AD A074659

USAFETAC/DS-79/033

DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

SHAW AFB SC/SUMTER.. WBAN# 13849
N 33 5E W 080 2E FLD ELEV 251 FT SSC WMO # 74790

PARTS A-F

POR FROM HOURLY OBS: DEC 65 - DEC 70, JAN 74 - NOV 7E
POR FROM DAILY OBS: DEC 46 - NOV 7E

MAR 0 7 1979

FEDERAL BUILDING
ASHEVILLE, N. C.

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James K. Millican

FOR THE COMMANDER

Walter S. Burgmann

WALTER S. BURGMANN
Scientific & Technical
Information Officer

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USAFETAC/DS-79/033

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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 Shaw AFB, Sumter, South Carolina

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)

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

* South Carolina * Shaw AFB, SC

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.

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	PART E	DAILY MAX, MIN, & MEAN TEMP
	ATMOSPHERIC PHENOMENA		EXTREME MAX & MIN TEMP
PART B	PRECIPITATION		PSYCHROMETRIC-DRY VS WET BULB
	SNOWFALL		MEAN & STD DEV. (DRY BULB, WET BULB, & DEW POINT)
	SNOW DEPTH		RELATIVE HUMIDITY
PART C	SURFACE WINDS		
PART D	CEILING VERSUS VISIBILITY	PART F	STATION PRESSURE
	SKYCOVER		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 29956

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
13849	SHAW AFB SOUTH CAROLINA/SUMTER	N 33 58	W 080 28	251	SSC	74790

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT BARO.	
1	Sumter Fld, South Carolina	AAF	Dec 46	May 48	N 33 58	W 080 29	248	250	24
2	Shaw AFB, South Carolina	AFB	Jun 48	Feb 55	Same	Same	236	Same	24
3	Same	Same	Mar 55	Mar 55	Same	Same	242	Same	24
4	Same	Same	Apr 55	Feb 57	Same	Same	253	Same	24
5	Same	Same	Mar 57	Jul 60	Same	Same	252	Same	24
6	Same	Same	Aug 60	Feb 63	Same	Same	Same	291	24
7	Same	Same	Mar 63	Dec 70	Same	Same	Same	242	24
8	Same	Same	Jun 72	Apr 73	Same	Same	Same	Same	18
9	Same	Same	May 73	Jan 74	Same	W 080 28	251	241	18
10	Same	Same	Feb 74	Nov 78	Same	Same	Same	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Dec 46	Not available.	Selsyn	ML-144	N/A	
2	Jun 48	Located on top of Weather Station	Same	Same	49 ft	
3	Apr 55	Same	Same	Same	50 ft	
4	Apr 59	Located 500 ft of center of instrument rnwy 22/04, 3000 ft from touch down point or rnwy 04.	AN/GMQ-11	RO-2	14 ft	
5	Mar 60	Located in middle of rnwy complex.	Same	Same	15 ft	
6	Mar 64	Located 900 ft from centerline, 2700 ft from end of rnwy 04.	Same	Same	13 ft	
7	Mar 66	Located 800 ft SE of rnwy 04 centerline, 2600 ft NE of approach end of rnwy 04.	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	
8	Oct 70	1. Located 500 ft SE of centerline, 582 ft from end of rnwy 04.	AN/GMQ-20	RO-362	13 ft	
		2. Located 500 ft SE of centerline, 859 ft from end of rnwy 22.	Same		Same	
9	Nov 78	1. Same	Same	Same	Same	
		2. Same	Same		Same	

MAC-5 AFB, ID

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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 sc 1)

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13843 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | E-7 ,74-78 YEARS | JAN 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.
JA..	00-02		11.1	1.0	1.3		13.1	18.1	3.3			20.5	927
	03-05		10.5	1.2	.2		11.7	21.3	2.3			22.9	927
	06-08		12.1	1.2	.9		14.0	26.8	4.4			28.8	929
	09-11		12.5	.9	.8		13.9	24.6	9.5			30.3	930
	12-14		12.9	1.1	.5		14.3	16.6	5.4			20.3	930
	15-17	.1	10.3	1.3	1.5		12.5	14.1	5.2			18.2	930
	18-20		12.2	1.3	1.2		14.2	12.9	3.3			15.8	930
	21-23		10.1	1.2	1.2		11.9	14.1	2.7			16.2	930
TOTALS		.0	11.5	1.2	1.0		13.2	18.6	4.5			21.6	7433

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13842 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 6-7', 74-78 (YEARS) FEB (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		8.5	.4	1.3		9.9	11.2	2.7		.8	14.3	846
	03-05	.1	7.8		.8		8.5	13.8	2.4		.7	16.0	846
	06-08	.6	8.3		.8		9.1	19.0	8.4		.6	23.4	846
	09-11	.1	8.2	.1	1.1		8.9	14.1	9.3		.5	20.8	846
	12-14		7.7		1.8		9.1	7.3	3.2		.5	10.2	846
	15-17	.2	8.5	.4	.1	.1	8.9	7.8	2.8		.7	11.1	846
	18-20	.1	10.5	.5	.7		11.2	9.0	3.2		.7	12.5	846
	21-23	.2	7.3	.4	.7		8.3	8.3	3.5		.9	11.8	846
TOTALS		.2	8.4	.2	.9	.0	9.2	11.4	4.4		.7	15.0	6768

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	.3	7.1				7.1	10.8	2.3			12.2	930
	03-05	.2	7.4				7.4	14.9	2.8			17.2	930
	06-08	.3	7.4				7.4	25.1	10.8			30.9	930
	09-11	.6	6.4				8.4	12.6	9.2			20.4	930
	12-14	.5	7.0		.1		7.1	7.3	3.2		.1	9.6	930
	15-17	1.0	7.4				7.4	5.6	3.8		.4	9.4	930
	18-20	.6	8.5				8.5	7.1	2.7		.1	9.4	930
	21-23	.3	6.7				6.7	7.1	1.5			8.3	930
TOTALS		.5	7.5		.0		7.5	11.3	4.5		.1	14.7	7440

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WEATHER CONDITIONS

13840 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 6-70,74-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.8	5.1				5.1	7.1	1.9			8.0	900
	03-05	.6	6.4				6.4	13.1	1.7			14.1	900
	06-08	.6	5.3				5.3	24.7	12.9			30.8	900
	09-11	.6	4.8				4.8	5.7	6.7			11.2	900
	12-14	.2	5.3				5.3	3.8	3.2		.1	6.9	900
	15-17	.4	4.7				4.7	2.6	2.1		.7	4.8	900
	18-20	1.4	5.1				5.1	3.3	2.8		.2	5.9	900
	21-23	.9	4.8				4.8	3.8	1.3			5.0	900
TOTALS		.7	5.2				5.2	8.0	4.1		.1	10.8	7200

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WEATHER CONDITIONS

13849 — STATION
SHAW AFB SOUTH CAROLINA/SUMTER — STATION NAME
66-70,74-78 — 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 SAN	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	.6	7.2				7.2	14.0	5.2			16.7	930
	03-05	.4	7.3				7.3	26.7	9.4			30.9	930
	06-08	.2	6.9				6.9	40.8	24.9			51.2	930
	09-11	.2	5.5				5.5	8.4	14.2			20.2	930
	12-14	1.1	7.1				7.1	2.8	9.9		.1	12.3	930
	15-17	4.3	7.7			.1	7.7	2.8	9.0		.1	11.7	930
	18-20	4.0	10.0				10.0	4.7	8.1			12.6	930
	21-23	1.9	7.0				7.0	4.5	3.4			7.8	930
TOTALS		1.6	7.3			.0	7.3	13.1	10.5		.0	20.4	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	1.2	4.3				4.3	11.3	10.6			17.8	900
	03-05	.4	3.9				3.9	31.0	17.8			38.6	900
	06-08	.6	4.3				4.3	39.4	35.8			55.8	900
	09-11	.1	3.3				3.3	5.6	19.4			21.7	900
	12-14	1.6	3.4				3.4	.8	12.3			12.8	900
	15-17	4.2	6.4				6.4	.8	10.9			11.1	900
	18-20	5.1	6.8				6.8	1.7	11.8		.1	13.0	900
	21-23	3.9	8.1				8.1	3.3	9.4			11.8	900
TOTALS		2.1	5.1				5.1	11.7	16.0		.0	22.8	7200

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WEATHER CONDITIONS

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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/OP 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	1.6	4.0				4.0	12.4	12.4			20.1	930
	03-05	.3	2.2				2.2	27.4	18.2			34.9	930
	06-08	.1	3.0				3.0	43.3	39.9			60.4	930
	09-11	.4	3.8				3.8	7.0	29.2			32.7	930
	12-14	2.4	4.5				4.5	1.4	21.1			21.7	930
	15-17	8.1	9.7				9.7	1.8	21.8			23.2	930
	18-20	7.6	10.4				10.4	4.2	22.8			25.6	929
	21-23	3.7	6.9				6.9	6.6	12.8			17.0	929
TOTALS		3.0	5.6				5.6	13.0	22.3			29.5	7438

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 65-71,74-78 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	1.5	5.3				5.3	14.3	10.3			21.1	930
	03-05	.4	5.1				5.1	33.9	15.2			39.7	930
	06-08	.3	4.6				4.6	57.1	34.6			68.9	930
	09-11	.4	3.8				3.8	13.0	26.1			33.5	930
	12-14	2.7	5.8				5.8	3.1	15.2			17.2	930
	15-17	6.1	11.0				11.0	2.6	12.6			14.9	930
	18-20	5.5	10.4				10.4	5.1	13.7			17.8	930
	21-23	2.7	7.5				7.5	6.2	9.2			13.5	930
TOTALS		2.5	6.7				6.7	16.9	17.1			28.3	7440

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 76-78 (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	.4	4.3				4.3	15.1	10.1			21.6	900
	03-05	.2	4.9				4.9	30.8	14.9			38.6	900
	06-08	.6	6.4				6.4	54.0	34.0			65.3	900
	09-11		6.0				6.0	11.9	27.6			34.6	900
	12-14	1.1	6.4				6.4	3.8	14.7			17.6	900
	15-17	2.7	7.0				7.0	2.7	12.6			14.4	900
	18-20	2.2	6.7				6.7	4.3	10.7			14.1	900
	21-23	.9	4.4				4.4	4.9	7.7			11.8	900
TOTALS		1.0	5.8				5.8	15.9	16.5			27.2	7200

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-73,74-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02		3.7				3.7	8.8	3.3			10.3	930
	03-05	.1	4.4				4.4	18.7	7.3			21.9	930
	06-08	.2	6.0				6.0	34.0	21.4			41.1	929
	09-11		5.5				5.5	12.4	17.0			25.7	930
	12-14	.1	4.1				4.1	2.9	8.0			9.7	930
	15-17	.2	4.3				4.3	2.4	5.1			6.8	930
	18-20	.1	3.9				3.9	2.7	4.1			5.9	930
	21-23	.1	3.6				3.6	3.6	2.5			5.5	929
TOTALS		.1	4.4				4.4	10.7	8.6			15.9	7438

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

13843 (STATION) S AN AFB SOUTH CAROLINA/SUMTER (STATION NAME) 6-7 74-78 (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	.2	7.4		.3		7.4	12.7	3.1			14.9	900
	03-05	.2	6.1		.1		6.1	15.7	3.0			17.8	900
	06-08		5.8				5.8	27.2	12.6			32.3	900
	09-11	.1	7.0				7.0	16.8	13.9			25.9	900
	12-14		7.3				7.3	6.3	6.9			12.8	899
	15-17	.1	6.3		.1		6.3	6.5	6.2			11.7	899
	18-20	.6	5.9				5.9	5.9	3.1			8.2	898
	21-23	.1	7.1		.2		7.3	8.3	2.1			9.6	896
TOTALS		.2	6.6		.1		6.6	12.4	6.4			16.7	7192

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13840 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 5-7,74-77 (YEARS) DEC (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 SLFET	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		10.6				10.6	14.4	1.9			15.4	930
	03-05		10.9				10.9	15.2	3.1			16.7	930
	06-08	.1	11.2				11.2	20.5	5.5			23.3	930
	09-11		11.9				11.9	19.9	8.8			25.8	930
	12-14	.1	10.8		.1		10.8	11.3	2.6			13.0	930
	15-17	.2	11.9				11.9	11.1	3.3			13.2	930
	18-20	.3	10.8				10.8	11.9	2.0			13.0	928
	21-23		10.1				10.1	13.5	1.9			14.3	927
TOTALS		.1	11.0		.0		11.0	14.7	3.6			16.8	7435

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13949	SHAW AFB SOUTH CAROLINA/SUMTER	65-70,74-78	ALL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.0	11.5	1.2	1.0		13.2	18.6	4.5			21.6	7433
FEB		.2	8.4	.2	.9	.0	9.7	11.4	4.4		.7	15.0	6768
MAR		.5	7.5		.0		7.5	11.3	4.5		.1	14.7	7440
APR		.7	5.2				5.2	8.0	4.1		.1	10.8	7200
MAY		1.6	7.3			.0	7.3	13.1	10.5		.0	20.4	7440
JUN		2.1	5.1				5.1	11.7	16.0		.0	22.8	7200
JUL		3.0	5.6				5.6	13.0	22.3			29.5	7438
AUG		2.5	6.7				6.7	16.9	17.1			28.3	7440
SEP		1.0	5.8				5.8	15.9	16.5			27.2	7200
OCT		.1	4.4				4.4	10.7	8.6			15.9	7438
NOV		.2	6.6		.1		6.6	12.4	6.4			16.7	7192
DEC		.1	11.0		.0		11.0	14.7	3.6			16.8	7435
TOTALS		1.0	7.1	.1	.2	.0	7.3	13.1	9.9		.1	20.0	87624

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
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XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
WEATHER CONDITIONS
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 76-78 (YEARS) ALL (MONTH)

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L S T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	1.4	41.7	2.9	4.7		42.6	44.7	33.6			55.5	991
FEB		3.7	40.3	1.1	3.9	.4	40.9	41.3	36.4	.1		54.8	904
MAR		7.6	43.8	.6	1.3	.4	43.5	44.0	32.6		.4	53.9	992
APR		11.1	36.9			.4	36.1	40.6	25.3			47.3	960
MAY		20.8	41.5			.4	40.9	47.8	34.8		.1	55.2	992
JUN		27.9	45.2			.3	44.2	52.9	40.6		.3	61.7	960
JUL		36.9	51.9			.4	50.9	53.3	39.0			62.5	992
AUG		28.9	44.8			.5	44.5	65.2	49.6			74.8	989
SEP		12.5	37.9				37.3	63.5	45.2			72.3	960
OCT		3.5	28.6		.1		28.1	48.6	39.6			58.3	992
NOV		2.8	32.0		.3		32.6	44.0	34.4			52.4	960
DEC		1.6	38.4	.9	2.3		37.6	42.8	31.5			53.8	992
TOTALS		13.2	40.2	.5	1.0	.2	39.9	49.1	36.9	.0	.1	58.6	11684

U S AIR FORCE
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APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; 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

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GLOBAL CLIMATOLOGY BRANCH
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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION (FROM DAILY OBSERVATIONS)

13849 STATION | SHAW AFB, SOUTH CAROLINA/SUMTER STATION NAME | 66-72 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	56.0	13.0	2.2	5.5	3.9	6.1	5.2	5.1	2.7	.1				31.0	991	3.43	7.37	.72
FEB	57.2	10.3	1.8	6.4	3.2	6.3	6.1	5.1	3.5	.1				32.5	904	3.61	6.52	.32
MAR	55.2	10.6	2.2	4.6	3.7	8.1	6.7	5.1	3.3	.3	.1			34.2	992	4.43	12.73	1.25
APR	61.7	12.0	1.7	5.2	2.4	4.8	4.2	5.5	2.4	.2				26.4	960	3.26	10.08	.35
MAY	57.5	12.9	1.7	5.7	3.2	5.9	4.7	5.4	2.4	.4				29.6	992	3.64	9.63	.40
JUN	54.0	13.5	1.4	4.6	4.0	5.8	5.8	6.1	3.6	.8	.3			32.5	960	5.49	17.83	1.50
JUL	46.0	14.9	1.8	7.3	3.2	7.8	7.1	7.3	4.2	.4				39.1	991	5.37	13.35	.69
AUG	53.0	13.5	1.6	5.3	3.0	7.0	6.0	6.1	4.0	.5				33.5	989	4.67	14.50	1.17
SEP	61.1	13.0	2.7	5.2	2.7	4.4	4.3	3.1	2.8	.6				25.8	960	3.44	6.62	.33
OCT	70.8	10.5	2.1	2.8	2.8	3.5	2.1	3.0	1.8	.5				18.7	992	2.57	9.11	.03
NOV	65.1	12.1	1.7	4.0	2.7	4.4	5.0	2.1	3.0					22.8	960	2.61	7.84	.33
DEC	60.3	11.7	1.9	4.8	2.6	5.4	4.8	5.9	2.3	.1				28.0	992	3.29	6.46	.27
ANNUAL	58.2	12.3	1.9	5.1	3.1	5.8	5.2	5.0	3.0	.3	.0			29.5	11683	45.84		

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

2

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

13849 (STATION) SHAW AEB SOUTH CAROLINA/SUMTER (STATION NAME) 46-78 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR	MAY	JUN	JUL	AUG	SEP.	OCT.	NOV.	DEC	ALL MONTHS
46												.87	
47	1.15	.20	1.31	2.73	.74	1.75	.84	2.23	2.31	1.56	2.31	1.35	2.73
48	1.05	1.74	1.48	.85	.98	2.04	1.19	1.25	2.77	3.06	1.70	.62	3.06
49	.44	1.19	.38	1.10	2.57	.98	.45	2.85	1.19	.94	.67	.75	2.85
50	.70	.35	1.30	.90	1.06	.97	1.85	.65	1.51	.78	.33	1.38	1.85
51	.25	.48	1.71	.86	.34	.60	1.51	.79	1.60	.09	.80	.83	1.71
52	1.29	1.18	1.43	.81	1.71	1.68	1.85	3.29	.95	.31	.61	.83	3.29
53	1.39	1.26	1.37	2.02	1.70	.57	1.34	1.75	3.04	.09	.37	2.13	3.04
54	.70	.34	.69	1.02	1.38	6.30	.27	2.03	.19	2.77	.36	1.31	6.30
55	3.78	1.14	.54	1.78	.83	2.88	1.66	.75	1.59	1.56	.78	.19	3.78
56	.91	1.20	.96	1.22	.31	2.51	.70	1.03	1.90	3.90	.25	1.24	3.90
57	.61	.36	1.58	.78	1.73	2.85	1.16	1.63	.92	.53	1.55	.71	2.85
58	1.57	1.39	1.62	1.76	1.07	2.39	1.76	.76	.58	1.25	.28	1.35	2.39
59	.58	1.94	1.35	.96	1.31	1.50	3.51	1.20	3.97	2.09	1.25	2.10	3.97
60	1.49	1.63	1.57	2.26	.54	2.01	2.12	.86	1.70	.81	1.07	1.31	2.26
61	.60	1.73	2.27	1.97	1.83	3.11	1.55	2.01	.83	.70	1.20	1.01	3.11
62	.87	2.39	1.87	.98	.71	1.11	.95	1.53	2.52	.56	2.02	.91	2.52
63	1.48	.73	1.38	1.54	.47	1.09	1.32	.57	2.12	.06	1.92	1.00	2.12
64	1.96	1.96	1.08	1.29	1.77	.76	2.21	2.08	2.88	3.31	.27	1.38	3.31
65	.49	1.17	1.77	.61	1.13	3.45	2.42	1.03	1.69	1.84	1.55	.29	3.45
66	* 1.52	1.28	3.19	1.58	2.34	.96*	3.31*	1.50	1.30	.73	.44	.72	* 3.31
67	.80	1.27	.58	1.28	2.76	.79	.99	4.00	1.44	.66	1.60	1.40	4.00
68	1.33	.84	.47	1.09	1.13	2.27	.74	1.97	.24	2.73	1.55	.69	2.73
69	1.04	2.44	1.97	1.10	3.48	1.01	1.60	1.30	.83	.53	1.04	1.18	3.48
70	1.16	.97	2.77	.16	.85	5.17	.57	.65	1.19	1.25	1.48	2.89	5.17
71	1.18	1.23	5.65	1.32	1.36	1.15	.75	2.27	.86	2.10	1.28	1.00	5.65
72	1.98	1.02	1.10	.26	.97	1.92	2.45	1.54	2.09	.57	1.21	1.33	2.45
73	.68	2.70	1.61	1.89	1.33	7.51	1.77*	.52	1.45	.74	.28	1.21	7.51
74	2.18	1.15	.70	.84	1.02	.55	2.97	2.84	3.17	.03	1.27	1.32	3.17
75	1.45	1.68	.99	1.38	2.93	3.65	1.62	.43	1.87	.75	1.05	1.34	3.65
MEAN													
S. D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OL-A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 46-78 (YEARS)

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
76	1.49	.66	1.46	.89	2.24	3.26	2.41	1.03	2.10	1.88	1.62	1.15	3.26
77	.61	1.19	1.27	.60	.63	.95	1.23	1.20	.80	.37	.48	1.41	1.41
78	2.28	.45	1.43	2.51	.66	1.36	1.06	.63	1.34	.06	1.94		
MEAN	1.209	1.227	1.527	1.261	1.371	2.159	1.510	1.538	1.654	1.207	1.079	1.163	3.223
S D.	.709	.631	.971	.609	.794	1.658	.750	.881	.881	1.046	.603	.522	1.096
TOTAL OBS.	991	904	992	960	992	960	991	989	960	992	960	992	11683

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 46-78 (YEARS)

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR	APR.	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
46												.90	
47	3.29	.32	5.14	6.58	1.82	5.13	3.30	3.93	3.14	3.58	7.84	4.23	48.30
48	3.37	4.74	6.04	1.25	3.46	3.97	3.08	4.79	5.76	5.21	7.55	3.78	53.00
49	.72	6.35	1.25	5.58	4.99	3.60	1.85	10.25	3.67	3.45	2.19	1.33	45.23
50	1.92	1.02	4.08	2.34	2.48	3.01	5.70	2.13	4.45	1.41	.80	4.50	33.84
51	.75	1.18	4.96	2.33	.40	2.22	6.65	2.34	4.32	.23	1.99	3.15	30.52
52	2.41	3.39	6.40	3.58	4.24	4.37	4.44	14.50	2.56	.49	1.44	2.62	50.44
53	2.74	5.79	3.51	3.36	2.58	2.14	1.85	2.89	6.56	.09	.78	6.46	38.75
54	1.70	.55	2.92	1.52	2.35	6.76	.69	4.48	.33	3.16	.98	2.27	27.71
55	6.60	1.97	1.67	3.11	2.79	5.29	6.31	2.48	2.87	2.52	1.67	.27	37.55
56	1.42	5.89	3.02	2.98	.85	3.68	1.94	4.11	4.22	6.58	.63	2.10	37.42
57	1.42	1.39	4.15	1.00	5.17	5.54	3.76	7.01	4.30	1.43	5.98	2.50	43.65
58	4.63	3.86	6.21	10.08	5.07	7.65	8.03	3.31	1.06	2.57	.33	3.40	56.20
59	2.70	5.18	5.26	2.36	4.97	3.28	13.35	3.08	6.62	9.11	1.48	3.09	60.48
60	5.30	5.84	3.67	4.87	1.05	3.74	7.52	2.65	4.36	2.63	1.95	2.24	45.82
61	1.27	5.64	5.29	5.80	4.19	8.90	9.07	8.52	.99	.70	1.44	2.19	54.00
62	3.82	4.36	4.29	2.91	1.60	5.87	3.53	4.62	3.40	.85	4.88	2.51	42.64
63	5.55	2.92	3.15	2.75	1.49	4.52	5.26	1.17	5.52	.11	5.27	3.55	41.26
64	7.37	5.77	4.38	2.43	2.47	4.58	11.98	5.44	4.74	8.75	.88	3.86	62.65
65	1.28	5.48	8.16	2.93	2.96	11.70	6.76	5.37	2.19	2.23	2.27	.70	52.03
66	* 5.82	4.09	3.87	3.32	9.63	2.90*	5.03*	8.62	2.34	1.34	.83	3.44	*51.23
67	2.98	3.40	1.66	2.27	6.32	2.80	5.99	7.48	1.81	.81	2.68	4.02	42.42
68	3.96	1.76	1.73	4.07	2.40	5.94	3.39	3.43	.51	5.42	3.94	2.61	39.16
69	2.08	4.97	3.83	3.49	5.46	5.25	5.38	3.17	1.96	1.07	1.32	2.93	40.91
70	2.51	2.48	8.21	.35	2.29	6.02	1.43	4.13	3.00	3.78	1.59	4.17	39.96
71	3.51	3.29	12.73	3.48	2.98	6.03	4.58	3.72	1.77	6.51	2.47	2.09	53.16
72	7.14	3.09	3.38	.78	6.19	7.04	6.07	5.67	4.51	1.20	5.36	4.64	55.07
73	3.17	6.52	6.39	3.75	3.93	17.83	4.63*	2.30	3.54	1.12	.43	5.71	*59.32
74	5.39	4.05	3.00	2.83	2.73	1.50	6.86	7.46	6.34	.03	2.95	4.84	47.98
75	5.36	5.76	3.78	4.83	9.56	7.33	10.88	1.51	4.78	1.03	2.18	4.68	61.68
MEAN													
S D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 46-78 (YEARS)

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR	APR	MAY	JUN	JUL.	AUG.	SEP.	OCT	NOV.	DEC.	ALL MONTHS
76	3.60	.88	3.55	.92	5.74	9.98	6.43	1.95	4.58	3.29	4.17	5.14	50.23
77	2.41	2.30	3.83	1.72	1.69	4.34	2.97	5.49	1.81	1.52	1.64	5.23	34.95
78	5.94	1.40	2.29	4.71	2.72	2.65	2.90	3.05	2.21	.10	3.25		
MEAN	3.42*	3.613	4.431	3.259	3.643	5.486	5.374	4.671	3.444	2.573	2.605	3.286	45.759
S.D	1.883	1.922	2.293	1.945	2.230	3.229	3.051	2.834	1.740	2.475	2.023	1.476	9.197
TOTAL OBS.	991	904	992	960	992	960	991	989	960	992	960	992	11683

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 46-72 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	01	02 05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01 2.50	2.51-5.00	5.01 10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1 0.4	0.5 1.4	1.5 2.4	2.5 3.4	3.5-4.4	4.5 6.4	6.5 10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4 6	7-12	13-24	25 36	37-48	49-60	61-120	OVER 120					
JAN	95.3	3.5	.7	.3	.1	.1								1.2	990	.3	3.4	.0
FEB	96.3	2.0	.7	.1	.6	.2				.1				1.7	904	1.0	16.5	.0
MAR	98.7	.8	.3		.1		.1							.5	992	.2	3.9	.0
APR	100.0														960	.0	.0	.0
MAY	100.0														992	.0	.0	.0
JUN	100.0														960	.0	.0	.0
JUL	100.0														992	.0	.0	.0
AUG	100.0														984	.0	.0	.0
SEP	100.0														960	.0	.0	.0
OCT	99.9	.1													992	TRACE	TRACE	.0
NOV.	99.7	.3													959	TRACE	TRACE	.0
DEC	97.8	1.9	.2					.1						.3	992	.2	4.6	.0
ANNUAL	99.0	.7	.2	.0	.1	.0	.0	.0		.0				.3	11682	1.7		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

13849 (STATION) SHAW AEB SOUTH CAROLINA/SUMTER (STATION NAME) 46-78 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR.	APR.	MAY	JUN	JUL	AUG	SEP.	OCT.	NOV	DEC	ALL MONTHS
46												.0	
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
51	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
52	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
54	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
55	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
56	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
58	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	4.6
59	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
60	TRACE	.1	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7
61	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
62	.3	TRACE	.3	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.3
63	TRACE	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.0
64	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
65	1.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
66	* .4	TRACE	.0	.0	.0	.0	.0*	.0	.0	.0*	.0	TRACE	* .4
67	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3
68	* .2	1.9	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.9
69	TRACE	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0
70	3.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.4
71	TRACE	TRACE	2.4	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.4
72	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
73	1.6	13.8	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.4	13.8
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
75	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 46-78 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP	OCT.	NOV.	DEC	ALL MONTHS
76	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
77	.9	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	.0	.9
78	TRACE	.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.0		
MEAN	.26	.81	.20	.00	.00	.00	.00	.00	.00	TRACE	TRACE	.16	.86
S.D.	.703	2.512	.767	.000	.000	.000	.000	.000	.000	.000	.000	.814	1.385
TOTAL OBS	990	904	992	960	992	960	992	989	960	992	959	992	11682

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

13849 STATION — SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME — 46-78 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR	APR	MAY	JUN.	JUL.	AUG	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46												.0	
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
51	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
52	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
54	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
55	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
56	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
58	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	6.5
59	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
60	TRACE	.1	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
61	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
62	.3	TRACE	.5	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.8
63	TRACE	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.0
64	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
65	1.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3
66	* .5	TRACE	.0	.0	.0	.0	.0*	.0	.0	.0*	.0	TRACE	* .5
67	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3
68	* .2	4.1	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	* 4.3
69	TRACE	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.1
70	3.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.4
71	TRACE	TRACE	2.4	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.4
72	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
73	3.0	16.5	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.8	* 20.3
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
75	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
MEAN													
S.D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

EXTREME VALUES
MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 46-78 (YEARS)

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR	APR.	MAY	JUN	JUL	AUG.	SEP.	OCT	NOV	DEC.	ALL MONTHS
76	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
77	.9	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	.0	.9
78	TRACE	.9	TRACE	.0	.0	.0	.0	.0	.0	.0	.0		
MEAN	.31	.97	.21	.00	.00	.00	.00	.00	.00	TRACE	TRACE	.17	.96
S D	.837	3.017	.799	.000	.000	.000	.000	.000	.000	.000	.000	.821	1.622
TOTAL OBS	990	904	992	960	992	960	992	989	960	992	959	992	11682

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH (FROM DAILY OBSERVATIONS)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 6-7.. (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	98.4	1.0	.2	.3	.1									.6	991			
FEB	98.3	.4	.4		.1	.1	.2	.3						1.2	904			
MAR	99.8		.1		.1									.2	992			
APR	100.0														960			
MAY	100.0														992			
JUN	100.0														960			
JUL	100.0														992			
AUG	100.0														989			
SEP	100.0														960			
OCT	100.0														992			
NOV	100.0														960			
DEC	99.0	.3	.2	.4	.1									.7	990			
ANNUAL	99.6	.1	.1	.1	.0	.0	.0	.0						.2	11682			

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

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 46-78 (YEARS)

DAILY SNOW DEPTH IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN.	JUL	AUG	SEP.	OCT.	NOV	DEC.	ALL MONTHS
46												0	
47	0	0	0	0	0	0	0	0	0	0	0*	0	* 0
48	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0
55	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
56	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	1	0	0	0	0	0	0	0	0	0	3	3
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	3	0	0	0	0	0	0	0	0	0	3
61	TRACE	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
62	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
63	TRACE	3	0	0	0	0	0	0	0	0	0	0	3
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	1	0	0	0	0	0	0	0	0	0	0	0	1
66	* 0	0	0	0	0	0	0*	0	0	0	0	0	0
67	0	1	0	0	0	0	0	0	0	0	0	0	1
68	0	1	0	0	0	0	0	0	0	0	0	0	1
69	TRACE	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
70	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	1	0	0	0	0	0	0	0	0	TRACE	1
72	0	0	0	0	0	0	0	0	0	0	0	0	0
73	3	17	0	0	0	0	0*	0	0	0	0	TRACE	17
74	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

13849 (STATION) SHAW AEB SOUTH CAROLINA/SUMTER (STATION NAME) 46-78 (YEARS)

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR.	APR	MAY	JUN	JUL.	AUG	SEP	OCT.	NOV	DEC	ALL MONTHS
76	0	0	0	0	0	0	0	0	0	0	0	0	0
77	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
78	TRACE	TRACE	0	0	0	0	0	0	0	0	0		
MEAN	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5
S.D.	.562	3.029	.554	.000	.000	.000	.000	.000	.000	.000	.000	.539	.962
TOTAL OBS.	991	904	992	960	992	960	992	989	960	992	960	990	11682

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

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

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

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

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

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

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

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

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

74-29962

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 46-78 (YEARS)

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR.	MAY	JUN.	JUL	AUG	SEP.	OCT.	NOV	DEC	ALL MONTHS
46													
47	SW 36	SW 38	W 49	SSW 36	SSE 31	SSE 47	WNW 35	NNW 31	NNE 31	NNE 34	ENE 33	W 29	W 49
48	NW 30	WNW 38	WSW*34		WSW 42	ESE 48	SW 44	WNW 35	WNW 24	NW 34	SSW 31	S 28	
49	WNW 28	WNW*34	W *34	NNE 36	SSW 39	SSE 31	SW 33	S 43	SSE 23	E 23	NNW 27	SE 23	S 43
50	NE 33	WNW 35	WNW 41	S 38	NNW 37	WSW 40	SW 29	NE *11			WNW*40	SSE 36	
51	SW 35	SW 49	SW 35	NNW 36	NW 36	WSW 68	WSW 37	W 40	SSW 42	NNE 25	WSW 36	SSW 35	WSW 68
52	W 42	SW 41	SSW 49	SE 35	SW 41	NNW 55	NNE 55	ENE 58	NNE 26	N 30	N 31	W 30	ENE 58
53	WSW 38	WSW 37	ESE 36	SSW 44	WSW 54	NE 30	SSE 32	SSE 30	E 26	SSE 25	NNE 32	WSW 36	WSW 54
54	SW 31	WSW 46	WNW 35	N 50	WSW 42	WSW 36	NW 36	NNW 41	W 35	NE 50	WNW 35	NE 43	N 50
55	ENE 39	W 45	WSW 58	WSW 42	ENE 37	NNW 45	ENE 38	NE 38	ESE 30	WSW 28	WSW 38	WNW 31	WSW 58
56	SW 33	SSW 42	WSW 44	WSW 50	NNE 30	ESE 33	WNW*31	SSW*24	SSE*36	NNE*40	WSW*33	W 41	WSW 50
57	SSW*36	SSW 33	NNE 36	SE 43	NNE 32	SW 48	W 29	NW 47	ENE*30	NNE 25	WSW*33	SSW 38	SW 48
58	NNW 30	WSW 43	NNE 28	WNW 43	W 42	WNW 32	SSE 30	SSE 35	NNW 30	NNE 28	NW 33	WSW 33	WSW 43
59	S 48	W 33	WSW 36	NE 42	SSW 24	NE 37	NNE 37	NNE 28	E 47	SSE 26	NNE 26	NE 27	S 48
60	NE 27	SSW 37	WSW 30	W 31	WSW 26	S 28	W *32	SSW*18	NE 22	N 20	N 23	W 28	SSW 37
61	N *31	WSW 40	W 35	WSW 42	WNW 29	WSW*43	W *41	SSW*34	ESE*23	N *25	SE *31	WSW 22	WSW*43
62	WNW*34	W *34	WSW*35	W 38	NNW 40	SE 30	NW *27	WNW*36	NNE*25	W *23	W *30	NNE*29	NNW 40
63	NNW 26	WSW*26	WSW 37	E 28	ENE 27	N *42	NNW*28	ENE*20	WNW*30	NNE*24	W 36	W *26	N *42
64	W 42	NW *31	WNW 35	NNW 26	E 29	SSW 31	SSW 27	W 38	ENE 27	NNE 31	NNW 35	NNW 33	W 42
65	W *39	WSW 50	SW 36	WSW 37	SSW 44	SSW 29	NNE 37	WNW*41	ENE*23	WSW 31	NNW 30	N 29	WSW 50
66	W 38	SW 52	W 34	WSW 37	NNE 30	N 28	NW 30	SSW*21	S 26	W 29	W 31	W 28	SW 52
67	W 34	WSW 28	E 43	N 32	WNW 40	ENE 44	NW 33	SW 30	NE 20	WSW 25	W 38	W 33	ENE 44
68	IIE 27	WNW 28	S 31	WSW 26	NNW 35	NW 28	29/ 26	20* 40	5/ 23	2/ 36	5/ 31	32/ 36	29* 40
69	28/ 29	26/ 39	30/ 44	20/ 30	22/ 24	24/ 32	27/ 28	29/ 23	5/ 16	3/ 28	7/ 39	27/ 30	30/ 44
70	23/ 30	21/ 31	27/ 26	26/ 42	28/ 24	14/ 45	22/ 30	28/ 31	24/ 24	3/ 26	20/ 30	31/ 30	14/ 45
71	28/ 37	28/ 37	28/ 38	23/ 27	22/ 34	17/ 31	18/ 52	9/ 30	36/ 24	7/ 23	33/ 25	4/ 30	18/ 52
72	33/ 26	32/ 37	30/ 40	30/ 32	31/ 43	2/ 29	25* 38	29* 72	29* 30	4* 28	27/ 42	31/ 30	29* 72
73	31/ 28	28* 28	27* 42	27/ 36	33/ 38	16* 12		1* 26	4* 22	27* 23	30/ 38	21* 34	
74	30/ 31	26/ 68	27* 42	28* 33	29* 22	5* 24	3/ 42	16* 28	23/ 26	3* 22	27/ 31	11/ 37	26/ 68
75	21/ 33	31/ 42	27/ 38	29/ 36	25/ 30	24* 40	17* 58			2* 26	31/ 27	25/ 47	
MEAN													
S D.													
TOTAL OBS													

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

13840 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 46-78 (YEARS)

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB	MAR	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
76	26/ 28	32/ 40	27/ 39	31/ 42	31/ 32	30/ 30	23/ 30	2/ 28	6/ 27	26/ 39	29/ 30	27/ 34	31/ 42
77	26/ 38	23/ 43	19/ 40	25/ 38	34/ 24	36/ 44	1/ 43	36/ 30	33/ 35	1/ 30	25/ 30	25/ 35	36/ 44
78	24/ 50	28/ 42	26/ 31	1/ 31	21/ 35	34/ 30	24/ 26	15/ 23	7/ 26	29/ 26	3/ 20		
MEAN	33.8	40.5	37.9	36.9	34.5	37.4	35.0	35.1	27.7	29.2	31.8	32.6	49.9
S D	6.366	6.159	6.883	6.404	7.252	10.001	7.715	8.556	7.018	6.381	5.147	5.594	7.457
TOTAL OBS.	963	859	951	922	948	905	891	857	849	898	909	936	10868

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	2.0	3.8	1.8	.2								7.9	5.2
NNE	1.6	2.9	1.2	.4								6.1	5.5
NE	2.0	4.3	2.6	1.0								9.9	6.0
ENE	.8	2.0	1.0	.1								3.9	5.4
E	.6	.9	.6	.1								2.3	5.9
ESE	.1	.2										.3	3.7
SE	.3		.1									.4	3.3
SSE	.8		.1									.9	3.0
S	1.4	.9	.2	.5								3.0	5.3
SSW	1.1	1.8	.8			.1						3.8	5.4
SW	1.3	2.0	.9	.5	.4	.1						5.3	7.1
WSW	.9	1.9	1.3	1.0		.2						5.3	7.7
W	1.3	3.2	3.2	1.5		.1						9.4	7.3
WNW	1.4	2.4	1.4	.3								5.5	5.5
NW	1.0	1.9	.9	.1								3.9	4.9
NNW	.6	1.6	.6	.3								3.2	5.5
VARBL													
CALM												28.9	
	17.3	30.0	16.7	6.1	.4	.5						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 927

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	3.2	2.5	1.8	.3								7.9	4.7
NNE	1.7	4.5	2.0	.4								8.7	5.3
NE	2.5	3.8	2.7	.8	.1							9.8	5.9
ENE	1.0	.9	1.9	.2	.1							4.1	6.8
E	.6	.1	.9	.1								1.7	5.9
ESE		.1										.1	4.0
SE	.3	.4										.8	3.1
SSE	.1		.1									.2	5.5
S	.9	.4	.6	.3								2.3	6.0
SSW	1.4	.8	1.0	.1								3.2	4.8
SW	1.2	1.7	2.0	.3								5.3	6.2
WSW	.5	2.2	1.6	.8		.2						5.3	7.4
W	.8	4.4	2.2	.5	.3	.4						8.6	7.7
WNW	2.0	2.5	1.1	.3								5.9	5.0
NW	.9	2.7	1.0									4.5	5.2
NNW	1.3	2.7	.4									4.4	4.2
VARBL													
CALM												27.1	
	18.4	29.7	19.4	4.2	.5	.6						100.0	4.2

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.8	2.5	1.5	.3								7.1	4.9
NNE	2.2	3.8	1.8	.4								8.2	5.3
NE	2.9	4.0	3.9	1.7								12.5	6.4
ENE	1.4	1.5	1.4	.1	.3							4.7	6.2
E	.8	.9	.3									1.9	4.6
ESE	.3	.1										.4	3.0
SE	.2											.2	2.5
SSE													
S	1.0	.5	.2	.2								1.9	4.6
SSW	1.6	1.4	1.3	.4	.1							4.8	5.8
SW	1.5	1.6	1.4	.2								4.7	5.3
WSW	1.2	1.7	1.8	.6	.1	.1	.1					5.7	7.1
W	.8	3.3	2.5	.6	.3		.1					7.6	7.5
WNW	1.7	3.2	1.0			.1						6.0	5.0
NW	1.0	2.3	1.1	.1								4.4	5.2
NNW	1.6	1.5	.6	.1								3.9	4.5
VARBL													
CALM												25.7	
	20.9	28.3	18.8	5.0	.9	.2	.2					100.0	4.3

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JAN (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	1.2	1.4	2.8	1.2								6.6	7.4
NNE	.5	1.9	2.3	1.1								5.8	7.6
NE	1.2	3.4	5.3	2.3	.2							12.4	7.9
ENE	2.6	4.1	3.4	.8								10.9	6.0
E	1.5	1.5	1.4	.1								4.5	5.2
ESE	1.1	.5	.1									1.7	3.4
SE	.3	.3	.1									.8	4.7
SSE	.6	.8	.1									1.5	4.1
S	.8	1.1	.1	.3								2.3	5.6
SSW	1.5	1.4	1.4	.5	.1							4.9	5.9
SW	.5	1.4	2.0	1.3	.1							5.4	8.0
WSW	.8	1.0	4.3	1.2	.3							7.5	8.8
W	1.6	3.1	4.0	2.3	.5	.3						11.8	8.3
WNW	.5	2.7	2.0	.2		.2						5.7	6.9
NW	.9	1.5	.5	.3								3.2	5.6
NNW	.3	1.4	1.8	.8								4.3	7.2
VARBL													
CALM												10.8	
	15.9	27.5	31.7	12.3	1.3	.5						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)

13849	SHAW AFB SOUTH CAROLINA/SUMTER	66-70,74-78	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.8	2.9	.4	.1							6.1	7.2
NNE	1.3	1.9	1.7	1.7								6.7	7.4
NE	1.7	2.4	3.2	1.5	.1							8.9	7.2
ENE	1.7	3.4	3.0	.4								8.6	6.0
E	2.0	2.3	1.1	.3								5.7	5.1
ESE	.6	1.3	.2									2.2	4.3
SE	.3	.5										.9	3.9
SSE	.8	.6	.1									1.5	3.6
S	1.1	.9	1.3		.1							3.3	6.0
SSW	.9	2.4	1.8	.9	.1							6.0	6.8
SW	.3	1.4	2.5	1.7	.1							6.0	8.8
WSW	1.0	1.4	2.8	2.6	.5	.2						8.5	9.4
W	1.2	3.1	4.9	4.4	.9	.1	.1					14.7	9.5
WNW	.3	1.6	2.0	1.5	.4							5.9	9.1
NW	.4	1.5	1.7	.4								4.1	6.8
NNW	.6	1.4	1.9	1.2								5.2	7.8
VARBL													
CALM												5.7	
	15.2	28.0	31.3	17.1	2.4	.3	.1					100.0	7.1

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	1.0	2.0	1.7	.9								5.6	6.7
NNE	.9	1.2	2.0	.6								4.7	7.3
NE	1.5	3.3	3.0	1.3								9.1	6.6
ENE	1.3	2.6	2.0	.4								6.3	6.0
E	2.0	2.3	.4									4.7	4.0
ESE	2.0	.9	.2									3.1	3.1
SE	.5	.9	.1									1.5	4.0
SSE	.6	1.0	.6									2.3	5.4
S	1.5	1.9	.4	.2	.2	.1						4.4	5.7
SSW	1.4	2.6	2.5	.8								7.2	6.4
SW	.5	1.4	2.0	1.4								5.4	8.3
WSW	.9	2.4	2.9	2.2	.2							8.5	8.3
W	1.3	2.5	5.7	3.5	1.0	.1	.1					14.2	9.7
WNW	.5	2.4	2.5	1.1	.1							6.6	7.9
NW	.8	2.0	1.2	.5								4.5	6.4
NNW	.6	2.0	1.6	.9								5.2	7.1
VARBL													
CALM												6.7	
	17.4	31.3	29.0	13.8	1.5	.2	.1					100.0	6.6

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	1.2	1.7	.4								4.3	6.3
NNE	1.4	2.3	1.2	.1								4.9	5.1
NE	2.4	3.4	2.7	1.0								9.5	6.0
ENE	1.2	1.7	.6	.2								3.8	5.0
E	1.8	.3	.2	.1								2.5	3.4
ESE	.3	.3										.6	3.7
SE	.4	.4	.1									1.0	4.0
SSE	.8	.8	.3	.1								1.9	4.8
S	1.3	1.3		.2	.1							2.9	4.9
SSW	2.0	1.3	.6	.1	.2							4.3	4.9
SW	1.6	1.5	.9	.4								4.4	5.6
WSW	1.0	1.8	2.4	.5	.1							5.8	6.9
W	2.9	6.1	2.8	1.6	.1	.1						13.7	6.4
WNW	1.8	2.3	1.0	.9								5.9	5.8
NW	.8	1.4	.8	.3								3.2	5.6
NNW	1.1	2.3	.3									3.7	4.2
VARBL													
CALM												27.6	
	21.7	28.4	15.6	6.0	.5	.1						100.0	4.1

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70, 74-78 (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	1.1	2.6	1.2	.1								4.9	5.4
NNE	1.4	2.6	1.5									5.5	5.4
NE	1.7	2.5	2.3	1.2								7.6	6.5
ENE	1.6	1.7	.9	.3								4.5	5.1
E	.3	.3	.4									1.1	5.2
ESE	.6	.3										1.0	2.9
SE	.5	.2										.8	3.1
SSE	1.0	.4	.1	.2								1.7	4.7
S	1.2	1.1	.4	.1	.1	.1						3.0	6.0
SSW	1.8	2.0	1.0	.4								5.3	5.4
SW	1.5	1.8	.9	.3								4.5	5.4
WSW	.4	1.3	1.7	.9			.1					4.4	8.4
W	.6	4.2	3.3	2.4	.1							10.6	7.8
WNW	1.2	1.9	1.1	.3								4.5	5.3
NW	1.6	1.7	.8	.1								4.2	4.7
NNW	1.4	1.1	.3	.2								3.0	4.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	33.3	
	18.1	25.8	15.8	6.6	.2	.1	.1					100.0	4.0

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	1.6	2.2	1.9	.5	.0							6.3	5.9
NNE	1.4	2.6	1.7	.6								6.3	6.0
NE	2.0	3.4	3.2	1.3	.1							10.0	6.6
ENE	1.4	2.2	1.8	.3	.1							5.9	5.9
E	1.2	1.1	.7	.1								3.1	4.8
ESE	.6	.5	.1									1.2	3.5
SE	.4	.3	.1									.8	3.8
SSE	.6	.4	.2	.0								1.3	4.5
S	1.1	1.0	.4	.2	.1	.0						2.9	5.5
SSW	1.5	1.7	1.3	.4	.1	.0						5.0	5.8
SW	1.1	1.6	1.6	.8	.1	.0						5.1	6.9
WSW	.8	1.7	2.4	1.2	.2	.1	.0					6.4	8.1
W	1.3	3.8	3.6	2.1	.4	.1	.0					11.3	8.1
WNW	1.2	2.4	1.5	.6	.1	.0						5.8	6.4
NW	.9	1.9	1.0	.2								4.0	5.6
NNW	1.0	1.7	1.0	.4								4.1	5.8
VARBL													
CALM												20.7	
	18.1	28.6	22.3	8.9	1.0	.3	.1					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 7433

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	1.2	2.5	1.4	.2								5.3	5.7
NNE	2.0	2.7	1.9	.6								7.2	5.8
NE	1.7	3.8	1.4	.8								7.7	5.7
ENE	1.1	1.1	.9	.2								3.3	5.4
E	.5	1.2	.6									2.2	5.1
ESE	.4											.4	2.3
SE	.6											.6	2.0
SSE		.2	.8	.1								1.2	7.9
S	1.5	1.5	1.4	.4								4.8	5.5
SSW	1.5	3.7	1.5	.1								6.9	5.2
SW	1.4	2.4	1.1	.5								5.3	5.4
WSW	1.3	2.5	1.4	.6								5.8	5.9
W	1.2	3.1	3.8	1.5								9.6	7.5
WNW	1.1	1.9	1.2	.2								4.4	5.3
NW	.7	1.3	1.4	.4								3.8	6.3
NNW	.8	1.3	1.4	.1								3.7	6.0
VARBL													
CALM												27.9	
	16.9	29.1	20.3	5.8								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 846

