2	3.9	1.1	.5	.3	.0												438	440	628	678
44/ 43	.4	2.7	1.3	.2	.1													335	336	502	621
42/ 41	.3	2.2	.5	.2	.0													223	224	341	563
40/ 39	.2	1.9	.4	.2	.0													198	198	318	476
38/ 37	.6	1.9	.3	.0														203	203	242	390
36/ 35	.4	1.5	.1															147	147	194	334
34/ 33	.3	1.4	.2															138	138	162	213
32/ 31	.1	.8	.0															72	72	122	239
30/ 29	.1	.4	.1															42	42	64	158
28/ 27	.0	.1	.0															11	11	21	98

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 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
26/ 25	.0	.0																4	4	9	49
24/ 23		.1																5	5	4	19
22/ 21																				3	7
20/ 19																					7
18/ 17																					1
TOTAL	7.4	44.5	19.2	10.5	7.0	4.9	3.2	1.8	1.0	.4	.1	.1	.1	.0	.0	.0			7197		7189
																		7189		7189	

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.	46591557	566569	78.8	16.428	7189							
Dry Bulb	21089480	382248	53.1	10.461	7197		13.4	71.8	29.3	7.9	.2	720
Wet Bulb	18098482	354960	49.4	8.922	7189		22.3	26.0	4.8			720
Dew Point	15866021	330855	46.0	9.431	7189		57.9	15.5	2.6			720

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

94836 STATION — K I SAWYER AFB MI STATION NAME — 69-78 YEARS — OCT MONTH

AGE 1 — 0000-0200 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				
64/ 63		.8		.1			.1											9	12		
62/ 61	.1	.3	.1	.2		.2												9	9	11	8
60/ 59	.5	.8	.4	.3														19	19	5	8
58/ 57		.8	.1	.2	.1													11	11	10	4
56/ 55	.1	1.3		.1														14	14	16	10
54/ 53	.3	2.5	.9	.4														38	38	27	22
52/ 51	.3	1.2	.5	.2														21	21	26	25
50/ 49	.9	3.6	1.1	.5	.2	.1												59	59	38	30
48/ 47	.2	2.6	1.9	1.2	.3													58	58	37	33
46/ 45	.8	4.0	3.3	1.5	.2	.2												93	93	53	40
44/ 43	1.6	3.8	1.7	.4	.4													74	74	76	70
42/ 41	.2	3.1	1.2	.6	.1													49	49	74	39
40/ 39	1.3	3.9	1.2	.3														62	62	81	51
38/ 37	.4	3.5	2.6	.3														63	63	52	68
36/ 35	.8	3.5	1.7	.1														56	56	60	64
34/ 33	.8	4.9	1.4	.1														66	66	73	53
32/ 31	.3	6.1	1.8															77	77	67	76
30/ 29	.5	5.1	.9															60	60	79	56
28/ 27	.6	2.0	.4															29	29	59	67
26/ 25	.2	2.8	.2															30	30	31	67
24/ 23		2.2	.1															21	21	32	38
22/ 21	.2	.4																6	6	13	43
20/ 19		.1																1	1	4	27
18/ 17	.2																	2	2	3	13
16/ 15																					6
14/ 13																					6
12/ 11																					3
TOTAL	10.5	59.0	21.7	6.8	1.4	.5	.1												930		927
																		927		927	

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.	6492690	76826	82.9	11.649	927							
Dry Bulb	1598600	37540	40.4	9.468	930		22.6					93
Wet Bulb	1430486	35418	38.2	9.135	927		28.9					93
Dew Point	1251860	32726	35.3	10.210	927		40.3					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

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-78 YEARS | OCT 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
66/ 65			.2															2	2		
64/ 63		.1	.1	.1														3	4	2	
62/ 61		.5	.1															6	8	4	6
60/ 59	.6	.8	.1	.1	.2													17	17	10	8
58/ 57		1.0	.5		.2													16	16	10	6
56/ 55	.3	.9																11	11	13	12
54/ 53	.3	2.2	.2	.1	.1													27	27	23	13
52/ 51	.5	1.4	.5	.1	.1													25	25	22	29
50/ 49	.5	2.9	.8	.1														40	40	31	26
48/ 47		2.4	1.1	.4														36	36	31	23
46/ 45	1.1	5.9	.9	.2														75	75	43	40
44/ 43	1.1	3.9	2.8	1.2														83	83	80	69
42/ 41	.5	3.2	1.4	.5	.3													56	56	51	40
40/ 39	1.0	4.9	1.3	.5														76	76	82	44
38/ 37	1.5	4.5	1.9	.4														78	78	76	54
36/ 35	.4	3.1	2.4	.1														56	56	64	72
34/ 33	.9	5.4	.8	.3														68	68	68	58
32/ 31	1.5	5.4	1.2	.1														76	76	87	77
30/ 29	1.2	5.0	.9															65	65	76	71
28/ 27	.8	3.2	.4															41	41	57	75
26/ 25	.2	1.9																20	20	31	55
24/ 23	.2	1.9	.2															22	22	27	42
22/ 21	.1	1.4																14	14	18	36
20/ 19	.3	.2																5	5	12	28
18/ 17	.3	.3																6	6	5	22
16/ 15		.1																1	1	2	11
14/ 13	.1																	1	1	1	7
12/ 11																					2
TOTAL	13.6	62.6	18.4	4.4	1.0													926	929	926	926

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.	6721795	78281	84.5	10.612	926							
Dry Bulb	1506239	36369	39.1	9.426	929		25.1					93
Wet Bulb	1365979	34539	37.3	9.165	926		31.7					93
Dew Point	1208880	32100	34.7	10.194	926		42.8					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

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-76 YEARS | OCT 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
68/ 67			.2															2	2		
66/ 65			.1															1	1		
64/ 63		.2	.1															3	3	3	
62/ 61	.1	.2																3	6	3	6
60/ 59	.3	1.1																13	13	8	3
58/ 57	.3	.4		.2														9	9	12	14
56/ 55	.3	1.2	.4	.1														19	19	6	8
54/ 53	1.2	1.7		.1														28	28	29	20
52/ 51	.2	1.9	.4															24	24	26	20
50/ 49	.1	2.3	.6	.2														30	30	16	25
48/ 47	.3	2.6	.8	.4														38	38	31	19
46/ 45	1.4	5.2	.4															65	65	56	48
44/ 43	1.1	3.8	2.2	.6														71	71	61	52
42/ 41	.4	4.2	1.0	.4														56	56	53	42
40/ 39	.8	5.4	2.2	.2														79	79	69	47
38/ 37	1.2	5.2	1.8	.4														80	80	76	56
36/ 35	1.1	5.3	2.2	.1														80	80	72	71
34/ 33	1.4	5.3	.5															67	67	89	66
32/ 31	.8	6.9	1.3															83	83	85	68
30/ 29	.8	4.6	.5															55	55	71	81
28/ 27	.3	5.0	.6															55	55	57	74
26/ 25	.1	1.5	.2															17	17	43	60
24/ 23		1.5																14	14	16	42
22/ 21	.1	1.6																16	16	15	38
20/ 19	.4	.8																11	11	20	21
18/ 17	.1	.3																4	4	5	20
16/ 15		.2																2	2	3	14
14/ 13		.1																1	1	1	8
12/ 11		.1																1	1	1	2
10/ 9																					1
8/ 7																					1
TOTAL	12.8	68.6	15.6	2.9															930		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.	6855488	79224	85.5	9.569	927							
Dry Bulb	1465764	35890	38.6	9.321	930		25.9	.2				93
Wet Bulb	1340187	34207	36.9	9.173	927		31.8					93
Dew Point	1196344	31934	34.4	10.196	927		43.1					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | OCT 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
76/ 75					.1													1	1		
72/ 71				.1					.1									2	2		
70/ 69				.1														1	1		
68/ 67																				1	
66/ 65				.1	.1		.1		.1									4	4	1	
64/ 63	.1	.3	.1	.3														8	8	3	4
62/ 61	.5	.4	.2	.2	.1	.1	.1											16	16	7	7
60/ 59		.8	.3	.6	.1		.2											19	19	8	3
58/ 57	.5	.4	.3	1.0	.3		.1											25	25	20	12
56/ 55		1.7	.8	.8	.9	.3												41	41	11	10
54/ 53	.9	1.4	.5	1.3	.4	.3	.1	.1										47	47	40	29
52/ 51	1.1	1.7	1.2	.3	.4	.2												46	46	37	29
50/ 49	.5	2.7	1.9	1.0	.8	.1												65	65	50	27
48/ 47	.1	3.3	1.4	1.8	.5													67	67	57	35
46/ 45	.8	2.7	3.1	1.9	.4													83	83	72	63
44/ 43	.2	3.2	2.0	1.6	.3													69	69	51	48
42/ 41		3.9	2.2	2.4	.2													80	80	97	48
40/ 39	.3	3.5	2.7	1.9														79	79	75	64
38/ 37	.1	3.7	2.9	1.0	.2													73	73	82	61
36/ 35	.2	3.1	2.7	.4														60	60	71	81
34/ 33	.2	2.2	1.1															32	32	78	65
32/ 31	.9	3.5	1.7	.2														59	59	63	66
30/ 29	.2	1.6	.9	.1														26	26	54	77
28/ 27		.8	.2															9	9	19	53
26/ 25		.8	.5															12	12	15	62
24/ 23		.4																4	4	12	38
22/ 21		.1																1	1	5	16
20/ 19																					10
18/ 17		.1																1	1		6
16/ 15																				1	10
14/ 13																					5
12/ 11																					1
TOTAL	6.7	42.4	26.8	17.2	4.9	1.1	.6	.1	.2									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.	5757174	71994	77.4	14.070	930							
Dry Bulb	1851271	40649	43.7	6.959	930		11.2	.4	.1			93
Wet Bulb	1603762	37792	40.6	8.557	930		16.9	.1				93
Dew Point	1344970	34150	36.7	9.895	930		34.4					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

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 59-78 (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
80/ 79												.1						1	1		
78/ 77						.2					.1							3	3		
76/ 75						.1				.1	.1							3	3		
74/ 73					.1		.1		.1									3	3		
72/ 71						.1	.1											2	2		
70/ 69			.2	.1	.1	.2	.2	.1										9	9		
68/ 67				.2	.5	.3	.1	.2										13	13	3	
66/ 65		.3	.1	.3	.5	.6	.5	.5	.1									29	29	6	
64/ 63	.1	.3	.4	.2	.8	1.0	.4	.4	.3	.1								38	38	5	8
62/ 61	.1	.5	.5	.3	.4	.5	.6	.9	.1	.1								39	39	12	8
60/ 59	.1	.3	.9	.4	1.6	.9	.3	.4	.2									48	48	20	6
58/ 57		.8	.3	1.1	1.5	.4	.3	.4	.1									46	46	30	9
56/ 55	.1	1.6	1.0	1.3	.9	.2	.5	.1										53	53	31	20
54/ 53	.1	1.4	.4	1.9	1.1	.4	.9											58	58	48	34
52/ 51	.3	1.5	1.0	.8	1.8	.9	.4											62	62	66	28
50/ 49	.2	1.8	1.4	1.6	1.1	1.2	.2	.1										71	71	73	33
48/ 47	.4	.9	1.6	1.4	1.8	.2	.5											64	64	59	52
46/ 45		1.6	1.7	2.0	1.5	.3		.1										68	68	66	47
44/ 43		1.1	1.5	1.8	.9	.2	.1											52	52	71	50
42/ 41		1.6	1.3	2.2	.4	.2												53	53	76	50
40/ 39	.2	2.8	1.9	2.6	.5													75	75	78	66
38/ 37		1.3	1.2	1.1														33	33	74	62
36/ 35		.4	1.3	1.0														25	25	51	58
34/ 33	.2	1.1	1.6	.2	.1													30	30	56	52
32/ 31	.3	1.5	1.2	.3	.1													32	32	40	64
30/ 29		.2	.8	.2														11	11	33	60
28/ 27		.2	.4															6	6	14	67
26/ 25		.3																3	3	9	57
24/ 23																				9	34
22/ 21																					20
20/ 19																					19
18/ 17																					11
16/ 15																					1
14/ 13																					6

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 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
12/ 11																					8
TOTAL	2.3	21.6	70.8	21.1	15.8	8.1	5.5	3.3	1.0	.3	.2	.1							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.	4300295	61075	65.7	17.649	930							
Dry Bulb	2335374	45622	49.1	10.236	930		5.2	3.4	1.0			93
Wet Bulb	1838654	40508	43.6	8.940	930		10.5	.3				93
Dew Point	1385641	34497	37.1	10.683	930		34.7					93