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	1.7	4.8	1.3	.2								8.0	4.9
NNE	2.4	3.8	1.9	.5								8.5	5.2
NE	2.6	4.3	2.6	.6								10.0	5.4
ENE	.9	1.4	1.2									3.5	5.3
E	.7	.8	.5									2.0	4.6
ESE		.1	.1									.2	5.5
SE	.5	.2	.1	.2								1.1	5.6
SSE	.2	.1		.2	.1							.7	9.7
S	.8	1.1	.5	.8	.2							3.4	7.7
SSW	1.9	1.7	.8									4.4	4.7
SW	.6	2.2	1.9	.5								5.2	6.8
WSW	.2	2.1	1.9	.7								5.0	7.4
W	1.5	3.0	5.0	.9	.1							10.5	7.3
WNW	1.4	2.1	1.2	.5	.1							5.3	6.2
NW	1.2	1.3	.5	.1								3.1	4.7
NNW	.6	1.1	1.1	.1								2.8	6.0
VARBL													
CALM												26.1	
	17.3	30.1	20.4	5.4	.6							100.0	4.4

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	1.7	3.4	1.4	.1								6.6	5.2
NNE	1.5	3.5	3.5	.4								9.0	6.1
NE	2.5	4.7	2.5	1.1								10.8	5.8
ENE	1.1	2.8	1.2	.2								5.3	5.4
E	.1	.5	.6									1.2	6.6
ESE	.1	.1	.2									.5	5.3
SE	.1	.1			.1							.4	8.0
SSE	.6											.6	2.0
S	1.4	.9	.5	.1	.4	.1		.1				3.5	7.6
SSW	2.4	1.8	.6	.6	.1							5.4	5.3
SW	1.3	1.1	1.7	.8								4.8	6.8
WSW	.7	1.9	1.3	.9	.1							5.0	7.4
W	.9	2.5	3.4	.8								7.7	7.1
WNW	.7	2.2	1.4	.6	.1							5.1	6.6
NW	.7	1.8	.7	.1								3.3	5.3
NNW	.9	2.4	1.4									4.7	5.7
VARBL													
CALM												26.1	
	16.8	29.8	20.4	5.8	.8	.1		.1				100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 846

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	1.9	3.5	.2								6.4	6.8
NNE	.6	2.0	4.6	1.2								8.4	7.7
NE	.8	2.5	5.0	1.9	.1							10.3	8.2
ENE	1.3	3.4	3.8	1.1								9.6	6.8
E	1.7	1.7	.7									4.0	4.4
ESE	.7	.7	.5	.2								2.1	5.8
SE	.2	.4	.2	.1								.9	5.5
SSE	.1	.6	.5	.1								1.3	6.3
S	1.3	1.8	.9	.5	.1							4.6	6.0
SSW	1.3	2.5	2.4	.9	.1	.2						7.4	7.4
SW	.7	2.4	2.1	1.9	.2		.1					7.4	8.6
WSW	.8	2.4	3.5	1.3	.1							8.2	7.9
W	.1	2.8	4.4	1.8	.1							9.2	8.5
WNW	.8	1.4	1.1	1.7	.2							5.2	8.5
NW	.6	.8	1.7	.2								3.3	6.8
NNW	.8	1.8	3.3	.6								6.5	7.1
VARBL													
CALM												5.1	
	12.6	29.0	38.2	13.7	1.1	.2	.1					100.0	7.0

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)

13849 (STATION) | SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) | 66-70, 74-78 (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	1.4	2.7	2.5	.2								6.9	6.1
NNE	.7	1.8	2.5	1.3								6.3	7.7
NE	.7	2.4	3.7	.6								7.3	7.1
ENE	1.1	2.2	1.9	.4								5.6	6.3
E	.9	1.7	1.5	.1	.2							4.5	6.2
ESE	.5	.2	.2									.9	4.4
SE	.5		.5	.1								1.1	6.6
SSE	.9	.6	.2	.7								2.5	6.8
S	1.3	1.4	1.5	1.2								5.4	7.0
SSW	.6	1.8	2.7	1.8	.4	.1						7.3	9.2
SW	.5	1.3	3.7	2.8	.2	.2						8.7	9.9
WSW	.6	2.1	4.0	4.0	.2	.1						11.1	9.6
W	.5	2.1	4.3	4.3	.9							12.1	9.9
WNW	1.1	1.9	2.4	1.4								6.7	7.7
NW	.5	1.8	2.5	.5	.2							5.4	7.6
NNW	.5	2.0	2.2	.9								5.7	7.3
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	2.5	
	12.2	26.0	36.3	20.3	2.2	.5						100.0	7.9

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	.7	2.2	3.0	.4								6.3	6.5
NNE	.7	1.8	1.2	.9								4.6	7.1
NE	.6	2.6	3.9	.4								7.4	7.0
ENE	.8	1.8	1.1	.4	.1							4.1	6.3
E	.8	.9	.8	.4								3.0	5.8
ESE	.6	.5	.2									1.3	4.4
SE	.4	.4	.1	.2								1.1	6.1
SSE	.4	.6	.5	.6								2.0	7.4
S	1.3	2.7	2.5	1.4								7.9	6.9
SSW	1.3	1.9	2.7	2.1	.1							8.2	8.0
SW	.5	2.2	3.7	3.7	.2							10.3	9.5
WSW	.7	1.8	3.5	4.1	.5	.2						10.9	10.0
W	1.2	2.6	4.1	3.8	.4	.1						12.2	9.3
WNW	.5	1.4	2.1	1.9	.2							6.1	8.8
NW	.2	2.5	1.7	1.1	.1							5.6	7.9
NNW	.4	2.1	1.9	1.1		.1						5.6	7.9
VARBL													
CALM												3.5	
	11.0	28.0	33.0	22.3	1.7	.5						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.1	1.1	.1								5.0	5.0
NNE	1.3	1.8	.9	.4								4.4	5.2
NE	1.7	2.8	1.5	.8								6.9	5.9
ENE	1.1	1.3	.9	.2								3.5	5.6
E	1.1	1.2	.1									2.4	3.7
ESE	.8	.6	.4	.1								1.9	4.7
SE	.1	.1	.4									.6	7.2
SSE	1.7	.8	.8	.1								3.4	5.1
S	1.7	1.7	1.1									4.4	4.8
SSW	2.7	4.0	1.8	.4								8.9	5.1
SW	1.9	2.7	2.0	.7	.1							7.4	5.9
WSW	1.1	1.9	1.7	1.1		.1						5.8	7.2
W	1.8	4.1	3.8	.7	.4	.1						10.9	6.8
WNW	1.1	.9	1.5	.6	.1							4.3	7.0
NW	1.5	2.8	.7	.4								5.4	5.3
NNW	1.2	1.2	1.3	.5								4.1	6.2
VARBL													
CALM												20.8	
	22.2	30.1	20.0	6.0	.6	.2						100.0	4.6

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) FEB (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	.8	2.8	1.4	.4								5.4	6.0
NNE	1.2	2.2	1.4	.5								5.3	5.9
NE	1.9	2.2	1.3	.1								5.6	4.9
ENE	.9	.9	1.5	.2								3.7	6.1
E	.9	1.4	.4									2.7	4.4
ESE	.4	.7	.4									1.4	5.4
SE	.6	.2	.1	.4								1.3	5.7
SSE	.6	.4	.8	.1								1.9	5.9
S	1.7	2.4	1.5	.6								6.1	5.8
SSW	3.3	3.0	1.1	.4								7.7	4.6
SW	1.8	2.2	1.7	.5								6.1	5.5
WSW	.5	2.0	3.0	.8								6.3	7.5
W	1.2	1.5	2.6	1.1	.1	.1						6.6	8.1
WNW	.9	1.9	2.2	.6								5.7	6.8
NW	1.4	1.1	1.4	.5								4.4	6.0
NNW	.6	.8	2.0	.5								3.9	7.6
VARBL													
CALM												25.9	
	18.7	25.9	22.8	6.5	.1	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 846

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	1.2	2.8	2.0	.2								6.2	5.8
NNE	1.3	2.5	2.2	.7								6.7	6.3
NE	1.6	3.2	2.7	.8	.0							8.2	6.3
ENE	1.0	1.9	1.6	.3	.0							4.8	6.0
E	.8	1.2	.7	.1	.0							2.7	5.1
ESE	.4	.4	.3	.0								1.1	4.9
SE	.4	.2	.2	.1	.0							.9	5.8
SSE	.6	.4	.5	.3	.0							1.7	6.3
S	1.4	1.7	1.2	.6	.1	.0		.0				5.0	6.4
SSW	1.9	2.5	1.7	.6	.1	.0						7.0	6.3
SW	1.1	2.1	2.2	1.4	.1	.0	.0					6.9	7.6
WSW	.7	2.1	2.5	1.7	.1	.1						7.2	8.2
W	1.0	2.7	3.9	1.9	.3	.0						9.8	8.2
WNW	.9	1.7	1.6	.9	.1							5.3	7.2
NW	.9	1.7	1.3	.4	.0							4.3	6.4
NNW	.7	1.6	1.8	.5		.0						4.6	6.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	17.2	
	16.0	28.5	26.4	10.7	.9	.2	.0	.0				100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 6768

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	1.6	2.7	2.2	.2	.1							6.8	6.1
NNE	1.4	1.9	.9									4.2	4.8
NE	1.2	1.3	.5	.4								3.4	5.5
ENE	.8	1.1	.8	.2								2.8	5.6
E	2.2	2.4	.6									5.2	4.3
ESE	.3	1.2	.5	.3								2.4	6.1
SE	1.1	.4		.1								1.6	3.3
SSE	1.0	.9	.1	.1								2.0	4.3
S	1.4	1.7	1.4	.4								4.9	6.0
SSW	3.2	4.2	1.5	.5	.1							9.6	5.1
SW	1.9	2.6	.6	.2								5.4	4.5
WSW	1.4	1.1	2.5	.8								5.7	7.0
W	.4	4.0	2.7	.5								7.6	6.5
WNW	1.2	2.5	1.3	.4								5.4	5.6
NW	.5	2.7	.5	.4								4.2	5.8
NNW	1.2	1.2	.8									3.1	4.8
VARBL													
CALM												25.7	
	20.8	31.7	16.9	4.7	.2							100.0	4.1

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)

13849 (STATION) | SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) | 66-70,74-78 (YEARS) | MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.7	2.6	.9	.3								7.4	4.2
NNE	1.5	2.9	1.2	.4								6.0	5.6
NE	2.3	2.6	.5	.4								5.8	4.6
ENE	.6	1.9	.4									3.0	4.7
E	1.5	1.6	.4	.2								3.8	4.6
ESE	1.2	1.0	.3	.1								2.6	4.2
SE	.6	.2	.2	.1								1.2	4.2
SSE	.5	.1	.1									.8	3.3
S	.9	1.0	.2	.4								2.5	5.3
SSW	3.3	4.2	1.2	.9	.1							9.7	5.3
SW	1.7	2.4	1.2	.5								5.8	5.6
WSW	1.2	1.0	2.0	.9								5.1	7.2
W	1.3	3.2	2.9	1.3	.1							8.8	7.0
WNW	.8	2.6	.6	.4								4.4	5.5
NW	.9	2.0	.8									3.7	5.1
NNW	1.3	2.2	.8									4.2	4.7
VARBL													
CALM												25.4	
	23.2	31.4	13.8	6.0	.2							100.0	4.0

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.3	2.6	.2								6.7	5.8
NNE	2.3	3.2	1.5	.2								7.2	5.0
NE	2.8	2.8	1.6	.4								7.6	4.9
ENE	2.2	1.6	1.7	.2								5.7	5.2
E	1.3	2.2	.6	.1								4.2	4.9
ESE	.5	.6										1.2	3.1
SE	.2	.1	.1	.1								.5	5.6
SSE	.4	.4	.3									1.2	5.1
S	1.3	1.1	.9	.2								3.4	5.4
SSW	2.8	3.2	1.2	.3								7.5	5.0
SW	1.6	2.0	1.9	.8								6.3	6.3
WSW	.9	1.6	2.3	1.1	.1							5.9	7.7
W	1.2	3.4	1.5	1.8	.2							8.2	7.2
WNW	1.3	2.5	1.1	.4								5.3	5.8
NW	.8	2.0	1.1									3.9	5.3
NNW	1.2	1.5	.4									3.1	4.2
VARBL													
CALM												22.0	
	22.3	30.6	18.8	5.9	.3							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70, 74-78 (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	2.6	1.8	.6								5.9	6.6
NNE	1.1	.9	2.6	1.2								5.7	7.6
NE	.2	2.5	2.8	1.6								7.1	8.2
ENE	1.4	2.9	4.0	1.3								9.6	7.0
E	1.9	3.1	2.3	.2								7.5	5.3
ESE	.5	.9	.3	.1								1.8	4.9
SE	.2	.9	.6	.1								1.8	6.4
SSE	.4	.8	.4	.1								1.7	5.7
S	1.1	1.1	.6	.6		.1						3.5	6.7
SSW	.8	2.0	3.2	2.0	.1							8.2	8.1
SW	.5	1.3	2.5	2.5	.4							7.2	9.7
WSW	.5	2.9	2.7	1.7								7.8	7.8
W	1.0	3.9	4.7	3.7								13.2	8.5
WNW	.6	1.4	1.7	1.0	.1							4.8	8.2
NW	.9	1.6	1.8	1.0								5.3	7.4
NNW	.8	.5	1.6	.9								3.8	7.5
VARBL													
CALM												4.9	
	12.8	29.1	33.8	18.6	.6	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	1.1	1.7	1.7	.8								5.3	6.6
NNE	.8	1.8	2.0									4.6	6.3
NE	.9	1.3	1.8	.3								4.3	6.7
ENE	1.7	2.8	2.6	.4								7.5	6.1
E	1.3	3.8	1.5	.3								6.9	5.7
ESE	.4	1.0	.6	.3								2.4	6.4
SE	.1	1.5	.6	.1								2.4	6.1
SSE	1.0	.2	1.1	.4								2.7	6.3
S	.6	2.4	1.5	1.1	.1	.1						5.8	7.8
SSW	.4	2.3	2.3	1.9	.2							7.1	8.7
SW	.1	1.4	3.2	3.3	.8	.1						8.9	10.7
WSW	.6	1.5	3.8	4.9	.4	.8						11.9	11.0
W	.8	2.6	4.6	4.2	.8	.3						13.2	10.1
WNW	.3	1.1	2.8	1.0	.3							5.5	9.2
NW	.3	.3	2.2	.6		.1						3.5	9.3
NNW	.9	.9	2.3	.8								4.7	7.8
VARBL													
CALM												3.2	
	11.3	26.5	34.6	20.5	2.6	1.3						100.0	8.1

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	.4	1.2	1.3	.4								3.3	7.2
NNE	.6	1.0	1.2	.4								3.2	6.8
NE	.9	1.9	1.2	.3								4.3	6.0
ENE	1.0	2.0	1.7	.4								5.2	6.1
E	1.7	1.8	2.2	.2								5.9	5.7
ESE	.8	.5	1.0									2.3	5.8
SE	.6	.5	.3	.2								1.7	5.5
SSE	.6	1.2	.8	.2	.1							2.9	6.1
S	1.4	3.0	3.8	1.7								9.9	7.4
SSW	.8	1.1	3.1	2.4								7.3	8.8
SW	.5	1.4	4.4	2.2	.2							8.7	8.9
WSW	.3	2.0	4.3	3.1	.5							10.3	9.8
W	1.0	2.8	4.7	4.7	1.2	.2						14.6	10.2
WNW	.5	1.0	3.1	2.6	.6							7.8	10.1
NW	.5	1.0	2.0	1.2	.1							4.8	8.6
NNW	.2	.9	1.9	1.3								4.3	8.9
VARBL													
CALM												3.3	
	11.9	23.3	37.0	21.4	2.8	.2						100.0	8.0

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) MAR (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	1.8	.9	.9								4.4	6.7
NNE	.6	1.0	.6	.1								2.4	5.5
NE	1.9	1.5	.6	.4	.1							4.6	5.4
ENE	1.3	.9	1.2	.5								3.9	6.1
E	1.4	2.3	.6	.3								4.6	5.0
ESE	1.1	.6	.8									2.5	4.6
SE	.9	1.1	.6									2.7	4.9
SSE	1.2	1.4	.9									3.4	4.9
S	2.4	3.3	3.8	1.5								11.0	6.5
SSW	2.7	2.6	1.7	.8								7.7	5.4
SW	2.6	4.0	2.6									9.1	5.1
WSW	1.0	2.5	1.6	.3								5.4	5.7
W	1.9	4.0	2.4	3.0	.8							12.0	8.1
WNW	.6	1.6	1.6	1.5	.1							5.5	8.4
NW	.9	1.0	1.0	.2								3.0	6.3
NNW	.4	.8	.9	.3								2.4	6.6
VARBL													
CALM												15.4	
	21.7	30.2	21.8	9.9	1.0							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	.5	1.5	1.6	.3								4.0	6.7
NNE	.5	1.5	.4	.1								2.9	5.1
NE	1.5	1.2	.6	.3								3.7	5.2
ENE	.8	1.2	.6	.3								2.9	5.5
E	.6	1.1	1.0	.1								2.8	5.8
ESE	1.0	1.5	.5									3.0	4.5
SE	.8	1.1	.5									2.4	4.4
SSE	1.3	1.8	.8	.1								4.0	4.6
S	2.4	3.3	3.0	1.1	.1							9.9	6.5
SSW	4.1	4.0	3.2	.9								12.2	5.4
SW	2.5	2.9	1.1									6.5	4.5
WSW	.9	2.8	1.5	.1								5.3	5.7
W	1.7	2.5	2.5	1.8	.1							8.6	7.4
WNW	.9	1.1	.6	.4								3.0	6.1
NW	.9	1.6	.6	.6								3.8	6.3
NNW	.6	1.5	.9	.4								3.4	6.5
VARBL													
CALM												21.8	
	21.2	30.5	19.6	6.7	.2							100.0	4.5

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	1.3	2.0	1.6	.5	.0							5.5	6.0
NNE	1.1	1.8	1.3	.3								4.5	5.8
NE	1.5	1.9	1.2	.5	.0							5.1	5.9
ENE	1.2	1.8	1.6	.4								5.1	6.0
E	1.5	2.3	1.2	.2								5.1	5.2
ESE	.7	.9	.5	.1								2.3	5.1
SE	.6	.7	.4	.1								1.8	5.1
SSE	.8	.8	.6	.1	.0							2.3	5.2
S	1.4	2.1	1.9	.9	.0	.0						6.4	6.7
SSW	2.3	2.9	2.2	1.2	.1							8.7	6.3
SW	1.4	2.2	2.2	1.2	.2	.0						7.2	7.2
WSW	.8	1.9	2.6	1.6	.1	.1						7.2	8.3
W	1.2	3.3	3.3	2.6	.4	.1						10.8	8.4
WNW	.8	1.7	1.6	1.0	.1							5.2	7.6
NW	.7	1.5	1.2	.5	.0	.0						4.0	6.8
NNW	.8	1.2	1.2	.5								3.6	6.5
VARBL													
CALM												15.2	
	18.1	29.2	24.5	11.7	1.0	.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 7440

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	.7	2.2	1.4	.1								4.4	5.7
NNE	.3	1.3	1.3	.3								3.3	7.0
NE	1.1	1.0	1.1	.4								3.7	5.9
ENE	.7	.4	.3									1.4	4.2
E	1.1	1.2	.3	.1								2.8	4.5
ESE	.9	.8	.4									2.1	4.1
SE	1.0	1.3										2.3	3.8
SSE	1.2	.4	.1									1.8	3.3
S	3.3	2.8	1.3	.8								8.2	5.0
SSW	4.3	5.2	2.7	.3								12.6	4.9
SW	2.0	4.1	2.3	.3								8.8	5.5
WSW	1.1	3.4	1.9	.1								6.6	5.4
W	1.2	2.9	2.2	.1								6.4	5.7
WNW	.4	2.8	1.0	.1								4.3	5.5
NW	.8	1.8	.3	.1								3.0	4.8
NNW	.8	1.2	.8									2.8	5.1
VARBL													
CALM												25.4	
	21.0	33.0	17.7	2.9								100.0	3.9

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	1.2	1.7	1.0	.1								4.0	5.4
NNE	1.3	1.6	1.7	.7								5.2	6.4
NE	2.1	2.6	1.6	.2								6.4	4.9
ENE	1.4	1.8	.8	.2								4.2	4.8
E	.7	1.1	1.0	.1								2.9	5.4
ESE	.4	.4	.3									1.2	4.9
SE	.3	.4	.1									.9	4.5
SSE	.2	.7										.9	4.3
S	2.0	.9	.8	.3								4.0	5.0
SSW	2.7	4.2	2.3	.2								9.4	5.3
SW	2.2	4.3	2.2									8.8	5.1
WSW	1.8	1.2	2.8	.8								6.6	6.7
W	2.1	3.8	2.6	.6								9.0	5.8
WNW	1.3	2.2	.2	.1								3.9	4.4
NW	.8	1.1	.3									2.2	4.3
NNW	.3	1.8	.4	.1								2.7	3.2
VARBL													
CALM												27.7	
	21.0	29.8	18.1	3.4								100.0	3.9

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) APR (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	1.6	.4	.3								2.6	6.2
NNE	1.1	1.4	1.8	.8								5.1	6.7
NE	2.6	2.8	2.8	1.2								9.3	6.2
ENE	.9	2.4	1.8	1.2								6.3	7.2
E	1.8	2.0	1.0	.3								5.1	5.1
ESE	.3	.9	.3									1.6	4.9
SE	.8	.3	.2									1.3	3.7
SSE	.7	.1	.2									1.0	3.8
S	2.0	1.0	.9									3.9	4.2
SSW	2.1	2.6	1.6	.8	.1							7.1	5.8
SW	.8	1.9	2.3	1.0								6.0	7.1
WSW	1.0	3.2	4.4	.7								9.3	6.9
W	1.7	3.0	4.0	.3	.2							9.2	6.6
WNW	1.4	1.3	1.4	.2								4.4	5.6
NW	1.2	.9	.7	.1								2.9	5.0
NNW	1.3	1.6	.9	.1								3.9	5.1
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	20.9	
	19.9	27.0	24.8	7.1	.3							100.0	4.8

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	1.2	.6	2.8	.8	.1							5.4	7.2
NNE	.4	1.0	1.2	.9		.1						3.7	8.4
NE	.4	1.9	2.6	1.8								6.7	8.2
ENE	.6	2.8	3.7	1.3	.1							8.4	7.5
E	1.2	1.4	2.7	1.2								6.6	7.2
ESE	.9	1.2	.9	.1								3.1	5.3
SE	.7	1.8	1.2									3.7	5.7
SSE	.2	1.8	1.1									3.1	6.2
S	.9	1.7	1.1	.8	.1							4.6	7.2
SSW	.7	1.2	2.3	2.2	.1							6.6	9.1
SW	.4	1.9	3.6	2.7	.2	.1						8.9	9.4
WSW	1.3	2.0	4.7	2.9								10.9	8.4
W	1.0	3.3	5.1	3.8	.2							13.4	8.6
WNW	.9	.8	2.2	.8	.2	.1						5.0	8.6
NW	.2	.8	1.0	.4								2.4	8.0
NNW	.3	1.7	1.4	.6								4.0	7.3
VARBL													
CALM												3.6	
	11.4	25.8	37.6	20.2	1.1	.3						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	.8	1.2	2.1	.6	.3							5.0	7.8
NNE	.2	1.1	1.0	.3	.1							2.8	7.6
NE	.7	2.0	2.0	.4	.1							5.2	6.8
ENE	.6	1.3	1.8	.1								3.8	6.1
E	1.8	2.4	1.3	.4								6.0	5.4
ESE	1.1	1.9	.7									3.7	4.8
SE	.4	.9	1.7	.2								3.2	6.5
SSE	.7	1.9	1.3	.2								4.1	5.8
S	.6	1.8	2.6	.8								5.7	7.4
SSW	1.1	1.6	2.3	2.1	.1							7.2	8.5
SW	.9	1.6	3.3	3.8	.3							9.9	9.5
WSW	.9	2.2	4.4	4.7	1.0	.2						13.4	10.2
W	1.3	2.1	4.6	4.4	.3							12.8	9.3
WNW	.3	1.2	1.8	2.1	.4							5.9	9.9
NW	.3	1.2	1.4	.9								3.9	7.9
NNW	.6	1.8	1.2	.8	.2							4.6	7.6
VARBL													
CALM												2.9	
	12.2	26.2	33.6	21.9	3.0	.2						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	.2	2.4	1.9	1.6	.1							6.2	8.3
NNE	.3	1.0	.2	.3								1.9	6.3
NE	.6	1.4	1.1	.3								3.4	6.5
ENE	1.0	1.9	1.0	.1								4.0	5.2
E	1.3	1.8	1.4									4.6	5.2
ESE	.8	1.0	.7	.1								2.6	5.3
SE	.2	1.3	1.0	.1								2.7	6.4
SSE	.6	1.8	1.1	.7								4.1	6.9
S	1.6	2.7	5.4	2.6								12.2	7.9
SSW	.8	2.1	3.8	1.8	.2							8.7	8.1
SW	.7	1.1	3.0	2.0	.4							7.2	9.5
WSW	.8	1.8	3.7	3.6	.8	.1						10.7	10.0
W	.8	2.3	4.9	6.2	1.0							15.2	10.3
WNW	.4	1.1	1.7	1.0	.1							4.3	8.6
NW	.4	.8	.9	1.0	.1							3.2	8.8
NNW	.7	2.2	1.8	1.3								6.0	7.7
VARBL													
CALM												3.0	
	11.1	26.8	33.6	22.7	2.8	.1						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	2.3	1.3	.2								5.1	5.7
NNE	.9	1.1	1.0	.2								3.2	5.9
NE	.6	.9	.3	.2								2.0	5.3
ENE	.3	1.0	.6									1.9	5.1
E	2.8	1.9	1.3	.1								6.1	4.5
ESE	1.2	.6										1.8	3.1
SE	1.1	1.3	.6	.2								3.2	4.9
SSE	1.1	2.0	2.0	.6								5.7	6.3
S	3.3	7.3	4.0	1.7								16.3	6.1
SSW	2.8	3.3	2.0	.6								8.7	5.4
SW	1.6	3.8	1.9	.7								7.9	6.0
WSW	1.0	1.9	2.7	.4								6.0	6.4
W	1.2	5.1	3.4	1.8	.1	.1						11.8	7.1
WNW	1.2	.9	.4	.3								2.9	5.5
NW	.4	.9	.7	.6								2.6	7.4
NNW	.9	1.4	1.0	.3								3.7	6.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	11.2	
	21.7	35.8	23.2	7.9	.1	.1						100.0	5.2

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	.9	1.1	1.8	.2								4.0	6.4
NNE	.6	.7	.7	.1								2.0	5.4
NE	1.0	1.1	1.0									3.1	4.8
ENE	.7	1.1	.2									2.0	4.7
E	.6	.7	.3	.1								1.7	5.1
ESE	1.1	1.7	.3									3.1	4.3
SE	.8	2.3	.4									3.6	4.5
SSE	1.8	3.0	.4									5.2	4.3
S	3.2	5.7	3.2	2.2								14.3	6.4
SSW	3.8	4.1	4.8	.6								13.2	5.7
SW	2.9	3.1	1.2	.1								7.3	4.7
WSW	1.6	1.4	1.3	.3								4.7	5.4
W	1.0	3.8	2.0	.6								7.3	6.2
WNW	.2	1.7	1.0	.3								3.2	6.6
NW	.7	1.4	.7									2.8	5.0
NNW	.3	1.3	.6									2.2	5.1
VARBL													
CALM												20.2	
	21.0	34.2	20.0	4.6								100.0	4.4

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	.8	1.6	1.6	.5	.1							4.6	6.7
NNE	.7	1.2	1.1	.5	.0	.0						3.4	6.8
NE	1.1	1.7	1.6	.6	.0							5.0	6.2
ENE	.8	1.6	1.3	.4	.0							4.0	6.2
E	1.4	1.6	1.2	.3								4.5	5.4
ESE	.8	1.1	.5	.0								2.4	4.6
SE	.7	1.2	.7	.1								2.6	5.2
SSE	.8	1.5	.8	.2								3.2	5.5
S	2.1	3.0	2.4	1.1	.0							8.7	6.4
SSW	2.3	3.0	2.7	1.1	.1							9.2	6.3
SW	1.4	2.7	2.5	1.3	.1	.0						8.1	7.1
WSW	1.2	2.2	3.2	1.7	.2	.0						8.5	8.0
W	1.3	3.3	3.6	2.2	.2	.0						10.7	7.9
WNW	.8	1.5	1.2	.4	.1	.0						4.2	7.1
NW	.6	1.1	.7	.4	.0							2.9	6.5
NNW	.7	1.6	1.0	.4	.0							3.7	6.4
VARBL													
CALM												14.4	
	17.4	29.8	26.1	11.3	.9	.1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 7200

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	.5	.6	.2									1.4	4.2
NNE	1.9	1.1	.8	.3								4.1	5.2
NE	3.9	1.6	1.4	.3	.1							7.3	4.6
ENE	1.5	.8	1.4	.6								4.3	6.0
E	1.8	2.0	.8									4.6	4.2
ESE	1.1	.8	.4	.1								2.4	4.4
SE	.8	.6	.4	.1								1.9	5.1
SSE	1.1	.9	.2									2.2	3.6
S	3.7	3.3	.6	.1								7.7	4.0
SSW	3.1	4.4	1.4	.2								9.1	4.6
SW	4.1	3.5	1.4	.2								9.2	4.2
WSW	1.8	1.2	.9	.1								4.0	4.8
W	1.0	2.0	1.7									4.7	5.5
WNW	.8	1.4	.6									2.8	4.9
NW	.6	1.0	.3	.1								2.0	4.8
NNW	.8	1.4	.2									2.4	4.2
VARBL													
CALM												29.8	
	28.4	26.7	12.8	2.3	.1							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13849 (STATION) | SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) | 66-70,74-78 (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	1.1	2.0	.5	.2								3.9	5.1
NNE	2.3	1.4	1.1	.6								5.4	5.2
NE	2.9	3.0	1.5	.4								7.8	4.9
ENE	2.4	2.5	.6	.6								6.1	5.0
E	1.9	1.4	1.1									4.4	4.3
ESE	.6	.6	.2									1.5	3.9
SE	.2	.5	.5									1.3	5.8
SSE	.8	.8										1.5	3.1
S	2.0	1.2	.4									3.7	3.5
SSW	3.7	4.4	.5	.2								8.8	4.0
SW	3.7	4.0	1.0									8.6	4.1
WSW	1.7	3.0	.9	.1								5.7	4.5
W	1.5	2.6	.5									4.6	4.3
WNW	1.5	1.8	.3									3.7	3.9
NW	.9	1.0	.2									2.0	3.9
NNW	.3	.9	.1									1.3	3.6
VARBL													
CALM												29.7	
	27.4	31.1	9.6	2.3								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 930

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

...ATOLOGY BRANCH
...R SERVICE/MAC

SURFACE WINDS

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.4	1.3	.2								4.2	5.5
NNE	2.3	1.8	2.3	.9								7.2	6.1
NE	2.6	3.4	2.7	.8	.2							9.7	6.2
ENE	1.8	3.3	1.8	.6								7.6	5.6
E	2.8	3.8	.9	.1								7.5	4.5
ESE	.8	.5	.4	.1								1.8	5.1
SE	.3	.5	.4									1.3	5.3
SSE	.4	.4	.2	.2								1.3	5.8
S	1.9	1.3	.5	.1	.1							4.0	4.3
SSW	1.4	3.4	.4	.1								5.4	4.7
SW	2.5	3.3	1.6	.5								8.0	5.1
WSW	1.7	3.1	2.8	.6								8.3	6.1
W	2.4	2.9	1.2	.1								6.8	4.9
WNW	1.4	1.2	.9									3.4	4.6
NW	1.0	1.5	.4									2.9	4.7
NNW	.6	.8	.4									1.8	4.8
VARBL													
CALM												18.8	
	25.2	32.8	18.3	4.6	.3							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13349 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.7	2.3	.1								5.5	5.8
NNE	.9	1.5	1.7	1.2								5.3	7.4
NE	1.4	2.7	2.8	1.8								8.7	7.4
ENE	1.0	2.9	3.8	.5	.1							8.9	6.6
E	2.3	4.1	2.0	1.2								9.6	6.0
ESE	.8	1.1	1.0	.1								2.9	5.6
SE	.6	1.4	1.1									3.1	5.7
SSE	.5	1.3	.8	.1								2.7	5.5
S	1.2	2.2	1.3	.9								5.5	6.4
SSW	1.4	2.5	1.5	.3								5.7	5.7
SW	.6	2.5	1.9	1.3								6.3	7.6
WSW	1.8	4.0	4.5	1.1	.1							11.5	6.9
W	1.6	3.5	4.4	1.4								11.0	7.0
WNW	1.1	2.5	.8	.5								4.8	5.8
NW	1.1	1.5	.5	.2								3.3	4.9
NNW	.2	.6	.4									1.3	5.8
VARBL													
CALM												3.9	
	18.5	35.9	30.8	10.8	.2							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	1.2	1.7	2.6	.2								5.7	6.2
NNE	1.6	1.4	1.6	.4								5.1	5.9
NE	1.4	1.3	2.7	1.2	.1							6.7	7.5
ENE	1.1	2.0	2.5	.3	.1							6.0	6.6
E	1.0	2.5	2.9	1.0								7.3	7.1
ESE	1.1	2.2	1.8	.3								5.4	6.0
SE	.8	1.5	.6									2.9	4.9
SSE	1.3	1.6	.6	.2								3.8	4.8
S	1.5	2.5	2.3	.9								7.1	6.3
SSW	1.3	2.4	2.3	.6	.2							6.8	6.8
SW	.8	2.3	3.9	1.0	.2							8.1	7.9
WSW	1.1	2.6	3.0	1.1	.3							8.1	7.6
W	1.5	3.1	3.7	3.2	.1	.1						11.7	8.4
WNW	1.1	3.1	1.2	.5								5.9	6.0
NW	.6	1.5	1.2	.4	.1							3.9	6.6
NNW	.9	1.8	.9	.1								3.7	5.4
VARBL													
CALM												2.0	
	18.1	33.4	33.1	11.5	1.2	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.4	1.8	.5								5.1	6.0
NNE	.5	1.1	1.1	.9								3.5	7.5
NE	1.5	1.2	2.5	.4								5.6	6.3
ENE	.6	1.8	2.3	.3	.2							5.3	7.1
E	1.7	3.1	2.9	.2								8.0	5.8
ESE	.5	2.5	1.1	.2								4.3	5.7
SE	.3	1.7	1.0	.1								3.1	5.8
SSE	.6	1.8	2.4	.5								5.4	6.8
S	1.3	3.5	2.9	1.1								8.8	6.7
SSW	1.1	2.6	2.6	.9	.1	.1						7.3	7.3
SW	1.1	3.1	3.9	1.2								9.2	7.2
WSW	.6	2.9	3.5	.8	.3							8.2	7.5
W	1.2	2.6	4.3	2.4	.4	.1						11.0	8.6
WNW	.4	1.8	1.2	1.2	.1	.1						4.8	8.2
NW	.4	.9	1.2	.2								2.7	6.4
NNW	1.3	2.6	.6									4.5	4.7
VARBL													
CALM												3.2	
	14.6	34.6	35.2	10.9	1.2	.3						100.0	6.7

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)

13849	SHAW AFB SOUTH CAROLINA/SUMTER	66-70,74-78	MAY
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	1.3	2.3	.5	.5								4.6	5.3
NNE	.6	1.3	.6	.4								3.0	6.0
NE	1.0	1.4	1.3	.9								4.5	6.9
ENE	1.6	2.0	1.1	.4	.1	.1						5.4	5.9
E	1.4	3.3	1.7	.3								6.8	5.5
ESE	1.0	1.0	1.1									3.0	5.3
SE	1.2	1.8	1.4	.1								4.5	5.3
SSE	2.3	3.1	1.9	.4								7.7	5.4
S	2.7	4.4	2.9	.6								10.6	5.7
SSW	2.0	2.5	1.9	.4								6.9	5.4
SW	1.9	3.7	1.9	.1								7.6	5.1
WSW	2.4	2.0	1.7	.2								6.3	5.2
W	1.5	3.1	2.5	.6								7.7	6.2
WNW	.9	1.0	.5	.5		.1						3.0	6.7
NW	1.2	.6	.1		.1							2.0	4.1
NNW	.9	1.6	.3	.2								3.0	5.1
VARBL													
CALM												13.1	
	23.8	35.2	21.6	5.9	.2	.2						100.0	4.9

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)

13843 (STATION) | SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) | 66-70,74-78 (YEARS) | MAY (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	.6	.8	.2	.5								2.2	6.1
NNE	1.0	.9	.6	.1								2.6	5.1
NE	2.0	2.0	.5	.8								5.4	5.0
ENE	1.2	2.3	1.2	.4								5.1	5.8
E	2.9	1.3	.4	.2								4.8	3.9
ESE	1.1	2.0	.5									3.7	4.5
SE	1.8	1.8	1.2									4.8	4.6
SSE	2.0	1.9	.8									4.7	3.9
S	5.2	4.1	2.4	.4								12.0	4.6
SSW	3.8	4.6	1.6	.3								10.3	4.7
SW	2.7	1.8	.4									4.9	3.4
WSW	.9	1.5	.8	.1								3.2	5.2
W	1.6	2.4	1.7	.2								5.9	5.5
WNW	1.0	.6	.8	.2								2.6	5.3
NW	.8	.3	.2									1.3	3.5
NNW	.4	.3	.1									.9	4.3
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	25.6	
	28.9	28.7	13.4	3.3								100.0	3.5

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	1.1	1.5	1.2	.3								4.1	5.6
NNE	1.4	1.3	1.2	.6								4.5	6.1
NE	2.1	2.1	1.9	.8	.1							7.0	6.1
ENE	1.5	2.2	1.8	.5	.1	.0						6.1	6.1
E	2.0	2.7	1.6	.4								6.6	5.4
ESE	.9	1.3	.8	.1								3.1	5.2
SE	.8	1.2	.8	.0								2.9	5.2
SSE	1.1	1.5	.9	.2								3.7	5.1
S	2.4	2.8	1.7	.5	.0							7.4	5.3
SSW	2.2	3.3	1.5	.4	.0	.0						7.5	5.3
SW	2.2	3.0	2.0	.5	.0							7.8	5.6
WSW	1.5	2.5	2.3	.5	.1							6.9	6.3
W	1.5	2.8	2.5	1.0	.1	.0						7.9	6.8
WNW	1.0	1.7	.8	.4	.0	.0						3.9	5.8
NW	.8	1.0	.5	.1	.0							2.5	5.1
NNW	.7	1.2	.4	.0								2.4	4.8
VARBL													
CALM												15.8	
	23.1	32.3	21.9	6.4	.4	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 7440

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JUN (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	.8	.7	.8	.1								2.3	5.8
NNE	2.0	1.2	.7	.1								4.0	4.4
NE	2.8	2.4	.3	.1								5.7	3.7
ENE	1.4	1.8	1.1									4.3	4.8
E	1.2	2.3	.7	.2								4.4	4.9
ESE	.3	.3										.7	3.7
SE	.9	.2										1.1	2.8
SSE	.9	.2										1.1	2.3
S	3.7	1.3	.7									5.7	3.6
SSW	5.0	3.2	1.1	.1								9.4	3.8
SW	4.2	4.0	1.0									9.2	3.9
WSW	2.4	2.2	.9									5.6	4.1
W	1.1	1.2	.2									2.6	4.1
WNW	.6	1.7		.1								2.3	4.3
NW	.8	1.0	.2									2.0	4.2
NNW	.4	.7	.1									1.2	4.3
VAPBL													
CALM												38.3	
	28.6	24.6	7.8	.8								100.0	2.5

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70, 74-78 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	1.4	.4	.3								4.3	4.5
NNE	1.9	3.1	1.4									6.4	4.8
NE	4.4	3.8	1.0	.1								9.3	4.1
ENE	2.0	2.8	1.1	.1								6.0	4.7
E	1.2	1.4	.6	.2								3.4	5.2
ESE	.4	.1	.1									.7	3.5
SE	.3	.1										.4	2.8
SSE	1.1											1.1	2.0
S	1.9	.6	.2	.1								2.8	3.4
SSW	3.1	2.0	.6									5.7	3.5
SW	4.0	3.0	.4	.1								7.6	3.8
WSW	1.8	3.2	.9	.1								6.0	4.6
W	1.1	2.2	.7									4.0	4.8
WNW	1.0	1.6	.1									2.7	4.2
NW	.7	1.0	.1									1.8	3.8
NNW	.6	.6										1.1	3.5
VARBL													
CALM												36.7	
	27.7	26.9	7.7	1.1								100.0	2.7

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.7	.8									3.8	4.5
NNE	1.7	2.9	1.9	.7								7.1	6.1
NE	2.4	4.8	2.0	.1								9.3	5.1
ENE	2.6	4.0	2.6	.2								9.3	5.2
E	2.8	2.4	1.4	.2								6.9	4.8
ESE	.3	.3	.1									.8	4.7
SE	.9	.1										1.0	2.1
SSE	.8	.4										1.2	3.0
S	1.1	.9	.2									2.2	3.5
SSW	2.6	2.8	.7	.2								6.2	4.2
SW	1.8	3.8	1.3	.2								7.1	5.1
WSW	1.6	4.6	2.1	.1								8.3	5.4
W	2.1	4.0	1.3	.1								7.6	4.9
WNW	.9	1.4	1.3									3.7	5.6
NW	.7	1.3	.7									2.7	5.0
NNW	.7	1.3	.2									2.2	4.5
VARBL													
CALM												20.6	
	24.1	36.8	16.7	1.9								100.0	4.0

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JUN (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	1.7	2.2	1.1	.2								5.2	5.1
NNE	1.6	1.7	2.4	1.4	.1							7.2	7.3
NE	2.1	2.7	3.3	1.2								9.3	6.5
ENE	1.8	3.1	3.9	.7								9.4	6.4
E	2.1	4.1	2.6	1.1								9.9	6.2
ESE	1.8	1.0	.6	.1								3.4	4.3
SE	1.3	.9	.3									2.6	3.9
SSE	.1	.7	.3									1.1	5.4
S	1.3	1.0	1.2	.3								3.9	5.6
SSW	1.2	1.9	1.1	.4								4.7	5.8
SW	.8	3.1	2.0	.3								6.0	6.4
WSW	1.9	3.7	4.3	.8								10.7	6.4
W	2.4	4.9	3.8	.3								11.4	5.6
WNW	1.8	2.3	.9									5.0	4.3
NW	.9	.6	.3									1.8	4.1
NNW	1.2	1.1	.4									2.8	4.4
VARBL													
CALM												5.6	
	23.8	34.9	28.7	7.0	.1							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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JUN (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	3.2	1.4	.3								5.9	5.8
NNE	.8	1.8	1.4	.6								4.6	6.7
NE	1.0	2.4	2.2	.8								6.4	6.6
ENE	1.3	2.8	4.2	.9								9.2	7.1
E	2.0	3.8	3.7	1.2	.1							10.8	6.7
ESE	.9	2.1	1.0	.1								4.1	5.2
SE	1.7	1.3	1.1	.2								4.3	5.3
SSE	1.2	1.8	.8									3.8	4.9
S	1.6	2.3	1.8	.6								6.4	6.3
SSW	.9	2.0	2.2	.1								5.2	6.1
SW	.7	2.6	2.9	.7								6.8	6.9
WSW	.9	3.1	4.6	1.0								9.6	7.3
W	1.2	3.9	3.3	.7								9.1	6.5
WNW	1.1	1.7	1.4									4.2	5.6
NW	.2	1.1	.7	.1								2.1	6.2
NNW	1.2	1.7	.3									3.2	4.3
VARBL													
CALM												4.2	
	17.6	37.6	33.1	7.4	.1							100.0	6.1

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	.4	2.4	1.3									4.2	5.4
NNE	.8	1.1	1.3	.4								3.7	6.5
NE	.1	1.3	2.1	.8								4.3	8.0
ENE	1.0	3.6	3.9	.3								8.8	6.4
E	1.4	2.9	3.8	1.3								9.4	7.0
ESE	1.9	2.7	2.0	.3								6.9	5.6
SE	1.0	2.0	1.0	.1		.1						4.2	6.0
SSE	1.6	4.1	2.0	.3	.1							8.1	5.8
S	1.9	3.1	3.1	.3								8.4	6.0
SSW	1.3	2.0	2.8	.7								6.8	6.7
SW	.7	2.3	3.2	.7								6.9	7.1
WSW	.6	3.1	2.7	.3								6.7	6.5
W	1.0	3.6	3.4	.9								8.9	6.7
WNW	.4	2.3	.9	.3	.1							4.1	6.3
NW	.3	2.0	.4									2.8	5.0
NNW	.3	1.7	.4	.1								2.6	5.8
VARBL													
CALM												3.2	
	14.8	40.2	34.4	7.0	.2	.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)

13849 (STATION) | SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) | 66-70,74-78 (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	1.1	1.6	.6	.1								3.3	5.2
NNE	1.0	1.7	.7	.2								3.6	5.3
NE	1.2	1.4	.7	.1								3.4	5.1
ENE	1.4	2.3	1.9									5.7	5.5
E	3.1	2.6	1.6	.4								7.7	5.0
ESE	1.4	3.0	.9									5.3	4.7
SE	1.8	2.6	1.2	.1								5.7	4.9
SSE	4.2	3.6	1.2	.2								9.2	4.2
S	4.7	6.0	2.8									13.4	4.6
SSW	2.4	3.9	1.6	.3								8.2	5.1
SW	1.8	3.2	1.4	.2								6.7	5.2
WSW	1.1	1.2	1.0	.1								3.4	5.2
W	.9	1.0	1.8	.2								3.9	6.3
WNW	1.0	1.8	.6	.1								3.4	4.7
NW	.6	1.3	.2	.1	.1							2.3	5.4
NNW	.6	.9	.6		.1							2.1	5.8
VARBL													
CALM												12.6	
	8.3	38.0	18.6	2.3	.2							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70, 74-78 (YEARS) JUN (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	.6	.8	1.0	.1								2.4	6.3
NNE	1.2	1.9	.4									3.6	4.3
NE	1.7	1.1	.2	.1								3.1	3.8
ENE	1.9	1.4	1.1	.1								4.6	4.7
E	1.9	1.4	.9	.2								4.4	4.9
ESE	1.6	1.2	.2	.1								3.1	3.9
SE	1.7	.6	.6									2.8	3.5
SSE	2.4	2.3	.6	.1								5.4	4.1
S	6.3	4.0	1.0	.1								11.4	3.7
SSW	4.8	5.1	1.1									11.0	4.0
SW	2.4	3.0	1.0									6.4	4.4
WSW	1.7	1.0	.3	.1								3.1	4.4
W	1.0	.8	1.1	.1								3.0	5.5
WNW	.6	.9	.2	.1								1.8	4.9
NW	.4	.2	.2									.9	3.9
NNW	.3	.1	.1									.6	4.4
VARBL													
CALM												32.3	
	30.4	25.9	10.1	1.2								100.0	2.9

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.7	.9	.2								3.9	5.3
NNE	1.4	1.9	1.3	.4	.0							5.0	5.8
NE	2.0	2.5	1.5	.4								6.4	5.4
ENE	1.7	2.7	2.5	.3								7.2	5.8
E	2.0	2.6	1.9	.6	.0							7.1	5.8
ESE	1.1	1.3	.6	.1								3.1	4.8
SE	1.2	1.0	.5	.1		.0						2.8	4.6
SSE	1.5	1.6	.6	.1	.0							3.9	4.5
S	2.8	2.4	1.4	.2								6.8	4.7
SSW	2.7	2.9	1.4	.2								7.2	4.7
SW	2.0	3.1	1.7	.3								7.1	5.3
WSW	1.5	2.8	2.1	.3								6.7	5.8
W	1.4	2.7	2.0	.3								6.3	5.8
WNW	.9	1.7	.7	.1	.0							3.4	5.1
NW	.6	1.1	.4	.0	.0							2.0	4.8
NNW	.7	1.0	.3	.0	.0							2.0	4.7
VARBL													
CALM												19.2	
	24.4	33.1	19.6	3.6	.1	.0						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 7200

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	.6	.2	.2									1.1	4.4
NNE	1.4	.4	.1									1.9	3.0
NE	1.9	1.3	.4									3.7	3.8
ENE	1.4	.3										1.7	2.9
E	1.3	.5	.6									2.5	4.2
ESE	1.1	.2										1.3	2.6
SE	.8	.1	.1									1.0	2.8
SSE	1.4	.1										1.5	2.2
S	3.2	2.0	.6									5.9	3.4
SSW	6.5	6.1	1.1									13.7	3.8
SW	4.5	5.2	1.6									11.3	4.3
WSW	2.0	3.3	.9									6.2	4.7
W	1.6	3.5	.9									6.0	4.5
WNW	.8	1.1	.4									2.3	4.8
NW	.3	.3										.6	3.2
NNW	.4	.3										.8	3.7
VARBL													
CALM												38.6	
	29.2	25.2	7.0									100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	1.6	.6	.2									2.5	3.3
NNE	1.3	1.7										3.0	3.8
NE	3.2	1.3	.3									4.8	3.4
ENE	1.2	1.5	.4	.1								3.2	4.6
E	1.6	.9	.3									2.8	3.6
ESE	.5	.1										.6	2.5
SE	.4											.4	2.3
SSE	.5											.5	2.0
S	3.5	1.1										4.6	2.6
SSW	4.9	4.2	.2									9.4	3.3
SW	4.9	5.3	.6	.1								11.0	4.0
WSW	2.6	3.2	1.0									6.8	4.3
W	2.5	3.1	1.6									7.2	4.5
WNW	.6	.9										1.5	3.2
NW	.9	.8	.1									1.7	3.9
NNW	.6											.6	2.2
VARBL													
CALM												39.2	
	31.1	24.6	4.8	.2								100.0	2.3

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.0	.3									2.7	3.7
NNE	2.7	1.3	.6									4.6	3.6
NE	2.6	2.9	1.0									6.5	4.3
ENE	1.6	2.8	.8	.3								5.5	5.1
E	1.6	1.8	.6									4.1	4.3
ESE	.2	.4	.1									.8	4.6
SE	.3	.1										.4	2.5
SSE	.3											.3	1.7
S	3.3	1.6										4.9	2.8
SSW	3.7	3.7	.3									7.6	3.5
SW	4.5	5.3	2.0									11.8	4.4
WSW	3.1	4.5	2.8	.2								10.6	5.0
W	3.3	4.0	2.2									9.5	4.8
WNW	1.1	1.5	.5									3.1	4.5
NW	.6	.8	.3									1.7	4.3
NNW	1.1	.4	.2									1.7	3.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	24.1	
	31.5	32.0	11.8	.5								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	1.7	1.1	.5									3.3	4.0
NNE	1.0	1.1	.8	.1								2.9	5.0
NE	1.2	2.6	1.4	.4								5.6	5.8
ENE	1.8	3.2	1.5	.6								7.2	5.7
E	2.2	3.7	2.0	.2								8.1	5.3
ESE	1.3	.9	.5									2.7	3.8
SE	.9	.5	.1									1.5	3.7
SSE	1.6	1.1	.2									2.9	3.4
S	2.4	1.9	.5									4.8	3.9
SSW	2.5	3.4	1.9									7.8	4.6
SW	2.0	4.5	2.7	.3								9.6	5.4
WSW	1.9	4.6	2.5	.1								9.1	5.4
W	3.5	7.5	3.1	.2								14.4	5.1
WNW	1.9	2.9	1.0									5.8	4.4
NW	1.5	1.9	.3									3.8	4.0
NNW	.6	1.3	.2									2.2	4.4
VARBL													
CALM												8.3	
	28.1	42.3	19.4	2.0								100.0	4.5

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)

13849	SHAW AFB SOUTH CAROLINA/SUMTER	66-70,74-78	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.2	.6									2.7	4.8
NNE	1.1	1.8	1.0									3.9	4.9
NE	.9	2.0	1.5	.4								4.8	6.0
ENE	1.6	3.2	1.5	.3								6.7	5.4
E	1.5	2.8	2.4	.1								6.8	5.8
ESE	1.0	1.8	1.3									4.1	5.3
SE	.9	.6	.4	.1								2.0	4.7
SSE	1.3	1.2	.8	.1								3.3	4.5
S	2.6	4.1	1.4	.4								8.5	5.1
SSW	1.8	4.4	4.1	.6								11.0	6.2
SW	1.5	3.9	3.1									8.5	5.6
WSW	1.7	5.6	3.8									11.1	5.8
W	2.7	5.2	3.8	.3	.1							12.0	5.8
WNW	1.3	2.7	1.4	.2								5.6	5.5
NW	.8	.6	.2	.1								1.7	4.6
NNW	.5	1.0	.2									1.7	4.1
VARBL													
CALM												5.6	
	21.9	42.2	27.4	2.8	.1							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	.4	1.5	.2	.1								2.3	4.9
NNE	.9	1.1	1.1	.2								3.2	5.9
NE	.4	1.1	.6	.2								2.4	6.1
ENE	.5	2.6	1.8	.2	.1							5.3	6.3
E	2.6	3.4	1.9	.1								8.1	5.1
ESE	1.3	1.9	1.4	.1								4.7	5.1
SE	1.2	2.5	1.2	.1								4.9	5.3
SSE	2.4	2.6	1.0	.2								6.1	4.7
S	2.0	5.6	3.2	.9	.1							11.8	6.1
SSW	2.0	5.2	4.5	.4								12.2	5.9
SW	1.1	4.1	4.1	.8								10.0	6.7
WSW	1.8	3.4	3.2	.2								8.7	5.7
W	1.5	4.0	2.7	.3	.1							8.6	6.2
WNW	1.1	1.2	1.0	.3								3.5	5.7
NW	.2	1.3	.2	.1								1.8	5.6
NNW	.4	.8	.6	.1								1.9	5.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	4.4	
	19.9	42.2	28.8	4.4	.3							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-S (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)

13849 (STATION) | SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) | 66-70,74-78 (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	.5	.4	.4									1.4	4.9
NNE	.8	.8	.2	.2								1.9	5.2
NE	1.5	1.2	.3									3.0	3.7
ENE	1.9	1.8	.6									4.4	4.3
E	2.4	2.6	.8	.1								5.8	4.3
ESE	2.7	1.0	.5									4.2	3.5
SE	2.2	1.6	.3									4.1	3.7
SSE	4.7	3.1	1.1									8.9	3.7
S	5.2	6.9	2.0	.8								14.9	4.7
SSW	4.5	5.2	1.8	.2								11.7	4.5
SW	2.3	5.2	1.6	.1								9.1	4.8
WSW	1.4	2.5	.6									4.5	4.7
W	2.5	2.7	1.0	.4	.1							6.7	4.9
WNW	1.2	.5	.3	.2								2.3	5.0
NW	.1	.2	.3									.6	6.3
NNW	.9	.9		.3								2.0	4.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	14.3	
	34.7	36.5	12.1	2.4	.1							100.0	3.8

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	.9	.6	.1									1.6	3.7
NNE	.9	.2	.1	.1								1.3	4.0
NE	.8	.8	.3									1.8	4.3
ENE	2.2	.8	.4									3.3	3.8
E	2.3	1.0	.5									3.8	3.5
ESE	1.4	.8										2.2	3.1
SE	2.5	.4										2.9	2.3
SSE	2.8	.5										3.3	2.3
S	6.4	4.4	.6									11.4	3.4
SSW	6.0	5.7	2.0									13.8	4.2
SW	3.6	3.6	.9									8.0	4.0
WSW	2.4	2.0	1.3									5.7	4.5
W	2.6	1.3	.3	.1								4.3	3.8
WNW	.5	.4	.1									1.1	4.0
NW	.5	.1	.1									.8	3.9
NNW	.4	.3	.1	.1								1.0	5.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	33.8	
	36.0	22.9	7.0	.3								100.0	2.5

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	1.0	.8	.3	.0								2.2	4.2
NNE	1.2	1.0	.5	.1								2.9	4.5
NE	1.6	1.6	.7	.1								4.1	4.7
ENE	1.5	2.0	.9	.2	.0							4.7	5.1
E	1.9	2.1	1.2	.1								5.2	4.8
ESE	1.2	.9	.5	.0								2.6	4.2
SE	1.1	.7	.3	.0								2.2	3.9
SSE	1.9	1.1	.4	.0								3.4	3.7
S	3.6	3.5	1.1	.3	.0							8.4	4.3
SSW	4.0	4.7	2.0	.2								10.9	4.5
SW	3.1	4.6	2.1	.2								9.9	4.9
WSW	2.1	3.7	2.0	.1								7.9	5.1
W	2.5	3.9	1.9	.2	.0							8.6	5.1
WNW	1.1	1.4	.6	.1								3.1	4.8
NW	.6	.8	.2	.0								1.6	4.4
NNW	.6	.6	.2	.1								1.5	4.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	21.0	
	29.0	33.5	14.8	1.6	.1							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 7438

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	.9	.4	.1	.1								1.5	3.9
NNE	3.4	.6	.5	.3								4.9	3.9
NE	3.9	2.2	.9	.5								7.4	4.5
ENE	2.4	1.3	.4	.4								4.5	4.5
E	1.6	.6										2.3	3.0
ESE	.6	.3										1.0	2.7
SE	.2			.1								.3	5.3
SSE	.4	.2	.3									1.0	5.2
S	2.3	1.0	.3									3.5	3.3
SSW	6.3	5.6	.5									12.5	3.5
SW	3.1	3.7	.8									7.5	4.0
WSW	1.6	1.0	.2	.1								2.9	4.1
W	1.1	1.1	.4									2.6	4.1
WNW	.9	.4		.2								1.5	4.4
NW													
NNW	.5		.1									.6	3.2
VARBL													
CALM												45.9	
	29.2	18.4	4.6	1.8								100.0	2.1

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)

13849	SHAW AFB SOUTH CAROLINA/SUMTER	66-70,74-78	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.8	.1									3.2	3.6
NNE	4.4	2.0	1.1	.2								7.7	4.1
NE	5.7	3.2	.4	.8								10.1	4.0
ENE	2.5	1.5	.4	.4								4.8	4.4
E	1.2	.1	.1									1.4	2.7
ESE	.1	.1										.2	3.0
SE	.1	.3										.4	4.0
SSE	.4											.4	1.5
S	1.4	.1										1.5	2.4
SSW	5.1	1.4	.3									6.8	2.9
SW	3.3	3.1	.9									7.3	3.8
WSW	2.0	3.2	.2									5.5	3.8
W	1.6	1.5	.6									3.8	4.3
WNW	1.1	.3	.2									1.6	3.5
NW	.2	.2										.4	3.8
NNW	.5											.5	2.4
VARBL													
CALM												44.2	
	31.0	19.0	4.4	1.4								100.0	2.1

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	2.2	1.8	.3									4.3	3.8
NNE	2.7	3.7	1.3	.1								7.7	4.7
NE	4.3	4.9	2.5	1.2								12.9	5.4
ENE	2.2	3.5	1.5	.1								7.3	4.9
E	1.4	.2										1.6	2.3
ESE	.8											.8	1.9
SE	.5	.4										1.0	3.4
SSE	.8											.8	1.7
S	2.9	.3	.1									3.3	2.4
SSW	3.3	2.6	.4	.1								6.5	3.7
SW	3.1	3.8	.6									7.5	3.9
WSW	2.4	3.4	.8									6.6	4.6
W	1.4	2.8	1.0	.1								5.3	4.8
WNW	.8	1.5	.5									2.8	4.6
NW	.3	.5	.3									1.2	5.0
NNW	.4	.2	.3									1.0	4.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	29.6	
	29.4	29.8	9.7	1.6								100.0	3.1

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)

13849 (STATION) | SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) | 66-70,74-78 (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	1.4	2.0	.6	.2								4.3	5.0
NNE	2.3	1.5	2.6	.4								6.8	5.9
NE	1.6	5.2	3.1	1.5								11.4	6.8
ENE	2.2	5.2	1.9	1.1								10.3	5.8
E	1.7	2.8	2.0	.2								6.8	5.2
ESE	1.3	.5	.2									2.0	3.4
SE	1.2	.3	.2									1.7	3.1
SSE	1.0	1.0	.1									2.0	3.5
S	1.8	2.2	.3									4.3	3.8
SSW	1.9	3.9	1.5	.1								7.4	5.0
SW	2.4	4.2	1.7	.2								8.5	5.1
WSW	1.5	4.9	2.2									8.6	5.2
W	2.8	5.8	1.0									9.6	4.5
WNW	1.2	2.4	.9									4.4	4.8
NW	1.1	.8	.2									2.0	4.1
NNW	.9	.8	.1									1.7	3.5
VARBL													
CALM												8.1	
	26.1	43.3	18.7	3.8								100.0	4.7

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)

13849	SHAW AFB SOUTH CAROLINA/SUMTER	66-70, 74-78	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.3	1.1	.2								4.1	5.3
NNE	1.6	3.3	1.8	.4								7.2	5.7
NE	1.1	4.0	2.6	1.1	.2							8.9	6.9
ENE	1.5	4.4	2.3	.5		.1						8.8	6.0
E	2.5	4.8	1.6									8.9	4.8
ESE	1.1	1.3	.6									3.0	4.4
SE	1.1	1.4	.4	.1								3.0	4.8
SSE	1.1	1.6	1.0	.1								3.8	5.2
S	1.6	3.5	1.9	.4								7.5	5.6
SSW	1.9	3.8	3.0	.2								8.9	5.8
SW	1.4	4.7	3.7	.3								10.1	6.1
WSW	1.9	4.1	1.5	.1								7.6	5.2
W	1.7	2.8	1.6									6.1	5.1
WNW	1.2	1.1	.5	.1								2.9	4.7
NW	.8	1.3	.3									2.4	4.3
NNW	.2	1.1	.3									1.6	4.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	5.1	
	22.2	44.5	24.3	3.7	.2	.1						100.0	5.3

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	.8	1.2	.4	.1								2.5	4.9
NNE	1.1	2.6	1.9	.3	.1	.1						6.1	6.6
NE	1.3	4.6	2.6	.6	.2							9.4	6.4
ENE	1.8	4.3	2.2	.3	.1							8.7	5.7
E	2.9	4.3	2.3	.3								9.8	5.1
ESE	.8	1.1	.8	.2								2.8	5.8
SE	1.4	1.4	.1									2.9	3.7
SSE	1.8	3.0	1.5	.2								6.6	5.1
S	3.4	4.7	3.3	.4								11.9	5.4
SSW	1.7	4.3	3.1	.8								9.9	6.1
SW	1.3	4.2	3.7	.3								9.5	6.1
WSW	1.0	2.0	1.6									4.6	5.6
W	1.3	1.2	.9									3.3	4.6
WNW	.3	.8	.4									1.5	5.6
NW	1.0	.9	.6	.1								2.6	5.1
NNW	1.1	1.3	.2									2.6	4.2
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	5.4	
	22.9	41.8	25.6	3.8	.4	.1						100.0	5.3

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	.8	.2	.2								2.9	4.1
NNE	1.8	1.3	1.0	.2	.2							4.5	6.0
NE	3.4	2.3	1.5	.5								7.7	4.7
ENE	2.8	2.3	.8	.2								6.0	4.4
E	3.0	3.1	.5	.2								6.9	4.4
ESE	2.8	1.2	.1									4.1	2.9
SE	1.8	1.1	.2									3.1	3.2
SSE	3.2	1.7	.3									5.3	3.2
S	7.3	5.4	1.5	.1								14.3	3.9
SSW	4.5	2.9	1.1	.1	.1							8.7	4.1
SW	2.2	2.4	1.5	.1	.1							6.2	5.0
WSW	.5	1.1	.3	.1								2.0	5.3
W	.8	1.2	.2									2.2	4.3
WNW	.4	.4	.1									1.0	3.7
NW	.2	.4	.2									.9	5.1
NNW	.8	.5	.1	.1								1.5	4.0
VARBL													
CALM												22.7	
	37.3	28.0	9.7	1.9	.4							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	.8	.5	.1	.2								1.6	4.7
NNE	2.0	1.2	.3	.6	.1							4.3	5.6
NE	2.6	1.9	.9	.2	.1							5.7	4.8
ENE	2.2	1.4	.8									4.3	4.3
E	1.8	1.2	.3									3.3	3.5
ESE	1.3	.5										1.8	2.6
SE	1.5	.3	.2									2.0	3.3
SSE	2.3	.6	.2									3.1	3.1
S	4.6	4.0	.8									9.4	3.7
SSW	5.7	3.5	.4	.1								9.8	3.4
SW	4.1	2.7	.5									7.3	3.7
WSW	1.2	1.3	.5									3.0	4.1
W	.6	.4	.4	.1								1.6	5.5
WNW	.3	.3	.1	.1								.9	5.1
NW	.1	.2	.2									.5	5.2
NNW	.2	.1										.3	2.3
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	41.0	
	31.3	20.3	5.8	1.4	.2							100.0	2.3

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	1.3	1.2	.4	.1								3.1	4.4
NNE	2.4	2.0	1.3	.3	.1	.0						6.2	5.3
NE	3.0	3.5	1.8	.8	.1							9.2	5.5
ENE	2.2	3.0	1.3	.4	.0	.0						6.9	5.2
E	2.0	2.2	.9	.1								5.1	4.5
ESE	1.1	.6	.2	.0								2.0	3.7
SE	1.0	.7	.1	.0								1.8	3.7
SSE	1.4	1.0	.4	.0								2.9	4.1
S	3.2	2.6	1.0	.1								7.0	4.2
SSW	3.8	3.5	1.3	.2	.0							8.8	4.3
SW	2.6	3.6	1.7	.1	.0							8.0	4.8
WSW	1.5	2.6	.9	.0								5.1	4.8
W	1.4	2.1	.8	.0								4.3	4.6
WNW	.8	.9	.3	.1								2.1	4.6
NW	.5	.5	.2	.0								1.2	4.6
NNW	.6	.5	.1	.0								1.2	4.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	25.2	
	28.7	30.6	12.8	2.4	.2	.0						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 7440

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	2.3	.3	.1								5.1	3.8
NNE	4.3	3.2	1.1									8.7	3.8
NE	6.9	4.2	1.2									12.3	3.6
ENE	2.2	1.4	.4	.1								4.2	3.9
E	1.2	1.3	.4									3.0	4.0
ESE	.9	.4										1.3	2.8
SE	.4	.1										.6	2.0
SSE	.1	.1										.2	2.5
S	1.3	.3	.2									1.9	3.1
SSW	1.8	1.7	.3									3.8	3.6
SW	2.2	1.9	.3									4.4	3.6
WSW	1.0	.7	.2									1.9	4.0
W	2.0	1.4	.1									3.6	3.4
WNW	1.0	1.1	.1									2.2	4.0
NW	.7	.9	.2									1.8	4.3
NNW	1.2	.8										2.0	3.1
VARBL													
CALM												43.0	
	29.7	22.0	5.1	.2								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13849 (STATION) | SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) | 66-70,74-78 (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	3.0	2.8	.6									6.3	3.8
NNE	5.1	4.8	1.9	.1								11.9	4.3
NE	6.0	5.8	2.4									14.2	4.4
ENE	2.1	1.9	1.3									5.3	4.7
E	1.0	.8	.1									1.9	3.4
ESE	.1	.4										.6	4.2
SE	.3											.3	1.7
SSE	.4											.4	2.0
S	1.0	.3	.1									1.4	3.2
SSW	1.0	1.4	.4									2.9	4.3
SW	1.8	1.6	.1									3.4	3.5
WSW	1.1	1.3	.3									2.8	3.8
W	1.8	.6	.1									2.4	3.4
WNW	1.0	1.2	.2	.1								2.6	4.4
NW	.9	.8	.3	.1								2.1	4.6
NNW	.3	.6	.1									1.0	4.4
VARBL													
CALM												40.3	
	27.0	24.2	8.1	.3								100.0	2.5

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	2.8	2.7	.4									5.9	3.8
NNE	4.9	4.8	2.2	.1								12.0	4.5
NE	6.0	8.3	5.0	.8								20.1	5.2
ENE	2.6	3.0	2.4	.2								8.2	5.1
E	.9	1.8	.7	.1								3.4	4.9
ESE	.6	.1										.7	2.5
SE	.6	.3										.9	2.8
SSE	.1		.1									.2	4.0
S	1.1	.3										1.4	2.8
SSW	1.7	1.7	.3									3.7	3.8
SW	.6	1.9	.4									2.9	5.0
WSW	1.2	1.6	.2									3.0	4.1
W	1.3	.9	.3									2.6	3.4
WNW	1.1	1.8	.3									3.2	4.2
NW	1.0	.9	.2									2.1	3.8
NNW	.8	.9										1.7	3.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	28.0	
	27.1	30.9	12.8	1.2								100.0	3.2

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	2.0	1.3	1.0									4.3	4.5
NNE	1.1	3.2	3.2	.4								8.0	6.4
NE	2.0	5.9	7.1	1.6								16.6	6.8
ENE	3.3	5.3	5.8	1.0								15.4	6.2
E	2.9	4.0	3.7	.4								11.0	5.3
ESE	2.3	1.4	.3									4.1	3.5
SE	1.1	.7	.1									1.9	3.2
SSE	.7	.6	.4									1.7	4.4
S	1.4	.6	.3									2.3	3.4
SSW	.8	2.1	1.2									4.1	5.4
SW	.8	2.1	1.3	.1								4.3	5.8
WSW	1.2	2.4	1.4									5.1	5.3
W	1.7	2.8	1.4									5.9	4.9
WNW	1.2	1.7	.8									3.7	4.7
NW	.4	1.7	.1									2.2	4.6
NNW	.8	1.0	.1									1.9	3.9
VARBL													
CALM												7.4	
	23.8	36.8	28.4	3.6								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (GL-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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	2.3	1.8	1.0									5.1	4.2
NNE	2.3	4.4	3.2	.6								10.6	5.9
NE	.8	4.9	5.2	1.3								12.2	7.0
ENE	2.0	3.8	5.4	.7								11.9	6.7
E	2.8	4.3	2.9	.7								10.7	5.8
ESE	2.0	2.0	.9									4.9	4.3
SE	1.1	.6	.8									2.4	5.1
SSE	1.1	.7	.9	.1								2.8	5.3
S	1.9	1.8	.9	.2								4.8	4.8
SSW	.6	2.1	2.0	.3								5.0	6.6
SW	.8	2.1	2.0	.6								5.4	6.7
WSW	.9	2.2	2.3	.7								6.1	6.8
W	1.0	2.7	2.1	.2								6.0	5.8
WNW	1.0	1.1	.2									2.3	3.6
NW	.7	.6	.7									1.9	4.9
NNW	.7	1.1	.3		.1							2.2	5.1
VARBL													
CALM												5.7	
	21.9	36.1	30.9	5.3	.1							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	1.4	2.2	1.0	.3								5.0	5.4
NNE	1.6	4.4	1.9	.6	.1							8.6	5.7
NE	2.0	4.4	4.9	.7	.1							12.1	6.4
ENE	1.4	4.0	2.8	.2	.1							8.6	5.8
E	2.9	5.0	2.7	.3								10.9	5.1
ESE	1.7	2.1	.9	.2								4.9	4.9
SE	1.3	1.3	.4									3.1	4.4
SSE	2.9	2.4	.4	.2								6.0	3.9
S	2.3	1.6	1.7	.1								5.7	4.9
SSW	1.1	1.3	1.9									4.3	5.8
SW	.6	2.7	1.6	.4								5.2	6.2
WSW	1.4	1.7	1.7	.6								5.3	6.3
W	1.3	2.1	2.2									5.7	5.8
WNW	.3	1.3	.9									2.6	5.6
NW	.6	1.1	.4									2.1	4.6
NNW	1.3	1.6	.1									3.0	3.5
VARBL													
CALM												7.0	
	24.2	39.3	25.4	3.7	.3							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	2.3	.3									5.3	3.7
NNE	3.3	2.9	.8	.1								7.1	4.1
NE	5.3	5.2	.8									11.3	3.7
ENE	2.9	3.0	.6	.3	.1							6.9	4.8
E	3.7	3.0	.6									7.2	3.7
ESE	.9	.7	.1									1.7	3.5
SE	1.3	.6										1.9	2.8
SSE	2.1	1.6	.2	.2								4.1	4.0
S	4.0	1.3	.4									5.8	3.1
SSW	2.4	.9										3.3	2.8
SW	1.8	1.4	.3									3.6	3.5
WSW	1.1	1.1	.4	.1								2.8	4.7
W	1.0	1.9	.3	.1								3.3	4.5
WNW	1.0	.4	.2									1.7	3.5
NW	.3	.1										.4	2.5
NNW	.9	.7	.1	.1								1.8	3.9
VARBL													
CALM												31.8	
	34.8	27.1	5.2	1.0	.1							100.0	2.6

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	.8	1.3	.2									2.3	4.2
NNE	3.6	3.7	.3									7.6	3.7
NE	6.2	4.1	.9	.1								11.3	3.6
ENE	2.8	1.0	1.0									4.8	3.9
E	2.1	1.6	.2	.1								4.0	3.5
ESE	.8	.4										1.2	2.5
SE	.6											.6	1.8
SSE	1.2	.6										1.8	2.8
S	1.8	1.4	.2	.1								3.6	3.7
SSW	3.3	1.7	.2									5.2	3.1
SW	1.7	1.3	.1									3.1	3.4
WSW	.4	1.0	.2									1.7	4.7
W	1.1	.7	.3									2.1	4.0
WNW	1.1	1.3										2.4	3.5
NW	.7	.3	.1									1.1	3.6
NNW	.3	.6	.2									1.1	4.7
VARBL													
CALM												46.1	
	28.4	21.0	4.1	.3								100.0	1.9

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	2.2	2.1	.6	.1								4.9	4.1
NNE	3.3	3.9	1.8	.2	.0							9.3	4.8
NE	4.4	5.4	3.4	.6	.0							13.8	5.2
ENE	2.4	2.9	2.5	.3	.0							8.2	5.5
E	2.2	2.7	1.4	.2								6.5	4.8
ESE	1.2	1.0	.3	.0								2.4	3.9
SE	.8	.4	.2									1.5	3.7
SSE	1.1	.7	.3	.1								2.2	4.0
S	1.9	1.0	.5	.1								3.4	3.9
SSW	1.6	1.6	.8	.0								4.0	4.5
SW	1.3	1.9	.8	.1								4.1	4.9
WSW	1.1	1.5	.9	.2								3.6	5.4
W	1.4	1.6	.9	.0								3.9	4.7
WNW	1.0	1.2	.3	.0								2.6	4.3
NW	.7	.8	.3	.0								1.7	4.3
NNW	.8	.9	.1	.0	.0							1.8	3.9
VARBL													
CALM												26.2	
	27.1	29.7	15.0	2.0	.1							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 7200

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	1.7	1.9	1.4	.1								5.2	4.9
NNE	4.2	5.2	2.6	.4								12.4	4.9
NE	7.0	5.9	2.5									15.4	4.0
ENE	1.0	1.1	1.1	.1								3.2	5.7
E	.6	.8	.1									1.5	3.9
ESE	.2	.3	.1									.6	4.8
SE	.4	.1										.5	3.2
SSE	.1	.1	.3									.5	7.2
S	.9	.4	.4	.2								1.9	5.0
SSW	1.5	1.2	.4									3.1	4.1
SW	.6	.2	.3									1.2	4.1
WSW	.4	.8	.9									2.0	5.8
W	1.4	1.4	.2	.1								3.1	4.2
WNW	.9	1.6	.1									2.6	4.1
NW	.2	1.0	.3									1.5	5.3
NNW	.6	.9	1.0									2.5	5.6
VARBL													
CALM												42.7	
	21.8	22.8	11.7	1.0								100.0	2.7

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	1.7	3.5	1.4	.4								7.1	5.3
NNE	4.7	5.7	3.8	.3								14.5	5.1
NE	5.7	7.2	2.5	.4								15.8	4.5
ENE	1.5	1.3	.9	.2								3.9	4.9
E	.2	.5	.3									1.1	5.8
ESE	.2											.2	2.0
SE													
SSE	.1	.1	.1	.1								.4	6.8
S	1.3	.3	.3									1.9	3.4
SSW	1.1	.8	.4	.1								2.4	4.5
SW	1.1	.4	.2									1.7	3.5
WSW	.8	.9	.4									2.0	4.8
W	2.0	1.7	.5									4.3	3.9
WNW	1.3	2.0	.3		.1		.1					3.9	5.4
NW	.8	1.7	.8									3.2	5.1
NNW	.4	.4	.8	.1								1.7	5.9
VARBL													
CALM												35.8	
	22.9	26.7	12.7	1.7	.1		.1					100.0	3.1

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70, 74-78 (YEARS) OCT (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	2.3	2.8	.8								7.6	6.2
NNE	2.8	5.6	4.7	.8	.2							14.1	6.2
NE	7.5	7.0	5.1	.9								20.5	5.1
ENE	1.9	3.3	1.8	.1								7.2	5.2
E	.1	.6	.2	.1								1.1	6.2
ESE	.1	.3										.4	3.8
SE			.1									.1	8.0
SSE	.1	.1										.2	3.0
S	1.1	.8	.5									2.4	4.3
SSW	.8	.4	.3	.1								1.6	4.5
SW	.6	.6	.2	.1								1.6	4.5
WSW	.8	.8	1.0	.2								2.7	5.8
W	1.2	1.2	.4									2.8	4.0
WNW	1.4	1.9	.6	.1								4.1	4.7
NW	1.2	1.1	.9	.1								3.2	5.0
NNW	1.0	1.0	.3									2.3	4.1
VARBL													
CALM												28.1	
	22.4	27.0	19.1	3.2	.2							100.0	3.8

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70, 74-78 (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	2.8	1.8	2.2	.6								7.4	5.7
NNE	1.0	3.3	4.6	3.3	.8							13.0	8.7
NE	1.6	4.5	6.3	3.0	.4							15.9	8.1
ENE	2.9	4.7	5.7	1.6								14.9	6.5
E	2.9	3.2	2.7	.2								9.0	5.2
ESE	.5	.4	.1									1.1	3.8
SE	.6	.8	.3									1.7	4.3
SSE	.5	.8	.3									1.6	4.3
S	.6	1.0										1.8	4.6
SSW	.6	1.2	1.0	.4								3.2	6.4
SW	.3	1.7	1.3	.9								4.2	7.0
WSW	.6	1.0	1.4	.6								3.7	7.3
W	2.0	2.3	1.7	.5								6.6	5.8
WNW	1.2	1.9	.4	.1								3.7	4.6
NW	.9	1.3	.8	.1								3.0	5.3
NNW	1.3	1.1	.4									2.8	4.0
VARBL													
CALM												6.3	
	20.5	31.0	29.2	11.7	1.2							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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70, 74-78 (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	2.8	4.6	3.0	1.0								11.4	5.7
NNE	2.0	3.1	2.8	1.9	.1							10.0	7.4
NE	1.3	4.1	5.4	1.4								12.2	7.2
ENE	1.6	2.6	3.2	1.0								8.4	6.6
E	1.5	4.3	2.9	.3								9.0	5.9
ESE	1.3	2.2	.4									3.9	4.3
SE	.9	1.1	.3									2.3	4.4
SSE	1.0	1.4	.2	.2								2.8	4.7
S	1.3	1.5	.5	.4								3.8	5.4
SSW	.9	1.3	1.0	.3	.1							4.2	6.7
SW	.5	.6	1.1	.3								2.6	6.8
WSW	1.1	2.5	1.8	1.1	.2							6.7	7.0
W	1.4	3.3	2.2	1.1	.1							8.1	6.8
WNW	.8	1.3	1.2	.2								3.4	6.1
NW	.9	1.1	1.0									2.9	5.3
NNW	1.3	1.2	1.0	.3								3.8	5.4
VARBL		.											
CALM												4.7	
	20.4	36.1	28.6	9.6	.5							100.0	6.0

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.2	3.4	.9								8.0	6.7
NNE	1.2	2.9	2.8	.9								7.7	6.7
NE	2.0	4.2	4.6	1.3								12.2	6.6
ENE	2.2	3.7	2.0	.6								8.5	5.6
E	1.9	4.9	1.7	.3	.1							9.0	5.4
ESE	1.9	1.9	.3	.1								4.3	4.1
SE	1.5	1.2	.3									3.0	3.8
SSE	1.4	1.5	1.1	.3								4.3	5.3
S	.8	1.6	.6	.1								3.1	5.0
SSW	.8	1.8	.8	.2								3.5	5.4
SW	.6	1.7	1.0	.2								3.5	5.7
WSW	1.0	2.5	1.8	.5								5.8	6.2
W	2.0	3.3	1.9	.4	.2							8.0	5.9
WNW	1.6	1.5	1.5	.1								4.7	5.3
NW	.4	1.3	.5									2.3	5.4
NNW	2.3	2.0	1.2	.2								5.7	4.8
VARBL													
CALM												6.3	
	23.1	38.3	25.7	6.2	.3							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	2.5	2.9	1.2	.5								7.1	5.0
NNE	2.9	3.2	1.2	.4								7.7	4.9
NE	5.8	4.6	1.8	.3								12.6	4.3
ENE	4.0	.5	.4									4.9	2.9
E	2.7	1.5	.9	.3								5.4	4.3
ESE	.8	1.0		.1								1.8	4.1
SE	.8	.6	.3									1.7	4.0
SSE	1.3	1.0										2.3	3.0
S	1.6	.5	.1	.3								2.6	4.2
SSW	1.4	1.4	.3									3.1	4.0
SW	2.3	1.1	.1									3.4	2.9
WSW	1.3	.4	.2	.1								2.0	3.7
W	3.0	1.9	.5	.1								5.6	3.8
WNW	1.3	.9	.4									2.6	4.1
NW	.2	.2	.1									.5	4.0
NNW	1.4	1.1	.2	.1								2.8	4.0
VARBL													
CALM												33.8	
	33.1	22.9	7.8	2.4								100.0	2.7

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	2.0	1.1	.1								4.8	5.1
NNE	2.9	5.4	1.8	.6								10.8	5.2
NE	7.4	4.0	1.5	.1								13.0	3.7
ENE	1.8	.6	.9	.3								3.7	4.7
E	1.0	.9	.8	.1								2.7	5.6
ESE	.9	.2	.1									1.2	3.1
SE	.9	.6	.1									1.6	3.2
SSE	.6	.2	.1									1.0	3.2
S	.4	.9	.2									1.5	4.3
SSW	2.4	1.4	.3	.1								4.2	3.6
SW	1.3	.5	.1	.1								2.0	3.6
WSW	1.0	.4	.5									1.9	4.4
W	1.2	1.0	.3									2.5	4.0
WNW	.8	2.2	.9									3.8	5.0
NW	.2	.1	.1									.4	4.0
NNW	.1	.5	1.2	.1								1.9	7.3
VARBL													
CALM												42.9	
	24.4	21.0	10.0	1.6								100.0	2.5

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	2.1	2.7	2.1	.6								7.3	5.7
NNE	2.7	4.3	3.0	1.1	.1							11.3	6.2
NE	4.8	5.2	3.7	.9	.1							14.7	5.4
ENE	2.1	2.2	2.0	.5								6.8	5.6
E	1.4	2.1	1.2	.2	.0							4.9	5.3
ESE	.7	.8	.1	.0								1.7	4.0
SE	.6	.6	.2									1.4	4.0
SSE	.6	.6	.3	.1								1.6	4.6
S	1.0	.9	.3	.2								2.4	4.6
SSW	1.2	1.2	.6	.2	.0							3.2	5.0
SW	.9	.9	.5	.2								2.5	5.0
WSW	.9	1.1	1.0	.3	.0							3.4	6.0
W	1.8	2.0	1.0	.3	.0							5.1	5.2
WNW	1.1	1.7	.7	.1	.0		.0					3.6	5.0
NW	.6	1.0	.6	.0								2.1	5.1
NNW	1.0	1.0	.8	.1								2.9	5.0
VARBL													
CALM												25.1	
	23.6	28.2	18.1	4.7	.3		.0					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 7438

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) NOV (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	2.1	1.4	.1								5.3	5.3
NNE	1.8	4.8	2.2	.4								9.2	5.5
NE	3.1	1.8	1.2									6.1	4.0
ENE	1.4	1.1	.2									2.8	3.9
E	1.2	.9	.3									2.4	3.8
ESE	.3	.3										.7	3.0
SE													
SSE	.3	.3										.7	3.3
S	1.8	.7	.4									2.9	3.5
SSW	2.4	2.1	.7									5.2	3.7
SW	1.3	.7	.9									2.9	4.3
WSW	.8	2.4	1.8									5.0	5.8
W	1.7	3.1	2.3	.3								7.4	5.7
WNW	.4	2.8	1.1	.2								4.6	5.9
NW	1.2	1.8	.9	.3								4.2	5.6
NNW	.4	2.0	.4	.4								3.3	5.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	37.2	
	20.0	26.9	14.0	1.9								100.0	3.1

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	1.8	4.0	1.6	.1								7.4	4.9
NNE	3.2	3.6	1.7	.2								8.7	4.9
NE	2.2	3.9	1.6									7.7	4.7
ENE	1.6	2.0	.2									3.8	4.0
E	.8	.2										1.0	2.7
ESE	.2	.2										.4	3.8
SE	.7											.7	2.2
SSE	.3											.3	1.7
S	1.3	.1										1.4	2.5
SSW	2.0	2.4	.6									5.0	4.0
SW	1.2	1.3	.9									3.4	4.5
WSW	1.1	1.4	1.0	.3								3.9	5.5
W	1.8	2.2	2.1	.1								6.2	5.4
WNW	1.9	2.0	.8	.1								4.8	4.5
NW	1.6	2.3	.6	.1	.1							4.7	4.8
NNW	1.8	2.1	.6	.2								4.7	4.7
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	35.9	
	23.4	27.9	11.4	1.2	.1							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 500

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)

13849	SHAW AFB SOUTH CAROLINA/SUMTER	66-70,74-78	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	4.3	2.3									9.2	5.0
NNE	2.1	4.4	2.8	.2								9.6	5.6
NE	3.7	1.9	1.6									7.1	4.2
ENE	.9	1.9	.4	.1								3.3	4.8
E	1.7	.4	.3	.1								2.6	3.8
ESE	.1	.1										.2	3.0
SE	.2	.2										.4	3.5
SSE	.2	.1										.3	3.3
S	.3	.2	.2									.8	4.1
SSW	1.9	1.2	1.1									4.2	4.6
SW	1.4	1.6	.2	.1								3.3	4.0
WSW	.9	1.4	1.3	.7	.1							4.4	7.1
W	2.0	2.2	2.0	.6								6.8	6.0
WNW	1.4	2.1	.7	.1								4.3	4.7
NW	1.7	1.9	.9									4.4	4.7
NNW	1.2	1.6	.9									3.7	4.7
VARBL													
CALM												35.2	
	22.3	25.7	14.8	1.9	.1							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 54 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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	2.1	4.8	3.0	.6								10.4	5.9
NNE	.8	1.7	3.4	1.7								7.6	7.9
NE	2.0	2.2	3.0	.8								8.0	6.6
ENE	2.8	4.3	3.1	.9								11.1	5.7
E	2.6	1.9	1.6	.2								6.2	5.0
ESE	.6	.8	.2									1.6	4.3
SE	.3	.3	.1									.8	3.9
SSE	1.4	1.0	.1									2.6	3.5
S	1.2	1.2	.8	.4	.1							3.8	5.9
SSW	.7	1.1	1.2	.7								3.7	7.1
SW	.6	1.0	1.3	1.0	.1							4.0	8.1
WSW	.7	1.8	2.4	.9	.2							6.0	7.9
W	1.8	3.3	3.6	1.6	.3							10.6	7.2
WNW	1.3	1.3	1.7	.8								5.1	6.6
NW	.9	1.4	1.3	.6	.1							4.3	6.9
NNW	1.3	1.3	1.0	.4								4.1	5.9
VARBL													
CALM												10.2	
	21.0	29.6	27.9	10.4	.9							100.0	5.8

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	1.4	4.3	2.1	.8								8.7	6.0
NNE	1.9	2.0	2.2	1.7								7.8	7.1
NE	1.9	2.0	1.8	.6								6.2	5.8
ENE	1.7	2.7	1.4	.6								6.3	5.6
E	1.7	2.2	.9	.3								5.1	5.3
ESE	1.2	1.7	.8									3.7	4.5
SE	.2	.6	.4									1.2	5.7
SSE	.8	.7	.3									1.8	4.4
S	.8	1.4	1.6	.4								4.2	6.1
SSW	1.3	2.2	1.8	.9								6.2	6.8
SW	1.1	1.8	2.7	1.7								7.2	7.7
WSW	.8	3.1	3.0	1.4	.2							8.6	7.7
W	1.7	2.3	4.4	2.4	.4							11.3	8.1
WNW	1.2	2.0	2.1	1.9	.2							7.5	8.2
NW	.8	1.1	1.6	.4								3.9	6.8
NNW	1.4	1.8	1.8	.3								5.3	5.8
VARBL													
CALM												4.9	
	19.9	31.9	28.9	13.5	.9							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 899

USAFETAC [OCPM 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)

13849 (STATION) | SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) | 66-70,74-78 (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	1.8	2.2	2.0	.5								6.3	5.6
NNE	.9	3.7	2.1	.6								7.2	6.3
NE	.9	2.6	2.1	.3								5.9	6.0
ENE	1.3	1.4	1.1	.4								4.3	5.8
E	2.2	2.1	.4	.3		.1						5.2	4.7
ESE	1.1	.8	.4									2.3	4.1
SE	.7	.8	.3									1.8	4.4
SSE	1.1	.8	.4									2.3	4.5
S	2.2	2.8	1.3	.2								6.6	4.8
SSW	1.7	2.2	1.8	.4	.1							6.2	6.2
SW	.7	1.7	2.7	.3								5.3	7.0
WSW	1.4	3.2	1.9	1.7								8.2	7.1
W	1.6	4.0	3.8	2.7	.2	.1						12.3	7.8
WNW	1.7	1.9	2.2	1.2								7.0	7.0
NW	1.6	1.7	1.6	.3								5.1	5.7
NNW	.8	2.0	1.0	.6								4.3	6.3
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	9.3	
	21.6	33.8	25.3	9.5	.3	.2						100.0	5.6

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	1.2	2.7	1.4	.2								5.6	5.5
NNE	2.2	2.7	1.3	.4								6.7	5.2
NE	2.9	.8	.4	.1								4.2	3.7
ENE	1.3	.7	.8	.1	.1	.1						3.1	6.0
E	.3	.2	.1	.6								1.2	8.2
ESE	.8	.6	.1									1.4	3.5
SE	.7	.3	.2									1.2	3.5
SSE	.7	.6	.2									1.4	3.9
S	1.8	1.4	.8	.1								4.1	4.5
SSW	2.0	.8	.1	.3								3.2	3.8
SW	2.1	2.3	.2									4.7	3.7
WSW	1.3	2.3	1.0	.6								5.2	5.9
W	2.6	4.0	3.2	1.0								10.8	6.0
WNW	1.9	1.7	.7	.1								4.3	4.3
NW	1.9	.7	.7									3.2	4.1
NNW	1.3	1.1	.7	.1								3.2	4.6
VARBL													
CALM												36.2	
	25.1	22.8	12.0	3.7	.1	.1						100.0	3.2

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	2.0	2.0	1.1	.6								5.7	5.5
NNE	2.0	3.5	2.0	.4								7.9	5.5
NE	2.7	1.9	.8									5.4	3.9
ENE	.7	.6	.2	.1								1.6	4.4
E	.8	1.1	.1	.1								2.1	4.3
ESE	.3	.2										.6	3.6
SE	.2		.2									.4	5.3
SSE	.3	.4	.1	.1								1.0	4.8
S	1.5	1.8	.7									3.9	4.6
SSW	2.3	1.1	.4	.2								4.1	3.7
SW	1.9	1.3	.8									4.0	3.9
WSW	.9	2.5	1.3	.1								4.8	5.6
W	1.8	2.8	1.9	1.1								7.6	6.5
WNW	1.1	2.1	1.7	.2								5.1	5.9
NW	1.0	1.9	.7	.2	.1							3.9	5.0
NNW	.6	1.6	.4	.1								2.7	5.3
VARBL													
CALM												39.2	
	20.1	24.8	12.5	3.3	.1							100.0	3.1

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	3.3	1.9	.3								7.3	5.5
NNE	1.9	3.3	2.2	.7								8.1	6.0
NE	2.4	2.1	1.6	.2								6.3	5.0
ENE	1.5	1.8	.9	.3	.0	.0						4.5	5.3
E	1.4	1.1	.5	.2		.0						3.2	4.8
ESE	.6	.6	.2									1.4	4.1
SE	.4	.3	.2									.8	4.2
SSE	.7	.5	.2	.0								1.3	4.0
S	1.4	1.2	.7	.2	.0							3.5	4.8
SSW	1.8	1.7	1.0	.3	.0							4.7	5.1
SW	1.3	1.5	1.2	.4	.0							4.4	5.7
WSW	1.0	2.3	1.7	.7	.1							5.8	6.8
W	1.8	3.0	2.9	1.2	.1	.0						9.1	6.8
WNW	1.4	2.0	1.4	.6	.0							5.3	6.1
NW	1.3	1.6	1.0	.3	.0							4.2	5.6
NNW	1.1	1.7	.8	.3								3.9	5.4
VARBL													
CALM												26.0	
	21.7	27.9	18.4	5.7	.3	.0						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 7192

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70,74-77 (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	1.9	2.5	1.1									5.5	4.5
NNE	2.5	4.6	1.2									8.3	4.3
NE	2.0	2.9	1.2	.3								6.7	5.2
ENE	1.5	.6	.4	.1								2.7	4.3
E	.3	.4	.9	.2								1.8	6.8
ESE	.9		.2									1.1	3.3
SE	.5	.1										.6	2.7
SSE	.2		.1									.3	5.0
S	1.3	.6	1.5	.1								3.5	5.8
SSW	2.2	2.4	1.1	.3	.1							6.0	5.2
SW	1.4	1.9	.8	.2								4.3	4.9
WSW	.9	1.3	2.0	.8								4.9	7.3
W	1.2	3.7	3.3	1.6	.1							9.9	7.1
WNW	1.3	2.9	.9	.2	.1	.1						5.5	5.5
NW	1.0	1.8	.8	.6								4.2	6.4
NNW	.8	1.3	.9									2.9	5.3
VARBL													
CALM												31.7	
	19.8	27.1	16.2	4.7	.3	.1						100.0	3.8

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70,74-77 (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	2.2	2.4	.9									5.4	4.3
NNE	1.9	3.2	1.3	.3								6.8	5.2
NE	3.4	4.8	1.7	.4								10.4	4.7
ENE	1.3	1.2	1.2	.3								4.0	5.6
E	.9	.1		.3								1.3	4.9
ESE	.3	.1	.1									.5	3.8
SE	.3											.3	1.3
SSE	.4	.2	.2									.9	4.1
S	1.2	.6	.6	.3								2.8	5.3
SSW	2.5	1.3	1.1	.2								5.1	4.4
SW	1.3	1.3	1.2	.5								4.3	6.1
WSW	1.1	1.9	1.4	.6	.3							5.4	7.0
W	1.1	4.1	3.8	1.6								10.5	7.1
WNW	1.2	2.6	1.7	.2	.1							5.8	5.8
NW	.8	1.8	1.3	.6								4.5	6.5
NNW	.9	1.7	.8	.1								3.4	5.3
VARBL													
CALM												28.6	
	20.6	27.4	17.2	5.7	.4							100.0	4.0

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70,74-77 (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	1.9	3.2	.4									5.6	4.3
NNE	2.9	2.9	1.1	.1								7.0	4.3
NE	3.3	2.9	2.4	.4								9.0	5.3
ENE	2.0	2.8	1.6	.6	.1							7.2	5.7
E	.4	.6	.5	.1								1.7	5.7
ESE		.3										.3	5.0
SE	.2	.1										.3	3.0
SSE	.4	.1										.5	2.2
S	1.4	.6	.6	.3	.1							3.1	5.8
SSW	1.6	1.2	.5	.1								3.4	4.6
SW	1.8	1.3	1.2	.5								4.8	5.7
WSW	.9	1.2	1.3	1.2								4.5	7.5
W	2.4	4.6	3.4	1.6		.1						12.2	6.8
WNW	1.2	1.8	1.0	.3								4.3	5.7
NW	.8	1.7	2.5	.5								5.5	6.7
NNW	1.0	1.8	.6									3.4	5.0
VARBL													
CALM												27.0	
	22.3	27.3	17.2	5.9	.2	.1						100.0	4.1

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70,74-77 (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	1.0	2.6	1.8	.5								5.9	6.3
NNE	.8	1.8	2.0	.2								4.8	6.2
NE	2.2	3.0	2.7	1.7								9.6	6.8
ENE	1.5	4.8	3.0	1.3								10.6	6.5
E	1.9	2.8	2.0									6.8	5.2
ESE	1.0	.6	.3									1.9	4.1
SE	.5	.4	.1									1.1	3.4
SSE	1.0	1.0	.3	.1								2.4	4.4
S	1.6	.9	.6	.3								3.4	5.0
SSW	1.9	1.6	1.2	.9								5.6	6.0
SW	.9	1.6	.9	1.7								5.1	7.7
WSW	.4	2.6	2.2	2.2	.1							7.4	8.5
W	1.2	3.0	4.3	2.8	.9	.1						12.3	9.1
WNW	.8	1.5	2.2	.6	.2							5.3	7.4
NW	.5	1.4	1.6	.9								4.4	7.5
NNW	.8	1.5	1.2	.3								3.8	6.1
VARBL													
CALM												9.7	
	17.8	31.2	26.5	13.5	1.2	.1						100.0	6.2