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

94836 STATION — K I SAWYER AFB MI STATION NAME — 70-76 YEARS — OCT 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.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79							.2					.3						5	5			
76/ 75					.1													1	1			
74/ 73				.2					.1									3	3			
72/ 71				.1		.2		.1										4	4			
70/ 69			.1	.1		.3	.3	.1	.2									11	11			
68/ 67			.1	.2	.2	.5	.6	.5	.2									23	23	5		
66/ 65		.1	.1	.4	.3	.6		.4	.1	.2								22	22	2		
64/ 63		.5	.5	.9	.5	.6	.3	.4	1.1	.3								49	49	5	6	
62/ 61	.1	.3	.6	.4	.6	1.0	.5	.3	.3									40	40	13	9	
60/ 59		.8	.9		1.1	.4	.8	.6		.1								43	43	25	7	
58/ 57	.1	1.0	1.0	.4	1.4	.5	.2	.4	.1									48	48	36	9	
56/ 55		1.4	.8	1.5	.9	.5	.5	.1										53	53	34	24	
54/ 53	.3	1.1	.8	1.8	1.0	1.4	1.0	.3										71	71	53	33	
52/ 51	.2	1.6	1.8	.9	1.0	1.2	.8	.2	.1									72	72	48	38	
50/ 49		1.0	.6	1.4	1.2	1.6	.2	.3										59	59	85	26	
48/ 47	.2	.9	.9	1.3	1.2	.2	.3	.2										48	48	65	43	
46/ 45		1.6	1.9	2.3	.8	.6	.1											68	68	48	61	
44/ 43	.1	1.0	1.2	1.5	.6		.1											42	42	76	43	
42/ 41		1.0	1.4	2.2	1.5													56	56	71	40	
40/ 39		2.5	1.9	1.7	.6													63	63	73	57	
38/ 37	.3	1.9	1.3	2.0														52	52	67	52	
36/ 35	.2	.5	.9	.5	.3													23	23	70	59	
34/ 33	.1	.6	1.5	.3														24	24	52	67	
32/ 31		1.6	1.0	.1														25	25	30	74	
30/ 29		1.3	.2	.2														16	16	40	56	
28/ 27		.1	.3	.2														6	6	18	56	
26/ 25		.1	.1															2	2	5	56	
24/ 23																				8	47	
22/ 21																					23	
20/ 19																					19	
18/ 17																					4	
16/ 15																					4	
14/ 13																					4	
12/ 11																					7	

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-7H YEARS | OCT 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				
10/ 9																						5
TOTAL	1.7	20.9	19.9	20.8	13.3	9.9	6.0	4.2	2.3	.6		.3							29	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.	417542	59848	64.4	18.567	929							
Dry Bulb	2385546	46066	49.6	10.447	929		4.9	4.7	.9	.2		93
Wet Bulb	1851973	40627	43.7	9.006	929		10.1	.5				93
Dew Point	1377172	34298	36.9	10.933	929		35.5					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

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | OCT 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											2	2		
66/ 65			.1			.1	.2	.1										5	7		
64/ 63		.3	.2	.3	.2	.1												11	12	2	
62/ 61	.3	.6	.1	.6		.1	.1	.1										9	19	7	6
60/ 59		1.2	.2	1.1	.3	.3	.3	.1										33	33	7	7
58/ 57	.3	1.3	1.1	.8	.5	.3	.4	.2	.1									47	47	23	14
56/ 55	.2	1.6	.5	.5	1.1	.3	.1											41	41	31	17
54/ 53	.9	1.0	.9	1.1	.6	.6	.1											48	48	42	27
52/ 51	.4	2.3	1.9	1.0	.6	.5	.1											64	64	40	31
50/ 49	.5	1.8	2.5	1.2	1.0	.6	.1											72	72	50	39
48/ 47	.3	2.7	1.3	1.4	1.1	.3	.1											67	67	79	30
46/ 45		2.5	1.7	1.7	.5	.8	.1											68	68	54	54
44/ 43	.3	2.6	.2	1.7	.6													69	69	74	54
42/ 41	.1	1.6	2.4	.8	.1	.2												48	48	60	49
40/ 39		2.4	2.3	1.7	.4	.2												65	65	67	50
38/ 37	.1	3.8	2.5	1.6	.1													75	75	82	51
36/ 35	.9	2.4	1.4	.6	.1													50	50	83	60
34/ 33	.4	1.7	2.3	.3	.1													45	45	67	70
32/ 31		2.4	2.5	.2														47	47	42	94
30/ 29		2.1	.6	.1														26	26	57	42
28/ 27	.1	.8	.6	.1														15	15	35	43
26/ 25		.3	.3															6	6	10	66
24/ 23		.2	.1															3	3	9	39
22/ 21																				4	38
20/ 19																				1	11
18/ 17																					5
16/ 15																					4
14/ 13																					7
12/ 11																					10
10/ 9																					1
8/ 7																					1
TOTAL	5.0	35.5	27.9	17.0	7.6	4.6	1.8	.5	.1										929		926
																		926		926	

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.	5270766	68282	73.7	15.964	926							
Dry Bulb	1956330	41744	44.9	9.319	929		9.7	.2				93
Wet Bulb	1640605	38123	41.2	8.779	926		15.9					93
Dew Point	1329615	33699	36.4	10.565	926		36.3					93

USAFETAC FORM 0-26-5 (OL A) REVISED PRE... ONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-76 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
66/ 65			.1				.3											4	4		
64/ 63		.2																2	5		
62/ 61		.4																4	4	3	1
60/ 59	.3	1.2	.4	.6														24	24	8	9
58/ 57	.9	.6	.5	.1														20	20	22	15
56/ 55	.1	1.8	.4		.8	.1												30	30	12	9
54/ 53	.4	1.9	1.2	1.1														43	43	42	29
52/ 5'	.3	2.2	1.4	.3	.2	.1												42	42	19	25
50/ 49	.6	4.0	1.5	.9	.3	.4												72	72	48	29
48/ 47	.4	4.2	1.4	.9	.4	.1												69	69	67	42
46/ 45	.2	2.9	1.3	1.9	.4	.3												69	69	58	57
44/ 43	.9	2.6	1.7	.5	1.0													62	62	59	53
42/ 41		3.3	1.7	.5														52	52	59	38
40/ 39	.5	3.0	1.5	.4														51	51	80	56
38/ 37	1.1	4.3	2.0	1.6														84	84	63	51
36/ 35	.6	3.6	1.6	.3	.1													58	58	74	69
34/ 33	.5	4.3	2.2	.1														66	66	70	55
32/ 31	.5	4.4	2.3															67	67	68	89
30/ 29	.2	3.3	1.1	.3														46	46	64	45
28/ 27	.5	2.3	.6	.1														33	33	55	58
26/ 25	.6	1.2	.2															19	19	29	66
24/ 23		.6																6	6	17	51
22/ 21		.3																3	3	7	40
20/ 19		.1																1	1	2	14
18/ 17																				1	5
16/ 15																					4
14/ 13																					8
12/ 11																					9
TOTAL	9.0	53.0	23.6	9.8	3.2	1.1	.3											927	930	927	927

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.	6145110	74446	80.3	13.408	927							
Dry Bulb	1706528	38896	41.8	9.266	930		17.5					93
Wet Bulb	1504315	36409	39.3	8.958	927		24.4					93
Dew Point	1289545	33209	35.8	10.385	927		39.0					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

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-78 YEARS | OCT 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
80/ 79							.0					.1						6	6		
78/ 77						.0					.0							3	3		
76/ 75					.0	.0				.0	.0							5	5		
74/ 73				.0	.0		.0		.0									6	6		
72/ 71				.0		.0	.0	.0	.0									8	8		
70/ 69			.0	.0	.0	.1	.1	.0	.0									21	21		
68/ 67			.1	.1	.1	.1	.1	.1	.0									40	40	9	
66/ 65		.1	.1	.1	.1	.2	.1	.1	.0	.0								67	69	9	
64/ 63	.0	.4	.2	.2	.2	.2	.1	.1	.2	.1								123	131	20	18
62/ 61	.2	.4	.2	.2	.1	.2	.2	.2	.1	.0								136	141	60	51
60/ 59	.2	.8	.4	.4	.4	.2	.2	.1	.0	.0								216	216	91	51
58/ 57	.3	.8	.5	.5	.5	.2	.1	.1	.0									222	222	163	83
56/ 55	.1	1.4	.5	.5	.6	.2	.1	.0										262	262	154	110
54/ 53	.6	1.6	.6	1.0	.4	.4	.3	.1										360	360	304	207
52/ 51	.4	1.7	1.1	.4	.5	.4	.2	.0	.0									356	356	284	225
50/ 49	.4	2.5	1.3	.9	.6	.5	.1	.1										468	468	391	235
48/ 47	.3	2.4	1.3	1.1	.7	.1	.1	.0										447	447	426	277
46/ 45	.5	3.3	1.8	1.5	.5	.3	.0	.0										589	589	450	410
44/ 43	.7	2.7	1.9	1.2	.5	.0	.0											522	522	548	439
42/ 41	.2	2.7	1.6	1.2	.3	.1												450	450	541	346
40/ 39	.5	3.5	1.9	1.2	.2	.0												550	550	605	435
38/ 37	.6	3.5	2.0	1.1	.0													538	538	572	455
36/ 35	.5	2.7	1.8	.4	.1													408	408	545	534
34/ 33	.6	3.2	1.4	.2	.0													398	398	553	492
32/ 31	.5	4.0	1.6	.1	.0													466	466	482	608
30/ 29	.4	2.9	.7	.1														305	305	474	488
28/ 27	.3	1.8	.5	.1														194	194	314	493
26/ 25	.1	1.1	.2															109	109	173	489
24/ 23	.0	.9	.1															70	70	130	331
22/ 21	.1	.5																40	40	62	254
20/ 19	.1	.1																18	18	39	149
18/ 17	.1	.1																13	13	14	86
16/ 15		.0																3	3	6	54
14/ 13	.0	.0																2	2	2	51

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.												
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

94836 STATION — K I SAWYER AFB MI STATION NAME — 69-76 YEARS — OCT MONTH

ALL 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
12/ 11		.0																1	1	1	42
10/ 9																					7
8/ 7																					2
TOTAL	7.	745.	421.	812.	5.	9	3.2	1.8	1.0	.4	.1	.0	.1					7422	7437	7422	7422

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.	45718740	569976	76.8	16.198	7422							
Dry Bulb	14805652	322776	43.4	10.351	7437		122.1	8.9	2.0	.2		744
Wet Bulb	12576161	297623	40.1	9.297	7422		170.1	.9				744
Dew Point	10384027	266613	35.9	10.427	7422		306.1					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

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (YEARS) NOV (MONTH)

PAGE 1 0000-0200 (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		.1																1	1		
54/ 53	.1	.7																7	7	5	5
52/ 51	.2	.4	.2		.3													11	11	6	5
50/ 49		1.0																9	9	7	4
48/ 47	.1	1.3	.4			.2												19	19	11	11
46/ 45	.6	.8	.1			.1												14	14	18	19
44/ 43	.3	.7	.8	.2														18	18	15	8
42/ 41	.4	2.0	.1	.7	.3													32	32	17	12
40/ 39	.4	1.8	.7		.2													28	28	28	21
38/ 37	.4	2.2	.7	.3	.1													34	34	29	22
36/ 35	.9	3.6	1.4	.7														59	59	38	21
34/ 33	.8	5.8	.8	.2														68	68	60	32
32/ 31	.9	6.1	1.3	.4														79	79	79	50
30/ 29	1.1	6.8	2.4	.4														97	97	81	65
28/ 27	1.0	6.6	2.1	.1														88	88	88	57
26/ 25	.8	6.4	1.2															76	76	87	78
24/ 23	.6	4.3	.3															47	47	78	55
22/ 21	.7	4.1	1.0															52	52	53	62
20/ 19	.4	3.3	.3															37	37	52	65
18/ 17	.2	3.2	.1															32	32	34	69
16/ 15	.2	2.8																27	27	36	55
14/ 13	.3	1.7																18	18	23	42
12/ 11	.4	.4																8	8	12	38
10/ 9	.9	.9																16	16	14	28
8/ 7	.6	.7																11	11	13	24
6/ 5		.7																6	6	9	17
4/ 3		.2																2	2	1	15
2/ 1		.1																1	1	3	9
0/ -1																					3
-2/ -3		.2																2	2		1
-4/ -5		.1																1	1	3	
-8/ -9																					1
-10/-11																					2
-12/-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

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-76 YEARS | NOV 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
+16/-17																				3
TOTAL	12.	469.	014.	1.	3.	1.	0	.	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	≥ 95 F	Total
Rel. Hum.	5840244	71696	79.7	11.969	900							
Dry Bulb	843570	26082	29.0	9.878	900	.3	60.0					90
Wet Bulb	753410	24558	27.3	9.626	900	.3	66.6					90
Dew Point	599619	20939	23.3	11.184	900	1.1	74.0					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