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)

13849	SHAW AFB SOUTH CAROLINA/SUMTER	65-70,74-77	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.6	1.7	.4								4.8	6.5
NNE	1.0	2.9	1.7	.1								5.7	5.6
NE	1.2	3.7	2.2	.3		.1						7.4	6.3
ENE	2.2	4.4	1.8	.3								8.7	5.3
E	1.5	2.7	1.3	.1								5.6	5.0
ESE	1.0	.8	.2	.1								2.0	3.7
SE	.5	.4										1.0	3.3
SSE	1.1	.4	.1									1.6	3.0
S	1.5	2.3	.9	.5								5.3	5.9
SSW	1.3	2.3	1.9	1.7	.4							7.6	8.0
SW	.8	2.2	1.5	1.7	.1							6.2	8.0
WSW	.5	2.0	3.3	2.4	.4							8.7	9.2
W	.8	2.8	4.8	4.5	1.2	.2						14.3	10.1
WNW	.5	2.4	2.4	.9	.3	.2						6.7	8.3
NW	.4	1.4	2.2	1.0								4.9	8.0
NNW	.6	2.0	1.5	.5	.1							4.8	6.7
VARBL													
CALM												4.5	
	15.9	34.2	27.5	14.7	2.6	.5						100.0	6.9

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70,74-77 (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	2.4	2.3	1.2	.3								6.1	4.9
NNE	1.0	1.5	.6	.3								3.4	5.2
NE	1.7	2.7	1.4	.3								6.1	5.2
ENE	2.8	2.5	1.5	.3								7.1	4.7
E	2.3	2.3	.6	.2								5.4	4.3
ESE	.8	.4	.3									1.5	3.9
SE	1.0	.1	.1									1.2	2.8
SSE	1.9	.4	.4									2.8	3.3
S	2.8	3.2	1.3	.2	.1							7.6	4.7
SSW	1.9	2.8	1.4	.6	.1							6.9	5.9
SW	1.4	1.7	2.5	.8								6.3	6.6
WSW	1.8	2.6	3.5	1.6	.3							9.9	7.6
W	1.7	2.4	3.7	3.4	1.3							12.5	9.3
WNW	1.0	2.2	1.9	1.4	.3							6.8	7.9
NW	.5	1.4	1.9	.5								4.4	7.1
NNW	.9	1.4	1.9	.9	.1							5.2	7.7
VARBL													
CALM												6.8	
	25.8	29.8	24.4	11.0	2.3							100.0	5.9

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70,74-77 (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	1.7	1.7	.5	.4	.1							4.5	5.4
NNE	2.8	2.7	.6	.2								6.4	4.2
NE	3.4	2.3	1.1	.1								6.9	4.0
ENE	2.3	1.4	.6									4.3	3.8
E	.9	.3	.3	.1								1.6	4.6
ESE	.8	.2	.3									1.3	3.9
SE	.3		.1	.1								.5	5.2
SSE	.3	.8	.3	.1								1.5	4.9
S	1.2	1.5	.4	.1								3.2	4.3
SSW	3.2	1.6	.3	.1								5.3	3.6
SW	2.3	1.5	.8	.2	.1							4.8	4.8
WSW	2.6	1.7	1.6	.9								5.8	5.8
W	3.2	2.5	4.2	1.8	.2							12.0	7.0
WNW	1.2	2.4	1.0	.2	.2							5.0	5.8
NW	1.5	1.3	.4									3.2	4.0
NNW	.5	1.4	1.1									3.0	5.5
VARBL													
CALM												29.6	
	28.2	23.3	13.8	4.4	.6							100.0	3.6

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70,74-77 (YEARS) DEC (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	1.3	3.0	1.1	.1								5.5	5.3
NNE	1.5	2.8	.6	.1								5.1	4.5
NE	2.0	3.1	1.0	.4								6.6	5.0
ENE	1.1	1.0	.6									2.7	4.7
E	.9	1.2	.6									2.7	4.9
ESE	.2	.2	.1									.5	3.8
SE	.2	.4										.6	3.8
SSE	.4	.6	.5	.1								1.7	5.4
S	1.5	1.7	1.3									4.5	5.2
SSW	2.0	1.2	1.1									4.3	4.5
SW	1.6	2.0	.5	.1								4.3	4.4
WSW	1.4	1.3	1.8	.1	.1							4.7	6.:
W	1.7	4.1	3.9	2.2	.2							12.1	7.2
WNW	1.5	1.3	.9	.8								4.4	6.0
NW	1.0	1.4	1.3	.1								3.8	5.5
NNW	.5	.9	1.2									2.6	6.2
VARBL													
CALM												33.8	
	19.0	26.3	16.6	4.0	.3							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 927

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70,74-77 (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	1.7	2.4	1.1	.2	.0							5.4	5.2
NNE	1.8	2.8	1.2	.2								5.9	4.9
NE	2.4	3.2	1.7	.5		.0						7.8	5.3
ENE	1.8	2.3	1.4	.4	.0							5.9	5.3
E	1.1	1.3	.8	.1								3.4	5.0
ESE	.6	.3	.2	.0								1.2	3.8
SE	.3	.2	.0	.0								.7	3.3
SSE	.7	.4	.3	.0								1.5	4.1
S	1.6	1.4	.9	.3	.0							4.2	5.2
SSW	2.1	1.8	1.1	.5	.1							5.5	5.5
SW	1.4	1.7	1.2	.7	.0							5.0	6.2
WSW	1.2	1.8	2.2	1.2	.2							6.6	7.5
W	1.7	3.4	3.9	2.4	.5	.1						12.0	8.0
WNW	1.1	2.1	1.5	.6	.2	.0						5.5	6.7
NW	.8	1.5	1.5	.5								4.4	6.6
NNW	.7	1.5	1.1	.2	.0							3.6	6.1
VARBL													
CALM												21.5	
	21.2	28.3	19.9	8.0	1.0	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 7435

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)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70,74-78 (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	1.4	2.0	1.3	.3	.0							5.1	5.5
NNE	1.7	2.4	1.6	.5	.0	.0						6.2	5.7
NE	2.4	3.0	2.1	.6	.0	.0						8.1	5.6
ENE	1.6	2.2	1.6	.4	.0	.0						5.8	5.6
E	1.6	1.9	1.1	.2	.0	.0						4.8	5.1
ESE	.8	.8	.4	.0								2.0	4.4
SE	.7	.6	.3	.0	.0	.0						1.7	4.5
SSE	1.0	.9	.4	.1	.0							2.4	4.6
S	2.0	2.0	1.1	.4	.0	.0		.0				5.5	5.2
SSW	2.3	2.6	1.5	.5	.0	.0						6.8	5.3
SW	1.7	2.4	1.6	.6	.0	.0	.0					6.3	6.0
WSW	1.2	2.2	2.0	.8	.1	.0	.0					6.3	6.8
W	1.5	2.9	2.5	1.2	.2	.0	.0					8.3	7.0
WNW	1.0	1.7	1.0	.4	.1	.0	.0					4.2	6.1
NW	.7	1.2	.7	.2	.0	.0						2.9	5.8
NNW	.8	1.2	.7	.2	.0	.0						2.9	5.6
VARBL													
CALM												20.6	
	22.4	30.0	19.9	6.4	.5	.1	.0	.0				100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 87624

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)

13849	SHAW AFB SOUTH CAROLINA/SUMTER	65-70,74-78	ALL
STATION	STATION NAME	YEARS	MONTH

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

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.9	2.1	.3	.0							7.0	5.7
NNE	1.7	3.0	3.4	1.0	.0	.0						9.1	6.8
NE	2.4	4.9	4.2	1.9	.1	.0						13.4	6.8
ENE	1.9	3.5	2.8	.9	.2	.0						9.3	6.4
E	2.4	2.7	1.8	.5		.0						7.3	5.3
ESE	1.2	1.2	.5	.0								2.8	4.2
SE	1.0	.9	.5	.1								2.5	4.7
SSE	1.0	.9	.5	.1	.0							2.5	5.0
S	1.8	1.3	1.1	.6	.1	.0		.0				4.9	5.9
SSW	1.7	2.1	1.0	.5	.1	.0						5.3	5.7
SW	.9	1.7	1.2	.4	.0							4.2	6.3
WSW	.8	1.6	1.0	.5	.0		.0					3.9	6.4
W	1.0	1.4	1.3	.5	.1							4.3	6.5
WNW	.8	1.0	.6	.2	.0		.0					2.6	5.7
NW	.5	1.0	.7	.1	.0							2.2	5.9
NNW	.8	1.4	.7	.1								3.1	5.2
VARBL													
CALM												15.4	
	21.5	31.4	23.1	7.8	.7	.1	.0	.0				100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 8890

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

D

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

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

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 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																98.1
≥ 300 ≥ 200																
≥ 100 0							96.9									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.

874-30084

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JAN (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	48.3	54.3	55.3	55.7	55.9	55.9	56.1	56.2	56.2	56.3	56.3	56.3	56.4	56.4	56.6	56.6
≥ 20000	49.7	56.2	57.3	57.6	57.8	57.8	58.0	58.1	58.1	58.3	58.3	58.3	58.4	58.4	58.6	58.6
≥ 18000	49.7	56.2	57.3	57.6	57.8	57.8	58.0	58.1	58.1	58.3	58.3	58.3	58.4	58.4	58.6	58.6
≥ 16000	49.9	56.4	57.5	57.8	58.0	58.0	58.3	58.4	58.4	58.5	58.5	58.5	58.6	58.6	58.8	58.8
≥ 14000	50.3	57.1	58.1	58.5	58.7	58.7	58.9	59.0	59.0	59.1	59.1	59.1	59.2	59.2	59.4	59.4
≥ 12000	52.2	59.5	60.6	60.9	61.2	61.2	61.4	61.5	61.5	61.6	61.6	61.6	61.7	61.7	61.9	61.9
≥ 10000	53.8	61.5	62.6	63.0	63.2	63.2	63.4	63.5	63.5	63.6	63.6	63.6	63.8	63.8	64.0	64.0
≥ 9000	54.0	61.7	62.8	63.2	63.4	63.4	63.6	63.8	63.8	63.9	63.9	63.9	64.0	64.0	64.2	64.2
≥ 8000	54.9	62.8	63.9	64.3	64.5	64.5	64.7	64.8	64.8	64.9	64.9	64.9	65.0	65.0	65.3	65.3
≥ 7000	55.7	63.5	64.6	65.0	65.3	65.3	65.6	65.7	65.7	65.8	65.8	65.8	65.9	65.9	66.1	66.1
≥ 6000	58.1	66.2	67.3	68.0	68.2	68.2	68.5	68.6	68.6	68.7	68.7	68.7	68.8	68.8	69.0	69.0
≥ 5000	59.2	67.7	68.9	69.6	69.8	69.8	70.1	70.2	70.2	70.3	70.3	70.3	70.4	70.4	70.7	70.7
≥ 4500	60.3	68.8	70.1	70.8	71.3	71.3	71.6	71.7	71.7	71.8	71.8	71.8	72.0	72.0	72.2	72.2
≥ 4000	60.9	69.9	71.2	72.0	72.5	72.5	72.8	72.9	72.9	73.0	73.0	73.0	73.1	73.1	73.4	73.4
≥ 3500	61.2	70.2	71.5	72.3	72.8	72.8	73.1	73.2	73.2	73.4	73.4	73.4	73.5	73.5	73.7	73.7
≥ 3000	61.8	71.4	72.8	73.7	74.2	74.2	74.5	74.8	74.8	74.9	74.9	74.9	75.0	75.1	75.3	75.3
≥ 2500	62.2	72.6	74.0	74.9	75.4	75.4	75.7	75.9	75.9	76.1	76.1	76.1	76.2	76.3	76.5	76.5
≥ 2000	62.6	73.2	74.8	75.6	76.3	76.3	76.6	76.8	76.8	76.9	76.9	76.9	77.0	77.1	77.3	77.3
≥ 1800	62.8	73.5	75.0	75.8	76.5	76.5	76.8	77.0	77.0	77.1	77.1	77.1	77.2	77.3	77.6	77.6
≥ 1500	63.5	74.3	76.1	77.1	77.8	77.8	78.1	78.3	78.3	78.4	78.4	78.4	78.5	78.6	78.9	78.9
≥ 1200	64.1	75.5	77.7	78.9	79.6	79.6	79.9	80.2	80.2	80.3	80.3	80.3	80.4	80.5	80.7	80.7
≥ 1000	64.6	76.7	79.2	80.6	81.4	81.4	82.1	82.3	82.3	82.4	82.4	82.4	82.5	82.6	82.8	82.8
≥ 900	65.5	77.9	80.8	82.2	83.1	83.1	83.7	83.9	83.9	84.0	84.0	84.0	84.1	84.3	84.5	84.5
≥ 800	66.0	78.6	81.9	83.3	84.8	84.8	85.5	85.8	85.8	85.9	85.9	85.9	86.0	86.1	86.3	86.3
≥ 700	66.2	79.0	82.5	84.1	86.0	86.4	87.3	87.6	87.6	87.7	87.7	87.7	87.8	87.9	88.1	88.1
≥ 600	66.5	79.5	83.3	85.3	87.8	88.7	89.6	90.0	90.0	90.1	90.1	90.1	90.2	90.3	90.5	90.5
≥ 500	66.8	79.8	83.9	86.0	89.1	90.4	91.4	91.7	91.7	91.8	91.8	91.8	91.9	92.0	92.2	92.2
≥ 400	66.8	79.9	84.1	86.2	90.2	91.7	92.9	93.4	93.4	93.5	93.5	93.5	93.6	93.7	94.0	94.0
≥ 300	66.8	79.9	84.1	86.2	90.7	92.3	93.7	94.4	94.4	94.7	94.7	94.7	94.8	94.9	95.1	95.1
≥ 200	66.8	79.9	84.1	86.3	90.8	92.6	94.2	95.3	95.3	95.7	95.9	95.9	96.1	96.3	97.2	97.5
≥ 100	66.8	79.9	84.1	86.3	90.8	92.7	94.3	95.4	95.7	96.1	96.4	96.4	96.7	97.0	98.2	99.1
≥ 0	66.8	79.9	84.1	86.3	90.8	92.7	94.3	95.4	95.7	96.1	96.4	96.4	96.7	97.0	98.2	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS A.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥¾	≥⅝	≥	≥5/16	≥¼	≥0
NO CEILING	46.7	53.0	54.2	54.3	54.6	54.6	54.6	54.6	54.6	54.8	54.8	54.8	54.8	54.9	55.2	55.4
≥ 20000	48.0	54.7	55.9	56.0	56.3	56.3	56.3	56.3	56.3	56.6	56.6	56.6	56.6	56.7	57.1	57.3
≥ 18000	48.0	54.7	55.9	56.0	56.3	56.3	56.3	56.3	56.3	56.6	56.6	56.6	56.6	56.7	57.1	57.3
≥ 16000	48.5	55.2	56.4	56.5	56.9	56.9	56.9	56.9	56.9	57.2	57.2	57.2	57.2	57.3	57.6	57.8
≥ 14000	48.5	55.3	56.5	56.6	57.0	57.0	57.0	57.0	57.0	57.3	57.3	57.3	57.3	57.4	57.7	57.9
≥ 12000	49.9	56.7	57.9	58.0	58.4	58.4	58.4	58.4	58.4	58.7	58.7	58.7	58.7	58.8	59.1	59.3
≥ 10000	52.3	59.2	60.4	60.5	60.8	60.8	60.8	60.8	60.8	61.2	61.2	61.2	61.2	61.3	61.6	61.8
≥ 9000	52.4	59.3	60.5	60.6	60.9	60.9	60.9	60.9	60.9	61.3	61.3	61.3	61.3	61.4	61.7	61.9
≥ 8000	53.8	60.9	62.1	62.2	62.6	62.6	62.6	62.6	62.6	62.9	62.9	62.9	62.9	63.0	63.3	63.5
≥ 7000	54.9	62.0	63.2	63.3	63.6	63.6	63.6	63.6	63.6	64.0	64.0	64.0	64.0	64.1	64.4	64.6
≥ 6000	57.4	64.8	66.2	66.3	66.7	66.7	66.7	66.8	66.8	67.1	67.1	67.1	67.1	67.2	67.5	67.7
≥ 5000	58.0	65.7	67.1	67.2	67.6	67.6	67.6	67.7	67.7	68.1	68.1	68.1	68.1	68.2	68.5	68.7
≥ 4500	58.5	66.1	67.5	67.6	68.2	68.2	68.2	68.3	68.3	68.6	68.6	68.6	68.6	68.7	69.0	69.3
≥ 4000	59.3	67.0	68.4	68.5	69.0	69.0	69.0	69.1	69.1	69.5	69.5	69.5	69.5	69.6	69.9	70.1
≥ 3500	59.5	67.3	68.7	68.8	69.6	69.6	69.6	69.7	69.7	70.0	70.0	70.0	70.0	70.1	70.4	70.7
≥ 3000	60.5	68.3	70.0	70.1	70.9	70.9	70.9	71.0	71.0	71.3	71.3	71.3	71.3	71.4	71.7	72.0
≥ 2500	60.7	68.9	70.7	71.0	71.7	71.7	71.7	71.8	71.8	72.2	72.2	72.2	72.2	72.3	72.6	72.8
≥ 2000	61.8	70.4	72.5	73.0	73.8	73.8	73.8	73.9	74.0	74.3	74.3	74.3	74.3	74.4	74.8	75.0
≥ 1800	61.9	70.6	72.8	73.4	74.1	74.1	74.1	74.2	74.3	74.6	74.6	74.6	74.6	74.8	75.1	75.3
≥ 1500	62.4	71.1	73.6	74.1	74.9	74.9	74.9	75.0	75.1	75.4	75.4	75.4	75.4	75.5	75.8	76.1
≥ 1200	63.8	72.8	75.3	75.8	76.7	76.7	76.7	76.8	76.9	77.2	77.2	77.2	77.2	77.3	77.7	77.9
≥ 1000	64.4	74.5	77.6	78.1	79.2	79.2	79.3	79.4	79.5	79.9	79.9	79.9	79.9	80.0	80.4	80.6
≥ 900	65.0	75.5	78.6	79.3	80.4	80.4	80.5	80.6	80.7	81.1	81.1	81.1	81.1	81.2	81.6	81.8
≥ 800	65.5	76.3	79.6	80.4	81.4	81.4	81.7	81.8	82.0	82.4	82.4	82.4	82.4	82.5	82.8	83.1
≥ 700	65.6	76.7	80.5	81.8	83.1	83.3	83.5	83.6	83.8	84.4	84.4	84.4	84.4	84.5	84.8	85.0
≥ 600	65.6	76.8	80.7	82.5	84.1	84.5	84.7	84.9	85.1	85.7	85.7	85.7	85.7	85.8	86.1	86.3
≥ 500	65.9	77.2	81.7	84.5	86.8	87.7	88.3	88.8	89.1	89.6	89.6	89.6	89.6	89.8	90.1	90.3
≥ 400	66.1	77.5	81.9	84.9	87.8	88.7	90.5	90.9	91.3	91.8	91.8	91.8	91.8	91.9	92.2	92.4
≥ 300	66.1	77.5	81.9	85.0	89.0	90.3	92.9	93.4	93.7	94.3	94.5	94.5	94.5	94.6	94.9	95.1
≥ 200	66.1	77.5	81.9	85.0	89.0	90.4	93.6	94.3	94.6	95.5	95.9	95.9	96.2	96.3	97.1	97.4
≥ 100	66.1	77.5	81.9	85.0	89.0	90.5	93.9	94.5	94.8	95.8	96.2	96.2	96.8	96.9	97.8	99.4
0	66.1	77.5	81.9	85.0	89.0	90.5	93.9	94.5	94.8	95.8	96.2	96.2	96.9	97.0	98.0	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	37.6	48.0	49.2	49.9	50.2	50.3	50.8	50.8	50.8	51.0	51.0	51.0	51.2	51.5	51.5	51.6
≥ 20000	39.1	49.5	50.7	51.5	51.7	51.8	52.3	52.3	52.3	52.6	52.6	52.6	52.9	53.2	53.2	53.3
≥ 18000	39.1	49.5	50.7	51.5	51.7	51.8	52.3	52.3	52.3	52.6	52.6	52.6	52.9	53.2	53.2	53.3
≥ 16000	39.2	49.6	50.8	51.6	51.8	51.9	52.4	52.4	52.4	52.7	52.7	52.7	53.0	53.3	53.3	53.4
≥ 14000	39.2	49.6	50.8	51.6	51.8	51.9	52.4	52.4	52.4	52.7	52.7	52.7	53.0	53.3	53.3	53.4
≥ 12000	40.9	51.8	53.0	53.7	53.9	54.0	54.6	54.6	54.6	54.9	54.9	54.9	55.1	55.4	55.4	55.5
≥ 10000	43.3	54.5	55.7	56.5	56.7	56.8	57.4	57.4	57.4	57.7	57.7	57.7	57.9	58.2	58.2	58.3
≥ 9000	43.3	54.5	55.7	56.5	56.7	56.8	57.5	57.5	57.5	57.8	57.8	57.8	58.0	58.3	58.3	58.4
≥ 8000	44.7	56.1	57.6	58.6	58.8	58.9	59.6	59.6	59.6	60.0	60.0	60.0	60.2	60.5	60.5	60.6
≥ 7000	45.4	56.8	58.4	59.6	59.8	60.0	60.7	60.7	60.7	61.0	61.0	61.0	61.2	61.6	61.6	61.7
≥ 6000	47.7	59.5	61.2	62.4	62.8	62.9	63.6	63.6	63.6	63.9	63.9	63.9	64.2	64.5	64.5	64.6
≥ 5000	49.1	61.1	62.9	64.2	64.6	64.7	65.4	65.4	65.4	65.8	65.8	65.8	66.0	66.3	66.3	66.4
≥ 4500	49.6	61.7	63.4	64.7	65.2	65.3	66.1	66.1	66.1	66.4	66.4	66.4	66.6	67.0	67.0	67.1
≥ 4000	50.9	63.7	65.7	67.0	67.5	67.6	68.4	68.4	68.4	68.7	68.7	68.7	68.9	69.2	69.2	69.3
≥ 3500	51.6	64.7	66.6	68.0	68.6	68.7	69.4	69.4	69.4	69.8	69.8	69.8	70.0	70.3	70.3	70.4
≥ 3000	52.3	65.7	68.0	69.5	70.2	70.3	71.2	71.3	71.3	71.6	71.6	71.6	71.8	72.1	72.1	72.2
≥ 2500	52.3	65.8	68.1	69.8	70.4	70.5	71.4	71.5	71.5	71.8	71.8	71.8	72.0	72.3	72.3	72.4
≥ 2000	53.1	67.2	69.8	71.5	72.1	72.3	73.2	73.3	73.3	73.6	73.6	73.6	73.8	74.2	74.3	74.4
≥ 1800	53.3	67.6	70.2	71.9	72.6	72.8	73.6	73.7	73.7	74.1	74.1	74.1	74.3	74.6	74.7	74.8
≥ 1500	53.7	68.0	70.6	72.4	73.2	73.4	74.3	74.4	74.4	74.7	74.7	74.7	74.9	75.2	75.3	75.5
≥ 1200	54.8	69.3	72.0	74.0	74.9	75.1	76.0	76.1	76.1	76.4	76.4	76.4	76.6	77.0	77.1	77.2
≥ 1000	54.9	70.5	73.6	75.8	76.9	77.1	77.9	78.0	78.0	78.4	78.4	78.4	78.7	79.0	79.1	79.2
≥ 900	55.0	71.2	74.3	76.9	77.9	78.1	79.0	79.1	79.1	79.4	79.4	79.4	79.8	80.1	80.2	80.3
≥ 800	55.3	72.0	75.1	77.8	78.9	79.1	80.3	80.4	80.4	80.7	80.7	80.7	81.1	81.4	81.5	81.6
≥ 700	55.3	72.3	76.0	79.0	80.6	80.9	82.2	82.3	82.3	82.7	82.7	82.7	83.0	83.3	83.4	83.5
≥ 600	55.3	72.4	76.2	79.9	81.8	82.2	83.5	83.6	83.6	84.0	84.0	84.0	84.3	84.6	84.7	84.8
≥ 500	55.3	72.7	76.6	81.2	83.7	84.4	86.2	86.4	86.4	86.8	86.9	86.9	87.2	87.5	87.6	87.7
≥ 400	55.3	72.7	76.7	81.6	84.7	85.4	88.2	88.8	88.8	89.1	89.3	89.3	89.7	90.0	90.2	90.3
≥ 300	55.3	72.7	76.7	81.9	85.5	86.9	91.0	91.8	91.9	92.5	92.8	92.9	93.2	93.5	93.9	94.0
≥ 200	55.3	72.8	76.9	82.0	85.7	87.1	91.4	92.6	93.0	94.0	95.2	95.3	96.1	96.4	97.0	97.4
> 100	55.3	72.8	76.9	82.0	85.7	87.1	91.5	92.9	93.4	94.5	95.7	95.8	96.7	97.3	98.1	99.4
> 0	55.3	72.8	76.9	82.0	85.7	87.1	91.5	92.9	93.4	94.5	95.7	95.8	96.7	97.3	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM 1 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥⅛	≥0	
NO CEILING	34.6	47.7	48.5	49.1	49.2	49.5	49.5	49.5	49.5	49.6	49.6	49.6	49.7	49.7	49.7	49.7
≥ 20000	36.1	49.9	50.6	51.4	51.5	51.7	51.7	51.7	51.7	51.8	51.9	51.9	52.0	52.0	52.0	52.0
≥ 18000	36.1	49.9	50.6	51.4	51.5	51.7	51.7	51.7	51.7	51.8	51.9	51.9	52.0	52.0	52.0	52.0
≥ 16000	36.2	50.0	50.8	51.5	51.6	51.8	51.8	51.8	51.8	51.9	52.0	52.0	52.2	52.2	52.2	52.2
≥ 14000	37.0	50.8	51.5	52.3	52.4	52.6	52.6	52.6	52.6	52.7	52.8	52.8	52.9	52.9	52.9	52.9
≥ 12000	38.7	52.6	53.3	54.1	54.2	54.4	54.4	54.4	54.4	54.5	54.6	54.6	54.7	54.7	54.7	54.7
≥ 10000	40.9	55.4	56.1	57.0	57.2	57.4	57.4	57.4	57.4	57.5	57.6	57.6	57.7	57.7	57.7	57.7
≥ 9000	41.4	55.9	56.7	57.5	57.7	58.0	58.0	58.0	58.0	58.1	58.2	58.2	58.3	58.3	58.3	58.3
≥ 8000	42.4	58.0	58.8	59.7	60.0	60.2	60.2	60.2	60.2	60.3	60.4	60.4	60.5	60.5	60.5	60.5
≥ 7000	43.2	59.0	60.1	61.1	61.5	61.7	61.8	61.8	61.8	61.9	62.0	62.0	62.2	62.2	62.2	62.2
≥ 6000	44.0	60.5	61.6	62.7	63.2	63.4	63.5	63.5	63.5	63.7	63.8	63.8	63.9	63.9	63.9	63.9
≥ 5000	44.4	61.2	62.3	63.5	64.1	64.3	64.4	64.4	64.4	64.6	64.7	64.7	64.8	64.8	64.8	64.8
≥ 4500	45.7	62.8	64.0	65.4	65.9	66.1	66.2	66.2	66.2	66.5	66.6	66.6	66.7	66.7	66.7	66.7
≥ 4000	46.0	63.7	65.1	66.6	67.1	67.3	67.4	67.4	67.4	67.6	67.7	67.7	67.8	67.8	67.8	67.8
≥ 3500	46.5	64.5	66.0	67.5	68.1	68.3	68.4	68.4	68.4	68.6	68.7	68.7	68.8	68.8	68.8	68.8
≥ 3000	46.7	65.6	67.2	68.7	69.6	69.8	70.0	70.0	70.0	70.3	70.4	70.4	70.5	70.5	70.5	70.5
≥ 2500	47.6	66.9	68.6	70.1	71.0	71.4	71.6	71.6	71.6	71.9	72.0	72.0	72.2	72.2	72.2	72.2
≥ 2000	48.2	68.0	69.7	71.2	72.2	72.6	72.8	72.8	72.8	73.1	73.2	73.2	73.3	73.3	73.3	73.3
≥ 1800	48.6	68.5	70.3	71.8	72.8	73.2	73.4	73.4	73.4	73.8	73.9	73.9	74.0	74.0	74.0	74.0
≥ 1500	49.0	69.7	71.5	73.1	74.2	74.6	74.8	74.8	74.8	75.2	75.3	75.3	75.4	75.4	75.4	75.4
≥ 1200	49.5	70.8	73.0	74.8	76.1	76.8	77.1	77.1	77.1	77.4	77.5	77.5	77.6	77.6	77.6	77.6
≥ 1000	49.6	72.0	74.4	76.5	77.8	78.6	78.9	79.0	79.0	79.5	79.7	79.7	79.8	79.8	79.8	79.8
≥ 900	49.6	72.4	74.9	77.2	78.6	79.4	79.9	80.0	80.0	80.4	80.6	80.6	80.8	80.8	80.8	80.8
≥ 800	49.6	73.0	75.9	78.4	79.9	80.8	81.3	81.4	81.4	81.8	82.0	82.0	82.2	82.2	82.2	82.2
≥ 700	49.8	74.1	77.2	80.4	82.4	83.7	84.4	84.6	84.6	85.1	85.4	85.4	85.6	85.7	85.7	85.7
≥ 600	49.8	74.2	77.6	81.4	83.7	84.9	85.9	86.3	86.3	86.8	87.1	87.1	87.3	87.4	87.4	87.4
≥ 500	49.8	74.3	77.8	82.5	85.6	87.3	89.1	89.8	89.8	90.2	90.5	90.5	90.9	91.0	91.0	91.0
≥ 400	49.8	74.5	78.1	82.7	86.8	88.8	91.0	92.5	92.7	93.7	94.0	94.0	94.3	94.4	94.4	94.4
≥ 300	49.8	74.5	78.1	82.8	87.2	89.5	91.7	93.9	94.1	95.6	96.5	96.6	96.9	97.0	97.1	97.1
≥ 200	49.8	74.5	78.1	82.8	87.2	89.5	91.8	94.1	94.3	95.9	96.9	97.0	97.6	98.0	98.4	98.8
≥ 100	49.8	74.5	78.1	82.8	87.2	89.5	91.8	94.1	94.3	95.9	96.9	97.0	97.7	98.2	98.8	99.9
≥ 0	49.8	74.5	78.1	82.8	87.2	89.5	91.8	94.1	94.3	95.9	96.9	97.0	97.7	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	43.8	51.6	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	52.2
≥ 20000	46.8	55.8	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 18000	46.8	55.8	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 16000	46.9	55.9	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 14000	47.8	56.9	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 12000	48.8	57.8	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 10000	51.5	60.8	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 9000	51.9	61.5	62.0	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
≥ 8000	53.1	63.3	64.0	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
≥ 7000	53.4	63.8	64.6	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 6000	54.6	65.4	66.2	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 5000	55.1	66.0	66.9	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 4500	55.3	66.3	67.2	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 4000	56.0	67.7	68.7	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 3500	56.2	68.4	69.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 3000	57.5	70.2	71.5	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 2500	58.0	71.0	72.4	73.8	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2000	58.7	72.4	74.1	75.6	76.0	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 1800	58.9	72.9	74.6	76.1	76.7	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 1500	59.5	74.4	76.2	78.0	78.5	78.7	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 1200	60.0	76.9	78.8	80.6	81.3	81.6	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 1000	60.3	78.6	81.1	83.3	84.0	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 900	60.3	79.2	81.9	84.3	85.1	85.5	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 800	60.4	79.9	83.1	85.7	86.5	86.9	87.0	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 700	60.4	80.4	84.6	87.4	88.6	89.5	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 600	60.4	80.8	85.3	88.4	90.0	90.9	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 500	60.4	80.9	85.5	88.8	91.1	92.0	93.1	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 400	60.4	81.0	85.6	89.2	92.0	93.2	94.4	95.5	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 300	60.4	81.0	85.8	89.6	92.7	93.9	95.1	96.3	96.7	97.2	97.6	97.6	97.8	97.8	98.0	98.0
≥ 200	60.4	81.0	85.8	89.6	92.7	93.9	95.1	96.7	97.2	97.7	98.3	98.4	98.8	98.9	99.4	99.5
≥ 100	60.4	81.0	85.8	89.6	92.7	93.9	95.1	96.7	97.2	97.8	98.4	98.5	99.2	99.4	99.9	100.0
≥ 0	60.4	81.0	85.8	89.6	92.7	93.9	95.1	96.7	97.2	97.8	98.4	98.5	99.2	99.4	99.9	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (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	44.3	52.3	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
≥ 20000	48.5	57.1	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 18000	48.6	57.2	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 16000	48.9	57.6	57.7	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
≥ 14000	50.1	58.8	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
≥ 12000	51.0	59.9	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
≥ 10000	53.1	63.0	63.1	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 9000	53.2	63.2	63.3	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 8000	54.8	65.7	65.9	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 7000	55.1	66.0	66.2	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 6000	55.8	67.1	67.3	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 5000	56.9	69.1	69.4	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 4500	57.0	69.2	69.5	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 4000	58.5	71.4	71.6	71.9	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 3500	58.7	72.3	72.5	72.8	73.1	73.1	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 3000	59.7	74.3	74.8	75.4	75.7	75.7	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 2500	60.9	76.0	77.1	77.7	78.2	78.3	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 2000	61.7	78.1	79.5	80.5	81.0	81.1	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 1800	61.8	78.5	80.0	81.1	81.6	81.7	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1500	62.2	79.0	80.6	81.8	82.4	82.5	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1200	62.5	80.9	82.8	84.5	85.3	85.4	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1000	62.5	81.9	84.4	86.2	87.0	87.1	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 900	62.6	82.2	84.6	86.5	87.5	87.6	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 800	62.6	82.2	85.1	87.1	88.4	88.6	88.9	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 700	62.6	82.7	85.6	88.4	90.1	90.3	90.9	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 600	62.6	83.1	86.2	89.2	91.4	91.7	92.4	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 500	62.6	83.3	87.1	90.8	93.4	94.0	94.7	95.2	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 400	62.6	83.4	87.2	91.1	94.2	94.7	95.6	96.1	96.7	96.8	96.8	96.8	97.0	97.0	97.0	97.0
≥ 300	62.6	83.4	87.2	91.3	94.4	95.1	96.0	96.8	97.4	97.8	98.1	98.1	98.6	98.6	98.6	98.6
≥ 200	62.6	83.4	87.2	91.3	94.4	95.2	96.1	97.0	97.6	98.1	98.5	98.5	99.4	99.6	99.6	99.6
≥ 100	62.6	83.4	87.2	91.3	94.4	95.2	96.1	97.0	97.6	98.1	98.5	98.5	99.4	99.6	99.6	99.9
≥ 0	62.6	83.4	87.2	91.3	94.4	95.2	96.1	97.0	97.6	98.1	98.5	98.5	99.4	99.6	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS L.S.T.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	48.8	56.9	57.2	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 20000	51.8	60.8	61.1	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 18000	51.9	60.9	61.2	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
≥ 16000	52.0	61.0	61.3	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
≥ 14000	52.7	61.7	62.0	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 12000	53.8	63.3	63.7	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 10000	55.1	65.3	65.6	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
≥ 9000	55.3	65.6	65.9	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 8000	57.1	68.2	68.6	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 7000	57.8	68.9	69.4	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 6000	58.7	70.2	70.8	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 5000	60.1	72.5	73.1	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 4500	61.0	73.4	74.2	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 4000	61.8	74.5	75.5	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 3500	62.6	75.4	76.3	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 3000	63.2	76.3	77.3	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2500	63.5	77.7	79.0	79.6	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 2000	64.4	79.7	81.5	82.0	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1800	64.4	80.1	81.9	82.5	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1600	64.8	80.8	82.8	83.5	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1200	64.9	81.4	83.7	84.7	85.6	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1000	65.8	82.7	85.1	86.2	87.1	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 900	66.0	83.2	85.7	86.9	87.7	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 800	66.0	83.5	86.6	88.0	88.9	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 700	66.1	83.9	87.3	88.9	90.2	90.6	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 600	66.3	84.3	87.8	89.6	91.5	91.9	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 500	66.3	84.4	88.3	90.0	92.0	92.6	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 400	66.3	84.4	88.6	90.4	93.1	93.7	94.9	95.3	95.3	95.3	95.4	95.4	95.5	95.5	95.5	95.5
≥ 300	66.3	84.4	88.6	90.5	94.0	94.7	96.0	96.5	96.5	97.0	97.2	97.2	97.3	97.3	97.3	97.3
≥ 200	66.3	84.4	88.6	90.6	94.4	95.3	96.7	97.1	97.3	98.0	98.4	98.4	98.6	98.6	98.7	98.7
≥ 100	66.3	84.4	88.6	90.8	94.5	95.4	96.8	97.6	97.8	98.6	99.0	99.0	99.4	99.4	99.5	99.6
0	66.3	84.4	88.6	90.8	94.5	95.4	96.8	97.0	97.8	98.6	99.0	99.0	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1 7/8	≥1 3/4	≥1 1/2	≥1 1/4	≥1	≥7/8	≥3/4	≥5/8	≥1/2	≥0
NO CEILING	50.1	57.7	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4
≥ 20000	51.4	59.2	60.5	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9
≥ 18000	51.4	59.2	60.5	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9
≥ 16000	51.4	59.2	60.5	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9
≥ 14000	51.5	59.4	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0
≥ 12000	52.6	61.3	62.7	62.8	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0
≥ 10000	54.1	63.5	64.9	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3
≥ 9000	54.5	64.0	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7
≥ 8000	55.6	65.8	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5
≥ 7000	56.9	67.1	68.5	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9
≥ 6000	58.2	69.4	70.8	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2
≥ 5000	59.7	71.4	72.9	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4500	61.0	72.7	74.2	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6
≥ 4000	61.8	73.8	75.4	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8
≥ 3500	62.6	74.7	76.3	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3000	63.2	75.9	77.6	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.9	78.9
≥ 2500	63.7	76.7	78.5	78.9	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.9	79.9
≥ 2000	64.3	77.8	79.8	80.3	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.3	81.3
≥ 1800	64.7	78.4	80.5	81.1	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	82.0	82.0
≥ 1500	65.3	79.5	82.0	82.7	83.4	83.4	83.4	83.4	83.4	83.5	83.7	83.7	83.7	83.7	83.8	83.8
≥ 1200	65.7	80.0	82.6	83.3	84.3	84.3	84.3	84.3	84.3	84.4	84.5	84.5	84.5	84.5	84.6	84.6
≥ 1000	66.2	81.1	84.0	84.8	86.0	86.3	86.3	86.3	86.3	86.5	86.6	86.6	86.6	86.6	86.7	86.7
900	66.5	82.4	85.5	86.3	87.7	88.1	88.1	88.1	88.1	88.2	88.3	88.3	88.3	88.3	88.4	88.4
≥ 800	66.9	83.0	86.5	87.4	88.8	89.1	89.2	89.2	89.2	89.4	89.5	89.5	89.5	89.5	89.6	89.6
≥ 700	66.9	83.2	87.5	88.9	91.0	91.4	91.5	91.5	91.5	91.6	91.7	91.7	91.7	91.7	91.8	91.8
≥ 600	66.9	83.3	88.2	89.6	91.9	92.4	92.7	92.7	92.7	92.8	92.9	92.9	92.9	92.9	93.0	93.0
≥ 500	67.3	83.8	88.6	90.0	93.0	93.5	93.9	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.2	94.2
≥ 400	67.3	83.9	88.7	90.6	94.1	95.1	95.4	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.8	95.8
≥ 300	67.3	84.0	88.8	90.9	94.6	95.7	96.2	96.6	96.6	96.7	96.8	96.8	96.8	96.8	97.0	97.0
≥ 200	67.3	84.0	88.9	91.0	94.7	96.0	97.0	97.3	97.4	97.7	97.8	97.8	97.8	97.8	98.1	98.1
≥ 100	67.3	84.0	88.9	91.0	94.7	96.0	97.0	97.4	97.6	98.3	98.5	98.5	98.5	98.7	99.1	99.2
≥ 0	67.3	84.0	88.9	91.0	94.7	96.0	97.0	97.4	97.6	98.3	98.5	98.5	98.5	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 10 Oct 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR (LST))

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	>5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥	≥5/16	≥¼	0
NO CEILING	44.3	52.7	[illegible]	53.8	53.9	54.0	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.3	54.3	54.4
≥ 20000	46.4	55.4	[illegible]	56.5	56.7	56.7	56.8	56.8	56.8	56.9	57.0	57.0	57.0	57.1	57.1	57.2
≥ 18000	46.5	55.4	56.2	56.6	56.7	56.7	56.8	56.9	56.9	57.0	57.0	57.0	57.0	57.1	57.2	57.2
≥ 16000	46.6	55.6	56.4	56.8	56.9	56.9	57.0	57.1	57.1	57.2	57.2	57.2	57.2	57.3	57.4	57.4
≥ 14000	47.1	56.2	57.0	57.3	57.5	57.5	57.6	57.6	57.6	57.7	57.8	57.8	57.8	57.9	57.9	58.0
≥ 12000	48.5	57.9	58.7	59.0	59.2	59.2	59.3	59.3	59.3	59.4	59.5	59.5	59.5	59.6	59.6	59.7
≥ 10000	50.5	60.4	61.2	61.6	61.8	61.8	61.9	61.9	61.9	62.0	62.0	62.0	62.1	62.2	62.2	62.3
≥ 9000	50.8	60.7	61.5	61.9	62.1	62.1	62.2	62.2	62.2	62.4	62.4	62.4	62.4	62.5	62.6	62.6
≥ 8000	52.1	62.6	63.5	63.9	64.1	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.5	64.5	64.6	64.7
≥ 7000	52.8	63.4	64.4	64.9	65.1	65.1	65.3	65.3	65.3	65.4	65.4	65.4	65.5	65.5	65.6	65.7
≥ 6000	54.3	65.4	66.4	67.0	67.2	67.3	67.4	67.4	67.4	67.6	67.6	67.6	67.6	67.7	67.8	67.8
≥ 5000	55.3	66.9	67.9	68.5	68.8	68.8	69.0	69.0	69.0	69.1	69.2	69.2	69.2	69.3	69.3	69.4
≥ 4500	56.0	67.6	68.8	69.4	69.7	69.7	69.9	69.9	69.9	70.0	70.1	70.1	70.1	70.2	70.2	70.3
≥ 4000	56.9	69.0	70.2	70.8	71.2	71.2	71.4	71.5	71.5	71.6	71.6	71.6	71.7	71.7	71.8	71.8
≥ 3500	57.4	69.7	71.0	71.7	72.1	72.2	72.3	72.4	72.4	72.5	72.5	72.5	72.6	72.6	72.7	72.7
≥ 3000	58.1	71.0	72.4	73.2	73.8	73.8	74.0	74.1	74.1	74.2	74.2	74.2	74.3	74.4	74.4	74.5
≥ 2500	58.6	71.9	73.6	74.5	75.1	75.2	75.4	75.4	75.4	75.6	75.6	75.6	75.7	75.7	75.8	75.9
≥ 2000	59.3	73.3	75.2	76.2	76.9	77.0	77.2	77.3	77.3	77.4	77.5	77.5	77.5	77.6	77.7	77.7
≥ 1800	59.6	73.8	75.7	76.7	77.4	77.5	77.7	77.8	77.8	77.9	78.0	78.0	78.0	78.1	78.2	78.2
≥ 1500	60.0	74.6	76.7	77.9	78.6	78.7	78.9	79.0	79.0	79.2	79.2	79.2	79.2	79.3	79.4	79.4
≥ 1200	60.6	75.9	78.2	79.6	80.5	80.7	80.9	81.0	81.0	81.2	81.2	81.2	81.3	81.3	81.4	81.5
≥ 1000	61.0	77.3	79.9	81.4	82.4	82.7	83.0	83.1	83.1	83.3	83.3	83.3	83.4	83.5	83.6	83.6
≥ 900	61.3	78.0	80.8	82.4	83.5	83.8	84.1	84.2	84.2	84.4	84.5	84.5	84.5	84.6	84.7	84.7
≥ 800	61.5	78.6	81.7	83.5	84.7	85.0	85.5	85.6	85.6	85.8	85.9	85.9	85.9	86.0	86.1	86.1
≥ 700	61.6	79.0	82.7	84.9	86.5	87.0	87.6	87.8	87.8	88.0	88.1	88.1	88.2	88.3	88.3	88.4
≥ 600	61.7	79.3	83.2	85.7	87.8	88.4	89.1	89.3	89.4	89.6	89.7	89.7	89.7	89.8	89.9	90.0
≥ 500	61.8	79.6	83.7	86.7	89.4	90.2	91.3	91.6	91.7	91.9	92.0	92.0	92.1	92.1	92.2	92.3
≥ 400	61.8	79.7	83.9	87.1	90.4	91.4	92.9	93.5	93.7	94.0	94.1	94.1	94.2	94.3	94.4	94.4
≥ 300	61.8	79.7	83.9	87.3	91.0	92.3	94.1	95.0	95.2	95.7	96.0	96.0	96.2	96.3	96.5	96.5
≥ 200	61.8	79.7	83.9	87.3	91.1	92.5	94.5	95.5	95.8	96.6	97.1	97.1	97.6	97.8	98.2	98.4
> 100	61.8	79.7	83.9	87.3	91.1	92.5	94.6	95.7	96.1	96.9	97.5	97.5	98.0	98.3	98.9	99.6
≥ 0	61.8	79.7	83.9	87.3	91.1	92.5	94.6	95.7	96.1	96.9	97.5	97.5	98.0	98.3	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7433

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

13849 (STATION) , SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.7	65.0	67.4	68.0	68.0	68.0	68.1	68.2	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4
≥ 20000	54.8	67.4	69.7	70.3	70.3	70.3	70.4	70.6	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8
≥ 18000	54.8	67.4	69.7	70.3	70.3	70.3	70.4	70.6	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8
≥ 16000	54.8	67.4	69.7	70.3	70.3	70.3	70.4	70.6	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8
≥ 14000	54.8	67.6	70.0	70.6	70.6	70.6	70.7	70.8	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0
≥ 12000	56.4	69.3	71.6	72.2	72.2	72.2	72.3	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7
≥ 10000	58.0	72.0	74.7	75.3	75.3	75.3	75.4	75.5	75.5	75.5	75.8	75.8	75.8	75.8	75.8	75.8
≥ 9000	58.0	72.3	75.1	75.7	75.7	75.7	75.8	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1
≥ 8000	59.9	74.5	77.2	77.8	77.9	77.9	78.0	78.1	78.1	78.1	78.4	78.4	78.4	78.4	78.4	78.4
≥ 7000	61.1	76.0	78.7	79.3	79.4	79.4	79.6	79.7	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9
≥ 6000	62.2	77.2	80.1	80.7	81.1	81.1	81.3	81.4	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7
≥ 5000	63.2	78.3	81.3	81.9	82.4	82.5	82.7	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4500	63.7	79.2	82.3	83.0	83.6	83.7	83.9	84.0	84.0	84.0	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4000	64.2	79.9	83.0	83.7	84.4	84.5	84.8	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3500	64.5	81.0	84.2	85.0	85.7	85.8	86.1	86.2	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3000	64.7	81.9	85.1	85.9	86.6	86.8	87.0	87.1	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2500	65.4	82.6	85.8	86.6	87.6	87.7	87.9	88.1	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2000	65.4	83.0	86.5	87.5	88.4	88.5	88.8	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1800	65.8	83.5	87.1	88.1	89.1	89.2	89.5	89.6	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1500	65.8	83.9	87.8	88.9	90.0	90.2	90.5	90.7	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1200	66.0	84.4	88.3	89.5	90.7	90.9	91.3	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1000	66.0	84.6	88.9	90.1	91.3	91.5	92.0	92.1	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3
≥ 900	66.1	85.1	89.8	91.0	92.4	92.7	93.1	93.3	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5
≥ 800	66.1	85.7	90.5	92.0	93.5	93.9	94.3	94.4	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7
≥ 700	66.2	86.2	91.4	92.8	94.7	95.3	96.0	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3
≥ 600	66.2	86.2	91.5	92.9	94.8	95.4	96.1	96.2	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5
≥ 500	66.2	86.5	92.0	93.4	95.5	96.3	97.0	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	66.2	86.5	92.0	93.6	96.5	97.6	98.5	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	66.2	86.5	92.0	93.6	96.5	97.6	98.5	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.9	98.9
≥ 200	66.2	86.5	92.0	93.6	96.7	97.9	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5
≥ 100	66.2	86.5	92.0	93.6	96.7	97.9	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.6	99.9	100.0
≥ 0	66.2	86.5	92.0	93.6	96.7	97.9	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.6	99.9	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	53.2	62.2	63.4	63.9	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 20000	54.6	64.7	65.8	66.4	67.1	67.1	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 18000	54.6	64.7	65.8	66.4	67.1	67.1	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 16000	54.6	64.7	65.8	66.4	67.1	67.1	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 14000	54.6	64.7	65.8	66.4	67.1	67.1	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 12000	56.0	66.1	67.3	67.8	68.6	68.6	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 10000	58.3	69.3	70.8	71.4	72.1	72.1	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 9000	58.4	69.6	71.2	71.7	72.5	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 8000	60.2	71.6	73.3	73.9	74.6	74.6	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 7000	61.2	73.0	74.8	75.5	76.2	76.2	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 6000	62.4	74.3	76.2	77.0	77.7	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 5000	63.9	76.1	78.3	79.0	79.8	79.9	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 4500	64.1	76.4	78.5	79.2	80.0	80.1	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 4000	64.8	77.3	79.4	80.1	81.1	81.2	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3500	65.2	77.8	80.4	81.1	82.2	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3000	66.1	79.6	82.3	83.0	84.3	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 2500	66.8	80.6	83.5	84.2	85.6	85.7	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2000	67.0	81.6	84.5	85.5	86.9	87.1	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1800	67.3	81.9	84.9	85.9	87.4	87.6	87.8	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1500	67.5	82.3	85.3	86.5	87.9	88.2	88.4	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1200	67.6	82.7	86.3	87.8	89.2	89.5	89.7	89.7	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1000	67.6	83.1	86.6	88.2	89.8	90.3	90.7	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 900	67.7	83.5	87.2	89.0	90.7	91.3	91.6	91.6	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 800	68.0	84.8	88.5	90.3	92.1	92.7	93.0	93.1	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 700	68.0	84.8	88.8	90.9	92.9	93.5	93.9	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 600	68.1	84.9	88.9	91.0	93.7	94.3	94.7	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500	68.2	85.3	89.4	91.7	94.7	95.3	95.6	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 400	68.2	85.3	89.4	91.7	95.0	95.6	96.1	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 300	68.2	85.5	89.5	91.8	95.7	96.6	97.0	97.5	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 200	68.2	85.5	89.5	91.8	95.7	96.7	97.5	98.2	98.7	98.9	98.9	98.9	99.1	99.1	99.3	99.3
≥ 100	68.2	85.5	89.5	91.8	95.7	96.7	97.5	98.2	98.7	98.9	98.9	98.9	99.1	99.1	99.4	99.5
≥ 0	68.2	85.5	89.5	91.8	95.7	96.7	97.5	98.2	98.7	98.9	98.9	98.9	99.1	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.9	56.3	59.1	59.9	61.2	61.6	62.1	62.2	62.3	62.3	62.3	62.3	62.5	62.5	62.5	62.5
≥ 20000	44.1	58.4	61.5	62.3	63.6	63.9	64.4	64.5	64.7	64.7	64.7	64.7	64.9	64.9	64.9	64.9
≥ 18000	44.1	58.4	61.5	62.3	63.6	63.9	64.4	64.5	64.7	64.7	64.7	64.7	64.9	64.9	64.9	64.9
≥ 16000	44.1	58.4	61.5	62.3	63.6	63.9	64.4	64.5	64.7	64.7	64.7	64.7	64.9	64.9	64.9	64.9
≥ 14000	44.3	58.6	61.7	62.5	63.8	64.2	64.7	64.8	64.9	64.9	64.9	64.9	65.1	65.1	65.1	65.1
≥ 12000	45.3	60.0	63.1	63.9	65.2	65.6	66.1	66.2	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5
≥ 10000	47.2	63.0	66.4	67.3	68.6	68.9	69.4	69.5	69.6	69.6	69.6	69.6	69.9	69.9	69.9	69.9
≥ 9000	47.3	63.1	66.5	67.4	68.7	69.0	69.5	69.6	69.7	69.7	69.7	69.7	70.0	70.0	70.0	70.0
≥ 8000	49.1	65.8	69.3	70.1	71.4	71.9	72.3	72.5	72.6	72.6	72.6	72.6	72.8	72.8	72.8	72.8
≥ 7000	50.4	67.4	70.8	71.7	73.0	73.6	74.1	74.2	74.3	74.3	74.3	74.3	74.6	74.6	74.6	74.6
≥ 6000	51.7	68.8	72.2	73.2	74.5	75.1	75.5	75.7	75.8	75.8	75.8	75.8	76.0	76.0	76.0	76.0
≥ 5000	52.8	70.3	73.8	74.8	76.1	76.7	77.2	77.3	77.4	77.4	77.4	77.4	77.7	77.7	77.7	77.7
≥ 4500	53.4	70.9	74.3	75.5	76.8	77.4	77.9	78.0	78.3	78.3	78.3	78.3	78.5	78.5	78.5	78.5
≥ 4000	53.9	71.9	75.3	76.6	77.9	78.5	79.0	79.2	79.6	79.6	79.6	79.6	79.8	79.8	79.8	79.8
≥ 3500	54.7	72.9	76.5	77.9	79.2	79.8	80.4	80.6	81.0	81.0	81.0	81.0	81.2	81.2	81.2	81.2
≥ 3000	55.1	74.1	78.0	79.6	80.9	81.4	82.0	82.3	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9
≥ 2500	55.7	75.1	79.1	80.6	82.0	82.6	83.3	83.6	83.9	83.9	83.9	83.9	84.2	84.2	84.2	84.2
≥ 2000	55.9	75.3	79.3	81.0	82.5	83.1	84.8	84.2	84.5	84.5	84.5	84.5	84.8	84.8	84.8	84.8
≥ 1800	56.0	75.7	79.7	81.4	83.0	83.6	84.3	84.6	85.0	85.0	85.0	85.0	85.2	85.2	85.2	85.2
≥ 1500	56.5	76.2	80.4	82.4	84.0	84.6	85.3	85.7	86.1	86.1	86.1	86.1	86.3	86.3	86.3	86.3
≥ 1200	56.6	76.7	81.3	83.5	85.2	85.8	86.6	87.1	87.5	87.5	87.6	87.6	87.8	87.8	87.8	87.8
≥ 1000	57.2	77.7	82.6	84.9	86.6	87.2	88.1	88.7	89.0	89.0	89.1	89.1	89.4	89.4	89.4	89.4
≥ 900	57.3	77.9	83.0	85.3	87.2	87.8	88.8	89.4	89.7	89.7	89.8	89.8	90.1	90.1	90.1	90.1
≥ 800	57.6	78.1	83.2	85.9	87.9	88.5	89.5	90.2	90.5	90.5	90.7	90.7	90.9	90.9	90.9	90.9
≥ 700	57.9	78.5	83.8	87.0	89.1	90.0	91.0	91.8	92.2	92.2	92.3	92.3	92.6	92.6	92.6	92.6
≥ 600	57.9	78.6	84.0	87.5	89.8	90.7	91.8	92.7	93.0	93.0	93.3	93.3	93.5	93.5	93.5	93.5
≥ 500	57.9	78.6	84.2	87.7	90.4	91.5	92.7	93.6	94.1	94.1	94.3	94.3	94.6	94.6	94.6	94.6
≥ 400	57.9	78.7	84.3	88.2	90.9	92.1	93.4	94.3	94.9	94.9	95.2	95.2	95.4	95.4	95.4	95.4
≥ 300	57.9	78.8	84.5	88.4	91.4	92.6	94.0	95.3	95.9	95.9	96.5	96.5	96.7	96.7	96.7	96.7
≥ 200	57.9	79.1	84.8	88.8	91.8	93.0	94.7	96.1	97.3	97.4	98.2	98.3	98.6	98.6	98.6	98.6
≥ 100	57.9	79.1	84.8	88.8	91.8	93.0	94.7	96.2	97.4	97.5	98.3	98.5	98.8	98.8	99.2	99.4
≥ 0	57.9	79.1	84.8	88.8	91.8	93.0	94.7	96.2	97.4	97.5	98.3	98.5	98.8	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1 ½	≥1 ¼	≥1	≥ ¾	≥ ½	≥	≥5/16	≥ ¼	≥0
NO CEILING	41.8	57.6	59.3	60.0	60.3	60.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 20000	43.1	60.8	62.8	63.5	63.7	63.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 18000	43.3	60.9	62.9	63.6	63.8	63.8	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 16000	43.3	60.9	62.9	63.6	63.8	63.8	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 14000	43.4	61.1	63.1	63.8	64.1	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 12000	44.3	62.8	65.1	66.1	66.3	66.3	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 10000	48.7	68.2	70.7	71.6	71.9	72.1	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 9000	49.1	68.7	71.2	72.1	72.3	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 8000	50.5	70.4	73.2	74.2	74.5	74.7	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 7000	51.1	71.5	74.2	75.3	75.5	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 6000	52.4	73.3	76.1	77.4	77.8	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 5000	53.1	74.6	77.4	78.8	79.4	79.8	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 4500	53.4	74.9	77.9	79.3	80.0	80.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4000	53.8	75.5	78.7	80.1	80.9	81.2	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3500	54.1	76.0	79.4	81.1	81.9	82.3	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 3000	54.4	76.4	79.9	81.7	82.5	82.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2500	54.7	76.7	80.4	82.3	83.2	83.6	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2000	55.1	77.4	81.1	83.0	84.0	84.4	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1800	55.1	77.4	81.1	83.1	84.2	84.5	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1500	55.1	77.8	81.7	83.8	84.9	85.3	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1200	55.6	79.0	83.0	85.5	86.6	87.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1000	56.5	79.9	84.0	86.9	88.4	89.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 900	56.5	79.9	84.2	87.1	88.9	89.5	90.4	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 800	56.9	80.9	85.2	88.4	90.4	91.0	92.1	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 700	57.0	81.8	86.4	89.8	92.0	92.8	94.2	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 600	57.1	82.0	86.8	90.3	92.6	93.5	94.9	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500	57.1	82.2	87.1	91.1	93.4	94.7	96.2	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 400	57.1	82.2	87.1	91.1	93.6	94.9	96.7	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	57.1	82.3	87.2	91.5	94.0	95.4	97.3	98.6	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	57.1	82.3	87.2	91.5	94.0	95.4	97.4	98.9	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.9
≥ 100	57.1	82.3	87.2	91.5	94.0	95.4	97.4	98.9	98.9	99.4	99.6	99.6	99.6	99.6	99.6	100.0
≥ 0	57.1	82.3	87.2	91.5	94.0	95.4	97.4	98.9	98.9	99.4	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	49.4	59.7	59.7	59.8	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 20000	51.8	63.9	63.9	64.1	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 18000	52.2	64.5	64.5	64.7	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 16000	52.4	64.9	64.9	65.0	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 14000	53.3	66.0	66.0	66.1	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 12000	55.3	68.4	68.4	68.6	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 10000	57.0	71.2	71.2	71.3	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 9000	57.1	71.3	71.3	71.4	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 8000	58.5	73.8	73.9	74.0	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 7000	59.2	75.3	75.4	75.5	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 6000	59.7	76.2	76.6	76.8	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 5000	61.0	78.6	79.0	79.4	79.7	79.7	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4500	61.7	79.7	80.1	80.6	80.9	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4000	61.9	80.3	80.9	81.3	81.6	81.7	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3500	62.8	81.4	82.0	82.6	82.9	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3000	63.5	83.2	83.8	84.4	84.6	84.8	85.0	85.0	85.0	85.1	85.2	85.2	85.3	85.3	85.3	85.3
≥ 2500	64.2	84.4	85.2	85.8	86.1	86.2	86.5	86.6	86.6	86.9	87.0	87.0	87.1	87.1	87.1	87.1
≥ 2000	64.8	85.1	86.2	86.8	87.0	87.1	87.6	87.7	87.7	87.9	88.1	88.1	88.2	88.2	88.2	88.2
≥ 1800	64.9	85.3	86.4	87.0	87.2	87.4	87.8	87.9	87.9	88.2	88.3	88.3	88.4	88.4	88.4	88.4
≥ 1500	65.4	86.1	87.2	87.9	88.2	88.3	88.8	88.9	88.9	89.1	89.2	89.2	89.4	89.4	89.4	89.4
≥ 1200	65.8	87.2	88.4	89.6	90.0	90.2	90.7	90.8	90.8	91.0	91.1	91.1	91.3	91.3	91.3	91.3
≥ 1000	66.0	87.7	89.0	90.2	91.3	91.5	92.1	92.2	92.2	92.4	92.6	92.6	92.7	92.7	92.7	92.7
≥ 900	66.0	88.4	89.7	90.9	92.1	92.3	92.9	93.0	93.0	93.3	93.4	93.4	93.5	93.5	93.5	93.5
≥ 800	66.0	88.5	90.1	91.3	92.7	92.9	93.7	93.9	93.9	94.1	94.2	94.2	94.3	94.3	94.3	94.3
≥ 700	66.5	89.2	90.8	92.1	93.7	94.0	94.9	95.2	95.3	95.5	95.9	95.9	96.0	96.0	96.0	96.0
≥ 600	66.8	89.7	91.4	92.7	94.3	94.6	95.5	96.0	96.1	96.3	96.7	96.7	96.8	96.8	96.8	96.8
≥ 500	66.8	90.1	91.7	93.3	95.3	95.6	96.9	97.5	97.8	98.0	98.3	98.3	98.5	98.5	98.5	98.5
≥ 400	66.8	90.1	91.8	93.4	95.5	95.9	97.3	98.2	98.7	98.9	99.3	99.3	99.4	99.4	99.4	99.4
≥ 300	66.8	90.1	91.8	93.4	95.5	95.9	97.4	98.5	99.1	99.3	99.6	99.6	99.8	99.8	99.8	99.8
≥ 200	66.8	90.1	91.8	93.4	95.5	95.9	97.4	98.7	99.3	99.5	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	66.8	90.1	91.8	93.4	95.5	95.9	97.4	98.7	99.3	99.5	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	66.8	90.1	91.8	93.4	95.5	95.9	97.4	98.7	99.3	99.5	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS L ST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.8	58.2	58.5	58.9	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 20000	52.6	61.9	62.3	62.6	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 18000	52.7	62.2	62.5	62.9	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 16000	52.8	62.3	62.6	63.0	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 14000	53.8	63.6	63.9	64.4	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 12000	55.9	66.5	66.9	67.5	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 10000	58.7	71.5	72.0	72.6	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 9000	58.9	72.1	72.6	73.2	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 8000	59.9	74.1	74.6	75.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 7000	60.4	75.4	76.0	76.6	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 6000	61.3	76.8	77.4	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 5000	62.4	79.1	79.7	80.5	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4500	63.7	80.4	81.1	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 4000	64.5	81.6	82.4	83.5	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3500	65.0	82.7	83.7	84.8	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3000	65.7	83.6	84.6	85.9	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2500	66.4	84.9	86.1	87.5	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2000	67.1	86.2	87.6	89.0	90.3	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1800	67.5	86.5	88.1	89.5	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500	68.2	87.5	89.1	90.9	92.2	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1200	68.6	88.1	90.1	92.0	93.4	93.6	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000	68.7	88.4	90.4	92.3	93.9	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 900	68.7	88.4	90.4	92.3	93.9	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 800	68.7	88.4	90.5	92.4	94.2	94.4	94.9	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700	68.8	88.8	91.1	93.1	95.0	95.4	96.0	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 600	69.1	89.5	91.8	93.9	95.7	96.1	96.7	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	69.1	89.5	92.0	94.1	96.2	96.7	97.6	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	69.1	89.5	92.0	94.1	96.3	96.9	97.9	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	69.1	89.5	92.0	94.1	96.3	96.9	98.0	98.7	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	69.1	89.5	92.0	94.1	96.3	96.	98.1	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	69.1	89.5	92.0	94.1	96.3	96.9	98.1	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	69.1	89.5	92.0	94.1	96.3	96.9	98.1	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS IN LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥0
NO CEILING	53.5	63.5	64.4	64.7	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 20000	55.7	67.8	68.8	69.0	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 18000	55.7	67.8	68.8	69.0	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 16000	55.7	67.8	68.8	69.0	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 14000	56.4	69.0	70.0	70.2	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 12000	57.0	69.9	71.0	71.4	71.7	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 10000	60.3	73.9	75.1	75.5	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 9000	60.8	74.5	75.9	76.4	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 8000	61.9	76.6	78.0	78.5	78.8	78.8	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 7000	62.5	77.4	78.8	79.3	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 6000	63.6	79.2	80.6	81.1	81.4	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 5000	64.9	81.0	82.4	83.0	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 4500	65.4	81.8	83.2	83.9	84.5	84.5	84.5	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4000	66.4	83.7	85.5	86.4	87.0	87.0	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3500	67.1	84.5	86.3	87.2	87.8	87.8	87.8	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3000	67.4	85.0	87.1	88.1	88.7	88.7	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2500	68.1	86.1	88.4	89.5	90.1	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2000	68.9	87.1	89.6	90.7	91.3	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800	68.9	87.1	89.6	90.7	91.3	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1500	69.0	87.2	90.1	91.1	91.7	92.0	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200	69.3	87.9	90.9	92.3	93.0	93.6	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000	69.4	88.3	91.3	92.7	93.7	94.3	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	69.4	88.3	91.5	92.9	94.0	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 800	69.4	88.3	91.6	93.0	94.1	94.7	94.9	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700	69.4	88.3	91.7	93.1	94.4	95.0	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 600	69.5	88.4	92.0	93.5	95.0	95.9	96.5	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	69.7	88.8	92.7	94.2	95.7	96.8	97.6	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	69.7	88.8	92.8	94.3	96.3	97.4	98.3	98.5	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	69.7	88.8	92.8	94.4	96.5	97.5	98.8	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	69.7	88.8	92.8	94.4	96.5	97.5	98.9	99.2	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	69.7	88.8	92.8	94.4	96.5	97.5	98.9	99.2	99.4	99.5	99.9	99.9	99.9	99.9	99.9	100.0
= 0	69.7	88.8	92.8	94.4	96.5	97.5	98.9	99.2	99.4	99.5	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1 4	≥1	≥ 4	≥ 2	≥ -	≥5 16	≥ 4	≥0
NO CEILING	56.4	66.0	67.4	67.8	68.2	68.2	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 20000	58.0	69.9	71.3	71.7	72.1	72.1	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 18000	58.0	69.9	71.3	71.7	72.1	72.1	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 16000	58.0	69.9	71.3	71.7	72.1	72.1	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 14000	58.0	69.9	71.3	71.7	72.1	72.1	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 12000	59.3	71.3	72.9	73.4	73.8	73.8	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 10000	61.2	74.1	75.9	76.4	76.7	76.7	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 9000	61.7	74.9	76.7	77.2	77.5	77.5	77.5	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 8000	63.2	76.7	78.5	79.0	79.3	79.3	79.3	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 7000	63.7	77.3	79.1	79.6	79.9	79.9	79.9	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 6000	65.5	79.4	81.3	81.8	82.2	82.2	82.2	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 5000	67.0	81.3	83.2	83.7	84.0	84.0	84.0	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4500	67.7	82.4	84.8	85.3	85.7	85.7	85.7	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4000	68.2	83.5	85.9	86.5	86.9	86.9	86.9	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3500	68.8	84.5	87.4	88.1	88.4	88.4	88.4	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3000	69.0	85.3	88.3	89.0	89.4	89.4	89.4	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2500	69.1	85.6	88.7	89.4	89.7	89.7	89.7	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2000	70.0	86.6	89.7	90.4	90.8	90.8	90.8	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800	70.2	86.9	90.2	90.9	91.3	91.3	91.4	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1500	70.4	87.4	90.7	91.4	91.7	91.7	91.8	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200	70.6	87.7	91.5	92.2	92.6	92.7	92.8	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1000	70.6	87.8	91.6	92.3	92.7	92.8	92.9	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 900	70.6	87.8	91.7	92.4	93.1	93.3	93.4	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 800	70.7	88.2	92.2	93.0	94.1	94.2	94.3	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 700	70.7	88.4	92.4	93.4	94.4	94.6	94.8	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	70.7	88.5	92.7	93.7	95.4	95.5	96.0	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 500	70.7	88.9	93.1	94.3	96.3	96.5	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	70.7	89.0	93.3	94.6	97.0	97.2	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	70.7	89.0	93.3	94.9	97.4	97.8	98.5	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	70.7	89.0	93.3	94.9	97.4	97.8	98.6	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	70.7	89.0	93.3	94.9	97.4	97.8	98.6	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.9	100.0
≥ 0	70.7	89.0	93.3	94.9	97.4	97.8	98.6	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS G.M.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥	≥	≥	≥5 16	≥	≥0
NO CEILING	50.2	61.0	62.4	62.9	63.4	63.4	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 20000	51.8	64.3	65.8	66.3	66.7	66.8	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 18000	51.9	64.5	65.9	66.4	66.9	66.9	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 16000	52.0	64.5	65.9	66.4	66.9	67.0	67.1	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
≥ 14000	52.3	65.1	66.5	67.0	67.5	67.5	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 12000	53.7	66.8	68.3	68.9	69.4	69.4	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 10000	56.2	70.4	72.1	72.7	73.2	73.2	73.4	73.4	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.6
≥ 9000	56.4	70.8	72.5	73.1	73.6	73.7	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 8000	57.9	72.9	74.7	75.3	75.8	75.9	76.1	76.1	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3
≥ 7000	58.7	74.2	76.0	76.6	77.1	77.2	77.4	77.4	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6
≥ 6000	59.8	75.7	77.6	78.3	78.8	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3
≥ 5000	61.1	77.4	79.4	80.1	80.7	80.9	81.1	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4500	61.6	78.2	80.3	81.1	81.8	81.9	82.1	82.2	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4
≥ 4000	62.2	79.2	81.4	82.3	83.0	83.1	83.3	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6
≥ 3500	62.8	80.1	82.5	83.5	84.2	84.4	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3000	63.2	81.1	83.6	84.7	85.5	85.6	85.8	85.9	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2
≥ 2500	63.8	82.0	84.6	85.7	86.6	86.8	87.1	87.2	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5
≥ 2000	64.3	82.8	85.6	86.7	87.6	87.8	88.2	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1800	64.5	83.0	85.9	87.1	88.0	88.2	88.5	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1500	64.7	83.5	86.5	87.9	88.8	89.1	89.5	89.6	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9
≥ 1200	65.0	84.2	87.5	89.0	90.1	90.4	90.8	91.0	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3
≥ 1000	65.2	84.7	88.1	89.7	91.0	91.3	91.8	92.0	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3
≥ 900	65.3	84.9	88.4	90.1	91.5	91.9	92.4	92.6	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9
≥ 800	65.4	85.4	89.0	90.8	92.4	92.8	93.4	93.6	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9
≥ 700	65.6	85.7	89.6	91.5	93.3	93.8	94.5	94.8	94.9	95.0	95.1	95.1	95.2	95.2	95.2	95.2
≥ 600	65.7	86.0	89.9	91.9	93.9	94.5	95.3	95.6	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	65.7	86.2	90.3	92.5	94.7	95.4	96.3	96.8	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2
≥ 400	65.7	86.3	90.3	92.6	95.2	96.0	97.0	97.5	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	65.7	86.3	90.4	92.8	95.4	96.3	97.4	98.2	98.5	98.6	98.8	98.8	98.9	98.9	98.9	98.9
≥ 200	65.7	86.3	90.4	92.8	95.5	96.4	97.7	98.6	99.0	99.2	99.4	99.5	99.5	99.5	99.6	99.6
≥ [illegible]	65.7	86.3	90.4	92.8	95.5	96.4	97.7	98.6	99.0	99.2	99.5	99.5	99.6	99.6	99.7	99.9
≥ 0	65.7	86.3	90.4	92.8	95.5	96.4	97.7	98.6	99.0	99.2	99.5	99.5	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6768

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	54.3	66.3	67.5	67.5	67.7	67.7	67.7	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 20000	56.0	69.0	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 18000	56.0	69.0	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6
< 20000	56.0	69.0	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 14000	56.1	69.2	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9
< 18000	57.1	70.4	71.6	71.6	71.8	71.8	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 10000	60.3	74.5	75.7	75.7	75.9	75.9	75.9	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 9000	60.8	75.1	76.2	76.2	76.5	76.5	76.5	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 8000	62.9	78.0	79.1	79.1	79.4	79.4	79.4	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 7000	63.8	79.4	80.5	80.5	80.8	80.8	80.8	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 6000	64.7	80.4	81.7	81.7	81.9	81.9	81.9	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 5000	65.9	82.3	83.5	83.8	84.4	84.4	84.5	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4500	65.9	82.5	83.9	84.2	84.8	84.8	84.9	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4000	66.7	83.8	85.5	85.8	86.5	86.5	86.6	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3500	67.0	84.5	86.2	86.6	87.4	87.4	87.5	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3000	67.5	85.2	87.0	87.3	88.3	88.3	88.4	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500	67.5	85.2	87.1	87.4	88.4	88.4	88.5	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2000	67.6	85.6	87.6	88.0	88.9	88.9	89.0	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1800	67.6	85.6	87.6	88.0	88.9	88.9	89.0	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1500	67.7	85.7	87.8	88.2	89.1	89.1	89.2	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1200	68.0	86.2	88.5	88.8	89.8	89.8	89.9	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1000	68.9	87.3	89.9	90.2	91.2	91.2	91.3	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 900	69.4	87.7	90.3	90.6	91.6	91.6	91.7	91.8	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 800	69.6	88.0	90.6	91.0	92.0	92.0	92.2	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 700	69.8	88.2	91.1	91.5	92.6	92.6	92.7	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 600	69.8	88.4	91.3	91.7	92.9	92.9	93.0	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 500	69.8	88.5	91.4	92.0	93.8	94.0	94.2	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 400	69.8	88.8	91.8	92.7	94.7	95.2	95.6	96.3	96.3	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 300	70.0	89.1	92.2	93.1	95.3	95.9	96.3	97.1	97.3	97.8	98.3	98.3	98.3	98.3	98.3	98.3
≥ 200	70.0	89.1	92.2	93.2	95.6	96.2	96.7	98.0	98.2	98.8	99.2	99.2	99.2	99.2	99.2	99.4
≥ 100	70.0	89.1	92.2	93.2	95.6	96.2	96.7	98.1	98.3	99.0	99.5	99.5	99.5	99.7	99.7	99.9
≥ 0	70.0	89.1	92.2	93.2	95.6	96.2	96.7	98.1	98.3	99.0	99.5	99.5	99.5	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) MAR (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	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	47.7	58.5	60.8	61.1	61.5	61.9	62.0	62.0	62.2	62.3	62.4	62.4	62.5	62.5	62.6	62.8
≥ 20000	49.5	61.1	63.4	63.9	64.3	64.7	64.8	64.8	64.9	65.1	65.2	65.2	65.3	65.3	65.4	65.6
≥ 18000	49.5	61.1	63.4	63.9	64.3	64.7	64.8	64.8	64.9	65.1	65.2	65.2	65.3	65.3	65.4	65.6
≥ 16000	49.5	61.1	63.4	63.9	64.3	64.7	64.8	64.8	64.9	65.1	65.2	65.2	65.3	65.3	65.4	65.6
≥ 14000	49.6	61.2	63.5	64.0	64.4	64.8	64.9	64.9	65.1	65.2	65.3	65.3	65.4	65.4	65.5	65.7
≥ 12000	51.0	62.6	65.1	65.5	65.9	66.3	66.5	66.5	66.6	66.7	66.8	66.8	66.9	66.9	67.0	67.2
≥ 10000	54.2	66.7	69.2	69.7	70.1	70.5	70.6	70.6	70.8	70.9	71.0	71.0	71.1	71.1	71.2	71.4
≥ 9000	55.1	67.6	70.2	70.6	71.1	71.5	71.6	71.6	71.7	71.8	71.9	71.9	72.0	72.0	72.2	72.4
≥ 8000	57.2	70.6	73.2	73.7	74.1	74.5	74.6	74.6	74.7	74.8	74.9	74.9	75.1	75.1	75.2	75.4
≥ 7000	58.3	72.2	74.7	75.2	75.6	76.0	76.1	76.1	76.2	76.3	76.5	76.5	76.6	76.6	76.7	76.9
≥ 6000	58.8	73.2	75.9	76.3	76.8	77.2	77.3	77.3	77.4	77.5	77.6	77.6	77.7	77.7	77.8	78.1
≥ 5000	60.8	75.6	78.6	79.2	79.7	80.2	80.3	80.3	80.4	80.5	80.6	80.6	80.8	80.8	80.9	81.1
≥ 4500	60.8	75.9	78.9	79.7	80.2	80.8	80.9	80.9	81.0	81.1	81.2	81.2	81.3	81.3	81.4	81.6
≥ 4000	61.6	76.9	80.2	81.0	81.5	82.0	82.2	82.2	82.3	82.4	82.5	82.5	82.6	82.6	82.7	82.9
≥ 3500	61.8	77.4	80.9	81.6	82.2	82.7	82.8	82.8	82.9	83.0	83.1	83.1	83.2	83.2	83.3	83.5
≥ 3000	62.0	78.3	81.9	82.7	83.2	83.8	83.9	83.9	84.0	84.1	84.2	84.2	84.3	84.3	84.4	84.6
≥ 2500	62.4	78.8	82.5	83.3	83.9	84.4	84.5	84.5	84.6	84.7	84.8	84.8	84.9	84.9	85.1	85.3
≥ 2000	63.0	79.6	83.3	84.2	84.8	85.4	85.5	85.5	85.6	85.7	85.8	85.8	85.9	85.9	86.0	86.2
≥ 1800	63.3	80.0	83.8	84.6	85.3	85.8	85.9	85.9	86.0	86.1	86.2	86.2	86.3	86.3	86.5	86.7
≥ 1500	63.9	80.6	84.4	85.3	85.9	86.5	86.6	86.6	86.7	86.8	86.9	86.9	87.0	87.0	87.1	87.3
≥ 1200	64.3	81.3	85.1	85.9	86.6	87.1	87.2	87.2	87.3	87.4	87.5	87.5	87.6	87.6	87.7	88.0
≥ 1000	64.6	81.9	86.2	87.4	88.2	88.7	88.8	88.8	88.9	89.0	89.1	89.1	89.2	89.2	89.4	89.6
≥ 900	64.7	82.0	86.3	87.5	88.5	89.0	89.1	89.1	89.2	89.4	89.5	89.5	89.6	89.6	89.7	89.9
≥ 800	64.9	82.4	86.8	88.1	89.0	89.6	89.7	89.7	89.8	89.9	90.0	90.0	90.1	90.1	90.2	90.4
≥ 700	65.1	83.2	87.6	88.9	90.0	90.5	90.6	90.6	90.8	90.9	91.0	91.0	91.1	91.1	91.2	91.4
≥ 600	65.2	83.8	88.2	89.5	90.5	91.1	91.2	91.2	91.3	91.5	91.7	91.7	91.8	91.8	91.9	92.2
≥ 500	65.2	83.9	88.4	89.8	91.0	91.5	91.7	91.7	91.8	92.0	92.4	92.4	92.5	92.5	92.6	92.8
≥ 400	65.4	84.2	88.9	90.9	92.3	92.9	93.3	93.7	93.8	94.0	94.3	94.3	94.4	94.4	94.5	94.7
≥ 300	65.4	84.2	88.9	90.9	92.5	93.5	94.3	95.5	95.6	96.1	96.5	96.5	96.7	96.7	96.8	97.0
≥ 200	65.4	84.3	89.0	91.1	92.8	94.1	94.9	96.8	97.0	97.5	97.8	97.8	98.4	98.4	98.5	98.7
≥ 100	65.4	84.3	89.0	91.1	92.8	94.1	94.9	96.9	97.1	97.6	98.0	98.0	98.6	98.6	98.7	99.5
0	65.4	84.3	89.0	91.1	92.8	94.1	94.9	96.9	97.1	97.6	98.0	98.0	98.6	98.6	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STA NO) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) MAR (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	≥¼	≥0
NO CEILING	36.1	51.4	54.9	55.8	57.5	58.2	58.4	58.8	59.1	59.4	59.7	59.8	59.8	59.8	59.9
≤ 20000	37.5	53.3	57.6	58.8	60.6	61.5	61.7	62.2	62.5	62.7	63.0	63.1	63.1	63.1	63.2
≥ 18000	37.5	53.4	57.7	58.9	60.8	61.6	61.8	62.3	62.6	62.8	63.1	63.2	63.2	63.2	63.3
≥ 16000	37.7	53.7	58.0	59.1	61.0	61.8	62.0	62.5	62.8	63.0	63.3	63.4	63.4	63.4	63.5
≥ 14000	37.7	53.7	58.0	59.1	61.0	61.8	62.0	62.5	62.8	63.1	63.4	63.5	63.5	63.5	63.7
≥ 12000	39.0	55.7	60.2	61.4	63.3	64.3	64.5	64.9	65.3	65.6	65.9	66.0	66.0	66.0	66.1
≥ 10000	41.4	58.7	63.4	64.6	66.9	67.8	68.1	68.5	68.8	69.1	69.5	69.6	69.6	69.6	69.8
≥ 9000	41.8	59.2	64.0	65.2	67.4	68.4	68.6	69.0	69.4	69.7	70.0	70.1	70.1	70.1	70.3
≥ 8000	43.3	61.5	66.7	68.0	70.2	71.2	71.4	71.8	72.2	72.6	72.9	73.0	73.0	73.0	73.2
≥ 7000	44.1	62.6	68.0	69.4	71.6	72.6	72.8	73.2	73.5	74.0	74.3	74.4	74.4	74.4	74.6
≥ 6000	44.6	63.8	69.1	70.5	72.9	73.9	74.1	74.5	74.8	75.3	75.6	75.7	75.7	75.7	75.9
≥ 5000	46.5	66.5	72.0	73.4	75.8	76.8	77.0	77.5	77.8	78.4	78.7	78.8	78.8	78.8	79.0
≥ 4500	46.7	67.1	73.0	74.4	76.9	77.8	78.1	78.6	78.9	79.5	79.8	79.9	79.9	79.9	80.1
≥ 4000	47.0	67.8	73.9	75.6	78.1	79.0	79.2	79.8	80.1	80.6	81.0	81.1	81.1	81.1	81.3
≥ 3500	47.2	68.2	74.3	76.0	78.6	79.6	79.8	80.3	80.6	81.2	81.5	81.6	81.6	81.6	81.8
≥ 3000	47.4	68.7	75.1	77.0	79.7	80.6	80.9	81.4	81.7	82.3	82.6	82.7	82.7	82.7	82.9
≥ 2500	47.7	69.5	75.9	77.8	80.6	81.6	81.8	82.4	82.7	83.2	83.5	83.7	83.7	83.7	83.9
≥ 2000	48.0	70.1	76.7	78.6	81.5	82.5	82.7	83.2	83.5	84.1	84.4	84.5	84.5	84.5	84.7
≥ 1800	48.0	70.1	76.7	78.6	81.5	82.5	82.8	83.3	83.7	84.3	84.6	84.7	84.7	84.7	84.9
≥ 1500	48.2	70.4	77.3	79.4	82.3	83.2	83.5	84.1	84.4	85.1	85.4	85.5	85.5	85.5	85.7
≥ 1200	48.3	70.6	77.7	79.8	82.7	83.7	84.0	84.5	84.8	85.5	85.8	85.9	85.9	85.9	86.1
≥ 1000	48.7	71.8	79.0	81.3	84.3	85.3	85.7	86.2	86.6	87.2	87.5	87.6	87.6	87.6	87.8
≥ 900	48.7	71.9	79.2	81.6	84.8	85.8	86.2	86.8	87.1	87.7	88.1	88.2	88.2	88.2	88.4
≥ 800	48.8	72.3	79.7	82.0	85.5	86.5	87.0	87.5	87.8	88.5	88.8	88.9	88.9	88.9	89.1
≥ 700	48.8	72.4	80.0	82.7	86.2	87.2	87.7	88.3	88.6	89.2	89.6	89.7	89.7	89.7	89.9
≥ 600	48.9	72.7	80.5	83.5	87.3	88.3	88.8	89.4	89.7	90.3	90.6	90.8	90.8	90.8	91.0
≥ 500	48.9	72.7	80.5	83.7	87.4	88.7	89.4	90.0	90.5	91.2	91.5	91.8	91.8	91.8	92.0
≥ 400	49.1	73.0	81.0	84.4	88.6	90.1	90.9	91.6	92.2	92.8	93.1	93.4	93.4	93.4	93.7
≥ 300	49.1	73.0	81.0	84.5	88.8	90.8	91.9	93.2	93.9	94.8	95.4	95.7	95.8	95.8	96.0
≥ 200	49.1	73.0	81.0	84.6	88.9	90.9	92.4	93.9	94.6	95.8	96.5	96.8	97.1	97.3	97.5	98.1
≥ 100	49.1	73.0	81.0	84.6	88.9	90.9	92.4	94.1	94.8	96.1	96.8	97.1	97.5	97.7	98.1	99.5
≥ 0	49.1	73.0	81.0	84.6	88.9	90.9	92.4	94.1	94.8	96.1	96.8	97.1	97.5	97.7	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

L CLIMATOLOGY BRANCH
.TAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥5/8	≥½	≥0
NO CEILING	43.4	58.4	59.5	60.1	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 20000	44.5	61.7	63.0	63.8	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 18000	44.5	61.7	63.0	63.8	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 16000	44.5	61.7	63.0	63.8	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 14000	44.7	62.0	63.4	64.2	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 12000	45.7	63.4	64.8	65.6	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 10000	47.7	67.6	69.4	70.2	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 9000	48.4	68.5	70.4	71.3	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 8000	49.4	70.2	72.4	73.2	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 7000	49.8	70.8	73.0	73.9	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 6000	50.2	72.3	74.6	75.7	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 5000	50.8	74.4	76.8	77.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4500	51.2	74.9	77.4	78.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4000	51.6	75.1	78.6	79.9	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3500	51.7	76.6	79.1	80.4	81.6	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3000	51.7	76.6	79.2	80.5	81.9	81.9	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2500	52.5	77.7	80.5	81.8	83.4	83.4	83.5	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2000	53.2	79.5	82.4	83.7	85.4	85.4	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	53.3	80.2	83.1	84.5	86.2	86.2	86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1500	53.7	81.1	84.2	85.6	87.4	87.4	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1200	54.0	81.8	85.3	86.7	88.5	88.5	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1000	54.2	82.5	86.1	87.5	89.4	89.4	89.6	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 900	54.4	82.9	86.6	88.0	89.8	89.8	90.1	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 800	54.5	83.3	87.2	88.8	91.2	91.3	91.8	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 700	54.5	83.3	87.5	89.1	91.8	91.9	92.6	92.9	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2
≥ 600	54.5	83.4	87.6	89.5	92.4	92.5	93.2	93.7	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 500	54.5	83.7	87.8	90.1	93.3	93.4	94.2	94.7	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 400	54.5	83.7	88.0	90.6	94.0	94.5	95.7	96.5	96.7	96.9	97.1	97.1	97.2	97.2	97.2	97.2
≥ 300	54.5	83.7	88.0	90.6	94.0	94.7	96.1	97.1	97.4	97.8	98.6	98.6	98.7	98.9	99.0	99.0
≥ 200	54.5	83.7	88.0	90.6	94.0	94.7	96.1	97.2	97.5	98.0	98.7	98.7	98.9	99.2	99.4	99.6
≥ 100	54.5	83.7	88.0	90.6	94.0	94.8	96.3	97.4	97.7	98.2	98.9	98.9	99.1	99.5	99.7	100.0
≥ 1	54.5	83.7	88.0	90.6	94.0	94.8	96.3	97.4	97.7	98.2	98.9	98.9	99.1	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 10-64 0-14-5 (OL A) PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/ MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) NAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥	≥5/16	≥	≥0
NO CEILING	52.6	60.6	60.9	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 20000	55.4	66.0	66.5	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000	55.4	66.1	66.6	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 16000	55.6	66.3	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 14000	55.8	66.8	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 12000	57.3	68.6	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 10000	59.0	71.4	71.8	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 9000	60.0	72.8	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 8000	61.1	74.9	75.3	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 7000	61.7	76.0	76.5	76.8	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 6000	62.5	77.2	77.6	78.0	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 5000	63.3	78.8	79.4	79.7	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4500	63.8	79.2	79.8	80.1	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 4000	65.4	81.1	81.9	82.5	82.5	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 3500	66.1	82.4	83.2	83.9	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3000	67.0	84.3	85.3	85.9	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2500	67.7	86.0	87.0	88.0	88.1	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2000	68.1	87.6	88.8	89.8	89.9	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1800	68.3	88.4	89.7	90.8	90.9	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1500	68.4	88.7	90.3	91.5	91.7	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3
≥ 1200	68.7	89.4	91.1	92.6	92.9	93.0	93.4	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7
≥ 1000	68.7	89.8	91.5	93.4	93.8	93.9	94.4	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6
≥ 900	68.8	90.1	91.8	94.3	94.6	94.7	95.3	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6
≥ 800	68.8	90.4	92.2	94.6	94.9	95.1	95.7	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 700	68.8	90.4	92.4	95.2	95.6	95.7	96.6	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 600	68.8	90.4	92.4	95.5	96.0	96.2	97.1	97.6	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0
≥ 500	68.9	90.5	92.5	95.9	96.7	96.9	97.8	98.5	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 400	68.9	90.5	92.5	95.9	97.0	97.2	98.3	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 300	69.0	90.6	92.6	96.0	97.1	97.3	98.6	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	69.0	90.6	92.6	96.0	97.1	97.3	98.6	99.4	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0
≥ 100	69.0	90.6	92.6	96.0	97.1	97.3	98.6	99.4	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0
≥ 0	69.0	90.6	92.6	96.0	97.1	97.3	98.6	99.4	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	53.7	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 20000	57.1	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 18000	57.1	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 16000	57.1	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 14000	58.3	66.9	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 12000	59.1	68.1	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 10000	63.5	73.3	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 9000	64.2	74.1	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 8000	65.4	77.6	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 7000	66.1	78.7	78.9	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 6000	66.5	79.4	79.7	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 5000	67.7	81.0	82.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4500	68.2	82.5	83.3	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4000	70.2	85.2	86.6	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3500	70.9	85.8	87.3	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3000	71.7	87.4	89.1	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500	72.0	88.8	90.6	91.7	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000	72.7	89.9	91.8	92.9	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1800	72.7	90.1	92.0	93.1	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	73.0	90.5	92.5	93.5	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	73.1	90.8	92.7	94.0	94.5	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000	73.1	91.0	93.0	94.4	95.1	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	73.1	91.3	93.3	94.8	95.5	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800	73.1	91.3	93.3	94.8	95.5	95.7	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	73.1	91.3	93.4	94.9	95.9	96.3	97.1	97.5	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 600	73.1	91.4	93.5	95.2	96.1	96.6	97.6	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 500	73.1	91.5	93.8	95.4	96.5	96.9	98.2	98.9	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2
≥ 400	73.1	91.5	93.8	95.4	96.5	97.0	98.3	99.0	99.1	99.1	99.1	99.1	99.4	99.4	99.4	99.4
≥ 300	73.1	91.5	93.8	95.4	96.6	97.2	98.5	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 200	73.1	91.5	93.8	95.4	96.6	97.2	98.5	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
> 100	73.1	91.5	93.8	95.4	96.6	97.2	98.5	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	73.1	91.5	93.8	95.4	96.6	97.2	98.5	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) MAR (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	60.3	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 20000	63.3	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 18000	63.3	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
> 16000	63.3	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 14000	64.0	71.6	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 12000	64.7	72.4	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 10000	66.9	75.4	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
> 9000	67.0	75.7	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 8000	68.7	78.4	79.0	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
> 7000	69.6	79.4	80.1	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 6000	70.2	80.4	81.3	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 5000	71.5	82.8	84.1	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4500	72.0	83.8	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
> 4000	73.5	86.2	88.0	88.2	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3500	73.8	86.9	88.6	89.0	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3000	74.6	88.1	89.9	90.4	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2500	74.7	88.6	90.4	91.0	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2000	74.8	88.8	90.8	91.4	91.9	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1800	74.9	89.0	91.1	91.8	92.4	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500	75.1	89.2	91.3	92.0	92.6	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1200	75.2	89.7	91.7	92.7	93.2	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000	75.2	90.0	92.3	93.2	93.8	94.2	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	75.3	90.3	92.6	93.5	94.1	94.5	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 800	75.3	90.3	92.6	93.7	94.2	94.6	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	75.3	90.5	92.9	94.0	94.6	95.1	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
> 600	75.4	90.6	93.2	94.3	95.1	95.5	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 500	75.4	90.8	93.3	94.4	95.3	95.8	96.9	97.7	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 400	75.4	90.8	93.4	94.5	95.4	96.0	97.2	98.3	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 300	75.4	90.8	93.4	94.6	95.5	96.6	97.8	99.1	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 200	75.4	90.8	93.4	94.6	95.5	96.6	97.8	99.1	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 100	75.4	90.8	93.4	94.6	95.5	96.6	97.8	99.1	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0
≥ 0	75.4	90.8	93.4	94.6	95.5	96.6	97.8	99.1	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	61.4	69.9	70.0	70.0	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 20000	62.7	72.9	73.0	73.0	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 18000	62.7	72.9	73.0	73.0	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 16000	62.7	72.9	73.0	73.0	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 14000	63.2	73.4	73.5	73.5	73.7	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 12000	63.8	74.2	74.3	74.3	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 10000	67.4	78.5	78.6	78.6	78.7	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 9000	67.6	78.7	78.8	78.8	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 8000	69.2	81.7	81.9	81.9	82.0	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 7000	70.5	83.4	83.7	83.7	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 6000	70.9	84.1	84.3	84.3	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
5000	71.4	85.4	85.6	85.6	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
> 4500	72.2	86.1	86.5	86.5	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4000	72.9	87.1	87.8	87.8	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3500	73.1	87.5	88.4	88.4	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3000	73.7	88.1	88.9	89.0	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2500	73.8	88.2	89.1	89.4	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000	73.9	88.3	89.2	89.5	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1800	73.9	88.5	89.5	89.7	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1500	74.2	88.8	89.8	90.0	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1200	74.7	89.4	90.3	90.5	91.0	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1000	74.8	90.2	91.2	91.4	91.9	92.0	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
> 900	75.2	90.9	91.9	92.4	92.9	93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	75.4	91.2	92.3	92.7	93.2	93.3	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 700	75.4	91.4	92.6	93.0	93.7	93.8	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 600	75.4	91.4	92.8	93.4	94.7	94.8	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 500	75.5	91.8	93.2	94.2	95.5	95.6	96.0	96.2	96.2	96.3	96.3	96.3	96.5	96.5	96.5	96.5
≥ 400	75.5	91.8	93.7	94.8	96.2	96.5	97.1	97.4	97.4	98.0	98.0	98.0	98.1	98.1	98.1	98.1
> 300	75.6	92.2	94.0	95.2	96.7	97.2	98.0	98.3	98.3	98.8	98.9	98.9	99.0	99.0	99.0	99.0
≥ 200	75.6	92.3	94.1	95.4	97.0	97.5	98.5	99.0	99.0	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 100	75.6	92.3	94.1	95.4	97.0	97.5	98.5	99.0	99.0	99.6	99.7	99.7	99.9	99.9	99.9	100.0
≥ 0	75.6	92.3	94.1	95.4	97.0	97.5	98.5	99.0	99.0	99.6	99.7	99.7	99.9	99.9	99.9	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) MAR (MONTH)