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (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
56/ 55		.1																1	1		
54/ 53		.7																6	6	2	2
52/ 51	.2	.4																6	6	10	10
50/ 49	.1	.1																2	2	3	2
48/ 47	.3	1.0		.4														16	16	9	8
46/ 45	.9	1.1	.2		.1	.1												22	22	15	16
44/ 43	.3	1.2	.6															19	19	13	11
42/ 41		2.4	.2	.3														27	27	20	8
40/ 39	.6	2.0	.3		.1													27	27	31	21
38/ 37	.4	2.1	.8															30	30	28	17
36/ 35	.6	4.2	1.1	.3														56	56	32	37
34/ 33	.9	6.2	1.6															78	78	50	29
32/ 31	.4	6.2	1.2															71	71	88	33
30/ 29	1.2	5.8	1.0	.1														73	73	75	82
28/ 27	.9	8.2	2.1	.1														102	102	80	58
26/ 25	1.1	6.3	1.9															84	84	89	64
24/ 23	.4	4.4	.3															47	47	79	64
22/ 21	.3	3.6	.7															41	41	60	42
20/ 19	1.9	4.0	.6															58	58	52	77
18/ 17	.8	3.3																37	37	49	69
16/ 15	.2	3.1																30	30	30	62
14/ 13	.1	1.6																15	15	28	47
12/ 11	.3	.6																8	8	10	37
10/ 9	.9	.9																16	16	18	27
8/ 7	.6	.4																9	9	7	27
6/ 5	.1	.6																6	6	9	12
4/ 3	.3	.4																7	7	4	12
2/ 1		.2																2	2	5	12
0/ -1	.1	.1																2	2	1	4
-2/ -3		.1																1	1	2	1
-4/ -5		.1																1	1	1	
-8/ -9																					3
-10/-11																					2
-12/-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

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-78 YEARS | NOV 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	O.B./W.B.	Dry Bulb - Wet Bulb	Dew Point
-14/-15																				2
-16/-17																				1
TOTAL	14.	17	1.	7	12.	6	1.	3	.2	.1								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.	5994081	72761	80.8	11.146	900							
Dry Bulb	803456	25412	28.2	9.777	900	.4	61.0					90
Wet Bulb	726677	24069	26.7	9.608	900	.4	68.7					90
Dew Point	586095	20657	23.0	11.160	900	1.4	73.9					90

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 79-79 YEARS | NOV MONTH

0600-0800 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	Wet Bulb	Dew Point
54/ 53		.7																6	6	2	
52/ 51	.3	.3																6	6	7	8
50/ 49	.3	.2																5	5	7	8
48/ 47		.9																8	8	5	5
46/ 45	.8	1.8	.1															24	24	19	17
44/ 43		.8	.6	.2														14	14	9	6
42/ 41	.1	2.1	.2	.2														24	24	15	11
40/ 39	.6	2.7	.6	.2	.1													37	37	29	18
38/ 37	.6	1.9	.8															29	29	33	25
36/ 35	1.2	2.8	.3	.1														40	40	34	25
34/ 33	.4	7.6	1.2	.2														85	85	48	33
32/ 31	1.0	4.9	1.7															68	68	41	24
30/ 29	1.6	5.8	1.4															79	79	65	56
28/ 27	1.7	6.8	1.9	.1														94	94	89	67
26/ 25	.3	6.4	1.0															70	70	70	59
24/ 23	.1	4.3	.7															46	46	72	47
22/ 21	.4	5.6	.3															57	57	63	59
20/ 19	1.2	3.6	.9															51	51	59	70
18/ 17	1.1	4.9																54	54	56	61
16/ 15	.1	3.1																29	29	39	68
14/ 13	.6	1.9																22	22	23	50
12/ 11	.3	.9																11	11	18	41
10/ 9	.6	.3																8	8	12	30
8/ 7	.1	.2																3	3	3	27
6/ 5	.3	.7																9	9	8	14
4/ 3	.9																	8	8	11	11
2/ 1	.3	.2																5	5	5	7
0/ -1	.2																	2	2	2	10
-2/ -3	.2	.3																5	5	3	3
-4/ -5		.1																1	1	2	
-6/ -7																				1	1
-8/ -9																					1
-10/-11																					2
-12/-13																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (YEARS) NOV (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 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			
-14/-15																				2
-16/-17																				2
TOTAL	15.4	71.7	11.7	1.1	.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.	6070279	73297	81.4	10.594	900							
Dry Bulb	773964	24900	27.7	10.009	900	.8	62.2					90
Wet Bulb	708207	23637	26.3	9.861	900	.8	69.2					90
Dew Point	576324	20344	22.6	11.382	900	2.3	74.4					90

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

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 49-76 (YEARS) NOV (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				
62/ 61			.1															1	1		
60/ 59								.1										1	1		
58/ 57																				1	
56/ 55		.4							.1									5	5		
54/ 53		.6		.2	.1		.1											9	9	5	1
52/ 51		.3		.1														4	4	6	10
50/ 49	.2	.6	.2	.3	.2													14	14	5	5
48/ 47	.4	1.1	.1				.1											16	16	14	9
46/ 45	.2	1.3	.4	.4	.3	.1												26	26	16	13
44/ 43	.1	1.3	1.2	.4	.1													29	29	18	8
42/ 41	.2	2.2	.7	.1	.1													30	30	28	13
40/ 39	.4	2.7	1.2	.2														41	41	37	23
38/ 37	.4	3.0	1.4	.4														48	48	47	39
36/ 35	1.1	4.0	1.4	.2														61	61	43	30
34/ 33	.3	5.6	3.0	.3														83	83	57	42
32/ 31	.4	6.2	1.7	.3														78	78	91	55
30/ 29	.4	4.5	1.7															59	59	78	57
28/ 27	.9	7.7	1.6	.1														92	92	69	67
26/ 25	.4	6.5	1.3															74	74	86	70
24/ 23	.2	3.0	1.6															43	43	64	46
22/ 21	.3	3.1	.8															38	38	59	84
20/ 19	.7	3.8	.2															42	43	44	56
18/ 17	.3	3.5	.1															35	35	39	47
16/ 15	.2	3.2																31	31	33	56
14/ 13	.1	.9																9	9	26	35
12/ 11	.2	.8																9	9	7	36
10/ 9	.1	.2																3	3	7	37
8/ 7	.1	.3																4	4	3	24
6/ 5		.1																1	1	2	11
4/ 3	.1	.2																3	3	3	7
2/ 1	.3	.3																6	6	5	3
0/ -1		.2																2	2	2	4
-2/ -3																				2	2
-4/ -5		.1																1	1	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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-75 YEARS | NOV MONTH

PAGE 2 | 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/ -7																					1
-10/-11																					1
-12/-13																					3
-14/-15																					1
-16/-17																					2
TOTAL	.8	.667	.316	.8	.3	.3	.9	.1	.2	.1	.1							898	899	898	

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.	5640370	70362	78.4	11.909	898							
Dry Bulb	915680	27256	30.3	9.974	899	.3	53.2					90
Wet Bulb	806971	25511	28.4	9.575	898	.5	62.2					90
Dew Point	634271	21701	24.2	11.066	898	1.4	70.7					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

94836 STATION — K I SAWYER AFB MI STATION NAME — 9-78 YEARS — NOV MONTH

 1200-1400 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
68/ 67						.1		.1		.1								3	3		
66/ 65						.1		.1	.1		.1							4	4		
64/ 63							.1		.1									2	2		
62/ 61			.1	.1		.1				.1								4	4		
60/ 59					.2	.1												3	3		
58/ 57		.2	.1			.1		.1	.1		.1							7	7	3	
56/ 55		.4			.1	.2	.2											9	9	5	
54/ 53	.1	.1	.2	.2		.4	.2	.1		.1								14	14	5	7
52/ 51	.4	.3	.3	.6	.3	.3	.3	.1	.1									26	26	13	9
50/ 49	.1	1.1	.1	.9	.3		.2	.1										26	26	12	5
48/ 47		1.3	.3	.6	.4	.1												25	25	19	16
46/ 45		1.0	.7	1.0	.4	.2												30	30	28	11
44/ 43		.8	.4	.6	.7	.2												24	24	22	10
42/ 41	.4	2.2	1.0	.8	.6													45	45	38	20
40/ 39		2.1	2.1	.8	.3	.1												49	49	37	27
38/ 37	.4	2.9	1.9	.9	.3													58	58	55	21
36/ 35	.3	2.2	3.8	1.6	.1													72	72	62	49
34/ 33	.1	3.0	3.8	1.1														72	73	56	41
32/ 31	.6	2.6	3.5	.4	.2													65	65	83	46
30/ 29	.7	4.9	4.2	.2														90	91	82	63
28/ 27	.1	4.8	3.7	.3														80	80	87	49
26/ 25		4.8	1.8	.2														61	61	79	74
24/ 23		1.8	1.3															28	28	70	54
22/ 21		1.8	1.6															30	31	32	73
20/ 19		1.9	.6															22	24	34	86
18/ 17		2.2	.9															28	28	29	49
16/ 15		.9	.1															9	9	22	42
14/ 13		.1																1	1	12	33
12/ 11		.1																1	1	2	18
10/ 9		.1	.1															2	2	1	39
8/ 7		.3	.1															4	4	1	27
6/ 5		.1																1	1	5	4
4/ 3																				1	9
2/ 1																					2

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) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | -9-7- YEARS | NOV MONTH

 1200-1400 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
0/ -1																					3
-8/ -9																					2
-10/-11																					2
-12/-13																					2
TOTAL	3.	44.	45	2.8	10.3	4.1	2.2	1.1	.7	.4	.3	.2						895	900	895	895

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.	4658601	63083	70.5	15.409	895							
Dry Bulb	1154261	30851	44.3	10.373	900		42.6	.3				90
Wet Bulb	941989	27825	31.1	9.276	895		54.3					90
Dew Point	670965	22435	25.1	11.021	895	.9	68.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | NOV MONTH

 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				
70/ 69								.1										1	1		
68/ 67						.2	.2		.1	.2								7	7		
66/ 65					.1			.2	.2									5	5		
64/ 63							.1	.2										3	3		
60/ 59		.1			.2	.2												5	5		
58/ 57		.1	.1		.1			.1	.1		.1							6	6	5	
56/ 55		.7				.4	.4	.1	.2	.1								18	18	5	3
54/ 53	.4	.3	.1	.1		.8	.3											19	19	10	8
52/ 51		.3		.4	.4	.1			.1									13	13	10	8
50/ 49		1.6		.7	.2	.2	.1		.1									26	26	15	
48/ 47	.1	.4	.2	.1	.1		.1	.1										11	11	15	17
46/ 45	.4	1.3	[illegible]	.9	.9	.4												40	40	25	10
44/ 43	.2	1.7	.9	.7	.8	.1												39	39	34	15
42/ 41	.3	1.7	1.2	1.5	.8	.2												51	51	30	19
40/ 39	.1	1.7	1.2	1.0	.1	.3												40	40	43	22
38/ 37	.6	3.1	1.9	1.3	.3	.1												66	66	53	31
36/ 35	.7	1.7	3.3	.6	.1													57	58	65	37
34/ 33	.3	2.1	3.1	1.9	.1													68	68	52	56
32/ 31	.7	3.3	2.9	.9														70	70	85	35
30/ 29	.4	3.3	3.1	.3														65	65	78	58
28/ 27	.3	5.2	3.3	.9														88	88	67	74
26/ 25	.2	4.0	2.7	.2														64	64	80	62
24/ 23		1.5	2.3															34	34	72	39
22/ 21		1.8	1.5															29	29	41	71
20/ 19	.2	1.6	1.0															25	25	38	73
18/ 17		1.5	.3															16	16	21	52
16/ 15		1.3	.3															15	15	23	55
14/ 13		.8																7	7	13	30
12/ 11		.1																1	1	8	23
10/ 9		.1	.2															3	3	1	26
8/ 7		.2	.1															3	3	1	32
6/ 5		.1																1	1	5	17
4/ 3																				1	4
2/ 1																					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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 69-78 YEARS | NOV 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																					2
-6/ -9																					1
-10/-11																					2
-12/-13																					3
TOTAL	5.	141.	730.	511.	5	4.4	3.2	1.3	.9	.9	.3	.1							897		896
																		896		896	

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.	4563447	62177	69.4	16.671	896							
Dry Bulb	1176549	30985	34.5	10.889	897		42.2	.8				90
Wet Bulb	951906	27900	31.1	9.638	896		53.6					90
Dew Point	667135	22189	24.8	11.465	896	1.3	67.3					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

94836 STATION | K I SAWYER AFB MI STATION NAME | 59-78 YEARS | NOV 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					.1			.1										2	2		
60/ 59				.1														1	1		
58/ 57		.2		.1	.1		.6											9	9	1	
56/ 55		.1					.2											3	3	3	3
54/ 53		.3																3	3	4	3
52/ 51	.1	.7		.2	.1	.1		.1										12	12	5	4
50/ 49	.3	1.1	.1		.1	.2	.1											18	18	8	7
48/ 47		.8		.8	.2	.1												17	17	13	11
46/ 45	.2	1.2	.2	.4	.1		.1											21	21	18	10
44/ 43		1.8	.4	.4	.2	.2												28	28	17	9
42/ 41	.1	2.7	1.6	.4	.1	.1												45	45	33	20
40/ 39	.4	1.2	1.6	.8	.2													38	38	41	25
38/ 37	1.0	3.2	.7	.9	.2													54	54	43	17
36/ 35	.9	3.1	1.9	.8														60	60	54	37
34/ 33	.3	3.3	3.3		.3													66	66	51	52
32/ 31	.7	4.5	4.2	.9														92	92	70	50
30/ 29	.6	4.2	3.3	.3														76	76	91	42
28/ 27	.9	5.2	2.2	.2														77	77	75	64
26/ 25		4.9	1.3	.3														59	59	37	67
24/ 23		4.4	1.5															52	52	77	50
22/ 21	.3	3.3	1.8															49	49	51	57
20/ 19	.6	2.9	1.0															40	40	42	82
18/ 17	.1	1.0	.2															12	12	41	70
16/ 15	.1	2.6																24	24	15	54
14/ 13		1.3																12	12	22	31
12/ 11	.1	.9																9	9	11	26
10/ 9	.2	.6																7	7	11	30
8/ 7		.3																3	3	4	33
6/ 5		.1																1	1	2	14
4/ 3		.2																2	2		11
2/ 1		.3																3	3	2	2
0/ -1		.1																1	1	3	4
-2/ -3																				1	4
-4/ -5																					1