ALL (HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	51.2	61.6	62.6	62.9	63.2	63.4	63.5	63.5	[illegible]	63.6	63.7	63.7	63.7	63.7	63.7	63.8
≥ 20000	53.3	65.1	66.3	66.6	67.0	67.2	67.3	67.3	[illegible]	67.5	67.5	67.5	67.5	67.5	67.6	67.6
≥ 18000	53.3	65.1	66.3	66.7	67.1	67.2	67.3	67.4	67.4	67.5	67.5	67.6	67.6	67.6	67.6	67.6
≥ 16000	53.3	65.2	66.4	66.7	67.1	67.3	67.4	67.4	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.7
≥ 14000	53.7	65.6	66.9	67.2	67.6	67.8	67.9	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.2	68.2
≥ 12000	54.7	66.9	68.2	68.6	69.0	69.2	69.3	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.6	69.6
≥ 10000	57.6	70.8	72.2	72.5	73.0	73.2	73.3	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.6	73.6
≥ 9000	58.1	71.5	72.9	73.3	73.7	73.9	74.0	74.1	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.4
≥ 8000	59.7	74.1	75.7	76.1	76.6	76.7	76.8	76.9	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.2
≥ 7000	60.5	75.3	76.9	77.4	77.9	78.1	78.1	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.5	78.5
≥ 6000	61.0	76.3	78.0	78.5	79.0	79.2	79.3	79.4	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.7
≥ 5000	62.2	78.4	80.3	80.9	81.5	81.7	81.8	81.9	82.0	82.1	82.1	82.1	82.2	82.2	82.2	82.2
≥ 4500	62.6	79.0	81.0	81.6	82.2	82.4	82.6	82.6	82.7	82.8	82.9	82.9	82.9	82.9	82.9	83.0
≥ 4000	63.6	80.5	82.8	83.5	84.2	84.5	84.6	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	85.0
≥ 3500	64.0	81.2	83.5	84.2	85.0	85.3	85.4	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.8	85.8
≥ 3000	64.5	82.1	84.6	85.3	86.2	86.5	86.6	86.7	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0
≥ 2500	64.8	83.0	85.4	86.3	87.2	87.5	87.6	87.7	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.1
≥ 2000	65.2	83.7	86.3	87.2	88.2	88.5	88.6	88.7	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.1
≥ 1800	65.3	84.0	86.7	87.6	88.6	88.9	89.0	89.1	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.5
≥ 1500	65.5	84.4	87.2	88.2	89.2	89.5	89.6	89.7	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.1
≥ 1200	65.8	84.9	87.8	88.9	89.9	90.2	90.4	90.6	90.7	90.8	90.8	90.8	90.9	90.9	90.9	90.9
≥ 1000	66.0	85.6	88.7	89.9	90.9	91.2	91.6	91.7	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.1
≥ 900	66.2	85.9	89.0	90.3	91.5	91.8	92.1	92.3	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.7
≥ 800	66.3	86.1	89.3	90.7	91.9	92.3	92.7	92.9	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.3
≥ 700	66.3	86.3	89.7	91.2	92.6	92.9	93.4	93.7	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.1
≥ 600	66.4	86.5	89.9	91.6	93.1	93.5	94.1	94.4	94.5	94.7	94.8	94.8	94.8	94.8	94.9	94.9
≥ 500	66.4	86.7	90.1	91.9	93.7	94.1	94.8	95.3	95.4	95.6	95.7	95.8	95.9	95.9	95.9	95.9
≥ 400	66.5	86.8	90.4	92.4	94.3	94.9	95.8	96.5	96.6	96.9	97.0	97.1	97.2	97.2	97.2	97.2
≥ 300	66.5	86.9	90.5	92.5	94.5	95.4	96.5	97.4	97.6	98.1	98.3	98.4	98.5	98.5	98.5	98.6
≥ 200	66.5	86.9	90.5	92.6	94.7	95.6	96.7	97.9	98.2	98.6	98.9	98.9	99.1	99.2	99.3	99.4
≥ 100	66.5	86.9	90.5	92.6	94.7	95.6	96.7	97.9	98.2	98.7	99.0	99.1	99.3	99.4	99.5	99.9
	66.5	86.9	90.5	92.6	94.7	95.6	96.7	97.9	98.2	98.7	99.0	99.1	99.3	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	61.6	70.0	71.1	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9
≥ 20000	63.7	72.8	73.9	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7
≥ 18000	63.7	72.8	73.9	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7
≥ 16000	63.7	72.8	73.9	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7
≥ 14000	64.6	73.7	74.8	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.6
≥ 12000	65.6	74.8	75.9	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7
≥ 10000	66.4	76.9	78.0	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1
≥ 9000	67.3	78.0	79.1	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2
≥ 8000	68.6	79.9	81.0	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1
≥ 7000	69.7	81.3	82.4	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.6
≥ 6000	70.8	82.7	83.8	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9
≥ 5000	72.3	84.9	86.2	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3
≥ 4500	72.7	85.2	86.6	87.2	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8
≥ 4000	73.3	86.2	87.6	88.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8
≥ 3500	74.0	87.0	88.4	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7
≥ 3000	74.2	87.3	88.8	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0
≥ 2500	74.8	88.0	89.7	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9
≥ 2000	75.6	89.1	90.9	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1
≥ 1800	75.6	89.2	91.0	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2
≥ 1500	75.6	89.2	91.2	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.6
≥ 1200	75.9	90.0	92.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4
≥ 1000	75.9	90.3	92.3	93.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9
≥ 900	75.9	90.4	92.4	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1
≥ 800	76.1	90.8	92.8	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.6
≥ 700	76.4	91.2	93.3	94.6	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.6
≥ 600	76.7	91.8	94.0	95.2	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2
≥ 500	76.7	92.0	94.6	96.2	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.6
≥ 400	76.7	92.2	95.1	96.8	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.4
≥ 300	76.7	92.3	95.4	97.1	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.1
≥ 200	76.7	92.3	95.4	97.1	98.8	99.0	99.2	99.3	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.8
≥ 100	76.7	92.3	95.4	97.2	98.9	99.1	99.3	99.4	99.4	99.4	99.7	99.7	99.7	99.8	99.8	100.0
≥ 0	76.7	92.3	95.4	97.2	98.9	99.1	99.3	99.4	99.4	99.4	99.7	99.7	99.7	99.8	99.8	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS L ST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	54.7	65.7	67.4	67.8	68.3	68.3	68.4	68.6	68.7	68.7	68.9	68.9	69.0	69.0	69.0	69.0
≥ 20000	56.2	68.3	70.1	70.6	71.2	71.2	71.3	71.4	71.6	71.6	71.8	71.8	71.9	71.9	71.9	71.9
≥ 18000	56.3	68.4	70.2	70.7	71.3	71.3	71.4	71.6	71.7	71.7	71.9	71.9	72.0	72.0	72.0	72.0
≥ 16000	56.6	68.7	70.4	70.9	71.6	71.6	71.7	71.8	71.9	71.9	72.1	72.1	72.2	72.2	72.2	72.2
≥ 14000	56.8	68.9	70.7	71.1	71.8	71.8	71.9	72.0	72.1	72.1	72.3	72.3	72.4	72.4	72.4	72.4
≥ 12000	57.8	69.9	71.7	72.1	72.8	72.8	72.9	73.0	73.1	73.1	73.3	73.3	73.4	73.4	73.4	73.4
≥ 10000	59.6	72.2	74.4	74.9	75.6	75.6	75.7	75.8	75.9	75.9	76.1	76.1	76.2	76.2	76.2	76.2
≥ 9000	60.4	73.2	75.4	75.9	76.6	76.6	76.7	76.8	76.9	76.9	77.1	77.1	77.2	77.2	77.2	77.2
≥ 8000	61.8	74.9	77.1	77.6	78.2	78.2	78.3	78.4	78.6	78.6	78.8	78.8	78.9	78.9	78.9	78.9
≥ 7000	63.0	76.2	78.4	78.9	79.6	79.6	79.7	79.8	79.9	79.9	80.1	80.1	80.2	80.2	80.2	80.2
≥ 6000	63.3	76.8	79.0	79.4	80.1	80.1	80.2	80.3	80.4	80.4	80.7	80.7	80.8	80.8	80.8	80.8
≥ 5000	63.9	77.6	79.9	80.3	81.0	81.0	81.1	81.2	81.3	81.3	81.6	81.6	81.7	81.7	81.7	81.7
≥ 4500	64.7	78.4	80.9	81.3	82.0	82.0	82.1	82.2	82.3	82.3	82.6	82.6	82.7	82.7	82.7	82.7
≥ 4000	65.6	79.8	82.2	82.7	83.3	83.3	83.4	83.6	83.7	83.7	83.9	83.9	84.0	84.0	84.0	84.0
≥ 3500	66.7	81.1	83.7	84.2	84.9	84.9	85.0	85.1	85.2	85.2	85.4	85.4	85.6	85.6	85.6	85.6
≥ 3000	67.0	81.4	84.0	84.6	85.3	85.3	85.4	85.6	85.7	85.7	85.9	85.9	86.0	86.0	86.0	86.0
≥ 2500	67.3	82.0	84.9	85.4	86.3	86.3	86.4	86.6	86.7	86.7	86.9	86.9	87.0	87.0	87.0	87.0
≥ 2000	67.7	82.7	85.7	86.2	87.1	87.2	87.3	87.4	87.6	87.6	87.8	87.8	87.9	87.9	87.9	87.9
≥ 1800	67.7	82.7	85.7	86.2	87.1	87.2	87.3	87.4	87.6	87.6	87.8	87.8	87.9	87.9	87.9	87.9
1500	68.0	83.3	86.7	87.2	88.1	88.2	88.3	88.4	88.6	88.6	88.8	88.8	88.9	88.9	88.9	88.9
≥ 1200	68.3	83.7	87.0	87.6	88.4	88.6	88.7	88.8	88.9	88.9	89.1	89.1	89.2	89.2	89.2	89.2
≥ 1000	68.8	84.6	88.0	88.7	89.6	89.7	89.8	89.9	90.0	90.0	90.2	90.2	90.3	90.3	90.3	90.3
900	68.8	84.7	88.1	88.8	89.7	89.8	89.9	90.0	90.1	90.1	90.3	90.3	90.4	90.4	90.4	90.4
≥ 800	69.1	85.2	88.8	89.4	90.3	90.4	90.6	90.7	90.8	90.8	91.0	91.0	91.1	91.1	91.1	91.1
≥ 700	69.6	85.8	89.6	90.6	91.4	91.6	91.7	91.8	91.9	91.9	92.1	92.1	92.2	92.2	92.3	92.3
≥ 600	69.8	86.0	90.0	91.2	92.1	92.2	92.6	92.7	92.8	92.8	93.0	93.0	93.1	93.1	93.2	93.2
≥ 500	69.8	85.9	91.8	93.2	94.2	94.4	94.8	94.9	95.0	95.0	95.2	95.2	95.3	95.3	95.4	95.4
≥ 400	69.8	87.0	92.6	94.2	95.3	95.7	96.2	96.3	96.4	96.4	96.7	96.7	96.8	96.8	96.9	97.0
≥ 300	69.8	87.0	92.6	94.6	95.7	96.0	96.6	96.7	96.9	96.9	97.2	97.2	97.6	97.7	97.8	97.9
≥ 200	69.8	87.0	92.6	94.6	95.7	96.0	96.6	96.7	96.9	96.9	97.4	97.4	97.8	98.0	98.1	98.3
≥ 100	69.8	87.0	92.6	94.6	95.7	96.0	96.6	96.7	96.9	96.9	97.6	97.6	98.0	98.4	98.8	99.6
≥ 0	69.8	87.0	92.6	94.6	95.7	96.0	96.6	96.7	96.9	96.9	97.6	97.6	98.0	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥	≥	≥	≥	≥5/16	≥	≥0
NO CEILING	33.1	50.9	55.2	58.8	60.2	60.8	60.8	60.9	61.0	61.1	61.2	61.2	61.7	62.0	62.1	62.3
≥ 20000	34.7	55.1	59.6	63.1	64.7	65.2	65.3	65.4	65.7	65.9	66.0	66.0	66.4	66.8	66.9	67.2
≥ 18000	34.7	55.1	59.6	63.1	64.7	65.2	65.3	65.4	65.7	65.9	66.0	66.0	66.4	66.8	66.9	67.2
≥ 16000	34.7	55.1	59.6	63.1	64.7	65.2	65.3	65.4	65.7	65.9	66.0	66.0	66.4	66.8	66.9	67.2
≥ 14000	34.8	55.2	60.0	63.7	65.2	65.8	65.9	66.0	66.2	66.4	66.6	66.6	67.0	67.3	67.4	67.8
≥ 12000	35.6	56.3	61.2	64.9	66.4	67.0	67.1	67.2	67.4	67.7	67.8	67.8	68.2	68.6	68.7	69.0
≥ 10000	37.8	60.1	65.2	68.9	70.6	71.1	71.2	71.4	71.7	71.9	72.0	72.0	72.4	72.8	72.9	73.2
≥ 9000	37.9	60.4	65.7	69.4	71.1	71.7	71.8	72.0	72.2	72.4	72.6	72.6	73.0	73.3	73.4	73.8
≥ 8000	39.1	62.6	68.0	72.2	73.9	74.4	74.6	74.8	75.0	75.2	75.3	75.3	75.8	76.1	76.2	76.6
≥ 7000	39.8	63.8	69.7	74.0	75.7	76.2	76.3	76.6	76.8	77.0	77.1	77.1	77.6	77.9	78.0	78.3
≥ 6000	40.4	65.0	70.9	75.2	76.9	77.4	77.6	77.8	78.0	78.2	78.3	78.3	78.8	79.1	79.2	79.6
≥ 5000	41.2	66.6	72.4	76.9	78.6	79.1	79.2	79.4	79.7	79.9	80.0	80.0	80.4	80.9	81.0	81.3
≥ 4500	41.3	66.8	72.9	77.7	79.3	79.9	80.0	80.2	80.4	80.7	80.8	80.8	81.2	81.7	81.8	82.1
≥ 4000	41.8	67.8	73.7	78.9	80.6	81.1	81.2	81.4	81.7	81.9	82.0	82.0	82.4	82.9	83.0	83.3
≥ 3500	42.2	68.4	74.6	79.6	81.2	81.8	81.9	82.1	82.3	82.6	82.7	82.7	83.1	83.6	83.7	84.0
> 3000	42.6	69.2	75.4	80.4	82.2	82.8	82.9	83.1	83.3	83.6	83.7	83.7	84.1	84.6	84.8	85.1
≥ 2500	42.8	70.1	76.7	82.0	83.9	84.4	84.6	84.8	85.0	85.2	85.3	85.3	85.8	86.2	86.4	86.8
≥ 2000	43.0	70.7	77.2	82.6	84.4	85.0	85.2	85.4	85.7	85.9	86.0	86.0	86.4	86.9	87.1	87.4
≥ 1800	43.2	71.0	77.6	83.1	85.1	85.7	85.9	86.1	86.3	86.6	86.7	86.7	87.1	87.6	87.8	88.1
≥ 1500	43.6	71.7	78.2	83.9	85.9	86.4	86.7	86.9	87.1	87.3	87.4	87.4	87.9	88.3	88.6	88.9
≥ 1200	43.6	72.3	79.1	84.8	86.8	87.4	87.9	88.1	88.3	88.6	88.7	88.7	89.1	89.6	89.8	90.1
≥ 1000	44.0	73.4	80.3	86.0	88.0	88.7	89.1	89.3	89.6	89.8	89.9	89.9	90.3	90.8	91.0	91.3
> 900	44.2	74.0	80.9	86.8	88.9	89.6	90.0	90.2	90.4	90.7	90.8	90.8	91.2	91.7	91.9	92.2
≥ 800	44.3	74.2	81.1	87.4	89.6	90.2	90.7	90.9	91.1	91.3	91.4	91.4	91.9	92.3	92.6	92.9
≥ 700	44.4	74.7	81.7	88.1	90.4	91.1	91.6	91.8	92.0	92.2	92.3	92.3	92.8	93.2	93.4	93.8
> 600	44.4	74.8	81.9	88.6	91.3	92.0	92.4	92.7	92.9	93.1	93.2	93.2	93.7	94.1	94.3	94.7
≥ 500	44.7	75.0	82.2	89.2	92.1	92.9	93.6	93.8	94.1	94.3	94.4	94.4	94.9	95.3	95.6	95.9
≥ 400	44.7	75.0	82.2	89.2	92.2	93.2	93.9	94.2	94.6	95.0	95.1	95.2	95.7	96.1	96.3	96.8
≥ 300	44.7	75.0	82.2	89.2	92.2	93.3	94.1	94.6	94.9	95.4	95.8	96.0	96.6	97.0	97.2	97.7
< 200	44.7	75.0	82.2	89.2	92.2	93.6	94.3	94.9	95.4	96.0	96.4	96.7	97.6	98.2	98.6	99.3
≥ 100	44.7	75.0	82.2	89.2	92.2	93.6	94.3	94.9	95.4	96.2	96.7	96.9	97.9	98.7	99.0	100.0
≥ 0	44.7	75.0	82.2	89.2	92.2	93.6	94.3	94.9	95.4	96.2	96.7	96.9	97.9	98.7	99.0	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) APR (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	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	48.6	63.1	63.7	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
– 20000	51.3	68.0	69.0	69.1	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 18000	51.3	68.0	69.0	69.1	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 6000	51.4	68.1	69.1	69.2	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 14000	51.8	68.8	69.9	70.0	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
> 2000	52.9	70.4	71.7	71.9	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 10000	57.2	75.4	76.8	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 9000	57.2	75.4	76.8	77.1	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 8000	58.6	78.0	79.3	79.7	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 7000	59.0	78.7	80.0	80.3	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
> 6000	59.2	79.0	80.3	80.7	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 5000	60.1	80.2	81.6	82.1	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4500	60.8	81.1	82.4	83.0	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
4000	61.7	82.3	83.7	84.3	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3500	62.2	83.0	84.4	85.1	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3000	62.8	84.4	86.1	86.9	87.3	87.4	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2500	63.6	86.1	88.0	88.8	89.2	89.4	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2000	64.2	87.2	89.3	90.1	90.6	90.9	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800	64.4	87.4	89.7	90.4	90.9	91.2	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	65.0	88.7	91.0	92.0	92.4	92.8	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1200	65.4	90.2	93.1	94.2	94.8	95.1	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000	65.9	91.0	93.9	95.0	95.6	95.9	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 900	65.9	91.1	94.0	95.2	95.8	96.1	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	66.3	91.7	94.6	95.9	96.4	96.8	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	66.4	91.8	94.7	96.0	96.6	96.9	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	66.6	91.9	94.9	96.3	96.9	97.3	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	66.7	92.0	95.0	96.4	97.0	97.4	98.0	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	66.7	92.0	95.1	96.6	97.2	97.7	98.6	99.2	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 300	66.7	92.0	95.1	96.6	97.3	97.8	98.7	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	66.7	92.0	95.1	96.6	97.3	97.8	98.7	99.4	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 100	66.7	92.0	95.1	96.6	97.3	97.8	98.7	99.4	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 0	66.7	92.0	95.1	96.6	97.3	97.8	98.7	99.4	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥	≥5/16	≥	≥0
NO CEILING	53.9	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 20000	58.0	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 18000	58.1	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 16000	58.3	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 14000	59.0	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 12000	60.2	73.6	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 10000	63.0	77.6	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 9000	63.4	78.1	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 8000	64.2	79.4	79.9	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 7000	65.6	81.3	81.8	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 6000	65.8	82.0	82.4	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 5000	66.9	83.7	84.1	84.3	84.6	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4500	68.0	84.9	85.4	85.7	86.0	86.0	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4000	69.4	87.1	87.7	87.9	88.3	88.3	88.4	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3500	71.2	89.4	90.0	90.2	90.7	90.7	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3000	72.2	90.7	91.2	91.4	91.9	92.0	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2500	73.1	92.2	92.9	93.1	93.6	93.8	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	73.9	93.7	94.9	95.1	95.6	95.8	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800	73.9	93.7	94.9	95.1	95.7	95.9	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500	74.2	94.9	96.1	96.3	97.0	97.2	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	74.2	95.1	96.3	96.6	97.2	97.4	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	74.3	95.3	96.6	96.8	97.4	97.7	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	74.3	95.3	96.6	96.8	97.4	97.7	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	74.3	95.4	96.8	97.0	97.8	98.1	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	74.3	95.4	96.8	97.0	97.8	98.1	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	74.6	95.7	97.0	97.2	98.0	98.3	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	74.6	95.7	97.0	97.2	98.1	98.4	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	74.6	95.7	97.0	97.2	98.2	98.7	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	74.6	95.7	97.0	97.2	98.2	98.7	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	74.6	95.7	97.0	97.2	98.2	98.7	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	74.6	95.7	97.0	97.2	98.2	98.7	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	74.6	95.7	97.0	97.2	98.2	98.7	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	55.4	64.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 20000	60.7	73.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 18000	60.8	73.3	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 16000	61.0	73.6	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 14000	61.7	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 12000	63.6	76.7	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 10000	66.4	80.9	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 9000	67.0	81.6	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 8000	67.8	82.9	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 7000	69.1	85.1	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 6000	70.7	86.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 5000	71.8	88.1	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4500	72.2	88.9	90.1	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4000	73.9	91.0	92.3	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3500	75.0	92.1	93.4	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3000	76.0	93.3	94.8	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500	76.4	93.9	95.3	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2000	76.6	94.6	96.1	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	76.8	94.8	96.3	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1500	77.0	95.2	96.8	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	77.1	95.6	97.1	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	77.2	96.1	97.7	98.0	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	77.2	96.1	97.7	98.0	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	77.3	96.2	97.8	98.1	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	77.3	96.4	98.0	98.3	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	77.3	96.4	98.0	98.3	99.1	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	77.3	96.4	98.0	98.3	99.1	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	77.3	96.4	98.0	98.3	99.1	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	77.3	96.4	98.0	98.4	99.2	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	77.3	96.4	98.0	98.4	99.2	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	77.3	96.4	98.0	98.4	99.2	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	77.3	96.4	98.0	98.4	99.2	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70,74-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥	≥5/16	≥	≥0
NO CEILING	57.8	67.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 20000	63.0	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 18000	63.6	75.8	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 16000	63.6	75.9	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 14000	64.1	76.6	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 12000	66.3	79.2	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 10000	68.4	83.0	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 9000	68.7	83.2	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 8000	69.7	84.4	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 7000	71.3	86.4	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 6000	72.4	88.0	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 5000	73.4	89.3	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4500	74.2	90.4	91.3	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4000	75.3	91.7	92.6	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3500	75.8	92.6	93.4	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3000	76.6	93.7	94.7	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	76.6	93.7	94.7	94.9	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	77.0	94.3	95.7	95.9	96.4	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800	77.0	94.3	95.7	96.0	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	77.1	94.6	95.9	96.2	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	77.2	94.9	96.2	96.6	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	77.3	95.0	96.3	96.7	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	77.3	95.0	96.3	96.7	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800	77.4	95.1	96.4	96.8	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	77.4	95.1	96.4	96.8	97.9	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	77.4	95.1	96.4	96.8	97.9	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	77.4	95.2	96.6	96.9	98.2	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	77.4	95.2	96.6	96.9	98.3	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	77.4	95.2	96.6	96.9	98.3	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	77.4	95.2	96.6	96.9	98.3	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	77.4	95.2	96.6	96.9	98.3	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	77.4	95.2	96.6	96.9	98.3	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 906

USAF ETAC 0-1415 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION NO.) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) APR (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	≥5/8	≥½	≥0
NO CEILING	62.1	70.6	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 20000	64.9	75.3	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 18000	65.0	75.4	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 16000	65.0	75.4	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 14000	65.7	76.2	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 12000	68.0	78.9	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 10000	70.3	82.2	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 9000	70.6	82.7	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 8000	71.9	84.2	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 7000	73.8	86.6	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 6000	75.0	88.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 5000	76.4	90.1	91.2	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4500	76.4	90.4	91.6	91.8	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4000	77.4	92.0	93.2	93.4	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3500	78.1	93.0	94.2	94.4	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000	78.1	93.0	94.2	94.4	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500	78.3	93.3	94.6	94.8	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2000	78.4	93.9	95.1	95.3	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800	78.4	93.9	95.1	95.3	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1500	78.4	93.9	95.1	95.3	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1200	78.6	94.3	95.6	95.8	96.1	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000	78.7	94.8	96.3	96.6	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	78.7	94.9	96.6	96.8	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	78.7	94.9	96.6	96.8	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	78.7	95.0	96.7	97.0	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	78.7	95.1	96.8	97.1	97.6	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 500	78.8	95.3	97.0	97.4	98.1	96.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	78.9	95.6	97.2	97.7	98.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2
≥ 300	78.9	95.6	97.2	97.9	98.8	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6
≥ 200	78.9	95.6	97.2	97.9	98.8	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6
≥ 100	79.0	95.7	97.3	98.0	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.9	100.0
≥ 0	79.0	95.7	97.3	98.0	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 530

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) APR (MONTH)

ALL (HOURS H S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.4	64.3	65.6	66.1	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.7	66.7	66.8	66.8
≥ 20000	56.6	69.9	71.2	71.8	72.1	72.2	72.3	72.3	72.3	72.3	72.4	72.4	72.5	72.5	72.5	72.6
≥ 18000	56.7	70.0	71.4	71.9	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.6	72.7	72.7	72.7
≥ 16000	56.8	70.1	71.5	72.0	72.4	72.5	72.5	72.5	72.6	72.6	72.7	72.7	72.7	72.8	72.8	72.8
≥ 14000	57.3	70.7	72.1	72.7	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.5
≥ 12000	58.7	72.5	73.9	74.5	74.9	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.2	75.3	75.3	75.3
≥ 10000	61.2	76.0	77.6	78.2	78.6	78.7	78.7	78.8	78.8	78.8	78.9	78.9	78.9	79.0	79.0	79.1
≥ 9000	61.6	76.6	78.1	78.8	79.2	79.3	79.3	79.3	79.4	79.4	79.5	79.5	79.5	79.6	79.6	79.6
≥ 8000	62.7	78.3	79.9	80.7	81.0	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.5
≥ 7000	63.9	79.9	81.6	82.4	82.8	82.9	82.9	82.9	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.2
≥ 6000	64.7	81.0	82.8	83.5	83.9	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.4
≥ 5000	65.8	82.6	84.4	85.2	85.7	85.7	85.8	85.8	85.9	85.9	86.0	86.0	86.0	86.1	86.1	86.2
≥ 4500	66.3	83.3	85.2	86.1	86.6	86.7	86.7	86.8	86.8	86.8	86.9	86.9	87.0	87.0	87.0	87.1
≥ 4000	67.3	84.7	86.6	87.6	88.1	88.2	88.3	88.3	88.4	88.4	88.5	88.5	88.5	88.6	88.6	88.7
≥ 3500	68.2	85.8	87.8	88.8	89.3	89.4	89.5	89.5	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.8
≥ 3000	68.7	86.6	88.7	89.7	90.3	90.4	90.5	90.5	90.6	90.6	90.7	90.7	90.7	90.8	90.8	90.9
≥ 2500	69.1	87.4	89.6	90.6	91.3	91.4	91.5	91.6	91.7	91.7	91.7	91.7	91.8	91.8	91.9	91.9
≥ 2000	69.5	88.3	90.6	91.7	92.3	92.5	92.7	92.8	92.8	92.8	92.9	92.9	93.0	93.0	93.0	93.1
≥ 1800	69.6	88.4	90.7	91.8	92.5	92.7	92.8	93.0	93.0	93.0	93.1	93.1	93.2	93.2	93.2	93.3
≥ 1500	69.9	88.9	91.4	92.5	93.3	93.5	93.6	93.7	93.8	93.8	93.8	93.8	93.9	94.0	94.0	94.1
≥ 1200	70.0	89.5	92.1	93.2	94.0	94.2	94.4	94.5	94.6	94.6	94.6	94.6	94.7	94.8	94.8	94.8
≥ 1000	70.3	90.1	92.7	93.8	94.7	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.5	95.5
≥ 900	70.3	90.2	92.8	94.0	94.9	95.1	95.3	95.4	95.5	95.5	95.5	95.5	95.6	95.7	95.7	95.8
≥ 800	70.5	90.4	93.1	94.4	95.3	95.5	95.7	95.8	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.2
≥ 700	70.6	90.7	93.4	94.8	95.7	96.0	96.2	96.3	96.4	96.4	96.5	96.5	96.6	96.6	96.7	96.7
≥ 600	70.7	90.8	93.6	95.1	96.1	96.4	96.7	96.8	96.9	97.0	97.0	97.0	97.1	97.1	97.2	97.2
≥ 500	70.7	91.1	94.0	95.6	96.8	97.1	97.5	97.6	97.6	97.8	97.8	97.8	97.9	98.0	98.0	98.1
≥ 400	70.8	91.1	94.2	95.9	97.1	97.5	98.0	98.3	98.4	98.4	98.5	98.5	98.6	98.7	98.7	98.8
≥ 300	70.8	91.2	94.3	96.0	97.3	97.7	98.3	98.5	98.7	98.8	98.9	98.9	99.0	99.1	99.2	99.3
≥ 200	70.8	91.2	94.3	96.0	97.3	97.8	98.3	98.6	98.8	98.9	99.1	99.1	99.3	99.4	99.5	99.6
≥ 100	70.8	91.2	94.3	96.0	97.3	97.8	98.4	98.7	98.8	99.0	99.1	99.2	99.4	99.6	99.7	99.9
≥ 0	70.8	91.2	94.3	96.0	97.3	97.8	98.4	98.7	98.8	99.0	99.1	99.2	99.4	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	<¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	48.7	62.9	65.2	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.5	66.6
≥ 20000	50.3	65.2	67.5	68.6	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	69.0
≥ 18000	50.3	65.2	67.5	68.6	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	69.0
≥ 16000	50.3	65.2	67.5	68.6	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	69.0
≥ 14000	50.4	65.3	67.8	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.4
≥ 12000	51.0	65.9	68.5	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	70.0
≥ 10000	53.8	69.1	72.2	73.2	73.4	73.4	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	74.0
≥ 9000	54.0	69.4	72.5	73.5	73.8	73.8	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.3
≥ 8000	55.1	71.1	74.3	75.4	75.6	75.6	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.1
≥ 7000	56.1	72.9	76.2	77.6	77.8	77.8	77.8	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.4
≥ 6000	57.0	74.3	77.7	79.1	79.4	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.9
≥ 5000	58.1	75.9	79.7	81.1	81.3	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.8
≥ 4500	58.4	76.5	80.3	81.8	82.0	82.0	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.6
≥ 4000	59.6	78.0	81.8	83.3	83.5	83.5	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.1
≥ 3500	59.8	78.3	82.3	83.9	84.1	84.1	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.6
≥ 3000	60.0	79.0	83.4	85.1	85.3	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.8
≥ 2500	60.3	79.4	83.8	85.4	85.6	85.6	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.1
≥ 2000	60.9	80.4	84.8	86.6	86.8	86.8	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.4
≥ 1800	60.9	80.4	85.1	86.8	87.1	87.1	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.7
≥ 1500	61.6	81.8	86.5	88.3	88.6	88.6	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.2
≥ 1200	61.8	82.5	87.3	89.2	89.6	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.2
≥ 1000	62.3	83.5	88.5	90.5	91.2	91.2	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.9
≥ 900	62.3	83.5	88.5	90.5	91.2	91.2	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	92.0
≥ 800	62.5	83.9	89.2	91.5	92.2	92.2	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9	93.0
≥ 700	62.8	84.4	89.9	92.4	93.1	93.3	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.3
≥ 600	63.0	85.1	91.0	93.5	94.3	94.5	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.5
≥ 500	63.1	85.2	91.1	93.8	94.8	95.2	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.3
≥ 400	63.1	85.3	91.4	94.2	95.6	95.9	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.2
≥ 300	63.1	85.4	91.7	94.5	96.1	96.5	97.4	97.7	97.7	97.7	97.7	97.7	97.8	97.8	98.0	98.1
≥ 200	63.1	85.5	91.8	94.7	96.8	97.1	98.6	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.4	99.5
≥ 100	63.1	85.5	91.8	94.7	96.8	97.1	98.6	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.4	99.9
≥ 0	63.1	85.5	91.8	94.7	96.8	97.1	98.6	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.8	51.1	55.7	57.8	59.4	59.5	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.3	60.3	60.5
≥ 20000	37.0	52.6	57.3	59.6	61.3	61.4	61.8	62.0	62.0	62.0	62.0	62.0	62.2	62.3	62.3	62.7
≥ 18000	37.0	52.6	57.3	59.6	61.3	61.4	61.8	62.0	62.0	62.0	62.0	62.0	62.2	62.3	62.3	62.7
≥ 16000	37.0	52.6	57.3	59.6	61.3	61.4	61.8	62.0	62.0	62.0	62.0	62.0	62.2	62.3	62.3	62.7
≥ 14000	37.1	52.8	57.5	59.8	61.5	61.6	62.0	62.3	62.3	62.3	62.3	62.3	62.4	62.5	62.5	62.9
≥ 12000	38.1	54.1	58.8	61.1	62.8	62.9	63.3	63.5	63.5	63.5	63.5	63.5	63.7	63.8	63.8	64.2
≥ 10000	39.7	56.5	61.3	63.8	65.6	65.7	66.1	66.6	66.6	66.6	66.6	66.6	66.7	66.8	66.8	67.2
≥ 9000	39.9	56.8	61.6	64.1	65.9	66.0	66.5	66.9	66.9	66.9	66.9	66.9	67.0	67.1	67.1	67.5
≥ 8000	41.1	58.5	63.4	65.9	67.8	68.0	68.4	68.8	68.8	68.8	68.8	68.8	68.9	69.0	69.0	69.5
≥ 7000	42.3	61.1	66.3	69.0	71.0	71.1	71.5	71.9	71.9	71.9	71.9	71.9	72.0	72.2	72.2	72.6
≥ 6000	42.7	62.3	68.0	71.1	73.0	73.1	73.5	74.0	74.0	74.0	74.0	74.0	74.1	74.2	74.2	74.6
> 5000	43.7	63.4	69.4	73.0	74.9	75.1	75.5	75.9	76.0	76.0	76.0	76.0	76.1	76.2	76.2	76.7
≥ 4500	43.9	63.7	69.9	73.7	75.6	75.7	76.1	76.6	76.7	76.7	76.7	76.7	76.8	76.9	76.9	77.3
≥ 4000	44.7	64.7	71.0	74.7	76.7	76.8	77.2	77.6	77.7	77.7	77.7	77.7	77.8	78.0	78.0	78.4
≥ 3500	44.9	65.1	71.5	75.3	77.2	77.3	77.7	78.2	78.3	78.3	78.3	78.3	78.4	78.5	78.5	78.9
≥ 3000	44.9	65.2	71.6	75.5	77.5	77.6	78.1	78.5	78.6	78.6	78.6	78.6	78.7	78.8	78.8	79.2
≥ 2500	45.3	65.6	72.0	75.9	78.0	78.1	78.5	78.9	79.0	79.0	79.0	79.0	79.1	79.2	79.4	79.8
≥ 2000	46.3	67.2	73.7	77.6	79.8	79.9	80.4	80.9	81.0	81.0	81.0	81.0	81.1	81.2	81.3	81.7
≥ 1800	46.3	67.2	73.7	77.6	79.5	79.9	80.4	80.9	81.0	81.0	81.0	81.0	81.1	81.2	81.3	81.7
≥ 1500	46.8	68.2	74.7	78.8	81.0	81.1	81.6	82.0	82.2	82.2	82.2	82.2	82.3	82.4	82.5	82.9
≥ 1200	47.4	69.4	75.9	80.3	82.6	82.9	83.5	84.0	84.1	84.1	84.1	84.1	84.2	84.3	84.4	84.8
≥ 1000	47.7	69.7	76.6	81.4	84.0	84.1	84.7	85.2	85.3	85.3	85.3	85.3	85.4	85.5	85.6	86.0
≥ 900	48.2	70.2	77.1	82.0	84.8	84.9	85.7	86.1	86.2	86.2	86.2	86.2	86.3	86.5	86.6	87.0
≥ 800	48.2	70.3	77.3	82.3	85.1	85.3	86.0	86.5	86.6	86.6	86.6	86.6	86.7	86.8	86.9	87.3
≥ 700	48.5	70.9	78.1	83.3	86.8	87.0	87.8	88.3	88.4	88.4	88.4	88.4	88.5	88.6	88.7	89.1
≥ 600	48.7	71.4	78.8	84.2	88.1	88.4	89.2	89.9	90.0	90.0	90.0	90.0	90.1	90.2	90.3	90.8
≥ 500	48.8	71.8	79.2	84.7	89.7	90.0	91.2	91.8	91.9	91.9	91.9	91.9	92.0	92.2	92.3	92.7
≥ 400	48.8	71.9	79.9	85.5	91.5	91.8	93.0	93.7	93.8	93.8	93.8	93.8	93.9	94.0	94.1	94.5
≥ 300	48.8	72.0	80.0	85.8	92.2	92.5	93.8	94.8	94.9	95.1	95.2	95.2	95.3	95.4	95.5	95.9
> 200	48.8	72.0	80.0	85.8	92.2	92.6	94.0	95.1	95.2	95.4	95.5	95.5	95.7	95.9	96.1	96.8
≥ 100	48.8	72.0	80.0	85.8	92.2	92.7	94.3	95.4	95.5	95.7	96.0	96.0	96.8	97.1	97.4	99.0
≥ 0	48.8	72.0	80.0	85.8	92.2	92.7	94.3	95.4	95.5	95.7	96.0	96.0	96.8	97.1	97.7	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	21.2	36.7	42.4	47.4	51.1	51.9	52.8	53.7	53.8	54.1	54.3	54.3	54.3	54.3	54.5	54.7
≥ 20000	22.3	38.6	44.7	50.6	54.5	55.4	56.2	57.1	57.2	57.5	57.7	57.7	57.7	57.7	58.0	58.2
≥ 18000	22.3	38.6	44.7	50.6	54.5	55.4	56.2	57.1	57.2	57.5	57.7	57.7	57.7	57.7	58.0	58.2
≥ 16000	22.3	38.6	44.7	50.6	54.5	55.4	56.2	57.1	57.2	57.5	57.7	57.7	57.7	57.7	58.0	58.2
≥ 14000	22.4	38.7	44.8	50.8	54.6	55.5	56.3	57.2	57.3	57.6	57.8	57.8	57.8	57.8	58.1	58.3
≥ 12000	23.2	40.4	47.2	53.3	57.2	58.1	58.9	59.9	60.0	60.3	60.5	60.5	60.5	60.5	60.8	61.0
≥ 10000	24.7	42.9	50.0	56.5	60.3	61.2	62.2	63.1	63.2	63.5	63.8	63.8	63.8	63.8	64.0	64.2
≥ 9000	24.9	43.1	50.2	56.7	60.5	61.4	62.4	63.3	63.4	63.8	64.0	64.0	64.0	64.0	64.2	64.4
≥ 8000	26.6	46.0	53.4	60.0	64.1	64.9	65.9	66.9	67.0	67.3	67.5	67.5	67.5	67.5	67.7	68.0
≥ 7000	27.0	47.6	55.4	62.3	66.5	67.3	68.3	69.2	69.4	69.7	69.9	69.9	69.9	69.9	70.1	70.3
≥ 6000	27.1	48.7	56.8	63.8	68.5	69.4	70.3	71.3	71.4	71.7	71.9	71.9	71.9	71.9	72.2	72.4
≥ 5000	27.3	49.0	57.1	64.2	69.2	70.1	71.2	72.2	72.4	72.7	72.9	72.9	72.9	72.9	73.1	73.3
≥ 4500	27.3	49.5	57.5	64.8	69.9	70.8	71.8	72.8	73.0	73.3	73.5	73.5	73.5	73.5	73.8	74.0
≥ 4000	27.4	49.8	58.5	65.9	71.2	72.0	73.3	74.3	74.5	74.8	75.1	75.1	75.1	75.1	75.3	75.5
≥ 3500	27.8	50.3	59.0	66.5	71.7	72.6	73.9	74.8	75.1	75.4	75.6	75.6	75.6	75.6	75.8	76.0
≥ 3000	27.8	50.5	59.2	66.7	72.0	72.9	74.2	75.2	75.4	75.7	75.9	75.9	75.9	75.9	76.1	76.3
≥ 2500	28.0	50.8	59.6	67.1	72.6	73.4	74.7	75.7	75.9	76.2	76.5	76.5	76.5	76.5	76.7	76.9
≥ 2000	28.0	51.2	60.1	67.7	73.4	74.3	75.6	76.6	76.8	77.1	77.3	77.3	77.3	77.3	77.5	77.7
≥ 1800	28.3	51.6	60.5	68.2	73.9	74.7	76.0	77.0	77.2	77.5	77.7	77.7	77.7	77.7	78.0	78.2
≥ 1500	28.7	52.7	61.8	69.5	75.3	76.2	77.6	78.6	78.8	79.1	79.4	79.4	79.5	79.5	79.7	79.9
≥ 1200	29.1	53.5	62.8	71.2	77.5	78.9	80.4	81.4	81.6	81.9	82.2	82.2	82.3	82.3	82.5	82.7
≥ 1000	29.5	54.4	63.7	72.6	79.4	80.9	82.5	83.7	83.9	84.2	84.4	84.4	84.5	84.5	84.7	84.9
≥ 900	29.5	54.8	64.1	73.0	79.9	81.4	83.1	84.3	84.5	84.8	85.1	85.1	85.2	85.2	85.4	85.6
≥ 800	29.6	55.2	64.6	74.1	81.1	82.6	84.4	85.7	85.9	86.2	86.5	86.5	86.6	86.6	86.8	87.0
≥ 700	29.6	55.2	64.9	74.7	82.7	84.2	86.0	87.4	87.6	88.0	88.2	88.2	88.3	88.3	88.5	88.7
≥ 600	29.8	55.6	65.5	75.5	83.8	85.6	87.4	88.8	89.1	89.5	89.7	89.7	89.8	89.8	90.0	90.4
≥ 500	29.9	55.8	66.0	76.3	85.5	87.5	89.4	90.9	91.2	91.6	91.8	91.8	91.9	92.0	92.3	92.7
≥ 400	29.9	55.8	66.0	76.7	86.6	88.8	91.3	93.0	93.4	93.9	94.1	94.1	94.3	94.4	94.6	95.1
≥ 300	29.9	55.9	66.1	76.9	86.9	89.1	91.8	93.7	94.1	94.7	95.2	95.3	95.8	95.9	96.1	96.7
≥ 200	29.9	55.9	66.1	76.9	87.0	89.2	91.9	94.2	94.6	95.6	96.2	96.5	97.1	97.4	98.0	98.6
≥ 100	29.9	55.9	66.1	76.9	87.0	89.2	91.9	94.2	94.6	95.6	96.2	96.5	97.2	97.5	98.4	99.5
≥ 0	29.9	55.9	66.1	76.9	87.0	89.2	91.9	94.2	94.6	95.6	96.2	96.5	97.2	97.5	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1 ½	≥1 ¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.3	54.5	56.2	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 20000	39.6	59.7	61.5	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 18000	39.8	60.0	61.8	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 16000	39.8	60.0	61.8	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 14000	39.9	60.2	62.0	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 12000	40.6	61.8	63.7	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 10000	42.3	65.5	67.5	68.6	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 9000	42.5	65.8	67.8	68.9	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 8000	43.7	67.7	69.9	71.0	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 7000	44.0	69.0	71.2	72.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 6000	44.7	70.5	73.0	74.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 5000	45.2	71.9	74.7	76.0	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4500	45.4	72.3	75.2	76.5	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 4000	45.8	73.3	76.2	77.5	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 3500	46.2	74.3	77.2	78.6	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 3000	46.8	75.5	78.4	79.8	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 2500	47.3	76.6	79.5	80.9	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 2000	48.5	78.8	81.9	83.4	84.5	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1800	49.0	79.4	82.7	84.2	85.3	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1500	49.7	81.5	85.3	87.1	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1200	50.5	83.3	87.8	89.8	91.2	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1000	51.0	84.3	89.4	91.6	93.1	93.2	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 900	51.1	84.8	89.9	92.5	94.0	94.1	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	51.2	85.5	91.1	94.0	95.7	95.8	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	51.3	85.6	91.3	94.4	96.6	96.7	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	51.3	85.7	91.4	94.6	97.2	97.4	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	51.3	85.8	91.5	94.9	98.0	98.3	98.9	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	51.3	85.8	91.5	94.9	98.0	98.4	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	51.3	85.8	91.5	94.9	98.0	98.4	99.0	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	51.3	85.8	91.5	94.9	98.0	98.4	99.0	99.5	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	51.3	85.8	91.5	94.9	98.0	98.4	99.0	99.5	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	51.3	85.8	91.5	94.9	98.0	98.4	99.0	99.5	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 10-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-72 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	41.5	56.1	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 20000	44.8	61.9	62.5	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
≥ 18000	45.4	62.6	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 16000	45.5	62.7	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 14000	46.5	64.1	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 12000	48.4	66.8	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 10000	50.1	70.2	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 9000	50.6	70.8	71.3	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
≥ 8000	51.9	73.4	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 7000	53.0	75.7	76.6	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 6000	53.9	76.9	77.8	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 5000	54.8	78.3	79.6	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 4500	55.6	79.2	80.5	81.4	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4000	57.1	82.5	83.9	84.8	84.8	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3500	57.7	84.0	85.7	86.8	86.8	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3000	58.7	85.9	88.1	89.2	89.4	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2500	59.5	87.5	89.9	91.1	91.4	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2000	60.1	88.7	91.3	92.6	92.9	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800	60.1	88.8	91.4	93.0	93.3	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1 00	60.3	90.0	92.8	94.7	95.1	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	61.1	91.2	94.2	96.3	96.7	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	61.3	91.8	94.8	97.1	97.5	97.6	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	61.3	91.8	94.8	97.2	97.6	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	61.3	91.8	94.9	97.4	98.2	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	61.3	92.0	95.4	98.0	98.8	98.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	61.3	92.0	95.4	98.0	98.8	98.9	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	61.3	92.0	95.4	98.0	98.8	98.9	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	61.3	92.0	95.4	98.0	98.8	98.9	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	61.3	92.0	95.4	98.0	98.8	98.9	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	61.3	92.0	95.4	98.0	98.8	98.9	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	61.3	92.0	95.4	98.0	98.8	98.9	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	61.3	92.0	95.4	98.0	98.8	98.9	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥⅛	≥0	
NO CEILING	44.0	55.2	56.2	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000	48.9	63.9	65.5	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
≥ 18000	49.2	64.2	65.8	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 16000	49.2	64.2	65.8	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 14000	50.2	65.4	67.0	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 12000	51.4	67.1	68.7	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 10000	55.1	72.6	74.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 9000	55.4	72.9	74.8	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 8000	57.3	75.9	78.5	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 7000	58.4	78.2	80.8	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 6000	59.6	80.1	83.0	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 5000	60.1	81.2	84.2	85.3	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4500	61.0	82.2	85.2	86.3	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 4000	62.0	85.5	88.6	89.9	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4
≥ 3500	62.6	86.2	89.4	90.6	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.4	91.4	91.4	91.4
≥ 3000	63.0	87.5	90.8	92.2	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	93.0	93.0	93.0	93.0
≥ 2500	63.1	88.7	91.9	93.3	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.4
≥ 2000	63.2	89.1	92.4	94.0	94.6	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.3	95.3	95.3	95.3
≥ 1800	63.2	89.1	92.4	94.0	94.6	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.4	95.4	95.4	95.4
≥ 1500	63.8	90.1	93.4	95.2	96.0	96.3	96.7	96.7	96.8	96.9	96.9	96.9	97.1	97.1	97.1	97.1
≥ 1200	63.8	90.3	93.9	95.7	96.8	97.1	97.4	97.4	97.6	97.7	97.7	97.7	98.0	98.0	98.0	98.0
≥ 1000	64.0	90.8	94.3	96.1	97.2	97.5	97.8	97.8	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4
≥ 900	64.0	90.9	94.4	96.2	97.4	97.7	98.1	98.1	98.3	98.4	98.4	98.4	98.6	98.6	98.6	98.6
≥ 800	64.0	91.1	94.8	96.8	98.0	98.3	98.7	99.0	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 700	64.0	91.1	94.8	96.9	98.1	98.4	98.8	99.2	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 600	64.0	91.1	94.8	96.9	98.1	98.4	98.8	99.2	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 500	64.0	91.2	94.9	97.0	98.2	98.5	98.9	99.4	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 400	64.0	91.2	94.9	97.0	98.2	98.5	98.9	99.4	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300	64.0	91.2	94.9	97.0	98.2	98.5	98.9	99.4	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	64.0	91.2	94.9	97.0	98.2	98.5	98.9	99.4	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	64.0	91.2	94.9	97.0	98.2	98.5	98.9	99.4	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	64.0	91.2	94.9	97.0	98.2	98.5	98.9	99.4	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70, 74-78 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	45.4	57.2	57.8	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 20000	49.2	62.8	64.1	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 18000	49.2	62.8	64.1	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 16000	49.2	62.8	64.1	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 14000	50.3	64.2	65.5	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 12000	52.5	66.9	68.2	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 10000	56.2	72.7	74.2	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 9000	56.5	73.0	74.5	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 8000	58.4	76.9	78.6	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 7000	59.4	78.7	80.6	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 6000	60.8	80.5	83.0	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 5000	61.7	82.0	84.8	86.3	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 4500	62.3	83.2	86.1	87.6	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4000	63.3	85.9	89.6	91.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3500	63.5	86.6	90.4	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3000	63.7	87.3	91.2	92.9	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2500	63.8	87.6	91.7	93.4	94.1	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	64.1	88.0	92.3	94.1	94.7	94.7	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800	64.2	88.3	92.6	94.4	95.2	95.2	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	64.4	88.7	93.1	94.9	95.7	95.7	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	64.4	88.9	93.4	95.4	96.3	96.5	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	64.6	89.1	93.7	95.6	96.7	96.8	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 900	64.6	89.1	93.7	95.6	96.8	96.9	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	64.6	89.1	93.9	95.8	97.1	97.2	97.5	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 700	64.6	89.1	93.9	95.9	97.2	97.3	97.6	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 600	64.6	89.1	94.0	96.1	97.7	98.0	98.3	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 500	64.6	89.1	94.0	96.2	97.8	98.1	98.4	99.0	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 400	64.6	89.1	94.1	96.3	98.0	98.2	98.8	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	64.6	89.1	94.1	96.3	98.0	98.2	98.8	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	64.6	89.1	94.1	96.3	98.0	98.2	98.8	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	64.6	89.1	94.1	96.3	98.0	98.2	98.8	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	64.6	89.1	94.1	96.3	98.0	98.2	98.8	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) MAY (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	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	51.6	63.3	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	64.4
≥ 20000	54.2	68.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 18000	54.2	68.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 16000	54.2	68.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 14000	54.7	69.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 12000	55.8	70.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 10000	59.2	75.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 9000	59.4	76.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 8000	61.8	79.6	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 7000	63.8	82.9	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 6000	64.7	84.4	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 5000	65.3	85.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 4500	66.0	86.0	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4000	66.8	87.7	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3500	66.8	87.7	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3000	67.7	88.8	91.6	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500	68.1	89.2	92.2	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	68.7	90.1	93.3	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	68.7	90.1	93.5	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	68.9	90.3	94.0	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200	69.1	90.5	94.3	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1000	69.8	91.4	95.2	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 900	70.1	91.8	95.8	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	70.3	92.2	96.1	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	70.4	92.4	96.6	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	70.5	92.5	96.8	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	70.6	92.6	97.2	97.8	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	71.0	93.0	97.7	98.5	99.0	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	71.0	93.0	98.0	98.7	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	71.0	93.0	98.0	98.7	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	71.0	93.0	98.0	98.7	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	71.0	93.0	98.0	98.7	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) MAY (MONTH)

ALL (HOURS IN LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	40.7	54.6	56.8	58.1	58.8	59.0	59.1	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.5
≥ 20000	43.3	59.2	61.6	63.1	63.8	64.0	64.1	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.5
≥ 18000	43.4	59.3	61.8	63.2	64.0	64.1	64.3	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.6	64.7
≥ 16000	43.4	59.3	61.8	63.2	64.0	64.1	64.3	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.6	64.7
≥ 14000	43.9	60.0	62.5	64.0	64.7	64.8	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.4
≥ 12000	45.1	61.7	64.3	65.8	66.5	66.7	66.8	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.2
≥ 10000	47.6	65.6	68.4	70.1	70.9	71.0	71.2	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.6	71.7
≥ 9000	47.9	66.0	68.8	70.4	71.3	71.4	71.5	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	72.0
≥ 8300	49.5	68.6	71.7	73.4	74.3	74.4	74.6	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	75.0
≥ 7900	50.5	70.8	74.0	75.8	76.7	76.8	77.0	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.4	77.5
≥ 6000	51.3	72.2	75.7	77.7	78.7	78.8	79.0	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.4	79.4
≥ 5000	52.0	73.4	77.1	79.2	80.3	80.4	80.6	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.1
≥ 4500	52.5	74.1	77.9	80.1	81.2	81.3	81.5	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	82.0
≥ 4000	53.3	75.9	80.0	82.3	83.4	83.5	83.8	84.0	84.0	84.1	84.1	84.1	84.1	84.2	84.2	84.3
≥ 3500	53.7	76.6	80.8	83.1	84.2	84.4	84	4.9	84.9	84.9	85.0	85.0	85.0	85.0	85.1	85.1
≥ 3000	54.1	77.5	81.8	84.2	85.4	85.5	85	.0	86.1	86.1	86.2	86.2	86.2	86.2	86.3	86.3
≥ 2500	54.4	78.2	82.6	85.0	86.3	86.4	86	.0.9	87.0	87.0	87.1	87.1	87.1	87.1	87.2	87.3
≥ 2000	55.0	79.2	83.7	86.2	87.6	87.8	88.1	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.6	88.7
≥ 1800	55.1	79.4	84.0	86.5	87.9	88.1	88.4	88.7	88.7	88.8	88.8	88.8	88.8	88.9	88.9	89.0
≥ 1500	55.5	80.4	85.2	87.9	89.3	89.5	89.9	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.4	90.5
≥ 1200	55.9	81.2	86.2	89.1	90.7	91.0	91.4	91.7	91.8	91.8	91.9	91.9	91.9	91.9	92.0	92.1
≥ 1000	56.3	81.9	87.0	90.1	91.9	92.2	92.6	92.9	93.0	93.1	93.1	93.1	93.1	93.2	93.2	93.3
≥ 900	56.4	82.1	87.3	90.4	92.3	92.6	93.1	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.7	93.8
≥ 800	56.5	82.4	87.8	91.1	93.0	93.3	93.9	94.2	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.6
≥ 700	56.6	82.6	88.1	91.6	93.8	94.2	94.7	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.5	95.6
≥ 600	56.7	82.8	88.5	92.0	94.5	94.9	95.5	95.9	96.0	96.1	96.1	96.1	96.2	96.2	96.3	96.4
≥ 500	56.7	82.9	88.7	92.4	95.1	95.6	96.3	96.8	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.4
≥ 400	56.7	83.0	88.9	92.6	95.7	96.2	97.1	97.7	97.8	97.9	98.0	98.0	98.1	98.1	98.1	98.3
≥ 300	56.7	83.1	89.0	92.8	95.9	96.4	97.4	98.0	98.2	98.3	98.4	98.5	98.6	98.6	98.7	98.8
≥ 200	56.7	83.1	89.0	92.8	96.0	96.5	97.6	98.3	98.4	98.6	98.8	98.8	99.0	99.0	99.2	99.4
≥ 100	56.7	83.1	89.0	92.8	96.0	96.5	97.6	98.3	98.5	98.7	98.8	98.9	99.1	99.2	99.4	99.8
≥ 0	56.7	83.1	89.0	92.8	96.0	96.5	97.6	98.3	98.5	98.7	98.8	98.9	99.1	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	42.2	61.2	64.4	66.6	67.2	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 20000	44.3	66.1	69.6	72.6	73.4	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 18000	44.3	66.1	69.6	72.6	73.4	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 16000	44.3	66.1	69.6	72.6	73.4	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 14000	44.6	66.3	69.8	72.8	73.7	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 12000	45.0	67.4	70.9	73.9	74.8	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 10000	47.7	72.0	75.8	78.9	79.9	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 9000	47.7	72.0	75.8	78.9	79.9	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 8000	49.1	74.2	78.1	81.2	82.2	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 7000	49.7	75.2	79.3	82.6	83.6	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 6000	50.4	76.1	80.2	83.4	84.4	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 5000	50.8	76.7	81.0	84.2	85.2	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 4500	51.0	77.0	81.3	84.6	85.7	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4000	51.0	77.6	82.4	85.9	87.3	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3500	51.2	77.9	82.8	86.2	87.9	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3000	51.6	78.9	83.9	87.6	89.4	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2500	51.6	78.9	84.0	87.7	89.6	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000	52.1	79.9	85.1	88.8	91.0	91.2	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800	52.2	80.0	85.2	88.9	91.1	91.3	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1500	53.2	81.3	86.6	90.2	92.4	92.7	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1200	53.6	82.1	87.7	91.3	93.8	94.0	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000	53.6	82.6	88.3	92.0	94.4	94.7	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 900	53.8	82.9	88.7	92.4	94.9	95.1	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 800	54.1	83.6	89.6	93.3	95.9	96.1	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	54.1	83.8	90.0	93.9	96.6	96.8	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	54.1	84.1	90.8	94.8	97.6	97.8	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	54.2	84.2	90.9	95.0	98.1	98.3	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	54.2	84.2	90.9	95.1	98.3	98.6	99.0	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 300	54.2	84.3	91.0	95.2	98.6	98.8	99.3	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	54.3	84.4	91.1	95.3	98.7	98.9	99.4	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	54.3	84.4	91.1	95.3	98.7	98.9	99.4	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
0	54.3	84.4	91.1	95.3	98.7	98.9	99.4	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	<½	≥0
NO CEILING	29.2	49.0	56.6	60.3	62.9	63.1	64.0	64.4	64.6	64.8	64.9	64.9	65.0	65.0	65.0	65.1
≥ 20000	30.1	52.0	60.3	65.0	67.7	67.9	68.8	69.2	69.3	69.6	69.8	69.8	70.0	70.0	70.1	70.2
≥ 18000	30.1	52.0	60.3	65.0	67.7	67.9	68.8	69.2	69.3	69.6	69.8	69.8	70.0	70.0	70.1	70.2
≥ 16000	30.1	52.0	60.3	65.0	67.7	67.9	68.8	69.2	69.3	69.6	69.8	69.8	70.0	70.0	70.1	70.2
≥ 14000	30.1	52.2	60.6	65.2	67.9	68.1	69.0	69.4	69.6	69.8	70.0	70.0	70.2	70.2	70.3	70.4
≥ 12000	30.7	53.2	61.7	66.3	69.1	69.3	70.2	70.7	70.8	71.0	71.2	71.2	71.4	71.4	71.6	71.7
≥ 10000	32.0	55.9	64.6	69.4	72.7	72.9	73.8	74.3	74.4	74.7	74.9	74.9	75.1	75.1	75.2	75.3
≥ 9000	32.1	56.0	64.7	69.6	72.8	73.0	73.9	74.4	74.6	74.8	75.0	75.0	75.2	75.2	75.3	75.4
≥ 8000	32.8	57.0	66.1	71.0	74.2	74.4	75.3	75.9	76.1	76.3	76.6	76.6	76.8	76.8	76.9	77.0
≥ 7000	33.1	57.3	66.4	71.3	74.7	75.0	75.9	76.6	76.8	77.0	77.2	77.2	77.4	77.4	77.6	77.7
≥ 6000	33.9	58.1	67.2	72.1	75.4	75.8	76.7	77.3	77.6	77.8	78.0	78.0	78.2	78.2	78.3	78.4
≥ 5000	34.6	59.0	68.1	73.0	76.3	76.7	77.6	78.2	78.4	78.7	78.9	78.9	79.1	79.1	79.2	79.3
≥ 4500	34.6	59.1	68.3	73.2	76.6	76.9	77.8	78.4	78.7	78.9	79.1	79.1	79.3	79.3	79.4	79.6
≥ 4000	34.7	59.8	69.2	74.1	77.8	78.1	79.0	79.7	79.9	80.1	80.3	80.3	80.6	80.6	80.7	80.8
≥ 3500	34.8	59.9	69.3	74.2	78.0	78.3	79.2	79.9	80.1	80.3	80.6	80.6	80.8	80.8	80.9	81.0
≥ 3000	34.9	60.2	69.8	74.9	78.9	79.2	80.1	80.8	81.0	81.2	81.4	81.4	81.7	81.7	81.8	81.9
≥ 2500	34.9	60.4	70.1	75.2	79.3	79.7	80.6	81.4	81.7	81.9	82.1	82.1	82.3	82.3	82.4	82.6
≥ 2000	35.3	61.3	71.0	76.2	80.4	80.8	81.7	82.6	82.8	83.0	83.2	83.2	83.4	83.4	83.6	83.7
≥ 1800	35.3	61.4	71.1	76.3	80.6	80.9	81.8	82.7	82.9	83.1	83.3	83.3	83.6	83.6	83.7	83.8
≥ 1500	35.7	62.4	72.1	77.3	81.6	81.9	82.8	83.7	83.9	84.1	84.3	84.3	84.6	84.6	84.7	84.8
≥ 1200	36.1	63.9	73.8	79.0	83.4	83.8	84.8	85.7	85.9	86.1	86.3	86.3	86.6	86.6	86.7	86.8
≥ 1000	36.3	64.2	74.2	79.7	84.4	84.8	85.9	86.8	87.0	87.2	87.4	87.4	87.7	87.7	87.8	87.9
≥ 900	36.4	64.3	74.3	80.1	84.9	85.2	86.3	87.2	87.4	87.7	87.9	87.9	88.1	88.1	88.2	88.3
≥ 800	37.1	65.6	75.7	81.6	86.4	86.8	88.0	88.9	89.1	89.3	89.6	89.6	89.8	89.8	89.9	90.0
≥ 700	37.1	65.7	75.8	82.2	87.4	87.9	89.1	90.0	90.2	90.4	90.7	90.7	90.9	90.9	91.0	91.1
≥ 600	37.1	65.9	76.4	83.0	88.2	89.0	90.2	91.2	91.4	91.7	91.9	91.9	92.1	92.1	92.2	92.3
≥ 500	37.1	66.2	77.1	83.8	89.1	89.9	91.2	92.2	92.7	92.9	93.1	93.1	93.4	93.4	93.6	93.7
≥ 400	37.1	66.2	77.2	84.2	89.9	90.8	92.4	93.6	94.0	94.2	94.4	94.4	94.8	94.9	95.1	95.2
≥ 300	37.1	66.2	77.2	84.8	90.9	91.8	93.6	94.8	95.3	95.7	95.9	95.9	96.3	96.4	96.7	96.8
≥ 200	37.1	66.2	77.2	84.8	91.0	91.9	93.9	95.3	95.9	96.6	96.9	97.0	97.6	97.9	98.6	98.8
≥ 100	37.1	66.2	77.2	84.8	91.0	91.9	93.9	95.3	95.9	96.6	96.9	97.0	97.8	98.1	99.4	99.9
≥ 0	37.1	66.2	77.2	84.8	91.0	91.9	93.9	95.3	95.9	96.6	96.9	97.0	97.8	98.1	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	14.9	36.7	42.9	50.2	53.1	54.8	55.8	56.8	56.8	57.2	57.6	57.6	57.6	57.7	57.8	58.0
≥ 20000	15.3	39.6	46.7	54.6	57.6	59.2	60.2	61.3	61.3	61.8	62.2	62.2	62.2	62.3	62.4	62.7
≥ 18000	15.3	39.6	46.7	54.6	57.6	59.2	60.2	61.3	61.3	61.8	62.2	62.2	62.2	62.3	62.4	62.7
≥ 16000	15.3	39.6	46.7	54.6	57.6	59.2	60.2	61.3	61.3	61.8	62.2	62.2	62.2	62.3	62.4	62.7
≥ 14000	15.8	40.1	47.3	55.2	58.2	60.0	61.0	62.1	62.1	62.6	63.0	63.0	63.0	63.1	63.2	63.4
≥ 12000	15.9	41.7	48.9	56.8	60.1	62.0	63.0	64.1	64.1	64.7	65.1	65.1	65.1	65.2	65.3	65.6
≥ 10000	16.8	44.7	52.7	61.2	64.9	66.8	67.9	69.0	69.0	69.6	70.0	70.0	70.0	70.1	70.2	70.4
≥ 9000	16.8	44.7	52.7	61.2	64.9	66.8	67.9	69.0	69.0	69.6	70.0	70.0	70.0	70.1	70.2	70.4
≥ 8000	17.1	46.0	54.2	63.0	67.0	68.9	70.0	71.1	71.1	71.7	72.1	72.1	72.1	72.2	72.3	72.6
≥ 7000	17.2	46.7	55.1	64.0	68.0	69.9	71.1	72.4	72.4	73.0	73.4	73.4	73.4	73.6	73.7	73.9
≥ 6000	17.6	47.1	55.7	64.7	68.7	70.6	71.8	73.1	73.1	73.7	74.[illegible]	[illegible].1	74.1	74.2	74.3	74.6
≥ 5000	17.7	47.6	56.1	65.2	69.2	71.1	72.4	73.8	73.8	74.3	74.8	74.8	74.8	74.9	75.0	75.2
≥ 4500	17.8	47.8	56.3	65.4	69.6	71.4	72.8	74.1	74.1	74.7	75.1	75.1	75.1	75.2	75.3	75.6
≥ 4000	17.9	48.2	56.8	65.9	70.0	72.0	73.4	74.9	74.9	75.4	75.9	75.9	75.9	76.0	76.1	76.3
≥ 3500	18.1	48.4	57.0	66.2	70.4	72.4	73.9	75.3	75.3	75.9	76.3	76.3	76.3	76.4	76.6	76.8
≥ 3000	18.3	48.8	57.3	66.6	70.9	73.0	74.4	75.9	75.9	76.4	76.9	76.9	76.9	77.0	77.1	77.3
≥ 2500	18.3	49.2	57.8	67.0	71.6	73.8	75.2	76.7	76.7	77.2	77.8	77.8	77.8	77.9	78.0	78.2
≥ 2000	18.3	49.4	58.0	67.3	72.1	74.3	75.9	77.6	77.7	78.2	78.8	78.8	78.8	78.9	79.0	79.2
≥ 1800	18.3	49.4	58.0	67.6	72.3	74.6	76.1	77.8	77.9	78.4	79.0	79.0	79.0	79.1	79.2	79.4
≥ 1 00	18.7	50.0	58.7	68.2	73.1	75.3	76.9	78.7	78.8	79.3	79.9	79.9	79.9	80.0	80.1	80.3
≥ 1200	18.8	50.7	59.7	69.3	74.3	76.7	78.3	80.1	80.2	80.8	81.3	81.3	81.3	81.4	81.6	81.8
≥ 1000	18.8	51.2	60.3	70.3	75.6	78.1	80.0	81.8	81.9	82.4	83.0	83.0	83.0	83.1	83.2	83.4
≥ 900	18.9	51.7	61.0	71.1	76.6	79.1	81.0	82.8	82.9	83.4	84.0	84.0	84.0	84.1	84.2	84.4
≥ 800	19.1	52.7	62.4	72.9	78.4	81.0	82.9	84.8	84.9	85.4	86.0	86.0	86.0	86.1	86.2	86.4
≥ 700	19.2	53.2	63.4	73.9	79.9	82.7	84.8	86.7	86.8	87.3	87.9	87.9	87.9	88.0	88.1	88.3
≥ 600	19.4	54.1	64.9	75.7	82.1	84.9	87.0	89.1	89.2	89.8	90.3	90.3	90.3	90.4	90.6	90.8
≥ 500	19.4	54.8	65.8	76.7	83.6	86.4	88.6	91.1	91.2	91.8	92.3	92.4	92.4	92.6	92.7	92.9
≥ 400	19.4	55.0	66.1	77.4	84.8	88.2	91.0	93.9	94.2	94.9	95.6	95.7	95.7	95.8	95.9	96.2
≥ 300	19.4	55.0	66.1	77.4	84.9	88.6	91.7	94.7	95.0	95.9	96.7	96.8	96.8	97.0	97.2	97.6
≥ 200	19.4	55.0	66.1	77.4	84.9	88.6	91.7	94.8	95.3	96.6	97.4	97.6	97.6	98.3	98.9	99.3
≥ 100	19.4	55.0	66.1	77.4	84.9	88.6	91.7	94.8	95.3	96.6	97.4	97.6	97.6	98.3	99.0	99.7
≥ 0	19.4	55.0	66.1	77.4	84.9	88.6	91.7	94.8	95.3	96.6	97.4	97.6	97.6	98.3	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (L or Z))

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥	≥5/16	≥¼	≥0
NO CEILING	28.6	56.6	59.0	61.4	62.4	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 20000	30.0	62.7	65.3	68.0	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 18000	30.2	62.9	65.6	68.3	69.3	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 16000	30.2	62.9	65.6	68.3	69.3	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 14000	30.4	63.3	66.3	69.1	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 12000	31.0	65.3	68.6	71.3	72.3	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 10000	32.1	68.1	71.6	74.3	75.4	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 9000	32.2	68.2	71.7	74.4	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 8000	32.6	70.2	74.0	76.8	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 7000	32.9	71.0	74.9	77.7	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 6000	32.9	71.0	74.9	77.7	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 5000	33.0	71.3	75.2	78.0	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4500	33.1	71.6	75.6	78.3	79.4	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4000	33.9	72.8	76.8	79.7	80.8	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3500	34.2	73.3	77.3	80.2	81.3	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3000	34.9	74.7	79.0	82.2	83.6	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2500	35.7	76.6	81.2	84.4	85.8	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2000	36.7	78.7	83.6	86.8	88.1	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1800	36.8	79.0	83.9	87.4	88.8	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1500	37.6	81.6	86.8	90.6	92.1	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1200	38.1	83.3	88.9	92.8	94.4	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1000	38.3	84.0	89.9	94.0	95.8	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	38.6	84.6	90.7	94.9	96.7	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	38.8	84.9	91.1	95.4	97.4	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	38.8	84.9	91.4	95.9	98.0	98.3	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	38.9	85.1	91.8	96.2	98.7	99.0	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	38.9	85.1	91.8	96.3	98.9	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	38.9	85.1	91.8	96.3	98.9	99.2	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	38.9	85.1	91.8	96.3	98.9	99.2	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	38.9	85.1	91.8	96.3	98.9	99.2	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	38.9	85.1	91.8	96.3	98.9	99.2	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	38.9	85.1	91.8	96.3	98.9	99.2	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.4	59.1	61.1	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 20000	36.4	68.1	70.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 18000	36.4	68.1	70.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 16000	36.6	68.2	70.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 14000	37.0	69.0	71.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 12000	38.1	71.4	74.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 10000	40.4	76.2	79.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 9000	40.8	76.6	79.3	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 8000	41.3	78.7	81.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 7000	41.9	79.2	82.2	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 6000	42.0	79.6	82.6	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 5000	42.4	80.6	83.6	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4500	42.9	81.6	84.6	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4000	43.9	83.3	86.3	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3500	44.6	84.8	87.8	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3000	44.9	86.8	90.0	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2500	46.0	88.8	92.6	95.9	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2000	46.3	89.8	93.6	96.9	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	46.3	89.8	93.6	96.9	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	46.4	90.3	94.1	97.4	98.2	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	46.4	90.9	94.8	98.1	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	46.4	91.0	94.9	98.2	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	46.4	91.1	95.0	98.3	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	46.4	91.1	95.0	98.3	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	46.4	91.1	95.0	98.3	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	46.4	91.1	95.1	98.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	46.4	91.1	95.1	98.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	46.4	91.2	95.2	98.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	46.4	91.2	95.2	98.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	46.4	91.2	95.2	98.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	46.4	91.2	95.2	98.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	46.4	91.2	95.2	98.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13840 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.6	61.0	62.0	62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2
≥ 20000	39.0	69.1	70.4	71.3	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7
≥ 18000	39.1	69.2	70.6	71.4	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8
≥ 16000	39.1	69.2	70.6	71.4	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8
≥ 14000	39.8	70.2	71.6	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0
≥ 12000	40.6	72.0	73.3	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9
≥ 10000	42.3	76.7	78.3	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2
≥ 9000	43.1	77.8	79.4	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3
≥ 8000	43.9	79.8	81.4	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3
≥ 7000	44.9	81.0	83.0	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0
≥ 6000	45.1	81.3	83.3	85.0	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.6	85.6
≥ 5000	46.0	83.2	85.3	87.2	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8
≥ 4500	46.9	84.3	86.4	88.3	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9
≥ 4000	47.8	85.8	88.0	90.0	90.3	90.3	90.4	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.7	90.7
≥ 3500	48.3	88.0	90.4	92.4	92.9	92.9	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.2	93.2
≥ 3000	48.7	89.4	91.9	94.2	94.7	94.7	94.8	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.2	95.3
≥ 2500	49.4	91.0	93.4	95.9	96.3	96.3	96.6	96.7	96.7	96.8	96.9	96.9	96.9	96.9	97.0	97.1
≥ 2000	49.7	91.3	94.0	96.6	97.1	97.1	97.3	97.4	97.4	97.6	97.8	97.9	97.9	97.9	98.0	98.1
≥ 1800	49.7	91.3	94.0	96.6	97.1	97.1	97.3	97.4	97.4	97.6	97.8	97.9	97.9	97.9	98.0	98.1
≥ 1500	49.9	91.8	94.6	97.1	97.7	97.7	97.9	98.0	98.1	98.2	98.4	98.6	98.6	98.6	98.7	98.9
≥ 1200	50.0	92.0	94.8	97.3	97.9	97.9	98.1	98.2	98.3	98.4	98.7	98.8	98.8	98.8	98.9	99.1
≥ 1000	50.0	92.2	95.0	97.6	98.1	98.1	98.3	98.4	98.6	98.7	98.9	99.0	99.0	99.0	99.1	99.3
≥ 900	50.0	92.2	95.0	97.6	98.2	98.2	98.4	98.6	98.7	98.8	99.0	99.1	99.1	99.1	99.2	99.4
≥ 800	50.0	92.2	95.0	97.6	98.2	98.2	98.4	98.6	98.7	98.8	99.0	99.1	99.1	99.1	99.2	99.4
≥ 700	50.0	92.2	95.0	97.7	98.3	98.3	98.6	98.7	98.8	98.9	99.1	99.2	99.2	99.2	99.3	99.6
≥ 600	50.0	92.2	95.0	97.7	98.3	98.3	98.6	98.7	98.8	98.9	99.1	99.2	99.2	99.2	99.3	99.6
≥ 500	50.0	92.4	95.2	97.9	98.6	98.6	98.8	99.0	99.1	99.2	99.4	99.6	99.7	99.7	99.8	100.0
≥ 400	50.0	92.4	95.2	97.9	98.6	98.6	98.8	99.0	99.1	99.2	99.4	99.6	99.7	99.7	99.8	100.0
≥ 300	50.0	92.4	95.2	97.9	98.6	98.6	98.8	99.0	99.1	99.2	99.4	99.6	99.7	99.7	99.8	100.0
≥ 200	50.0	92.4	95.2	97.9	98.6	98.6	98.8	99.0	99.1	99.2	99.4	99.6	99.7	99.7	99.8	100.0
≥ 100	50.0	92.4	95.2	97.9	98.6	98.6	98.8	99.0	99.1	99.2	99.4	99.6	99.7	99.7	99.8	100.0
≥ 0	50.0	92.4	95.2	97.9	98.6	98.6	98.8	99.0	99.1	99.2	99.4	99.6	99.7	99.7	99.8	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JUN (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	≥⅝	≥½	≥5/16	≥¼	0
NO CEILING	33.1	58.1	59.7	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 20000	36.3	67.4	69.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 18000	36.3	67.4	69.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 16000	36.3	67.4	69.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 14000	37.0	68.4	70.9	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 12000	38.1	70.9	73.3	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 10000	39.6	75.0	77.9	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 9000	40.2	76.1	79.0	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 8000	41.3	77.9	80.9	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 7000	42.1	79.2	82.3	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 6000	42.6	79.8	82.9	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 5000	43.6	81.6	84.9	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4500	44.3	82.4	85.9	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4000	44.7	83.6	87.2	90.4	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	44.8	84.6	88.6	91.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3000	45.4	86.1	90.6	94.2	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	45.8	86.8	91.3	95.2	96.2	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2000	45.9	87.4	92.1	96.0	97.1	97.2	97.3	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1800	45.9	87.4	92.1	96.0	97.1	97.2	97.3	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1500	45.9	87.8	92.4	96.3	97.4	97.6	97.7	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	46.1	88.0	92.7	96.8	97.9	98.0	98.1	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	46.1	88.1	92.8	97.0	98.1	98.2	98.3	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	46.1	88.1	92.8	97.0	98.1	98.2	98.3	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	46.1	88.1	92.8	97.0	98.1	98.2	98.4	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	46.1	88.1	92.8	97.0	98.1	98.2	98.4	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	46.1	88.1	92.8	97.0	98.2	98.3	98.6	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	46.1	88.6	93.2	97.4	98.8	98.9	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	46.1	88.6	93.2	97.4	98.8	98.9	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	46.1	88.6	93.2	97.4	98.8	98.9	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	46.1	88.6	93.2	97.4	98.8	98.9	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	46.1	88.6	93.2	97.4	98.8	98.9	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	46.1	88.6	93.2	97.4	98.8	98.9	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS IN LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	46.3	63.3	64.8	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
≥ 20000	49.0	69.4	71.3	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 18000	49.0	69.4	71.3	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 16000	49.0	69.4	71.3	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 14000	49.7	70.1	72.0	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 12000	50.4	71.2	73.1	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 10000	53.1	76.3	78.2	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 9000	53.7	77.1	79.0	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 8000	54.9	79.2	81.1	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 7000	55.7	80.1	82.0	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 6000	56.0	80.9	82.8	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 5000	57.0	82.3	84.3	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 4500	57.4	83.0	85.1	87.3	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 4000	58.4	85.0	87.8	90.4	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	59.1	86.2	89.2	91.9	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3000	59.1	87.0	90.1	92.9	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2500	59.6	87.8	90.9	93.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2000	59.7	88.6	91.8	94.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	59.7	88.6	91.8	94.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	60.1	89.1	92.4	95.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	60.4	89.4	93.2	96.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	60.4	89.7	93.6	96.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	60.6	89.9	93.8	96.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	60.6	90.0	93.9	97.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	60.6	90.2	94.2	97.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	60.6	90.4	94.4	97.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	60.6	90.7	94.9	98.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	60.6	90.7	94.9	98.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	60.6	90.7	94.9	98.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	60.6	90.7	94.9	98.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	60.6	90.7	94.9	98.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	60.6	90.7	94.9	98.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JUN (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.2	55.6	58.8	61.4	62.3	62.6	62.9	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3
≥ 20000	35.1	61.8	65.5	68.6	69.6	69.9	70.2	70.4	70.4	70.5	70.6	70.6	70.6	70.6	70.7	70.7
≥ 18000	35.1	61.8	65.5	68.7	69.7	70.0	70.3	70.5	70.5	70.6	70.7	70.7	70.7	70.7	70.8	70.8
≥ 16000	35.1	61.9	65.6	68.7	69.7	70.0	70.3	70.5	70.5	70.6	70.7	70.7	70.7	70.7	70.8	70.8
≥ 14000	35.5	62.5	66.2	69.4	70.4	70.7	71.0	71.2	71.2	71.3	71.4	71.4	71.4	71.4	71.5	71.5
≥ 12000	36.2	64.2	68.0	71.2	72.3	72.6	72.9	73.1	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.4
≥ 10000	38.0	68.1	72.3	75.7	77.0	77.3	77.6	77.8	77.8	77.9	78.0	78.0	78.0	78.0	78.1	78.1
≥ 9000	38.3	68.6	72.7	76.2	77.4	77.7	78.0	78.2	78.3	78.3	78.4	78.4	78.5	78.5	78.5	78.6
≥ 8000	39.1	70.4	74.7	78.2	79.5	79.8	80.1	80.3	80.3	80.4	80.5	80.5	80.6	80.6	80.6	80.7
≥ 7000	39.7	71.2	75.7	79.3	80.6	80.9	81.2	81.5	81.5	81.6	81.7	81.7	81.7	81.7	81.8	81.8
≥ 6000	40.1	71.7	76.2	79.8	81.2	81.5	81.8	82.1	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.4
≥ 5000	40.6	72.8	77.3	81.0	82.4	82.7	83.0	83.3	83.3	83.4	83.5	83.5	83.5	83.6	83.6	83.6
≥ 4500	41.0	73.3	77.9	81.7	83.1	83.4	83.7	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.3	84.3
≥ 4000	41.5	74.5	79.3	83.2	84.7	85.1	85.4	85.7	85.7	85.8	85.9	85.9	85.9	85.9	86.0	86.0
≥ 3500	41.9	75.4	80.3	84.2	85.8	86.2	86.5	86.8	86.8	86.9	87.0	87.0	87.1	87.1	87.1	87.2
≥ 3000	42.2	76.5	81.6	85.7	87.3	87.8	88.2	88.5	88.6	88.7	88.8	88.8	88.8	88.8	88.9	88.9
≥ 2500	42.7	77.4	82.7	86.9	88.7	89.1	89.5	89.9	89.9	90.0	90.1	90.1	90.2	90.2	90.2	90.3
≥ 2000	43.0	78.3	83.6	87.9	89.9	90.3	90.7	91.1	91.2	91.3	91.4	91.4	91.5	91.5	91.5	91.6
≥ 1800	43.0	78.4	83.7	88.1	90.1	90.5	90.9	91.3	91.3	91.5	91.6	91.6	91.6	91.6	91.7	91.7
≥ 1500	43.4	79.3	84.7	89.1	91.2	91.6	92.0	92.4	92.5	92.6	92.7	92.8	92.8	92.8	92.8	92.9
≥ 1200	43.7	80.0	85.7	90.1	92.3	92.7	93.1	93.6	93.7	93.8	93.9	93.9	93.9	94.0	94.0	94.1
≥ 1000	43.8	80.4	86.1	90.7	92.9	93.4	93.8	94.3	94.4	94.5	94.6	94.6	94.7	94.7	94.7	94.8
≥ 900	43.8	80.6	86.4	91.0	93.3	93.8	94.3	94.7	94.8	94.9	95.0	95.1	95.1	95.1	95.1	95.2
≥ 800	44.0	81.0	86.9	91.6	94.0	94.4	95.0	95.4	95.5	95.7	95.8	95.8	95.8	95.8	95.9	96.0
≥ 700	44.0	81.2	87.2	92.0	94.5	95.0	95.6	96.1	96.1	96.3	96.4	96.4	96.5	96.5	96.5	96.6
≥ 600	44.1	81.4	87.7	92.5	95.2	95.7	96.3	96.8	96.9	97.0	97.2	97.2	97.2	97.2	97.3	97.3
≥ 500	44.1	81.6	88.0	93.0	95.8	96.3	96.9	97.5	97.6	97.8	97.9	97.9	98.0	98.0	98.1	98.1
≥ 400	44.1	81.7	88.1	93.2	96.1	96.7	97.5	98.1	98.2	98.4	98.6	98.6	98.7	98.7	98.8	98.8
≥ 300	44.1	81.7	88.1	93.2	96.2	96.9	97.7	98.4	98.6	98.8	98.9	99.0	99.1	99.1	99.2	99.3
≥ 200	44.1	81.7	88.1	93.3	96.3	96.9	97.8	98.5	98.7	99.0	99.2	99.2	99.3	99.5	99.6	99.8
≥ 100	44.1	81.7	88.1	93.3	96.3	96.9	97.8	98.5	98.7	99.0	99.2	99.2	99.3	99.5	99.8	99.9
≥ 0	44.1	81.7	88.1	93.3	96.3	96.9	97.8	98.5	98.7	99.0	99.2	99.2	99.3	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JUL (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	43.9	62.7	66.1	67.0	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 20000	45.4	66.7	71.3	72.8	73.4	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 18000	45.4	66.7	71.3	72.8	73.4	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 16000	45.4	66.7	71.3	72.8	73.4	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 14000	45.7	67.6	72.3	73.8	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 12000	46.9	69.0	73.7	75.2	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 10000	51.1	74.7	79.9	81.5	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 9000	51.3	75.4	80.5	82.2	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 8000	52.2	77.4	83.3	85.1	86.2	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 7000	52.3	77.8	83.9	85.6	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 6000	52.8	78.5	84.8	86.6	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 5000	53.1	79.4	85.9	87.6	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 4500	53.2	79.7	86.2	88.1	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4000	53.3	79.8	86.3	88.2	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3500	53.3	80.0	86.6	88.6	90.2	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3000	53.4	80.6	87.3	89.6	91.3	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	53.4	81.0	87.8	90.1	91.9	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000	53.5	81.2	88.3	90.6	92.6	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	53.7	81.3	88.4	90.9	92.8	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1500	54.0	81.7	88.8	91.4	93.3	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1200	54.2	82.0	89.2	92.0	94.0	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000	54.3	82.3	89.5	92.4	94.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 900	54.3	82.3	89.5	92.4	94.4	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	54.3	82.4	89.6	92.5	94.6	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 700	54.5	82.6	89.9	92.8	95.2	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	54.7	82.9	90.2	93.2	95.6	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 500	55.3	83.7	91.0	94.0	96.5	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 400	55.5	84.0	91.5	94.9	97.7	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	55.5	84.0	91.5	95.1	98.4	98.7	98.8	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	55.5	84.0	91.6	95.2	98.6	99.0	99.1	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	55.5	84.0	91.6	95.2	98.6	99.0	99.1	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	55.5	84.0	91.6	95.2	98.6	99.0	99.1	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.8	52.8	58.7	61.7	64.9	65.2	65.5	65.7	65.8	65.9	66.5	66.5	66.6	66.6	66.7	66.7
≥ 20000	32.3	55.5	63.0	66.7	70.2	70.4	70.8	71.0	71.1	71.2	71.7	71.7	71.8	71.8	71.9	71.9
≥ 18000	32.3	55.5	63.0	66.7	70.2	70.4	70.8	71.0	71.1	71.2	71.7	71.7	71.8	71.8	71.9	71.9
≥ 16000	32.3	55.5	63.0	66.7	70.2	70.4	70.8	71.0	71.1	71.2	71.7	71.7	71.8	71.8	71.9	71.9
≥ 14000	32.5	56.0	63.9	67.6	71.3	71.5	71.8	72.0	72.2	72.3	72.8	72.8	72.9	72.9	73.0	73.0
≥ 12000	33.1	57.4	65.5	69.2	72.9	73.1	73.4	73.7	73.8	73.9	74.4	74.4	74.5	74.5	74.6	74.6
≥ 10000	35.5	62.4	70.9	74.7	78.5	78.7	79.0	79.2	79.4	79.5	80.0	80.0	80.1	80.1	80.2	80.2
≥ 9000	35.8	62.9	71.4	75.3	79.0	79.2	79.6	79.8	79.9	80.0	80.5	80.5	80.6	80.6	80.8	80.8
≥ 8000	36.2	63.9	72.7	76.6	80.6	80.9	81.2	81.4	81.5	81.6	82.2	82.2	82.3	82.3	82.4	82.4
≥ 7000	36.3	64.1	72.9	76.9	81.2	81.4	81.7	81.9	82.0	82.2	82.7	82.7	82.8	82.8	82.9	82.9
≥ 6000	36.7	64.7	73.8	77.7	82.0	82.3	82.6	82.8	82.9	83.0	83.5	83.5	83.7	83.7	83.8	83.8
≥ 5000	37.0	65.6	74.6	78.7	83.0	83.2	83.5	83.8	83.9	84.0	84.5	84.5	84.6	84.6	84.7	84.7
≥ 4500	37.0	65.6	74.7	78.9	83.2	83.4	83.6	84.0	84.1	84.2	84.7	84.7	84.8	84.8	84.9	84.9
≥ 4000	37.0	65.8	74.9	79.2	83.5	83.8	84.1	84.3	84.4	84.5	85.1	85.1	85.2	85.2	85.3	85.3
≥ 3500	37.1	65.9	75.3	79.6	84.0	84.2	84.6	84.9	85.1	85.2	85.7	85.7	85.8	85.8	85.9	85.9
≥ 3000	37.2	66.5	76.2	80.6	85.2	85.4	85.8	86.1	86.2	86.3	86.9	86.9	87.0	87.0	87.1	87.1
≥ 2500	37.5	67.7	77.6	82.0	86.7	86.9	87.3	87.6	87.7	87.8	88.4	88.4	88.5	88.5	88.6	88.6
≥ 2000	37.5	68.0	78.0	82.4	87.2	87.4	87.8	88.2	88.3	88.4	88.9	88.9	89.0	89.0	89.1	89.1
≥ 1800	37.5	68.1	78.1	82.5	87.3	87.5	88.0	88.3	88.4	88.5	89.0	89.0	89.1	89.1	89.2	89.2
≥ 1500	37.6	68.3	78.3	82.9	87.7	88.0	88.4	88.7	88.8	88.9	89.5	89.5	89.6	89.6	89.7	89.7
≥ 1200	37.8	68.7	78.7	83.4	88.3	88.5	88.9	89.2	89.4	89.5	90.0	90.0	90.2	90.2	90.3	90.3
≥ 1000	38.3	69.2	79.5	84.3	89.1	89.4	89.8	90.1	90.2	90.4	91.0	91.0	91.3	91.3	91.4	91.4
≥ 900	38.3	69.2	79.5	84.4	89.5	89.8	90.2	90.5	90.8	91.0	91.5	91.5	91.8	91.8	91.9	91.9
≥ 800	38.3	69.2	79.5	84.5	89.6	89.9	90.6	91.0	91.2	91.4	91.9	91.9	92.3	92.3	92.4	92.4
≥ 700	38.5	69.6	79.8	84.8	90.1	90.4	91.2	91.5	91.7	91.9	92.5	92.5	92.8	92.8	92.9	92.9
≥ 600	38.6	69.8	80.0	85.3	90.6	91.1	91.8	92.3	92.5	92.7	93.2	93.2	93.5	93.5	93.7	93.7
≥ 500	38.7	70.3	80.5	86.0	91.8	92.4	93.1	93.5	93.8	94.1	94.6	94.6	94.9	94.9	95.1	95.1
≥ 400	38.7	70.3	80.6	86.6	92.8	93.8	94.7	95.4	95.6	95.9	96.5	96.5	96.8	96.8	96.9	96.9
≥ 300	38.7	70.3	80.9	86.9	93.3	94.3	95.4	96.1	96.3	96.7	97.3	97.3	97.6	97.6	97.7	97.7
≥ 200	38.7	70.3	80.9	86.9	93.5	94.6	95.7	96.6	96.8	97.2	98.1	98.1	98.4	98.4	98.6	98.6
≥ 100	38.7	70.3	80.9	86.9	93.7	94.8	95.9	96.8	97.0	97.5	98.4	98.4	98.9	99.0	99.5	99.7
≥ 0	38.7	70.3	80.9	86.9	93.7	94.8	95.9	96.8	97.0	97.5	98.4	98.4	98.9	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	13.4	31.9	39.4	49.7	55.2	57.7	59.1	60.5	61.0	61.1	61.4	61.4	61.6	61.7	61.8	61.8
≥ 20000	14.1	34.5	42.8	53.9	60.0	63.0	64.5	65.9	66.3	66.5	66.9	66.9	67.1	67.2	67.4	67.6
≥ 18000	14.1	34.5	42.8	53.9	60.0	63.0	64.5	65.9	66.3	66.5	66.9	66.9	67.1	67.2	67.4	67.6
≥ 16000	14.1	34.5	42.8	53.9	60.0	63.0	64.5	65.9	66.3	66.5	66.9	66.9	67.1	67.2	67.4	67.6
≥ 14000	15.3	36.5	44.7	55.8	61.9	64.9	66.6	68.0	68.4	68.5	68.9	68.9	69.1	69.2	69.5	69.7
≥ 12000	15.6	37.0	45.5	56.8	62.9	65.9	67.5	68.9	69.4	69.5	69.9	69.9	70.1	70.2	70.4	70.6
≥ 10000	16.7	40.4	49.8	61.7	68.5	71.7	73.5	74.9	75.5	75.6	76.0	76.0	76.2	76.3	76.6	76.8
≥ 9000	16.9	40.8	50.1	62.0	68.9	72.2	74.0	75.4	75.9	76.0	76.5	76.5	76.7	76.8	77.0	77.2
≥ 8000	17.0	42.2	51.8	64.1	71.1	74.3	76.1	77.6	78.2	78.3	78.7	78.7	78.9	79.0	79.2	79.5
≥ 7000	17.1	43.0	52.8	65.1	72.2	75.4	77.2	78.8	79.4	79.5	79.9	79.9	80.1	80.2	80.4	80.8
≥ 6000	17.2	43.1	53.0	65.3	72.5	75.7	77.5	79.1	79.7	79.8	80.2	80.2	80.4	80.5	80.8	81.1
≥ 5000	17.5	43.7	53.5	66.1	73.3	76.6	78.5	80.1	80.6	80.8	81.2	81.2	81.4	81.5	81.7	82.0
≥ 4500	17.5	43.7	53.7	66.3	73.5	76.8	78.7	80.3	80.9	81.0	81.4	81.4	81.6	81.7	81.9	82.3
≥ 4000	17.7	44.1	54.2	67.0	74.2	77.4	79.4	81.0	81.5	81.6	82.0	82.0	82.3	82.4	82.6	82.9
≥ 3500	17.8	44.2	54.3	67.1	74.3	77.5	79.5	81.1	81.6	81.7	82.2	82.2	82.4	82.5	82.7	83.0
≥ 3000	17.8	44.3	54.4	67.3	74.5	77.7	79.8	81.4	81.9	82.0	82.5	82.5	82.7	82.8	83.0	83.3
≥ 2500	18.0	44.6	54.8	67.8	75.1	78.3	80.3	81.9	82.5	82.6	83.0	83.0	83.2	83.3	83.5	83.9
≥ 2000	18.1	44.7	55.2	68.6	75.8	79.0	81.1	82.8	83.3	83.4	83.9	83.9	84.1	84.2	84.4	84.7
≥ 1800	18.1	44.8	55.4	68.8	76.1	79.4	81.4	83.1	83.7	83.8	84.2	84.2	84.4	84.5	84.7	85.1
≥ 1500	18.3	45.4	55.9	69.5	76.9	80.1	82.3	84.0	84.5	84.6	85.1	85.1	85.3	85.4	85.6	85.9
≥ 1200	18.3	45.9	56.7	70.3	78.1	81.3	83.4	85.2	85.8	85.9	86.3	86.3	86.6	86.7	86.9	87.2
≥ 1000	18.5	46.2	57.1	71.0	78.8	82.0	84.2	85.9	86.6	86.7	87.1	87.1	87.3	87.4	87.6	88.0
≥ 900	18.5	46.5	57.3	71.2	79.0	82.3	84.4	86.1	86.8	87.0	87.4	87.4	87.6	87.7	88.0	88.3
≥ 800	18.6	46.8	57.8	72.3	80.2	83.5	85.8	87.5	88.2	88.4	88.8	88.8	89.0	89.1	89.4	89.7
≥ 700	18.8	47.3	58.5	73.0	81.1	84.4	86.7	88.5	89.1	89.5	89.9	89.9	90.1	90.2	90.4	90.8
≥ 600	18.8	47.6	58.9	73.7	81.9	85.5	87.8	89.7	90.3	90.6	91.1	91.1	91.3	91.4	91.6	91.9
≥ 500	18.9	48.0	59.5	74.4	83.2	87.0	89.9	91.9	92.6	92.9	93.3	93.3	93.8	93.9	94.2	94.5
≥ 400	18.9	48.0	59.5	74.5	84.0	88.1	91.4	93.7	94.4	94.7	95.3	95.3	95.7	95.8	96.1	96.5
≥ 300	18.9	48.1	59.7	74.9	84.7	89.0	92.5	94.9	95.7	96.1	96.8	96.9	97.3	97.4	97.7	98.1
≥ 200	18.9	48.2	59.8	75.1	84.8	89.1	92.8	95.3	96.0	96.5	97.2	97.4	98.0	98.4	98.7	99.1
≥ 100	18.9	48.2	59.8	75.1	84.8	89.1	92.8	95.3	96.0	96.5	97.2	97.4	98.0	98.4	98.7	99.5
≥ 0	18.9	48.2	59.8	75.1	84.8	89.1	92.8	95.3	96.0	96.5	97.2	97.4	98.0	98.4	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS IN LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	26.2	51.2	57.8	62.7	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 20000	27.2	54.4	61.4	66.8	68.2	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 18000	27.2	54.5	61.5	66.9	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 16000	27.2	54.5	61.5	66.9	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 14000	28.2	56.1	63.1	68.5	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 12000	29.2	58.1	65.1	70.5	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 10000	30.2	61.6	68.9	74.4	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 9000	30.4	61.9	69.2	74.7	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 8000	31.0	64.9	72.5	78.1	79.8	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 7000	31.3	66.1	73.7	79.2	81.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 6000	31.5	66.3	74.1	79.7	81.4	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 5000	32.0	67.1	74.8	80.4	82.2	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4500	32.3	67.4	75.2	80.8	82.5	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4000	32.4	67.6	75.5	81.2	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3500	32.5	68.0	75.8	81.5	83.2	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3000	32.6	68.3	76.1	81.9	83.8	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2500	33.2	69.4	77.2	83.0	84.8	85.2	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2000	33.4	71.0	79.0	85.1	87.1	87.4	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1800	33.5	71.3	79.4	85.4	87.4	87.7	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1500	34.4	73.3	81.8	88.1	90.1	90.4	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	34.8	74.6	83.9	90.8	92.9	93.2	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1000	35.8	76.2	85.5	92.8	94.9	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	36.0	76.9	86.2	93.7	95.8	96.1	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	36.1	77.1	86.9	94.4	96.6	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7
≥ 700	36.3	77.6	87.5	95.3	97.4	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 600	36.3	77.8	87.7	95.6	98.0	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 500	36.3	78.0	87.8	95.9	98.3	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 400	36.3	78.0	87.8	95.9	98.3	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	36.3	78.0	87.8	95.9	98.3	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	36.3	78.0	87.8	95.9	98.3	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	36.3	78.0	87.8	95.9	98.3	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	36.3	78.0	87.8	95.9	98.3	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.7	56.6	61.0	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 20000	37.3	61.9	67.2	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 18000	37.3	61.9	67.2	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 16900	37.3	61.9	67.2	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 14000	38.1	63.2	68.5	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 12000	39.1	65.3	70.5	74.4	74.7	74.7	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 10000	41.7	70.9	76.3	80.3	80.6	80.6	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 9000	41.8	71.1	76.6	80.5	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 8000	42.2	74.3	80.0	84.1	84.4	84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 7000	42.4	74.9	80.6	84.7	85.1	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 6000	42.8	75.5	81.3	85.4	85.7	85.7	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 5000	43.0	76.3	82.2	86.3	86.7	86.7	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 4500	43.1	76.9	82.7	86.9	87.2	87.2	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 4000	43.8	78.7	84.7	89.0	89.4	89.4	89.5	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3500	44.4	80.3	86.5	90.9	91.2	91.2	91.3	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3000	45.2	82.0	88.4	92.9	93.5	93.5	93.8	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2500	45.8	83.2	89.9	94.5	95.2	95.2	95.4	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000	46.0	84.1	90.8	95.4	96.0	96.0	96.2	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	46.0	84.4	91.2	96.0	96.7	96.7	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1500	46.2	84.9	91.8	96.7	97.4	97.4	97.6	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	46.8	85.6	92.5	97.4	98.2	98.2	98.4	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	47.0	86.0	92.9	97.8	98.7	98.7	98.9	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	47.0	86.0	92.9	97.8	98.8	98.8	99.0	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	47.0	86.0	92.9	98.0	99.0	99.0	99.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	47.0	86.0	93.0	98.1	99.1	99.1	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	47.0	86.0	93.0	98.1	99.1	99.1	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	47.0	86.0	93.0	98.1	99.1	99.1	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	47.0	86.0	93.0	98.1	99.1	99.1	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	47.0	86.0	93.0	98.1	99.1	99.1	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	47.0	86.0	93.0	98.1	99.1	99.1	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	47.0	86.0	93.0	98.1	99.1	99.1	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	47.0	86.0	93.0	98.1	99.1	99.1	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (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	34.4	51.2	56.0	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 20000	36.7	58.4	64.0	66.6	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 18000	36.7	58.4	64.0	66.6	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 16000	36.7	58.4	64.0	66.6	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 14000	37.2	59.6	65.3	68.0	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 12000	38.3	62.5	68.2	71.0	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 10000	41.9	68.4	74.4	77.6	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 9000	42.3	69.0	75.2	78.4	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 8000	43.2	71.7	78.1	81.9	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 7000	43.5	72.2	78.6	82.7	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 6000	44.2	73.4	79.9	84.0	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 5000	44.8	74.7	81.2	85.4	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4500	45.1	75.6	82.0	86.3	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4000	45.7	77.6	84.5	89.1	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3500	46.3	79.1	86.5	91.5	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3000	46.8	80.1	87.6	93.0	94.6	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500	47.1	81.2	88.7	94.2	95.8	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2000	47.2	81.5	89.0	94.7	96.5	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2
≥ 1800	47.2	81.5	89.0	94.8	96.6	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3
≥ 1500	47.2	81.7	89.4	95.2	96.9	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6
≥ 1200	47.3	81.9	89.6	95.4	97.2	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2
≥ 1000	47.4	82.2	89.8	95.8	97.7	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8
≥ 900	47.4	82.2	89.8	95.8	98.0	98.4	98.7	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
≥ 800	47.4	82.2	89.8	95.8	98.0	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.4	99.4	99.4
≥ 700	47.5	82.4	90.0	96.0	98.2	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6
≥ 600	47.6	82.5	90.1	96.1	98.3	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
≥ 500	47.6	82.5	90.1	96.1	98.3	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
≥ 400	47.6	82.6	90.2	96.2	98.4	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8
≥ 300	47.6	82.6	90.2	96.3	98.5	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 200	47.6	82.6	90.2	96.3	98.5	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 100	47.6	82.6	90.2	96.3	98.5	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0
≥ 0	47.6	82.6	90.2	96.3	98.5	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JUL (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	≥1	≥¾	≥½	≥	≥5/16	≥¼	0
NO CEILING	31.2	48.4	52.4	54.3	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 20000	33.9	55.3	60.5	63.3	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 18000	33.9	55.3	60.5	63.3	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 6000	33.9	55.3	60.5	63.3	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 14000	34.4	56.1	61.2	64.4	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 12000	36.2	59.6	65.3	68.5	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 10000	40.2	67.8	74.3	78.0	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 9000	40.4	68.2	74.8	78.6	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 8000	42.3	72.6	79.7	83.6	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 7000	42.7	73.2	80.4	84.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 6000	43.1	73.7	80.9	84.9	87.0	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 5000	43.4	74.8	82.0	86.1	88.2	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4500	43.5	75.1	82.3	86.5	88.6	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4000	44.2	77.2	84.8	89.1	91.4	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3500	44.7	77.8	85.6	89.9	92.1	92.5	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3000	45.1	78.7	86.4	90.9	93.2	93.6	93.9	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2500	45.3	79.0	87.0	91.7	94.1	94.5	94.8	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2000	45.4	79.3	87.3	92.1	94.7	95.2	95.5	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	45.4	79.4	87.4	92.2	94.8	95.3	95.6	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500	45.6	80.2	88.2	93.0	95.7	96.1	96.4	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	45.9	80.6	88.8	93.6	96.3	96.9	97.2	97.5	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0
> 0K	46.1	81.3	89.6	94.5	97.3	97.8	98.2	98.5	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	46.1	81.3	89.6	94.5	97.3	97.8	98.2	98.5	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	46.1	81.3	89.6	94.5	97.3	97.8	98.3	98.6	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	46.1	81.3	89.6	94.5	97.3	97.8	98.3	98.6	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	46.1	81.3	89.7	94.7	97.5	98.1	98.5	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	46.3	81.6	90.0	95.0	97.8	98.4	98.8	99.1	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	46.3	81.7	90.1	95.2	98.0	98.6	99.0	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	46.3	81.8	90.2	95.4	98.2	98.8	99.2	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	46.3	81.8	90.2	95.4	98.2	98.8	99.2	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	46.3	81.8	90.2	95.4	98.2	98.8	99.2	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
= 0	46.3	81.8	90.2	95.4	98.2	98.8	99.2	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	39.8	59.3	61.4	61.6	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 20000	41.4	64.3	67.3	67.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 18000	41.4	64.3	67.3	67.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 16000	41.4	64.3	67.3	67.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 14000	41.6	64.7	67.9	68.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 12000	43.1	67.5	70.7	71.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 10000	46.6	74.6	78.8	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 9000	47.1	75.1	79.5	80.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 8000	49.4	79.2	84.0	85.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 7000	49.9	80.2	84.9	86.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 6000	50.4	80.8	85.6	87.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 5000	50.7	81.4	86.3	87.8	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4500	50.9	81.8	86.8	88.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4000	51.7	83.1	88.4	89.9	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3500	51.8	83.3	88.8	90.3	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000	52.2	84.0	89.8	91.3	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2500	52.4	84.5	90.7	92.2	94.0	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	52.4	84.7	91.2	92.7	94.4	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1800	52.4	84.7	91.2	92.7	94.4	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1500	52.6	85.0	91.5	93.0	94.7	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200	52.7	85.5	91.9	93.4	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	52.7	85.9	92.6	94.2	95.9	96.0	96.0	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900	52.7	86.0	92.7	94.3	96.0	96.1	96.1	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	53.1	86.4	93.1	94.7	96.6	96.7	96.7	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 700	53.1	86.5	93.2	94.9	96.8	96.9	96.9	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	53.2	86.8	93.4	95.4	97.2	97.3	97.3	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500	53.5	87.4	94.1	96.3	98.3	98.4	98.4	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	53.6	87.7	94.5	96.8	98.7	98.8	98.9	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	53.6	87.8	94.7	97.1	99.4	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	53.6	87.8	94.7	97.1	99.4	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
> 100	53.6	87.8	94.8	97.2	99.5	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	53.6	87.8	94.8	97.2	99.5	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JUL (MONTH)