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 79-7e YEARS | NOV MONTH

PAGE 2 | 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			
-12/-13																				2
-14/-15																				4
TOTAL	7.0	56.8	25.4	6.8	1.9	.8	1.0	.2										896		896
																	896		896	

Element (%)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5216565	67189	75.0	14.111	896							
Dry Bulb	965811	28023	31.3	9.993	896	.1	52.1					90
Wet Bulb	826934	25874	28.9	9.440	896	.4	60.8					90
Dew Point	623054	21378	23.9	11.236	896	1.5	70.1					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

94836 STATION | K I SAWYER AFB MI STATION NAME | 79-79 YEARS | NOV MONTH

PAGE 1 | 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				
58/ 57				.1			.1											2	2		
56/ 55		.3		.1			.1											5	5	3	2
54/ 53		.6		.1		.1												7	7	3	4
52/ 51		.4																4	4	5	2
50/ 49	.1	.8					.1											9	9	5	5
48/ 47	.2	.7				.1	.2											11	11	9	9
46/ 45	.3	.9	.3	.2														16	16	12	12
44/ 43	.3	1.3	.2	.7		.1												24	24	12	7
42/ 41	.4	1.4	.7	.6	.1	.1												30	30	27	20
40/ 39	.3	2.7	.6	.4	.3													39	39	27	18
38/ 37	.9	2.7	1.1	.4														46	46	38	21
36/ 35	1.0	2.7	1.2	.2														46	46	47	29
34/ 33	.8	6.0	1.6	.8	.1													83	83	50	36
32/ 31	1.0	5.0	3.8	.2														90	90	84	47
30/ 29	.9	5.4	2.8	.7														87	87	82	47
28/ 27	1.6	5.9	2.2															82	82	98	77
26/ 25	.2	5.5	1.6															65	65	73	57
24/ 23		4.3	.7															45	45	75	74
22/ 21	.8	4.5	.6															52	52	56	51
20/ 19	1.0	3.0	.8															43	43	47	73
18/ 17	.4	3.0																31	31	47	70
16/ 15	.1	2.7																25	25	25	60
14/ 13	.2	1.3																14	14	20	44
12/ 11	.3	1.2																14	14	17	32
10/ 9	.4	.6																9	9	16	23
8/ 7	.4	.6																9	9	7	29
6/ 5		.2																2	2	4	16
4/ 3		.1																1	1	1	18
2/ 1		.3																3	3	2	2
0/ -1		.1																1	1	2	3
-2/ -3		.2																2	2	3	
-8/ -9																					2
-10/-11																					2
-12/-13																					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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 79-78 YEARS | NOV MONTH

PAGE 2 | 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				
-14/-15																					3
-16/-17																					1
TOTAL	11.	46	64.	41	8.1	4.6	.0	.4	.6									897	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	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5619548	70080	78.1	12.695	897							
Dry Bulb	860431	26381	29.4	9.715	897	.3	57.7					90
Wet Bulb	758796	24700	27.5	9.369	897	.5	56.1					90
Dew Point	589527	20775	23.2	10.998	897	1.2	73.4					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

94836 STATION — K I SAWYER AFB MI STATION NAME — 49-76 YEARS — NOV MONTH

ALL 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				
70/ 69								.0										1	1		
68/ 67						.0	.0	.0	.0	.0								10	10		
66/ 65					.0	.0		.0	.0		.0							9	9		
64/ 63							.0	.0	.0									5	5		
62/ 61			.0	.0	.0	.0		.0		.0								7	7		
60/ 59		.0		.0	.1	.0		.0										10	10		
58/ 57		.1	.0	.0	.0	.0	.1	.0	.0		.0							24	24	10	
56/ 55		.3		.0	.0	.1	.1	.0	.0	.0								42	42	16	8
54/ 53	.1	.5	.0	.1	.0	.2	.1	.0		.0								71	71	36	30
52/ 51	.2	.4	.1	.2	.2	.1	.0	.0	.0									82	82	62	56
50/ 49	.2	.8	.1	.2	.1	.1	.1	.0	.0									109	109	62	36
48/ 47	.2	.9	.1	.2	.1	.1	.1	.0										123	123	95	86
46/ 45	.4	1.2	.3	.4	.2	.1	.0											193	193	151	108
44/ 43	.2	1.2	.6	.4	.2	.1												195	195	140	74
42/ 41	.3	2.1	.7	.6	.3	.1												284	284	208	123
40/ 39	.4	2.1	1.0	.4	.2	.1												299	299	273	175
38/ 37	.6	2.6	1.2	.5	.1	.0												365	365	326	193
36/ 35	.8	3.0	1.8	.6	.0													451	452	375	265
34/ 33	.5	5.0	2.3	.6	.1													603	604	424	321
32/ 31	.7	4.9	2.5	.4	.0													613	613	671	372
30/ 29	.9	5.1	2.5	.3														626	627	632	470
28/ 27	.8	6.3	2.4	.2														703	703	653	513
26/ 25	.4	5.6	1.6	.1														553	553	651	531
24/ 23	.2	3.5	1.1															342	342	587	429
22/ 21	.4	3.5	1.0															348	349	415	499
20/ 19	.8	3.0	.7															318	321	368	582
18/ 17	.4	2.8	.2															245	245	316	487
16/ 15	.1	2.5	.1															190	190	223	452
14/ 13	.2	1.2																98	98	167	312
12/ 11	.2	.6																61	61	85	251
10/ 9	.4	.5	.0															64	64	80	240
8/ 7	.2	.4	.0															46	46	39	223
6/ 5	.1	.3																27	27	44	105
4/ 3	.2	.2																23	23	22	87

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 9-78 YEARS | NOV MONTH

PAGE 2 | ALL 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/ 1	.1	.2																20	20	22	43
0/ -1	.0	.1																8	8	10	36
-2/ -3	.0	.1																10	10	11	13
-4/ -5		.1																4	4	7	1
-6/ -7																				1	2
-8/ -9																					10
-10/-11																					13
-12/-13																					15
-14/-15																					12
-16/-17																					9
TOTAL	9.7	61.0	20.5	5.2	1.6	.9	.5	.2	.2	.1	.0							7182	7189	7182	7182

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.	43603135	550645	76.7	13.888	7182							
Dry Bulb	7498722	219890	30.6	10.370	7189	2.2	431.1	1.1				720
Wet Bulb	6474890	204074	28.4	9.704	7182	2.9	501.7					720
Dew Point	4946986	170418	23.7	11.215	7182	11.1	572.1					720

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

94836 STATION | K I SAWYER AFB HI STATION NAME | 78-77 YEARS | DEC MONTH

PAGE 1 | 0000-0200 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
42/ 41	.2	.1																3	3	2	2
40/ 39	.3																	3	3	4	4
36/ 35		.5	.2															7	7		
34/ 33	.2	2.4	.2															26	26	19	1
32/ 31	1.8	2.8	.3															46	46	43	34
30/ 29	.9	3.3																39	39	33	27
28/ 27	2.0	3.8	.6															60	60	54	35
26/ 25	1.6	5.5																68	68	59	32
24/ 23	.8	5.2	.6															61	61	56	51
22/ 21	.4	6.0	.4	.1														65	65	58	44
20/ 19	4.3	6.0																96	96	104	26
18/ 17	2.2	4.4																61	61	89	71
16/ 15	1.0	5.8																63	63	54	82
14/ 13	.8	3.9																43	43	48	85
12/ 11	1.6	4.1																53	53	49	71
10/ 9	2.7	2.7																50	50	56	55
8/ 7	1.0	2.6																33	33	34	55
6/ 5	.5	1.9																23	23	30	41
4/ 3	.9	1.5																22	22	22	24
2/ 1	.4	1.7																20	20	21	24
0/ -1	2.5	.4																27	27	30	18
-2/ -3	1.0	.2																11	11	14	19
-4/ -5	1.1	.2																12	12	12	25
-6/ -7	1.7																	16	16	17	13
-8/ -9	1.1																	10	10	10	19
-10/-11	.3																	3	3	3	14
-12/-13	.5																	5	5	5	12
-14/-15	.3																	3	3	3	18
-16/-17																					11
-18/-19																					6
-20/-21																					1
-22/-23																					1
-24/-25																					2
-26/-27																					6

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

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 4-8-77 (YEARS) DEC (MONTH)

PAGE 2 0000-0200 (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	32.	365.	1	2.5	.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.	5965845	73755	79.4	10.902	929							
Dry Bulb	377342	15824	17.0	10.778	929	8.7	89.1					93
Wet Bulb	345294	15002	16.1	10.537	929	9.4	90.5					93
Dew Point	270489	10821	11.6	12.476	929	16.5	92.3					93

USAFETAC FORM 0-26-5 (OL A) JUL 80 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 8-77 YEARS | DEC MONTH

PAGE 1 | 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
42/ 41		.1																1	1		
40/ 39	.5																	5	5	6	4
38/ 37																					2
36/ 35	.1	.9	.1															10	10	2	
34/ 33	.4	2.3	.1	.1														27	27	16	8
32/ 31	1.5	2.3	.1	.1														37	37	42	24
30/ 29	1.4	2.7	.2															40	40	33	30
28/ 27	1.7	4.8	.1															62	62	51	30
26/ 25	.6	4.5																48	48	43	30
24/ 23	.6	4.6	.4															53	53	55	40
22/ 21	.4	6.6	.4	.1														70	70	61	37
20/ 19	2.9	8.1																102	102	87	43
18/ 17	2.0	5.3																68	68	102	68
16/ 15	1.0	5.4																59	59	62	75
14/ 13	1.0	3.1																38	38	47	72
12/ 11	1.4	3.0																41	41	34	81
10/ 9	2.9	4.6																70	70	68	67
8/ 7	1.2	2.4																33	33	39	45
6/ 5	1.0	2.2																29	29	33	38
4/ 3	1.2	2.2																31	31	34	43
2/ 1	.3	1.9																21	21	23	25
0/ -1	2.2	.3																23	23	27	22
-2/ -3	.5	.3																8	8	9	21
-4/ -5	1.5	.2																16	16	18	12
-6/ -7	.6	.1																7	7	6	23
-8/ -9	1.6																	15	15	16	19
-10/-11	.3																	3	3	3	14
-12/-13	.9																	8	8	8	14
-14/-15	.2																	2	2	2	13
-16/-17	.3																	3	3	3	9
-18/-19																					5
-20/-21																					7
-24/-25																					4
-26/-27																					5

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) 84 JUN REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 8-77 (YEARS) DEC (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
TOTAL	30.	467.	7	1.5	.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.	5972755	73885	79.4	10.523	930							
Dry Bulb	363378	15314	16.5	10.941	930	8.5	88.7					93
Wet Bulb	332727	14501	15.6	10.713	930	9.2	90.6					93
Dew Point	260104	10348	11.1	12.492	930	16.8	91.6					93

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 68-77 YEARS | DEC MONTH

PAGE 1 | 0000-0800 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
40/ 39	.3	.1																4	4	4	3
38/ 37	.2	.3																5	5	3	1
36/ 35	.1	.8																8	8	7	5
34/ 33	.1	2.5	.1															25	25	14	6
32/ 31	1.2	2.7																36	36	31	26
30/ 29	1.1	3.0	.1	.3														42	42	46	23
28/ 27	1.3	4.2	.1															52	52	35	43
26/ 25	1.3	2.8																38	38	42	21
24/ 23	.5	3.3	.2															38	38	43	29
22/ 21	.8	9.7	.5															102	102	57	30
20/ 19	1.9	7.4																87	87	104	42
18/ 17	2.0	6.6																80	80	92	69
16/ 15	1.2	5.3																60	60	79	76
14/ 13	1.1	3.5																43	43	44	71
12/ 11	1.0	2.7																34	34	43	92
10/ 9	2.9	3.1																56	56	53	70
8/ 7	1.5	3.7																48	48	37	44
6/ 5	1.4	1.9																31	31	46	32
4/ 3	.9	2.0																27	27	23	39
2/ 1	.6	1.9																24	24	27	35
0/ -1	2.9	.2																29	29	37	21
-2/ -3	1.0	.3																12	12	14	10
-4/ -5	.6	.1																7	7	7	21
-6/ -7	1.0																	9	9	9	27
-8/ -9	.9																	8	8	8	20
-10/-11	.9																	8	8	8	13
-12/-13	.8																	7	7	7	11
-14/-15	.4																	4	4	4	10
-16/-17	.4																	4	4	4	5
-18/-19																					10
-20/-21	.2																	2	2	2	7
-22/-23																					2
-24/-25																					4
-26/-27																					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												

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

94836 STATION | K I SAWYER AFB MI STATION NAME | 8-77 YEARS | DEC MONTH

 0600-0800 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
-32/-33																					2
-34/-35																					1
TOTAL	30.	46	8.2	1.1	.3													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.	5956896	73820	79.4	10.236	930							
Dry Bulb	354880	14982	16.1	11.054	930	9.0	88.8					93
Wet Bulb	324775	14179	15.2	10.812	930	10.0	90.2					93
Dew Point	256598	10022	10.8	12.647	930	17.3	91.5					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

94836 STATION | K I SAWYER AFB MI STATION NAME | 68-77 YEARS | DEC 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
44/ 43		.2																2	2		
42/ 41																				2	1
40/ 39	.1	.2																3	3	3	2
38/ 37	.5	.3		.2														10	10	6	6
36/ 35	.1	.3																4	4	4	3
34/ 33	.8	2.2	.1															28	28	18	8
32/ 31	.5	3.0	.1		.1													35	35	30	18
30/ 29	2.0	2.6	.2	.1														46	46	44	32
28/ 27	1.8	3.8	.3	.2														57	57	46	35
26/ 25	1.2	3.0	.2															41	41	40	23
24/ 23	.2	4.5	.1															45	45	44	39
22/ 21	.6	8.5	.1															86	86	70	34
20/ 19	2.7	8.8																107	107	99	28
18/ 17	2.2	8.1																95	95	109	78
16/ 15	1.3	5.0																58	58	83	96
14/ 13	1.0	3.1																38	38	45	78
12/ 11	2.2	2.8																46	46	40	85
10/ 9	2.2	3.8																55	55	52	80
8/ 7	1.3	2.6																36	36	39	40
6/ 5		2.8																26	26	28	34
4/ 3	.9	1.8																25	25	33	33
2/ 1	.3	2.2																23	23	23	17
0/ -1	1.8	.3																20	20	25	27
-2/ -3	.8	.2																9	9	11	22
-4/ -5	.3	.1																4	4	4	12
-6/ -7	1.1	.1																11	11	12	23
-8/ -9	1.0																	9	9	9	16
-10/-11	.5																	5	5	5	16
-12/-13	.3																	3	3	3	10
-14/-15																					5
-16/-17	.1																	1	1	1	8
-18/-19																					10
-20/-21																					3
-22/-23	.1																	1	1	1	2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 73-77 YEARS | DEC 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
-24/-25																					1
-26/-27																					2
-28/-29																					1
-36/-37																					1
TOTAL	27.9	70.3	1.[illegible]	.5	.1													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.	5888991	73269	78.9	10.905	929							
Dry Bulb	376472	16072	17.3	10.298	929	6.3	88.3					93
Wet Bulb	343181	15199	16.4	10.092	929	7.1	89.7					93
Dew Point	263125	10921	11.8	12.050	929	15.9	91.0					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

94836 STATION | K I SAWYER AFB MI STATION NAME | 68-77 YEARS | DEC 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
44/ 43		.1																1	1		
42/ 41		.2																2	2	3	
40/ 39		.2			.3													5	5		3
38/ 37	.4	.1	.4															9	9	7	3
36/ 35	.5	.9			.2													15	15	9	8
34/ 33	.4	2.6	1.3	.3														43	43	18	8
32/ 31	1.0	4.7	1.0	.3														65	65	50	22
30/ 29	.6	3.6	1.3	.2														53	53	56	33
28/ 27	1.2	3.0	1.4															52	52	60	35
26/ 25	.3	4.8	1.6															63	63	41	43
24/ 23	.1	7.9	1.2															85	85	73	29
22/ 21	.3	10.5	1.3															113	113	107	45
20/ 19	1.7	8.3	.9															101	101	107	60
18/ 17	.8	6.8	.2															72	72	108	78
16/ 15	.6	6.4	.2															67	67	69	97
14/ 13	.4	3.0	.6															38	38	56	101
12/ 11	.4	3.1	.1															34	34	30	79
10/ 9	.3	3.9	.3															42	42	37	67
8/ 7		2.5	.1															24	24	32	41
6/ 5		1.2																11	11	22	36
4/ 3		1.5																14	14	14	18
2/ 1		.8																7	7	11	16
0/ -1	.4	.3																7	7	10	12
-2/ -3		.3																3	3	5	20
-4/ -5		.2																2	2	1	12
-6/ -7		.1																1	1	3	26
-8/ -9																					12
-10/-11																					11
-12/-13																					1
-14/-15																					3
-16/-17																					4
-18/-19																					3
-20/-21																					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

94836 STATION | K I SAWYER AFB MI STATION NAME | 8-77 YEARS | DEC 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
TOTAL	9.	777.	0	11.	9	.	9	.	5									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.	5274798	69026	74.3	12.546	929							
Dry Bulb	477867	19583	21.1	8.373	929	1.3	85.5					93
Wet Bulb	417596	18148	19.5	8.244	929	1.9	89.3					93
Dew Point	286036	12958	13.9	10.652	929	10.7	90.8					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

94836 STATION — K I SAWYER AFB MI STATION NAME — 68-77 YEARS — DEC 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
44/ 43		.1	.2															3	3		
42/ 41																				2	
40/ 39	.4	.3		.2														9	9	5	3
38/ 37	.2	.1		.2	.2													7	7	5	5
36/ 35	.3	.9	.5	.2	.3													21	21	7	6
34/ 33	.9	2.7	.9	.3	.1													45	45	21	7
32/ 31	1.7	3.4	2.2	.2	.1													71	71	59	29
30/ 29	1.1	3.1	1.7	.2														57	57	52	31
28/ 27	.6	4.0	1.3	.2														57	57	58	37
26/ 25	.1	5.5	.2															54	54	56	40
24/ 23	.8	9.6	1.4															109	109	83	30
22/ 21	.8	9.2	1.7															109	109	109	46
20/ 19	1.2	6.5	1.0															80	80	94	84
18/ 17	1.0	6.8	1.3	.1														85	85	101	67
16/ 15	.5	5.4	.9															63	63	75	90
14/ 13	.2	2.6	.3															29	29	55	88
12/ 11		2.7	.1															26	26	22	81
10/ 9	.2	3.7	.3															39	39	30	66
8/ 7		2.7																25	25	33	32
6/ 5		1.7																16	16	24	38
4/ 3		1.3																12	12	16	22
2/ 1		.4																4	4	11	21
0/ -1	.1	.2																3	3	5	11
-2/ -3		.3																3	3	4	17
-4/ -5																					17
-6/ -7	.1																	1	1	1	25
-8/ -9	.2																	2	2	2	11
-10/-11																					9
-12/-13																					5
-14/-15																					3
-16/-17																					3
-18/-19																					2
-20/-21																					3
-22/-23																					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

94836 STATION | K I SAWYER AFB MI STATION NAME | 8-77 YEARS | DEC MONTH

PAGE 2 | 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	10.4	73.1	14.0	1.7	.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.	5125446	67890	73.0	13.507	930							
Dry Bulb	502451	20183	21.7	8.328	930	.9	84.5					93
Wet Bulb	434848	18606	20.0	8.209	930	1.2	89.0					93
Dew Point	293620	13088	14.1	10.853	930	10.7	90.9					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

94836 STATION | K I SAWYER AFB MI STATION NAME | 68-77 YEARS | DEC 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
42/ 41			.1															1	1		
40/ 39	.6	.1																7	7	7	6
38/ 37		.2	.1															3	3	1	
36/ 35	.2	.8	.1	.3														13	13	6	2
34/ 33	.5	2.2		.1	.1													27	27	21	8
32/ 31	1.6	4.1		.1														54	54	46	31
30/ 29	1.1	3.7	.6	.1														51	51	39	30
28/ 27	1.3	3.7	1.3															58	58	52	35
26/ 25	.3	4.8	.1															49	49	49	34
24/ 23	1.4	7.4	.4	.1														87	87	82	27
22/ 21	.9	9.6	.2															99	99	71	56
20/ 19	1.7	7.2	.2															85	85	106	63
18/ 17	1.9	6.2	.1															77	77	104	78
16/ 15	.1	7.3	.1															70	70	56	71
14/ 13	.8	3.9	.2															45	45	60	87
12/ 11	.5	3.2																35	35	48	75
10/ 9	.9	3.3																39	39	34	66
8/ 7	.6	2.4																28	28	31	51
6/ 5	.4	1.5																18	18	22	34
4/ 3	.2	1.7																18	18	19	18
2/ 1	.1	2.2																21	21	18	35
0/ -1	1.9																	18	18	31	15
-2/ -3	1.1	.2																12	12	11	14
-4/ -5	.1	.1																2	2	3	11
-6/ -7	.4																	4	4	4	19
-8/ -9	.5																	5	5	5	23
-10/-11	.3																	3	3	3	12
-12/-13	.1																	1	1	1	7
-14/-15																					11
-16/-17																					4
-18/-19																					2
-20/-21																					1
-22/-23																					1
-24/-25																					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												

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

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 8-77 (YEARS) DEC (MONTH)

PAGE 2 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	19.	875.	7	3.7	.8	.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.	5698771	72041	77.5	11.281	930							
Dry Bulb	424646	17754	19.1	9.606	930	4.5	87.9					93
Wet Bulb	381649	16689	17.9	9.404	930	5.8	89.5					93
Dew Point	279485	12137	13.1	11.417	930	12.3	91.4					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

94836 STATION | K I SAWYER AFB MI STATION NAME | 8-77 YEARS | DEC MONTH

PAGE 1 | 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
42/ 41		.2																2	2		
40/ 39	.4																	4	4	6	6
38/ 37			.1															1	1		
36/ 35		.9	.5	.1														14	14		
34/ 33	.2	2.3	.1															24	24	20	2
32/ 31	1.8	2.5																40	40	44	34
30/ 29	1.0	3.4	.3															50	50	44	21
28/ 27	1.0	4.2	.8															61	61	45	41
26/ 25	.6	5.7	.2															61	61	47	34
24/ 23	1.1	6.1	.2															69	69	75	29
22/ 21	.9	6.3	.2															69	69	64	61
20/ 19	3.7	6.3	.3															96	96	98	48
18/ 17	2.3	5.4																71	71	94	76
16/ 15	.8	6.2																65	65	71	80
14/ 13	.4	4.6	.1															48	48	40	72
12/ 11	1.6	3.4																47	47	50	76
10/ 9	1.7	3.9																52	52	57	65
8/ 7	.8	2.0																26	26	30	48
6/ 5	.2	1.2																13	13	20	37
4/ 3	1.0	.9																17	17	20	28
2/ 1	.5	1.9																23	23	17	22
0/ -1	2.0	.2																21	21	30	20
-2/ -3	1.5	.1																15	15	17	17
-4/ -5	1.4	.3																16	16	16	8
-6/ -7	1.5																	14	14	14	17
-8/ -9	.2																	2	2	2	26
+10/-11	.5																	5	5	5	15
-12/-13																					21
+14/-15	.3																	3	3	3	6
+16/-17	.1																	1	1	1	3
+18/-19																					5
+22/-23																					1
+24/-25																					2
+26/-27																					7

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 67 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94834 (STATION) K I SAWYER AFB MI (STATION NAME) 8-77 (YEARS) DEC (MONTH)

PAGE 2 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb Dew Point.
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			
TOTAL	28.	868.	2	2.9	.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.	5899266	73374	78.9	10.896	930							
Dry Bulb	391900	16458	17.7	10.409	930	7.7	88.5					93
Wet Bulb	356731	15573	16.7	10.163	930	8.8	90.4					93
Dew Point	274489	11299	12.1	12.153	930	15.0	92.2					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

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 68-77 (YEARS) DEC (MONTH)

ALL 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
44/ 43		.1	.0															6	6		
42/ 41	.0	.1	.0															9	9	9	3
40/ 39	.3	.1		.0	.0													40	40	35	31
38/ 37	.2	.1	.1	.1	.0													35	35	22	17
36/ 35	.2	.7	.2	.1	.1													92	92	35	24
34/ 33	.4	2.4	.3	.1	.0													245	245	147	48
32/ 31	1.4	3.2	.5	.1	.0													384	384	345	218
30/ 29	1.2	3.2	.5	.1														378	378	347	227
28/ 27	1.5	3.9	.7	.1														459	459	401	291
26/ 25	.8	4.6	.3															422	422	377	257
24/ 23	.7	6.1	.6	.0														547	547	511	274
22/ 21	.6	8.3	.6	.0														713	713	597	353
20/ 19	2.5	7.3	.3															754	754	799	394
18/ 17	1.8	6.2	.2	.0														609	609	799	585
16/ 15	.8	5.8	.1															505	505	549	667
14/ 13	.7	3.5	.2															322	322	395	654
12/ 11	1.1	3.1	.0															316	316	316	640
10/ 9	1.7	3.6	.1															403	403	387	536
8/ 7	.8	2.6	.0															253	253	275	356
6/ 5	.4	1.8																167	167	225	290
4/ 3	.6	1.6																166	166	181	225
2/ 1	.3	1.6																143	143	151	195
0/ -1	1.7	.3																148	148	195	146
-2/ -3	.7	.3																73	73	85	146
-4/ -5	.6	.2																59	59	61	118
-6/ -7	.8	.0																63	63	66	173
-8/ -9	.7																	51	51	52	146
-10/-11	.4																	27	27	27	104
-12/-13	.3																	24	24	24	81
-14/-15	.2																	12	12	12	71
-16/-17	.1																	9	9	9	47
-18/-19																					43
-20/-21	.0																	2	2	2	25
-22/-23	.0																	1	1	1	8

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 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 78-77 YEARS | DEC MONTH

ALL 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
-24/-25																					16
-26/-27																					23
-28/-29																					1
-32/-33																					2
-34/-35																					1
-36/-37																					1
TOTAL	23.	770.	7	4.	8	.6	.2												7437	7437	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.	45782768	577060	77.6	11.636	7437							
Dry Bulb	3268938	136170	18.3	10.214	7437	46.9	701.3					744
Wet Bulb	2936801	127897	17.2	9.958	7437	53.4	719.2					744
Dew Point	2183946	91594	12.3	11.916	7437	115.2	731.7					744

USAFETAC FORM 0-25-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 68-78 YEARS | ALL MONTH

ALL 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
100/ 99												.0						2	2		
98/ 97											.0	.0						2	2		
96/ 95										.0	.0	.0						4	4		
94/ 93									.0	.0	.0	.0	.0	.0	.0	.0		19	19		
92/ 91								.0	.0	.0	.0	.0	.0		.0	.0		42	42		
90/ 89						.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			54	57		
88/ 87					.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			97	99		
86/ 85					.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			133	135		
84/ 83				.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0			266	268		
82/ 81				.0	.0	.0	.1	.1	.1	.1	.0	.0	.0					467	470		
80/ 79		.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0					608	610	4	
78/ 77		.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0						704	705	38	3
76/ 75	.0	.0	.0	.1	.2	.2	.2	.2	.1	.1	.0	.0	.0					945	946	87	11
74/ 73	.0	.0	.1	.2	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0				1051	1052	168	46
72/ 71	.0	.0	.2	.2	.2	.2	.2	.2	.1	.0	.0	.0	.0					1311	1313	375	115
70/ 69	.0	.1	.3	.2	.3	.3	.2	.2	.1	.0	.0	.0						1530	1532	675	238
68/ 67	.1	.3	.4	.2	.3	.2	.2	.2	.1	.0	.0	.0						1718	1722	1152	498
66/ 65	.1	.4	.4	.4	.3	.3	.2	.1	.1	.0	.0	.0						2048	2052	1629	889
64/ 63	.1	.7	.4	.5	.4	.3	.2	.2	.1	.0								2512	2527	1957	1301
62/ 61	.1	.7	.5	.5	.3	.2	.2	.1	.1	.0	.0							2345	2354	2177	1563
60/ 59	.1	.9	.5	.4	.4	.2	.1	.1	.0	.0								2411	2425	2645	1622
58/ 57	.2	1.0	.7	.5	.4	.2	.1	.1	.0	.0	.0							2685	2702	2890	2074
56/ 55	.1	1.2	.7	.5	.3	.2	.1	.1	.0	.0								2720	2738	2859	2506
54/ 53	.2	1.1	.7	.5	.2	.2	.1	.1	.0	.0								2717	2721	3194	2839
52/ 51	.2	1.1	.8	.3	.3	.1	.1	.1	.0									2642	2643	3061	2858
50/ 49	.2	1.1	.8	.4	.2	.2	.1	.0	.0									2507	2513	3104	2754
48/ 47	.2	1.3	.5	.4	.3	.1	.1	.0										2564	2566	2970	2920
46/ 45	.2	1.4	.6	.5	.3	.2	.1	.0										2833	2837	2848	3444
44/ 43	.1	1.0	.7	.4	.2	.1	.0											2285	2288	2643	2645
42/ 41	.1	1.1	.5	.4	.2	.1	.0											2061	2063	2403	2471
40/ 39	.2	1.1	.7	.4	.2	.0	.0											2348	2349	2718	2566
38/ 37	.3	1.1	.7	.4	.1	.0												2413	2415	2545	2328
36/ 35	.3	1.2	.8	.4	.1	.0												2414	2415	2575	2486
34/ 33	.3	1.7	.9	.3	.1	.0												2842	2847	2826	2209

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) 85 44 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 8-78 YEARS | ALL MONTH

 ALL 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	Wet Bulb	Dew Point
32/ 31	.4	2.1	1.0	.2	.0	.0												3342	3347	3491	2770
30/ 29	.5	2.1	.9	.2	.0													3212	3216	3679	3045
28/ 27	.6	2.2	.9	.2	.0													3359	3362	3269	3672
26/ 25	.3	2.2	.6	.1	.0													2734	2742	3084	3124
24/ 23	.2	1.9	.5	.1														2334	2337	3037	2462
22/ 21	.2	2.2	.4	.0														2513	2520	2601	2847
20/ 19	.6	2.1	.3	.0														2611	2518	2821	3018
18/ 17	.4	2.0	.3	.0														2292	2297	2710	2884
16/ 15	.2	1.9	.2															2048	2055	2229	2945
14/ 13	.2	1.4	.1															1518	1519	1856	2477
12/ 11	.3	1.3	.1															1474	1476	1576	2402
10/ 9	.4	1.5	.0															1674	1676	1657	2274
8/ 7	.2	1.2	.0															1242	1243	1346	1895
6/ 5	.1	.9	.0															857	857	1158	1405
4/ 3	.3	.8																958	958	968	1265
2/ 1	.1	.9																866	867	911	1240
0/ -1	.6	.2																682	682	957	1015
-2/ -3	.4	.2																525	526	590	913
-4/ -5	.3	.1																398	400	417	797
-6/ -7	.4	.0																354	355	398	869
-8/ -9	.4																	378	379	384	762
-10/-11	.3																	239	239	239	621
-12/-13	.1																	131	131	131	476
-14/-15	.2																	141	141	141	481
-16/-17	.1																	102	102	102	343
-18/-19	.1																	52	53	52	274
-20/-21	.0																	26	26	26	208
-22/-23	.0																	7	7	7	143
-24/-25	.0																	12	12	12	138
-26/-27																					133
-28/-29																					32
-30/-31																					27
-32/-33																					18
-34/-35																					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	≥ 89 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94836 STATION | K I SAWYER AFB MI STATION NAME | 68-78 YEARS | ALL MONTH

 ALL 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
-36/-37																					11
TOTAL	11.	45.7	17.0	8.9	5.6	4.0	3.0	2.1	1.3	.7	.3	.2	.0	.0	.0	.0		8757.			87393
																		87393			

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.	496964366	6396660	72.71	16.77	87393							
Dry Bulb	172597807	3407171	38.92	21.37	87576	304.8	3612.0	899.0	441.8	134.9	2.7	8760
Wet Bulb	141224435	3089963	35.41	19.136	87393	345.6	3988.7	251.4	29.8	.2		8760
Dew Point	115735926	2630750	30.12	20.449	87393	728.2	4705.5	91.6	6.0			8760

USAFETAC FORM 0-26-5 (OL A) JUL 64 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

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 68-76 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	9.8	11.9	20.0	31.5	43.0	51.9	57.8	56.4	48.7	40.4	29.0	17.0	34.9
	S D	12.610	12.142	11.313	9.732	10.394	8.310	7.613	7.746	9.149	9.468	9.878	10.778	19.393
	TOTAL OBS	928	846	930	899	930	900	929	928	900	930	900	929	10949
03-05	MEAN	8.9	10.8	18.5	30.1	41.1	50.0	55.8	54.4	47.5	39.1	28.2	16.5	33.5
	S D	12.779	12.466	11.899	10.062	9.956	8.378	7.657	7.785	9.369	9.426	9.777	10.941	19.155
	TOTAL OBS	930	846	930	900	929	900	926	926	899	929	900	930	10945
06-08	MEAN	8.4	10.2	17.5	31.0	43.9	53.5	58.5	56.0	47.5	38.6	27.7	16.1	34.2
	S D	12.759	12.618	12.336	10.075	10.122	8.195	7.183	7.385	9.103	9.321	10.009	11.054	20.129
	TOTAL OBS	928	845	929	900	930	898	930	927	900	930	900	930	10947
09-11	MEAN	9.9	13.2	23.6	38.2	52.5	62.1	67.5	65.7	54.9	43.7	30.3	17.3	40.0
	S D	12.028	11.244	9.838	10.685	12.291	9.313	7.335	7.503	8.333	8.959	9.974	10.298	22.325
	TOTAL OBS	929	846	930	900	930	899	930	929	900	930	899	929	10951
12-14	MEAN	15.0	19.0	28.5	42.3	56.6	66.0	71.5	70.6	59.9	49.1	3[illegible]3	21.1	44.6
	S D	10.075	9.873	9.464	12.353	13.695	10.529	8.304	8.651	9.583	10.236	10.3[illegible]3	8.373	22.296
	TOTAL OBS	930	845	930	900	930	900	927	928	900	930	900	929	10949
15-17	MEAN	16.2	20.4	29.7	42.6	57.1	65.8	71.8	71.0	60.3	49.6	34.5	21.7	45.2
	S D	10.119	9.986	9.536	12.415	13.904	10.802	8.782	9.157	10.110	10.447	10.839	8.328	22.125
	TOTAL OBS	928	846	929	900	930	900	929	929	899	929	897	930	10946
18-20	MEAN	13.0	17.0	26.6	39.1	53.4	62.6	68.5	66.8	55.5	44.9	31.3	19.1	41.6
	S D	11.309	10.543	9.391	11.105	12.680	10.014	8.387	8.382	9.267	9.319	9.993	9.606	21.650
	TOTAL OBS	930	845	930	900	930	896	929	929	899	929	896	930	10943
21-23	MEAN	10.8	13.6	22.6	34.3	46.8	56.1	61.6	60.0	50.6	41.8	29.4	17.7	37.2
	S D	12.287	11.562	10.367	9.768	11.237	8.643	7.593	7.648	8.6[illegible]4	9.266	9.715	10.409	20.103
	TOTAL OBS	930	845	930	900	930	899	927	928	900	930	897	930	10946
ALL HOURS	MEAN	11.5	14.5	23.4	36.1	49.3	58.5	64.1	62.6	53.1	43.4	30.6	18.3	38.9
	S D	12.096	11.895	11.407	11.809	13.281	11.079	9.903	10.225	10.461	10.351	10.370	10.214	21.378
	TOTAL OBS	7433	6764	7438	7199	7439	7192	7427	7424	7197	7437	7189	7437	87576

USAFETAC FORM JUL 64 0-89-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 68-78 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	9.0	11.0	18.6	29.1	39.7	48.9	54.8	54.0	46.9	38.2	27.3	16.1	32.9
	S D	12.355	11.618	10.859	9.380	9.798	8.000	7.424	7.564	8.940	9.135	9.626	10.537	18.611
	TOTAL OBS	928	844	927	899	930	897	929	916	899	927	900	929	10925
03-05	MEAN	8.2	10.0	17.2	28.2	38.4	47.5	53.5	52.5	46.0	37.3	26.7	15.6	31.8
	S D	12.524	12.007	11.536	9.788	9.588	8.144	7.612	7.712	9.252	9.165	9.608	10.713	18.578
	TOTAL OBS	930	846	927	900	929	897	926	913	897	926	900	930	10921
06-08	MEAN	7.8	9.3	16.4	28.8	40.6	50.1	55.4	53.7	46.0	36.9	26.3	15.2	32.3
	S D	12.524	12.189	12.014	9.638	9.308	7.682	6.879	7.224	9.010	9.173	9.861	10.812	19.280
	TOTAL OBS	927	842	924	897	930	895	930	911	899	927	900	930	10912
09-11	MEAN	9.1	12.2	21.5	33.6	45.4	54.9	60.2	59.3	50.8	40.6	28.4	16.4	36.1
	S D	11.771	10.698	9.436	8.954	9.619	7.65	6.356	6.145	7.629	8.557	9.575	10.092	19.860
	TOTAL OBS	929	839	922	900	930	897	930	917	900	930	898	929	10921
12-14	MEAN	13.5	16.9	25.1	35.9	47.3	56.4	61.7	61.1	53.0	43.6	31.1	19.5	38.9
	S D	9.846	9.102	8.608	9.471	9.873	7.903	6.465	6.332	7.977	8.940	9.276	8.244	18.840
	TOTAL OBS	930	842	926	900	930	900	927	922	900	930	895	929	10931
15-17	MEAN	14.5	17.9	25.9	36.1	47.3	56.3	61.6	61.2	53.1	43.7	31.1	20.0	39.2
	S D	9.844	9.000	8.485	9.613	9.967	8.043	6.514	6.542	8.162	9.006	9.638	8.209	18.573
	TOTAL OBS	928	845	925	900	930	899	929	922	898	929	896	930	10931
18-20	MEAN	11.9	15.3	23.8	34.0	45.4	54.8	60.2	59.6	50.9	41.2	28.9	17.9	37.1
	S D	11.044	9.798	8.655	9.243	9.850	7.984	6.826	6.742	8.121	8.779	9.440	9.404	18.963
	TOTAL OBS	930	845	926	900	930	893	929	925	896	926	896	930	10926
21-23	MEAN	9.9	12.5	20.8	31.1	42.0	51.6	57.1	56.3	48.2	39.3	27.5	16.7	34.5
	S D	11.966	10.996	9.877	9.033	9.956	7.880	7.052	7.173	8.599	8.958	9.369	10.163	18.800
	TOTAL OBS	930	843	924	900	930	896	927	922	900	927	897	930	10926
ALL HOURS	MEAN	10.5	13.1	21.2	32.1	43.3	52.6	58.1	57.3	49.4	40.1	28.4	17.2	35.4
	S D	11.762	11.146	10.561	9.859	10.291	8.555	7.546	7.683	6.922	9.297	9.704	9.958	19.136
	TOTAL OBS	7432	6746	7401	7196	7439	7174	7427	7348	7189	7422	7182	7437	87393

USAFETAC FORM JUL 64 0-89-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 68-76 (YEARS)

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	3.3	5.4	13.3	24.1	35.1	46.0	52.4	52.1	45.2	35.3	23.3	11.6	29.0
	S D	14.833	13.381	12.661	11.050	11.122	8.852	8.110	8.145	9.407	10.210	11.184	12.476	20.442
	TOTAL OBS	928	844	927	899	930	897	929	916	899	927	900	929	10925
03-05	MEAN	2.5	4.5	12.2	23.7	34.6	45.2	51.6	51.0	44.5	34.7	23.0	11.1	28.3
	S D	14.962	13.662	13.411	11.408	10.859	8.874	8.192	8.269	9.735	10.194	11.160	12.492	20.495
	TOTAL OBS	930	846	927	900	929	897	926	913	897	926	900	930	10921
06-08	MEAN	2.0	3.9	11.4	24.1	36.3	47.0	52.9	52.0	44.5	34.4	22.6	10.8	28.6
	S D	15.014	13.768	13.991	11.229	10.367	8.472	7.565	7.786	9.530	10.196	11.382	12.647	21.042
	TOTAL OBS	927	842	924	897	930	895	930	911	899	927	900	930	10912
09-11	MEAN	3.1	6.3	15.1	26.0	37.9	49.0	54.9	54.9	47.1	36.7	24.2	11.8	30.7
	S D	14.333	12.347	11.788	10.692	10.897	9.082	7.844	7.343	8.721	9.895	11.066	12.050	20.904
	TOTAL OBS	929	839	922	900	930	897	930	917	900	930	898	929	10921
12-14	MEAN	6.2	9.0	16.7	26.6	38.1	49.1	55.1	54.8	47.1	37.1	25.1	13.9	31.7
	S D	12.889	11.261	11.326	10.807	11.226	9.357	8.009	7.767	9.585	10.683	11.021	10.652	19.960
	TOTAL OBS	930	842	926	900	930	900	927	922	900	930	895	929	10931
15-17	MEAN	6.7	9.4	17.2	26.5	37.5	48.9	54.9	54.7	46.9	36.9	24.8	14.1	31.6
	S D	12.931	11.133	11.136	10.946	11.404	9.639	8.058	7.907	9.727	10.933	11.465	10.853	19.824
	TOTAL OBS	928	845	925	900	930	899	929	922	898	929	896	930	10931
18-20	MEAN	5.3	8.3	16.5	25.8	36.7	48.4	54.4	54.5	46.9	36.4	23.9	13.1	30.9
	S D	13.722	11.710	11.201	10.976	11.639	9.634	8.394	8.126	9.046	10.565	11.236	11.417	20.175
	TOTAL OBS	930	845	926	900	930	893	929	925	896	926	896	930	10926
21-23	MEAN	4.0	6.6	15.0	24.9	36.1	47.5	53.6	53.6	45.9	35.8	23.2	12.1	30.0
	S D	14.409	12.691	11.835	10.851	11.380	8.991	8.017	7.945	9.204	10.385	10.998	12.153	20.418
	TOTAL OBS	930	843	924	900	930	896	927	922	900	927	897	930	10926
ALL HOURS	MEAN	4.2	6.7	14.7	25.2	36.5	47.6	53.7	53.5	46.0	35.9	23.7	12.3	30.1
	S D	14.248	12.673	12.370	11.045	11.175	9.218	8.119	8.041	9.421	10.427	11.215	11.916	20.449
	TOTAL OBS	7432	6746	7401	7196	7439	7174	7427	7348	7189	7422	7182	7437	87393

USAFETAC FORM JUL 64 0-89-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (PERIOD) JAN (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	100.0	97.6	87.0	65.6	30.6	8.8	74.7	928
	03-05	100.0	100.0	100.0	100.0	98.3	88.7	65.5	31.2	8.7	75.0	930
	06-08	100.0	100.0	100.0	100.0	97.6	88.8	65.3	30.7	8.8	74.8	927
	09-11	100.0	100.0	100.0	99.9	96.8	85.6	62.6	27.9	6.7	73.7	929
	12-14	100.0	100.0	100.0	98.6	88.7	71.0	44.9	18.5	5.9	68.5	930
	15-17	100.0	100.0	100.0	98.9	85.9	65.6	36.4	16.9	5.6	66.6	928
	18-20	100.0	100.0	100.0	99.8	94.6	82.2	54.6	23.3	5.8	71.5	930
	21-23	100.0	100.0	100.0	100.0	97.3	86.2	62.9	28.4	8.6	74.0	930
TOTALS		100.0	100.0	100.0	99.7	94.6	81.8	57.2	25.9	7.4	72.4	7432

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (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	99.8	98.1	90.2	67.7	32.3	7.7	75.1	844
	03-05	100.0	100.0	100.0	99.8	98.3	92.9	69.5	31.7	8.4	75.5	846
	06-08	100.0	100.0	100.0	99.8	98.3	93.5	71.9	33.0	7.5	75.9	842
	09-11	100.0	100.0	100.0	100.0	98.2	88.4	51.9	25.9	6.1	73.7	839
	12-14	100.0	100.0	99.9	96.8	86.2	64.5	36.5	13.5	3.2	65.7	842
	15-17	100.0	100.0	99.1	92.7	80.2	56.2	33.4	13.5	2.4	63.5	845
	18-20	100.0	100.0	100.0	97.4	90.9	72.2	49.1	21.1	7.0	69.4	845
	21-23	100.0	100.0	100.0	100.0	96.6	86.4	62.6	27.6	7.7	73.7	843
TOTALS		100.0	100.0	99.9	98.3	93.4	80.5	56.6	24.8	6.3	71.6	6746

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (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	100.0	99.8	96.8	88.0	67.9	35.0	12.3	75.4	927
	03-05	100.0	100.0	100.0	100.0	98.0	90.1	71.8	37.6	15.6	76.8	927
	06-08	100.0	100.0	100.0	99.7	98.4	91.2	72.2	39.8	15.7	77.1	924
	09-11	100.0	100.0	99.9	97.8	90.2	75.2	52.1	27.7	11.7	71.0	922
	12-14	100.0	100.0	97.9	90.5	73.7	52.8	34.2	17.8	7.6	63.0	926
	15-17	100.0	100.0	97.5	88.0	71.7	52.1	31.2	17.2	6.3	61.7	925
	18-20	100.0	100.0	98.8	93.6	83.2	65.9	43.3	22.8	9.2	67.3	926
	21-23	100.0	100.0	100.0	98.7	93.1	81.5	60.5	31.2	11.9	73.2	924
TOTALS		100.0	100.0	99.3	96.0	88.1	74.6	54.2	28.6	11.3	70.7	7401

USAFETAC FORM JUL 64 0-67-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (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	99.3	94.5	84.6	60.0	36.2	15.1	74.8	899
	03-05	100.0	100.0	100.0	99.7	97.7	90.8	69.0	43.8	17.8	77.5	900
	06-08	100.0	100.0	100.0	98.8	96.3	87.5	68.5	41.2	16.1	76.3	897
	09-11	100.0	100.0	95.9	86.9	74.9	57.1	36.9	23.9	11.7	64.3	900
	12-14	100.0	99.9	89.0	75.2	59.3	42.0	28.6	19.2	8.1	57.7	900
	15-17	100.0	98.9	89.6	73.8	58.1	41.4	26.6	18.6	7.4	56.9	900
	18-20	100.0	99.8	95.8	83.1	69.7	52.0	33.1	21.9	9.4	62.1	900
	21-23	100.0	100.0	99.8	96.3	87.3	72.4	48.1	30.0	11.8	70.1	900
TOTALS		100.0	99.8	96.3	89.1	79.7	66.0	46.4	29.4	12.2	67.5	7196

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (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	98.7	94.6	82.9	59.2	38.3	17.3	74.9	930
	03-05	100.0	100.0	100.0	99.2	97.4	90.6	72.4	46.8	20.8	78.5	929
	06-08	100.0	100.0	100.0	98.9	94.7	84.1	62.8	41.7	19.0	75.8	930
	09-11	100.0	99.8	95.7	83.5	64.0	45.7	31.5	21.5	12.2	60.9	930
	12-14	100.0	99.0	87.4	67.2	48.5	35.2	24.3	17.1	7.4	54.1	930
	15-17	100.0	98.4	85.2	64.7	44.6	30.5	21.1	14.0	5.6	52.0	930
	18-20	100.0	100.0	92.7	74.1	54.8	37.6	27.0	17.4	7.4	56.8	930
	21-23	100.0	100.0	99.7	94.9	84.5	64.6	44.2	27.6	11.7	68.4	930
TOTALS		100.0	99.7	95.1	85.2	72.9	58.9	42.8	28.1	12.7	65.2	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (PERIOD) JUN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	99.2	96.0	79.7	55.4	22.1	81.1	897
	03-05	100.0	100.0	100.0	100.0	99.7	97.7	88.0	65.8	29.3	83.9	897
	06-08	100.0	100.0	100.0	99.8	98.2	91.4	76.8	51.3	18.8	79.5	895
	09-11	100.0	100.0	99.0	92.3	75.8	55.7	35.2	19.3	6.8	64.2	897
	12-14	100.0	100.0	96.2	81.0	57.9	37.9	22.3	13.9	5.4	57.1	900
	15-17	100.0	99.9	96.6	78.4	55.1	38.6	25.4	15.2	5.0	57.3	899
	18-20	100.0	100.0	98.2	87.9	67.2	49.8	35.3	20.0	7.6	62.3	893
	21-23	100.0	100.0	100.0	99.1	93.5	79.9	59.8	37.1	11.5	74.0	896
TOTALS		100.0	100.0	98.8	92.3	80.8	68.4	52.8	34.8	13.3	69.9	7174

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 59-78 (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	99.8	96.8	86.8	59.5	23.6	82.5	929
	03-05	100.0	100.0	100.0	100.0	100.0	99.2	93.8	70.2	31.2	85.7	926
	06-08	100.0	100.0	100.0	100.0	99.4	95.4	83.5	56.5	24.9	82.1	930
	09-11	100.0	100.0	99.7	97.3	84.1	60.6	34.9	17.0	4.9	65.5	930
	12-14	100.0	100.0	99.0	88.1	63.0	38.4	24.1	10.7	2.4	58.2	927
	15-17	100.0	100.0	98.3	84.6	60.6	39.5	22.1	10.3	2.5	57.5	929
	18-20	100.0	100.0	99.2	92.8	75.7	51.2	32.3	16.4	4.5	62.8	929
	21-23	100.0	100.0	100.0	99.8	97.2	86.2	66.2	39.7	12.4	75.9	927
TOTALS		100.0	100.0	99.5	95.3	85.0	70.9	55.5	35.0	13.3	71.3	7427

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 69-78 (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	99.9	99.2	93.6	69.4	32.6	85.8	916
	03-05	100.0	100.0	100.0	100.0	100.0	99.8	96.6	78.6	44.1	88.3	913
	06-08	100.0	100.0	100.0	100.0	99.7	99.2	93.4	72.7	41.5	86.9	911
	09-11	100.0	100.0	100.0	97.9	88.3	67.4	45.6	26.4	13.3	69.9	917
	12-14	100.0	99.9	98.9	88.8	65.0	44.6	25.6	14.3	6.2	59.9	922
	15-17	100.0	100.0	98.5	86.2	61.5	42.3	24.2	12.9	4.3	58.8	922
	18-20	100.0	100.0	99.7	95.8	80.8	60.8	40.8	21.8	9.5	66.8	925
	21-23	100.0	100.0	100.0	99.7	98.9	93.6	78.4	50.1	21.5	80.2	922
TOTALS		100.0	100.0	99.6	96.1	86.8	75.9	62.3	43.3	21.6	74.6	7348

USAFETAC FORM JUL 44 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94836 K I SAWYER AFB MI 69-78 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	100.0	99.9	98.9	95.6	82.3	42.8	87.9	899
	03-05	100.0	100.0	100.0	100.0	100.0	99.0	97.3	88.4	49.4	89.4	897
	06-08	100.0	100.0	100.0	100.0	100.0	98.9	96.8	87.4	49.2	89.2	899
	09-11	100.0	100.0	99.9	99.1	94.8	83.9	67.4	43.1	19.3	76.4	900
	12-14	100.0	100.0	99.0	92.6	75.1	56.8	38.2	22.0	9.3	65.1	900
	15-17	100.0	99.7	98.0	89.8	73.3	54.8	37.9	22.2	7.9	64.0	898
	18-20	100.0	100.0	99.7	97.4	92.2	79.9	63.4	38.5	11.7	74.3	896
	21-23	100.0	100.0	100.0	99.9	99.1	96.3	89.2	69.4	29.7	84.3	900
TOTALS		100.0	100.0	99.6	97.4	91.8	83.6	73.2	56.7	27.4	78.8	7189

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94836 K I SAWYER AFB MI — 69-78 — OCT

STATION — STATION NAME — PERIOD — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	99.8	98.8	95.5	84.1	65.0	29.9	82.9	927
	03-05	100.0	100.0	100.0	100.0	99.6	96.5	88.1	70.3	32.5	84.5	926
	06-08	100.0	100.0	100.0	100.0	99.9	98.6	90.6	75.2	34.0	85.5	927
	09-11	100.0	100.0	100.0	99.5	96.8	88.0	67.0	46.6	20.3	77.4	930
	12-14	100.0	100.0	98.6	91.5	80.2	57.4	38.6	24.0	9.8	65.7	930
	15-17	100.0	99.9	97.2	88.4	75.7	56.8	37.1	24.0	9.6	64.4	929
	18-20	100.0	100.0	99.7	97.3	90.0	78.0	60.9	39.3	15.3	73.7	926
	21-23	100.0	100.0	100.0	99.4	97.0	90.6	78.2	57.4	25.9	80.3	927
TOTALS		100.0	100.0	99.4	97.0	92.3	82.4	68.1	50.2	22.2	76.8	7422

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94836 K I SAWYER AFB MI 69-78 NOV
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	99.7	97.9	92.7	79.4	53.2	21.6	79.7	900
	03-05	100.0	100.0	100.0	100.0	98.8	94.1	82.9	56.4	21.0	80.8	900
	06-08	100.0	100.0	100.0	100.0	99.2	95.4	83.6	59.0	22.0	81.4	900
	09-11	100.0	100.0	99.8	99.6	97.8	91.9	75.6	49.0	16.6	78.4	898
	12-14	100.0	99.7	98.9	96.2	90.5	75.4	50.8	27.4	10.7	70.5	895
	15-17	99.9	99.6	98.5	95.1	86.6	70.1	47.7	28.9	11.5	69.4	896
	18-20	100.0	100.0	99.5	98.4	94.3	84.7	63.2	38.5	16.6	75.0	896
	21-23	100.0	100.0	100.0	99.3	97.3	90.6	73.2	46.7	18.8	78.1	897
TOTALS		100.0	99.9	99.6	98.5	95.3	86.9	69.6	44.9	17.4	76.7	7182

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 68-77 (PERIOD) DEC (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	99.9	99.9	99.7	93.8	80.4	48.3	16.5	79.4	929
	03-05	100.0	100.0	99.9	99.9	99.5	94.1	81.1	47.4	15.7	79.4	930
	06-08	100.0	100.0	100.0	100.0	99.4	94.0	81.3	46.7	15.2	79.4	930
	09-11	100.0	100.0	100.0	99.8	98.7	93.0	80.5	42.8	16.1	78.9	929
	12-14	100.0	100.0	100.0	99.4	95.0	85.3	65.1	32.2	8.5	74.3	929
	15-17	100.0	100.0	99.9	98.9	92.8	82.0	60.6	30.4	10.1	73.0	930
	18-20	100.0	100.0	100.0	99.9	97.8	91.9	75.7	40.1	12.8	77.5	930
	21-23	100.0	100.0	100.0	100.0	98.9	92.7	79.2	45.5	16.0	78.9	930
TOTALS		100.0	100.0	100.0	99.7	97.7	90.9	75.5	41.7	13.9	77.6	7437

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 68-78 (PERIOD) ALL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	99.7	94.6	81.8	57.2	25.9	7.4	72.4	7432
FEB		100.0	100.0	99.9	98.3	93.4	80.5	56.6	24.8	6.3	71.6	6746
MAR		100.0	100.0	99.3	96.0	88.1	74.6	54.2	28.6	11.3	70.7	7401
APR		100.0	99.8	96.3	89.1	79.7	66.0	46.4	29.4	12.2	67.5	7196
MAY		100.0	99.7	95.1	85.2	72.9	58.9	42.8	28.1	12.7	65.2	7439
JUN		100.0	100.0	98.8	92.3	80.8	68.4	52.8	34.8	13.3	69.9	7174
JUL		100.0	100.0	99.5	95.3	85.0	70.9	55.5	35.0	13.3	71.3	7427
AUG		100.0	100.0	99.6	96.1	86.8	75.9	62.3	43.3	21.6	74.6	7348
SEP		100.0	100.0	99.6	97.4	91.8	83.6	73.2	56.7	27.4	78.8	7189
OCT		100.0	100.0	99.4	97.0	92.3	82.4	68.1	50.2	22.2	76.8	7422
NOV		100.0	99.9	99.6	98.5	95.3	86.9	69.6	44.9	17.4	76.7	7182
C		100.0	100.0	100.0	99.7	97.7	90.9	75.5	41.7	13.9	77.6	7437
TOTALS		100.0	100.0	98.9	95.4	88.2	76.7	59.5	37.0	14.9	72.8	87393

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

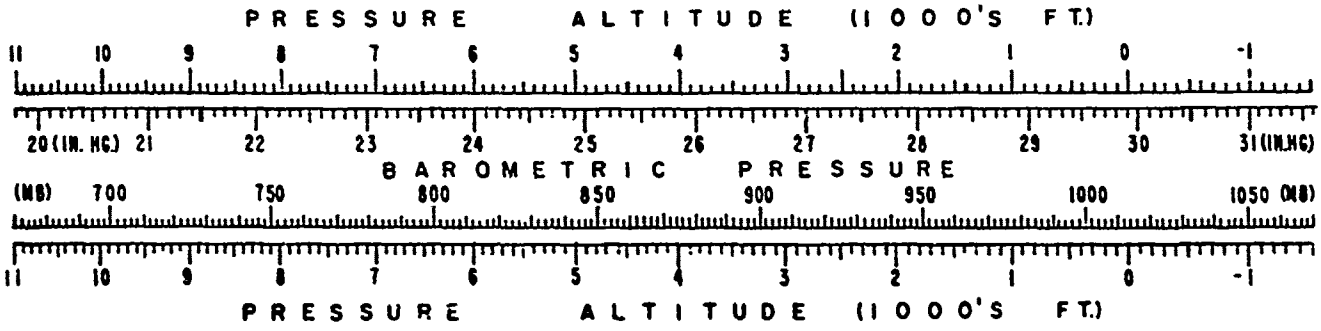
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided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

74-23967

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 68-78 (YEARS)

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	28.560	28.607	28.583	28.628	28.601	28.572	28.619	28.659	28.663	28.659	28.598	28.595	28.612
	S D	.268	.285	.238	.234	.185	.185	.149	.138	.179	.214	.243	.249	.220
	TOTAL OBS	310	282	310	299	310	300	310	310	300	310	300	309	3650
04	MEAN	28.566	28.603	28.579	28.618	28.594	28.564	28.612	28.653	28.658	28.654	28.592	28.602	28.608
	S D	.267	.288	.242	.238	.189	.189	.154	.143	.181	.217	.247	.249	.223
	TOTAL OBS	310	282	310	300	310	300	309	308	300	309	300	310	3648
07	MEAN	28.563	28.609	28.589	28.634	28.612	28.580	28.629	28.666	28.669	28.662	28.595	28.598	28.617
	S D	.267	.293	.253	.243	.196	.193	.156	.149	.181	.223	.254	.248	.227
	TOTAL OBS	308	282	309	300	310	300	310	310	300	310	300	310	3649
10	MEAN	28.583	28.624	28.596	28.640	28.615	28.584	28.633	28.671	28.678	28.671	28.608	28.615	28.626
	S D	.271	.294	.264	.247	.202	.194	.156	.151	.185	.231	.261	.249	.231
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650
13	MEAN	28.559	28.613	28.585	28.631	28.605	28.577	28.625	28.660	28.663	28.652	28.589	28.591	28.613
	S D	.275	.292	.262	.242	.197	.192	.152	.149	.183	.234	.262	.253	.230
	TOTAL OBS	310	282	310	300	310	300	309	309	300	310	300	309	3649
16	MEAN	28.552	28.591	28.564	28.615	28.590	28.566	28.616	28.644	28.644	28.636	28.579	28.585	28.599
	S D	.276	.286	.252	.231	.192	.187	.145	.143	.179	.230	.254	.251	.225
	TOTAL OBS	310	282	309	300	310	300	310	309	300	310	300	310	3650
19	MEAN	28.565	28.611	28.578	28.622	28.590	28.563	28.613	28.646	28.650	28.655	28.601	28.601	28.608
	S D	.276	.279	.241	.223	.183	.183	.140	.139	.177	.229	.243	.246	.219
	TOTAL OBS	310	281	310	300	310	300	310	309	299	310	297	310	3646
22	MEAN	28.563	28.615	28.589	28.637	28.606	28.577	28.625	28.660	28.663	28.663	28.602	28.599	28.617
	S D	.275	.277	.237	.224	.181	.181	.140	.135	.175	.216	.239	.246	.217
	TOTAL OBS	310	282	310	300	310	300	309	310	300	310	299	310	3650
ALL HOURS	MEAN	28.564	28.609	28.584	28.628	28.602	28.573	28.621	28.657	28.661	28.656	28.595	28.598	28.612
	S. D.	.272	.287	.249	.235	.191	.188	.149	.144	.180	.224	.250	.249	.224
	TOTAL OBS	2478	2255	2478	2399	2480	2400	2477	2474	2399	2479	2396	2477	29192

USAFETAC FORM JUL 64 0-89-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

94836 (STATION) K I SAWYER AFB MI (STATION NAME) 58-78 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	1015.1	1016.6	1015.4	1016.1	1014.4	1012.9	1014.3	1015.7	1016.3	1016.7	1015.2	1015.9	1015.4
	S D	9.754	10.339	8.630	8.468	6.542	6.676	5.345	5.120	6.483	7.859	8.725	9.122	7.962
	TOTAL OBS	309	282	310	299	310	300	310	310	300	310	300	309	3649
04	MEAN	1015.3	1016.4	1015.0	1015.8	1014.2	1012.7	1014.1	1015.5	1016.1	1016.5	1015.1	1016.0	1015.2
	S D	9.747	10.523	8.807	8.600	6.758	6.779	5.541	5.260	6.583	7.960	8.938	9.053	8.081
	TOTAL OBS	310	282	310	300	310	300	309	308	300	309	300	310	3648
07	MEAN	1015.3	1016.7	1015.5	1016.4	1014.8	1013.3	1014.7	1016.0	1016.7	1016.9	1015.3	1016.0	1015.6
	S D	9.788	10.641	9.221	8.821	6.986	6.876	5.600	5.422	6.645	8.174	9.215	9.064	8.226
	TOTAL OBS	308	282	309	300	310	300	310	310	300	309	300	310	3648
10	MEAN	1016.0	1017.2	1015.7	1016.5	1015.0	1013.4	1014.8	1016.2	1017.0	1017.1	1015.7	1016.5	1015.9
	S D	9.871	10.666	9.605	8.912	7.139	6.928	5.589	5.511	6.715	8.337	9.419	9.181	8.361
	TOTAL OBS	310	282	310	300	310	300	310	309	299	309	300	309	3648
13	MEAN	1015.2	1016.7	1015.3	1016.1	1014.6	1013.1	1014.5	1015.8	1016.4	1016.5	1014.9	1015.7	1015.4
	S D	9.924	10.587	9.501	8.726	6.973	6.845	5.432	5.435	6.643	8.518	9.422	9.206	8.305
	TOTAL OBS	310	282	310	299	310	300	309	309	300	310	300	309	3648
16	MEAN	1014.8	1016.0	1014.5	1015.7	1014.1	1012.8	1014.2	1015.2	1015.7	1015.9	1014.6	1015.5	1014.9
	S D	9.966	10.279	9.136	8.383	6.806	6.671	5.218	5.233	6.516	8.397	9.187	9.039	8.102
	TOTAL OBS	310	282	309	300	310	300	310	309	300	310	300	310	3650
19	MEAN	1015.4	1016.7	1015.1	1015.9	1014.1	1012.6	1014.1	1015.3	1016.0	1016.6	1015.4	1016.0	1015.3
	S D	9.995	10.079	8.771	8.103	6.508	6.549	5.033	5.034	6.445	8.137	8.815	8.958	7.935
	TOTAL OBS	310	281	310	300	310	299	310	309	299	308	297	309	3642
22	MEAN	1015.3	1016.9	1015.5	1016.4	1014.6	1013.1	1014.5	1015.8	1016.5	1016.9	1015.5	1016.0	1015.6
	S D	10.003	10.084	8.620	8.116	6.441	6.498	4.996	4.961	6.362	8.043	8.677	8.979	7.877
	TOTAL OBS	310	282	310	299	310	300	309	310	300	309	299	309	3647
ALL HOURS	MEAN	1015.3	1016.7	1015.2	1016.1	1014.5	1013.0	1014.4	1015.7	1016.3	1016.6	1015.2	1016.0	1015.4
	S D	9.873	10.392	9.037	8.513	6.771	6.724	5.347	5.252	6.550	8.177	9.047	9.067	8.112
	TOTAL OBS	2477	2255	2478	2397	2480	2399	2477	2474	2398	2474	2396	2475	29180

USAFETAC FORM JUL 64 0-89-5 (OLA)