ALL (HOURS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	31.9	51.8	56.6	59.9	61.5	61.8	62.1	62.3	62.3	62.4	62.5	62.5	62.5	62.5	62.6	62.6
≥ 20000	33.5	56.4	.2	66.1	67.9	68.4	68.6	68.8	68.9	68.9	69.1	69.1	69.1	69.1	69.2	69.2
≥ 18000	33.5	56.4	62.2	66.1	67.9	68.4	68.6	68.9	68.9	69.0	69.1	69.1	69.1	69.1	69.2	69.2
≥ 16000	33.5	56.4	62.2	66.1	67.9	68.4	68.6	68.9	68.9	69.0	69.1	69.1	69.1	69.1	69.2	69.2
≥ 14000	34.1	57.5	63.4	67.3	69.2	69.7	69.9	70.2	70.2	70.2	70.4	70.4	70.4	70.4	70.5	70.5
≥ 12000	35.2	59.5	65.6	69.6	71.6	72.0	72.3	72.5	72.6	72.6	72.7	72.7	72.8	72.8	72.8	72.9
≥ 10000	38.0	65.1	71.7	76.0	78.2	78.7	79.0	79.2	79.3	79.3	79.4	79.4	79.5	79.5	79.5	79.5
≥ 9000	38.2	65.6	72.2	76.6	78.7	79.2	79.5	79.7	79.8	79.8	80.0	80.0	80.0	80.0	80.1	80.1
≥ 8000	39.2	68.3	75.2	79.9	82.1	82.7	83.0	83.2	83.3	83.3	83.4	83.4	83.5	83.5	83.5	83.6
≥ 7000	39.4	68.9	76.0	80.6	83.0	83.5	83.8	84.1	84.1	84.2	84.3	84.3	84.3	84.4	84.4	84.4
≥ 6000	39.8	69.5	76.7	81.3	83.7	84.2	84.5	84.8	84.9	84.9	85.0	85.0	85.1	85.1	85.1	85.2
≥ 5000	40.2	70.4	77.6	82.3	84.7	85.3	85.6	85.8	85.9	86.0	86.1	86.1	86.1	86.1	86.2	86.2
≥ 4500	40.3	70.7	78.0	82.8	85.2	85.7	86.0	86.3	86.4	86.4	86.5	86.5	86.6	86.6	86.6	86.7
≥ 4000	40.7	71.7	79.2	84.1	86.6	87.1	87.5	87.8	87.8	87.9	88.0	88.0	88.1	88.1	88.1	88.2
≥ 3500	41.0	72.3	79.9	84.9	87.5	88.0	88.4	88.7	88.8	88.8	88.9	88.9	89.0	89.0	89.0	89.1
≥ 3000	41.3	73.1	80.8	85.9	88.6	89.2	89.6	90.0	90.1	90.1	90.2	90.2	90.3	90.3	90.3	90.4
≥ 2500	41.6	73.8	81.7	87.0	89.7	90.3	90.7	91.1	91.2	91.3	91.4	91.4	91.4	91.4	91.5	91.5
≥ 2000	41.7	74.3	82.3	87.7	90.5	91.1	91.6	91.9	92.0	92.1	92.2	92.2	92.3	92.3	92.4	92.4
≥ 1800	41.7	74.4	82.5	87.9	90.8	91.4	91.8	92.2	92.2	92.4	92.5	92.5	92.5	92.5	92.6	92.6
≥ 1500	42.0	75.1	83.2	88.7	91.6	92.2	92.6	93.0	93.1	93.2	93.3	93.3	93.4	93.4	93.4	93.5
≥ 1200	42.2	75.6	83.9	89.0	92.5	93.1	93.6	94.0	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.5
≥ 1000	42.5	76.2	84.5	90.3	93.4	94.0	94.4	94.8	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.4
900	42.5	76.3	84.7	90.5	93.6	94.2	94.7	95.1	95.2	95.3	95.5	95.5	95.6	95.6	95.6	95.7
≥ 800	42.6	76.4	84.9	90.8	94.0	94.6	95.2	95.6	95.7	95.9	96.0	96.0	96.1	96.1	96.2	96.2
≥ 700	42.7	76.7	85.2	91.2	94.4	95.1	95.7	96.1	96.2	96.3	96.5	96.5	96.6	96.6	96.6	96.7
≥ 600	42.8	76.8	85.4	91.5	94.8	95.5	96.1	96.6	96.7	96.8	97.0	97.0	97.1	97.1	97.1	97.2
≥ 500	43.0	77.2	85.7	92.0	95.4	96.2	96.9	97.3	97.4	97.6	97.8	97.8	97.9	97.9	98.0	98.0
≥ 400	43.0	77.3	85.9	92.3	95.9	96.8	97.6	98.1	98.2	98.4	98.6	98.6	98.7	98.7	98.7	98.8
≥ 300	43.0	77.3	86.0	92.5	96.2	97.2	98.0	98.6	98.7	98.9	99.1	99.1	99.3	99.3	99.3	99.4
≥ 200	43.0	77.3	86.0	92.5	96.3	97.3	98.1	98.7	98.8	99.1	99.3	99.4	99.5	99.6	99.6	99.7
≥ 100	43.0	77.3	86.0	92.5	96.3	97.3	98.2	98.8	98.9	99.1	99.4	99.4	99.6	99.7	99.8	99.9
≥ 0	43.0	77.3	86.0	92.5	96.3	97.3	98.2	98.8	98.9	99.1	99.4	99.4	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7438

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	43.8	63.2	68.5	69.8	69.9	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 20000	45.4	66.2	71.8	73.4	73.7	74.1	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4
≥ 18000	45.4	66.2	71.8	73.4	73.7	74.1	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4
≥ 16000	45.4	66.2	71.8	73.4	73.7	74.1	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4
≥ 14000	45.5	66.5	72.0	73.9	74.1	74.5	74.6	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8
≥ 12000	46.8	68.4	74.1	75.9	76.1	76.6	76.7	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9
≥ 10000	48.9	71.9	77.6	79.8	80.0	80.5	80.6	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9
≥ 9000	48.9	71.9	77.6	79.8	80.0	80.5	80.6	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9
≥ 8000	50.8	74.4	80.4	82.7	83.0	83.5	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9
≥ 7000	51.0	74.8	81.1	83.4	84.0	84.5	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8
≥ 6000	51.9	75.8	82.2	84.5	85.1	85.6	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9
≥ 5000	52.5	76.6	82.9	85.3	85.8	86.3	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4500	52.6	77.0	83.4	85.8	86.5	87.2	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5
> 4000	53.2	77.6	84.2	86.6	87.2	88.0	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3500	53.3	77.7	84.3	86.7	87.3	88.1	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3000	53.5	79.0	85.8	88.4	89.1	89.9	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2500	53.8	79.6	86.3	88.9	89.9	90.6	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2000	54.1	79.9	86.8	89.4	90.3	91.1	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5
> 1800	54.2	80.1	87.0	89.6	90.5	91.3	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1500	54.2	80.1	87.0	89.6	90.8	91.5	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1200	54.2	80.4	87.4	90.0	91.2	91.9	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1000	54.4	81.0	88.1	91.1	92.3	93.0	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5
≥ 900	54.4	81.1	88.4	91.4	92.7	93.4	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 800	54.4	81.4	88.8	92.3	93.5	94.3	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 700	54.4	81.5	88.9	92.5	93.8	94.5	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	54.5	81.8	89.2	92.9	94.4	95.4	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	54.5	82.0	89.5	93.3	95.3	96.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	54.6	82.3	89.8	93.7	95.7	96.9	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	54.6	82.3	90.0	94.2	96.5	97.7	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	54.6	82.3	90.1	94.3	96.6	97.8	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	54.6	82.3	90.1	94.3	96.6	97.8	98.9	99.5	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 0	54.6	82.3	90.1	94.3	96.6	97.8	98.9	99.5	99.5	99.6	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.6	51.2	59.0	61.9	63.4	64.1	64.4	64.8	64.8	64.9	65.1	65.2	65.4	65.4	65.4	65.5
> 20000	31.9	52.0	60.8	64.1	65.9	66.6	66.9	67.3	67.3	67.4	67.6	67.7	68.0	68.0	68.0	68.2
≥ 18000	31.9	52.0	60.8	64.1	65.9	66.6	66.9	67.3	67.3	67.4	67.6	67.7	68.0	68.0	68.0	68.2
≥ 16000	31.9	52.0	60.8	64.1	65.9	66.6	66.9	67.3	67.3	67.4	67.6	67.7	68.0	68.0	68.0	68.2
≥ 14000	32.5	52.6	61.3	64.6	66.5	67.1	67.4	67.8	67.8	68.0	68.2	68.3	68.5	68.5	68.5	68.7
≥ 12000	33.2	53.5	62.5	65.9	67.7	68.4	68.7	69.1	69.1	69.2	69.5	69.6	69.8	69.8	69.8	70.0
≥ 10000	34.5	56.8	66.2	70.0	72.0	72.8	73.2	73.7	73.7	73.8	74.0	74.1	74.3	74.3	74.3	74.5
≥ 9000	34.5	56.8	66.2	70.0	72.0	72.8	73.2	73.7	73.7	73.8	74.0	74.1	74.3	74.3	74.3	74.5
≥ 8000	35.8	58.7	68.3	72.2	74.2	74.9	75.4	75.8	75.8	75.9	76.1	76.2	76.5	76.5	76.5	76.7
≥ 7000	36.0	58.9	68.7	72.6	74.7	75.5	75.9	76.3	76.3	76.5	76.7	76.8	77.0	77.0	77.0	77.2
≥ 6000	36.5	59.8	69.6	73.5	75.7	76.5	76.9	77.3	77.3	77.4	77.6	77.7	78.0	78.0	78.0	78.2
≥ 5000	37.0	60.5	70.5	74.5	76.7	77.4	77.8	78.3	78.3	78.4	78.6	78.7	78.9	78.9	78.9	79.1
≥ 4500	37.2	60.9	71.0	74.9	77.1	77.8	78.3	78.7	78.7	78.8	79.0	79.1	79.4	79.4	79.4	79.6
≥ 4000	37.4	61.2	71.4	75.4	77.5	78.3	78.7	79.1	79.1	79.2	79.5	79.6	79.8	79.8	79.8	80.0
≥ 3500	37.6	61.6	71.8	75.8	78.0	78.7	79.1	79.6	79.6	79.7	79.9	80.0	80.2	80.2	80.2	80.4
≥ 3000	38.0	62.0	72.9	77.1	79.5	80.2	80.6	81.1	81.1	81.2	81.4	81.5	81.7	81.7	81.7	81.9
≥ 2500	38.0	62.4	73.2	77.4	79.8	80.5	81.0	81.4	81.4	81.5	81.7	81.8	82.0	82.0	82.0	82.3
≥ 2000	38.0	62.4	73.2	77.5	79.9	80.6	81.3	81.7	81.7	81.8	82.0	82.2	82.4	82.4	82.4	82.6
≥ 1800	38.0	62.4	73.2	77.5	80.0	80.8	81.5	81.9	81.9	82.0	82.3	82.4	82.6	82.6	82.6	82.8
≥ 1500	38.0	62.5	73.5	78.0	80.4	81.2	82.0	82.5	82.5	82.6	82.9	83.0	83.2	83.2	83.2	83.4
≤ 1200	38.1	62.8	73.9	78.3	80.9	81.6	82.5	82.9	82.9	83.0	83.3	83.4	83.7	83.7	83.7	83.9
≥ 1000	38.2	63.0	74.2	78.7	81.4	82.4	83.2	83.7	83.7	83.8	84.1	84.2	84.4	84.4	84.4	84.6
≥ 900	38.2	63.0	74.2	78.7	81.4	82.4	83.2	83.7	83.7	83.8	84.1	84.2	84.4	84.4	84.4	84.6
≥ 800	38.3	63.1	74.3	78.9	81.7	82.7	83.7	84.1	84.1	84.2	84.5	84.6	84.8	84.8	84.8	85.1
≥ 700	38.7	64.3	75.5	80.4	83.4	84.4	85.5	85.9	85.9	86.0	86.5	86.6	86.8	86.8	86.8	87.0
≥ 600	38.7	64.8	76.1	81.6	85.4	86.3	87.4	87.8	87.8	88.0	88.4	88.5	88.7	88.7	88.7	88.9
≥ 500	38.7	64.8	76.2	81.8	86.2	87.3	88.6	89.2	89.2	89.4	89.8	89.9	90.1	90.1	90.1	90.3
≥ 400	38.7	64.9	76.6	82.4	87.2	88.4	90.1	91.0	91.0	91.2	91.6	91.7	91.9	91.9	91.9	92.2
≥ 300	38.7	65.1	76.9	82.9	88.2	89.5	91.5	92.6	92.6	92.8	93.3	93.4	93.7	93.8	94.0	94.2
≥ 200	38.7	65.1	76.9	82.9	88.7	90.2	92.8	94.0	94.0	94.4	95.2	95.3	95.7	95.9	96.2	96.9
≥ 100	38.7	65.1	76.9	82.9	88.7	90.2	92.9	94.1	94.1	94.8	95.8	95.9	96.6	96.8	97.3	99.0
≥ 0	38.7	65.1	76.9	82.9	88.7	90.2	92.9	94.1	94.1	94.8	95.8	95.9	96.6	96.8	97.5	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS L S T)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1 7/8	≥1 3/4	≥1 1/2	≥1	≥7/8	≥3/4	≥5/8	≥1/2	≥5/16	≥0
NO CEILING	10.8	28.0	35.3	42.7	48.4	50.3	52.0	53.3	53.8	54.8	55.4	55.4	55.6	55.7	56.2	56.6
≥ 20000	11.0	29.0	37.1	45.2	51.4	53.4	55.2	56.5	56.9	58.3	58.9	58.9	59.5	59.6	60.4	61.0
≥ 18000	11.0	29.2	37.3	45.4	51.6	53.7	55.4	56.8	57.2	58.6	59.2	59.2	59.8	59.9	60.8	61.3
≥ 16000	11.0	29.2	37.3	45.4	51.6	53.7	55.4	56.8	57.2	58.6	59.2	59.2	59.8	59.9	60.8	61.3
≥ 14000	11.0	29.4	37.4	45.5	51.8	54.0	55.7	57.1	57.5	58.9	59.6	59.6	60.1	60.2	61.1	61.6
≥ 12000	11.8	30.5	38.7	46.9	53.7	55.8	57.5	58.9	59.4	60.8	61.4	61.4	61.9	62.0	62.9	63.4
≥ 10000	12.3	32.0	41.1	49.5	56.7	58.9	61.1	62.6	63.0	64.5	65.2	65.2	65.8	65.9	66.9	67.4
≥ 9000	12.3	32.4	41.4	49.8	57.0	59.2	61.4	62.9	63.3	64.8	65.5	65.5	66.1	66.2	67.2	67.7
≥ 8000	12.5	33.0	42.9	51.6	58.9	61.3	63.7	65.2	65.6	67.2	68.0	68.0	68.6	68.7	69.7	70.3
≥ 7000	12.9	34.0	44.0	52.8	60.1	62.5	64.8	66.6	67.0	68.6	69.4	69.4	70.0	70.1	71.1	71.7
≥ 6000	13.5	35.2	45.3	54.1	61.5	64.0	66.3	68.1	68.5	70.1	70.9	70.9	71.5	71.6	72.6	73.2
≥ 5000	13.9	35.6	45.9	54.8	62.4	64.8	67.3	69.2	69.7	71.3	72.0	72.0	72.7	72.8	73.8	74.4
≥ 4500	13.9	35.6	45.9	54.9	62.5	64.9	67.4	69.4	69.8	71.4	72.2	72.2	72.8	72.9	73.9	74.5
≥ 4000	14.1	35.9	46.3	55.5	63.2	65.7	68.2	70.1	70.5	72.2	72.9	72.9	73.5	73.7	74.6	75.3
≥ 3500	14.1	35.9	46.3	55.9	63.8	66.2	68.7	70.6	71.1	72.7	73.4	73.4	74.1	74.2	75.2	75.8
≥ 3000	14.1	36.0	46.6	56.2	64.1	66.6	69.0	71.1	71.5	73.1	73.9	73.9	74.5	74.6	75.6	76.2
≥ 2500	14.4	36.3	47.1	56.9	64.7	67.3	69.8	71.8	72.3	73.9	74.6	74.6	75.3	75.4	76.3	77.0
≥ 2000	14.5	36.7	47.8	57.6	65.6	68.3	70.9	72.9	73.3	74.9	75.7	75.7	76.3	76.5	77.4	78.1
≥ 1800	14.5	36.7	47.8	57.7	65.7	68.4	71.0	73.0	73.4	75.1	75.8	75.8	76.5	76.6	77.5	78.2
≥ 1500	14.5	36.8	48.2	58.1	66.0	68.7	71.4	73.4	73.9	75.5	76.2	76.2	76.9	77.0	78.0	78.6
≥ 1200	14.5	37.0	48.6	58.6	67.0	69.7	72.5	74.5	74.9	76.6	77.3	77.3	78.1	78.2	79.1	79.8
≥ 1000	14.5	37.2	48.9	59.0	67.6	70.3	73.1	75.2	75.6	77.2	78.0	78.0	78.7	78.8	79.8	80.4
≥ 900	14.5	37.3	49.0	59.1	67.7	70.4	73.2	75.3	75.7	77.3	78.1	78.1	78.8	78.9	79.9	80.5
≥ 800	14.6	37.4	49.4	59.8	68.7	71.4	74.2	76.2	76.8	78.4	79.1	79.1	79.9	80.0	81.0	81.6
≥ 700	14.7	38.0	50.3	61.0	70.0	72.9	75.8	77.8	78.4	80.0	80.8	80.8	81.5	81.6	82.6	83.2
≥ 600	14.7	38.1	50.6	61.7	71.2	74.3	77.4	79.8	80.3	81.9	82.7	82.7	83.4	83.5	84.5	85.2
≥ 500	14.7	38.2	51.1	62.5	72.9	76.3	80.3	83.3	84.0	85.6	86.3	86.3	87.1	87.2	88.2	88.8
≥ 400	14.7	38.4	51.5	63.0	73.5	77.3	81.6	85.1	85.9	87.8	88.7	88.7	89.5	89.6	90.6	91.3
≥ 300	14.7	38.4	51.5	63.1	74.0	78.2	83.1	87.1	88.1	90.4	91.6	91.6	92.5	92.7	93.8	94.4
≥ 200	14.7	38.4	51.5	63.2	74.1	78.3	83.4	87.8	88.9	91.4	93.0	93.0	94.4	94.8	96.0	97.3
≥ 100	14.7	38.4	51.5	63.2	74.1	78.3	83.4	88.0	89.0	91.5	93.1	93.1	94.8	95.3	96.9	99.6
≥ 0	14.7	38.4	51.5	63.2	74.1	78.3	83.4	88.0	89.0	91.5	93.1	93.1	94.8	95.3	96.9	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	27.3	51.0	55.8	57.5	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 20000	28.5	54.4	59.5	61.2	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 18000	28.5	54.4	59.5	61.2	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 16000	28.5	54.4	59.5	61.2	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 14000	28.5	55.2	60.2	61.9	63.5	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 12000	30.0	58.0	63.3	65.3	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 10000	32.6	62.7	68.4	70.8	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 9000	32.6	62.8	68.5	70.9	72.7	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 8000	33.0	64.9	70.8	73.1	74.9	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 7000	33.4	65.7	71.5	74.1	75.9	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 6000	33.7	65.9	71.7	74.3	76.1	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 5000	34.0	66.6	72.5	75.1	76.9	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4500	34.0	66.6	72.5	75.1	76.9	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4000	34.5	67.5	73.7	76.2	78.1	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3500	34.7	67.8	74.0	76.6	78.4	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3000	34.9	69.4	75.5	78.3	80.1	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 2500	35.1	70.0	76.5	79.2	81.1	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 2000	35.3	71.0	77.6	80.5	82.5	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1800	35.3	71.5	78.5	81.5	83.4	83.5	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 1500	35.7	73.2	80.6	84.0	86.0	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1200	35.8	74.4	82.3	85.8	88.1	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1000	36.0	75.5	84.0	88.1	90.8	91.1	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 900	36.1	75.8	84.3	88.5	91.4	91.9	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 800	36.3	76.5	85.2	90.0	93.0	93.7	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 700	36.3	76.9	85.8	90.8	94.0	94.6	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	36.3	77.5	86.6	91.5	95.3	96.1	96.6	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	36.3	77.7	87.0	92.4	96.6	97.5	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	36.3	77.7	87.0	92.6	96.8	97.8	98.7	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	36.3	77.7	87.0	92.6	96.8	97.8	98.7	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	36.3	77.7	87.0	92.6	96.8	97.8	98.8	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
> 100	36.3	77.7	87.0	92.6	96.8	97.8	98.8	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	36.3	77.7	87.0	92.6	96.8	97.8	98.8	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS IN G.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	38.3	60.1	61.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 20000	41.0	66.3	67.8	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
≥ 18000	41.0	66.3	67.8	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
≥ 16000	41.0	66.3	67.8	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
≥ 14000	41.4	67.2	68.7	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
≥ 12000	43.0	70.2	71.9	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 10000	45.1	74.6	77.2	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 9000	45.1	74.7	77.3	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 8000	46.0	77.7	80.4	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 7000	46.3	78.4	81.2	82.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 6000	46.5	78.7	81.5	83.0	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 5000	46.7	79.0	81.8	83.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4500	46.7	79.1	82.0	83.5	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 4000	47.5	81.0	83.9	85.5	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3500	48.0	82.0	84.9	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3000	48.6	83.7	86.8	88.5	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2500	49.0	85.4	88.7	90.4	91.1	[illegible]	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000	49.4	87.6	91.2	93.0	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1800	49.4	88.2	91.7	93.5	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1500	49.6	89.1	93.0	95.1	95.8	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	49.8	90.3	94.3	96.3	97.1	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	49.8	90.5	94.6	96.8	97.7	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	49.8	90.6	94.8	97.0	98.0	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	49.8	90.8	94.9	97.1	98.2	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	49.8	90.8	94.9	97.1	98.4	98.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	49.8	90.8	95.1	97.3	98.6	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	49.8	90.8	95.2	97.5	98.9	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	49.8	90.8	95.2	97.5	98.9	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	49.8	90.8	95.2	97.5	98.9	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	49.8	90.8	95.2	97.5	98.9	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	49.8	90.8	95.2	97.5	98.9	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	49.8	90.8	95.2	97.5	98.9	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.0	57.7	59.4	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 20000	42.6	65.6	67.5	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 18000	42.6	65.6	67.5	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 16000	42.6	65.6	67.5	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 14000	42.7	66.1	68.1	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 12000	44.3	68.9	71.1	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 10000	48.0	75.1	78.1	79.4	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 9000	48.1	75.3	78.3	79.6	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 8000	48.7	77.6	81.0	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 7000	49.0	78.7	82.2	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 6000	49.2	79.0	82.6	84.3	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 5000	49.5	79.6	83.2	85.1	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 4500	49.6	79.7	83.7	85.6	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 4000	49.9	81.6	85.9	88.3	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 3500	50.3	82.8	87.3	89.7	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3000	50.9	84.1	88.9	91.8	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2500	51.3	85.2	90.0	93.1	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2000	51.4	85.8	90.9	94.2	95.8	96.1	96.1	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800	51.4	86.5	91.5	94.8	96.5	96.8	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1500	51.4	86.7	91.7	95.2	96.9	97.2	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	51.4	86.8	91.8	95.4	97.2	97.5	97.7	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	51.4	87.0	92.2	95.7	97.5	97.8	98.1	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	51.5	87.1	92.3	95.8	97.6	98.0	98.2	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	51.5	87.2	92.4	95.9	98.0	98.3	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.4	99.4
≥ 700	51.5	87.2	92.4	96.0	98.1	98.4	98.6	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.5	99.5
≥ 600	51.5	87.2	92.4	96.0	98.1	98.4	98.6	99.0	99.0	99.4	99.6	99.6	99.6	99.6	99.7	99.7
≥ 500	51.5	87.3	92.5	96.1	98.2	98.6	98.8	99.4	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	51.5	87.3	92.5	96.1	98.2	98.6	98.8	99.4	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	51.5	87.3	92.5	96.1	98.2	98.6	98.8	99.4	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	51.5	87.3	92.5	96.1	98.2	98.6	98.8	99.4	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	51.5	87.3	92.5	96.1	98.2	98.6	98.8	99.4	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	51.5	87.3	92.5	96.1	98.2	98.6	98.8	99.4	99.4	99.7	99.9	99.9	99.9	99.9	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	≥1¼	≥1	≥⅞	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	36.6	54.0	56.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 20000	40.1	60.4	63.9	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 18000	40.5	60.9	64.3	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 16000	40.5	60.9	64.3	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 14000	40.9	61.4	64.8	66.3	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 12000	42.5	64.5	68.3	70.1	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 10000	47.1	73.1	77.6	79.8	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 9000	47.7	74.2	78.7	80.9	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 8000	49.8	77.0	81.9	84.6	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 7000	50.4	78.2	83.3	86.3	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 6000	50.9	78.9	84.2	87.2	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 5000	51.2	79.8	85.2	88.2	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 4500	51.4	80.3	85.7	88.8	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4000	51.8	81.6	87.0	90.3	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3500	52.5	82.8	88.4	91.8	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3000	53.0	83.9	90.0	93.4	94.5	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2500	53.0	84.2	90.5	94.1	95.2	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000	53.0	84.4	90.9	94.4	95.5	95.7	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	53.1	84.5	91.0	94.5	95.6	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500	53.1	84.9	91.5	95.1	96.3	96.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	53.1	85.2	91.7	95.3	96.7	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	53.1	85.3	91.8	95.6	97.1	97.3	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	53.1	85.3	91.9	95.7	97.2	97.4	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	53.1	85.3	91.9	95.7	97.2	97.4	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	53.1	85.4	92.2	95.9	97.4	97.6	98.8	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	53.1	85.5	92.3	96.0	97.5	97.8	99.0	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
> 500	53.2	85.6	92.4	96.2	97.7	98.1	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	53.2	85.6	92.4	96.3	97.8	98.2	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	53.2	85.6	92.4	96.3	97.8	98.2	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	53.2	85.6	92.4	96.3	97.8	98.2	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	53.2	85.6	92.4	96.3	97.8	98.2	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	53.2	85.6	92.4	96.3	97.8	98.2	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	46.1	63.3	65.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≤ 20000	47.8	67.1	70.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 18000	48.0	67.3	70.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 16000	48.0	67.3	70.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 14000	48.4	68.0	70.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 12000	50.4	70.2	73.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 10000	53.1	75.9	79.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 9000	53.7	76.6	80.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 8000	56.0	80.0	83.5	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 7000	56.2	81.0	84.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 6000	57.6	82.5	86.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 5000	58.1	82.9	86.6	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4500	58.3	83.1	87.1	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4000	58.9	84.7	88.8	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3500	59.2	85.5	89.7	91.2	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3000	59.8	86.8	91.5	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2500	60.0	87.5	92.3	93.9	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	60.0	88.0	92.7	94.3	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1800	60.0	88.2	92.9	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1500	60.0	88.3	93.1	94.7	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1200	60.0	88.6	93.5	95.2	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	60.0	88.8	94.0	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 900	60.0	88.9	94.1	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	60.0	89.1	94.4	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	60.1	89.4	94.7	96.5	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 600	60.4	89.8	95.2	97.2	97.6	97.6	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	60.6	90.1	95.5	97.6	98.1	98.1	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	60.6	90.2	96.0	98.2	98.8	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	60.6	90.2	96.2	98.4	99.0	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	60.6	90.2	96.2	98.4	99.0	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	60.6	90.2	96.2	98.4	99.0	99.1	9.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	60.6	90.2	96.2	98.4	99.0	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) AUG (MONTH)

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥5/16	≥¼	≥0
NO CEILING	34.2	53.6	57.7	59.9	61.0	61.4	61.7	61.9	61.9	62.1	62.2	62.2	62.2	62.3	62.3	62.4
≥ 20000	36.0	57.6	62.3	64.7	66.0	66.4	66.7	66.9	67.0	67.2	67.3	67.3	67.4	67.4	67.5	67.6
≥ 18000	36.1	57.8	62.4	64.9	66.2	66.5	66.8	67.1	67.1	67.3	67.4	67.4	67.5	67.6	67.7	67.8
≥ 16000	36.1	57.8	62.4	64.9	66.2	66.5	66.8	67.1	67.1	67.3	67.4	67.4	67.5	67.6	67.7	67.8
≥ 14000	36.3	58.3	62.9	65.4	66.7	67.2	67.4	67.7	67.7	67.9	68.1	68.1	68.2	68.2	68.3	68.4
≥ 12000	37.8	60.5	65.4	68.0	69.4	69.8	70.1	70.3	70.4	70.6	70.7	70.7	70.8	70.8	70.9	71.0
≥ 10000	40.2	65.3	70.7	73.6	75.2	75.6	76.0	76.3	76.3	76.5	76.6	76.6	76.7	76.8	76.9	77.0
≥ 9000	40.3	65.6	71.0	73.9	75.5	76.0	76.3	76.6	76.6	76.8	76.9	77.0	77.1	77.1	77.2	77.3
≥ 8000	41.6	67.9	73.7	76.7	78.4	78.9	79.2	79.5	79.6	79.8	79.9	79.9	80.0	80.1	80.2	80.3
≥ 7000	41.9	68.7	74.6	77.7	79.5	79.9	80.3	80.6	80.7	80.9	81.0	81.0	81.1	81.2	81.3	81.4
≥ 6000	42.5	69.5	75.4	78.6	80.3	80.8	81.2	81.5	81.5	81.8	81.9	81.9	82.0	82.0	82.2	82.3
≥ 5000	42.8	70.1	76.1	79.3	81.1	81.6	81.9	82.3	82.3	82.5	82.7	82.7	82.8	82.8	82.9	83.0
≥ 4500	42.9	70.3	76.4	79.7	81.5	82.0	82.4	82.7	82.8	83.0	83.1	83.1	83.2	83.3	83.4	83.5
≥ 4000	43.4	71.4	77.6	81.0	82.8	83.4	83.8	84.1	84.2	84.4	84.5	84.6	84.7	84.7	84.8	84.9
≥ 3500	43.7	72.0	78.3	81.8	83.7	84.2	84.7	85.0	85.0	85.3	85.4	85.4	85.5	85.5	85.6	85.8
≥ 3000	44.1	73.1	79.7	83.4	85.3	85.9	86.4	86.7	86.8	87.0	87.1	87.1	87.2	87.3	87.4	87.5
≥ 2500	44.3	73.8	80.6	84.2	86.3	86.9	87.3	87.7	87.7	87.9	88.1	88.1	88.2	88.2	88.3	88.4
≥ 2000	44.4	74.5	81.4	85.1	87.2	87.8	88.3	88.7	88.8	89.0	89.1	89.2	89.3	89.3	89.4	89.5
≥ 1800	44.5	74.7	81.7	85.5	87.6	88.2	88.7	89.1	89.2	89.4	89.5	89.5	89.7	89.7	89.8	89.9
≥ 1500	44.6	75.2	82.3	86.2	88.4	89.0	89.6	90.0	90.1	90.3	90.5	90.5	90.6	90.6	90.7	90.8
≥ 1200	44.6	75.7	82.9	86.9	89.2	89.8	90.4	90.9	90.9	91.2	91.3	91.3	91.5	91.5	91.6	91.7
≥ 1000	44.7	76.0	83.5	87.6	90.0	90.7	91.4	91.8	91.9	92.1	92.3	92.3	92.4	92.4	92.5	92.6
≥ 900	44.7	76.1	83.6	87.7	90.2	91.0	91.6	92.1	92.2	92.4	92.5	92.6	92.7	92.7	92.8	92.9
≥ 800	44.8	76.3	83.9	88.2	90.8	91.5	92.3	92.8	92.8	93.1	93.3	93.3	93.4	93.4	93.5	93.6
≥ 700	44.8	76.7	84.3	88.8	91.5	92.2	93.1	93.6	93.7	93.9	94.1	94.1	94.2	94.3	94.4	94.5
≥ 600	44.9	76.9	84.7	89.3	92.3	93.1	94.0	94.6	94.7	95.0	95.2	95.2	95.3	95.3	95.4	95.6
≥ 500	44.9	77.1	84.9	89.7	93.0	93.9	95.1	95.8	95.9	96.2	96.4	96.4	96.5	96.5	96.6	96.7
≥ 400	44.9	77.2	85.1	90.0	93.4	94.4	95.7	96.5	96.7	97.0	97.2	97.3	97.4	97.4	97.5	97.6
≥ 300	44.9	77.2	85.2	90.1	93.7	94.8	96.2	97.1	97.3	97.7	98.0	98.0	98.1	98.2	98.3	98.4
≥ 200	44.9	77.2	85.2	90.2	93.8	94.9	96.4	97.5	97.6	98.1	98.5	98.5	98.7	98.8	99.0	99.2
≥ 100	44.9	77.2	85.2	90.2	93.8	94.9	96.5	97.5	97.6	98.2	98.6	98.6	98.9	99.0	99.3	99.8
≥ 0	44.9	77.2	85.2	90.2	93.8	94.9	96.5	97.5	97.6	98.2	98.6	98.6	98.9	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) SEP (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	40.2	60.8	65.3	66.3	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.4	67.6	67.6	67.7	67.7
≥ 20000	41.8	64.8	69.8	71.0	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.1	72.2	72.2	72.3	72.3
≥ 18000	41.8	64.8	69.8	71.0	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.1	72.2	72.2	72.3	72.3
≥ 16000	41.8	64.8	69.8	71.0	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.1	72.2	72.2	72.3	72.3
≥ 14000	41.8	64.8	69.8	71.0	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.1	72.2	72.2	72.3	72.3
≥ 12000	44.2	67.2	72.2	73.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.8	74.9	74.9	75.0	75.0
≥ 10000	46.0	71.1	76.6	77.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.1	79.2	79.2	79.3	79.3
≥ 9000	46.0	71.1	76.6	77.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.1	79.2	79.2	79.3	79.3
≥ 8000	47.2	72.8	78.2	79.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.2	81.3	81.3	81.4	81.4
≥ 7000	47.6	73.3	78.8	80.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.8	81.9	81.9	82.0	82.0
≥ 6000	47.9	73.7	79.2	80.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.2	82.3	82.3	82.4	82.4
≥ 5000	48.2	74.2	79.9	81.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	83.0	83.1	83.1	83.2	83.2
≥ 4500	48.2	74.2	79.9	81.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	83.0	83.1	83.1	83.2	83.2
≥ 4000	48.4	75.1	81.0	82.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.1	84.2	84.2	84.3	84.3
≥ 3500	48.8	75.6	81.4	83.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.8	84.9	84.9	85.0	85.0
≥ 3000	49.3	76.7	82.7	84.8	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.2	86.3	86.3	86.4	86.4
≥ 2500	49.3	77.4	83.6	85.9	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.4	87.6	87.6	87.7	87.7
≥ 2000	49.6	78.4	84.7	87.0	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.7	88.8	88.8	88.9	88.9
≥ 1800	49.6	78.6	84.8	87.1	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.9	89.0	89.0	89.1	89.1
≥ 1500	49.9	79.0	85.4	87.8	89.4	89.4	89.4	89.4	89.6	89.6	89.6	89.8	89.9	89.9	90.0	90.0
≥ 1200	50.1	79.6	86.0	88.3	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.3	90.4	90.4	90.6	90.6
≥ 1000	50.2	79.7	86.2	88.8	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.3	91.4	91.4	91.6	91.6
≥ 900	50.6	80.2	86.9	89.6	91.7	91.8	91.8	91.8	91.9	91.9	91.9	92.1	92.2	92.2	92.3	92.3
≥ 800	50.9	80.9	87.7	90.6	92.7	92.8	92.8	92.8	92.9	92.9	92.9	93.1	93.2	93.2	93.3	93.3
≥ 700	51.0	81.1	88.0	90.9	93.3	93.4	93.4	93.4	93.6	93.6	93.6	93.8	93.9	93.9	94.0	94.0
≥ 600	51.1	81.3	88.2	91.3	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.3	94.4	94.4	94.6	94.6
≥ 500	51.1	81.7	88.6	91.8	94.8	95.0	95.0	95.0	95.1	95.2	95.2	95.4	95.6	95.6	95.7	95.7
≥ 400	51.2	81.8	88.9	93.1	96.3	96.7	96.7	96.7	96.8	96.9	96.9	97.1	97.2	97.2	97.3	97.3
≥ 300	51.3	81.9	89.0	93.4	97.1	97.4	97.6	97.7	97.8	97.9	97.9	98.1	98.2	98.2	98.4	98.4
≥ 200	51.3	81.9	89.0	93.4	97.1	97.4	97.7	98.1	98.2	98.3	98.6	98.8	98.9	98.9	99.2	99.3
≥ 100	51.3	81.9	89.0	93.4	97.1	97.4	97.7	98.3	98.4	98.6	98.8	99.0	99.2	99.2	99.6	99.9
0	51.3	81.9	89.0	93.4	97.1	97.4	97.7	98.3	98.4	98.6	98.8	99.0	99.2	99.2	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70, 74-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS - LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	29.1	48.6	54.6	57.9	59.3	59.4	60.4	61.1	61.7	61.9	62.1	62.1	62.2	62.4	63.0	63.2
≥ 20000	29.6	50.7	57.4	61.7	63.2	63.3	64.3	65.0	65.6	65.8	66.0	66.0	66.1	66.3	67.1	67.3
≥ 18000	29.6	50.7	57.4	61.7	63.2	63.3	64.3	65.0	65.6	65.8	66.0	66.0	66.1	66.3	67.1	67.3
≥ 16000	29.6	50.7	57.4	61.7	63.2	63.3	64.3	65.0	65.6	65.8	66.0	66.0	66.1	66.3	67.1	67.3
≥ 14000	29.6	50.7	57.4	61.7	63.2	63.3	64.3	65.0	65.6	65.8	66.0	66.0	66.1	66.3	67.1	67.3
≥ 12000	30.1	51.4	58.3	62.7	64.4	64.6	65.7	66.3	66.9	67.1	67.3	67.3	67.4	67.7	68.4	68.7
≥ 10000	31.7	55.0	62.4	66.8	68.6	68.7	69.8	70.4	71.0	71.2	71.4	71.4	71.6	71.8	72.6	72.8
≥ 9000	31.8	55.1	62.6	66.9	68.7	68.8	69.9	70.6	71.1	71.3	71.6	71.6	71.7	71.9	72.7	72.9
≥ 8000	33.6	57.0	64.7	69.3	71.1	71.2	72.3	73.0	73.6	73.8	74.0	74.0	74.1	74.3	75.1	75.3
≥ 7000	33.8	57.6	65.2	69.9	71.7	71.8	72.9	73.6	74.1	74.3	74.6	74.6	74.7	74.9	75.7	75.9
≥ 6000	34.1	58.1	65.8	70.4	72.2	72.3	73.4	74.1	74.7	74.9	75.1	75.1	75.2	75.4	76.2	76.4
≥ 5000	34.2	58.4	66.1	70.8	72.6	72.7	73.8	74.4	75.0	75.2	75.4	75.4	75.6	75.8	76.6	76.8
≥ 4500	34.4	58.7	66.4	71.1	73.0	73.1	74.2	74.9	75.4	75.7	75.9	75.9	76.0	76.2	77.0	77.2
≥ 4000	35.0	59.4	67.3	72.0	73.9	74.0	75.2	75.9	76.4	76.7	76.9	76.9	77.0	77.2	78.0	78.2
≥ 3500	35.1	59.7	67.6	72.3	74.2	74.3	75.6	76.2	76.8	77.0	77.2	77.2	77.3	77.6	78.3	78.6
≥ 3000	35.6	61.0	68.9	73.7	75.6	75.7	76.9	77.6	78.1	78.3	78.6	78.6	78.7	78.9	79.7	79.9
≥ 2500	35.7	61.4	69.7	74.6	76.6	76.7	77.9	78.6	79.1	79.3	79.6	79.6	79.7	79.9	80.7	80.9
≥ 2000	35.7	61.6	69.8	74.7	76.7	76.8	78.0	78.7	79.2	79.4	79.7	79.7	79.8	80.0	80.8	81.0
≥ 1800	35.7	61.6	69.9	74.8	76.8	76.9	78.1	78.8	79.3	79.6	79.8	79.8	79.9	80.1	80.9	81.1
≥ 1500	36.0	62.7	71.2	76.1	78.2	78.3	79.6	80.2	80.8	81.0	81.2	81.2	81.3	81.6	82.3	82.6
≥ 1200	36.4	63.7	72.4	77.3	79.6	79.7	80.9	81.6	82.1	82.3	82.7	82.7	82.8	83.0	83.9	84.0
≥ 1000	36.4	64.1	73.0	77.9	80.2	80.3	81.6	82.2	82.8	83.0	83.3	83.3	83.4	83.7	84.4	84.7
≥ 900	36.6	64.6	73.9	78.8	81.1	81.2	82.4	83.1	83.7	83.9	84.2	84.2	84.3	84.6	85.3	85.6
≥ 800	36.6	65.1	74.6	80.0	82.4	82.6	83.8	84.4	85.0	85.2	85.6	85.6	85.7	85.9	86.7	86.9
≥ 700	36.6	65.6	75.3	81.0	83.4	83.6	84.8	85.4	86.0	86.2	86.6	86.6	86.7	86.9	87.7	87.9
≥ 600	36.9	66.3	76.2	82.0	84.8	85.0	86.2	86.9	87.4	87.7	88.0	88.0	88.1	88.3	89.1	89.3
≥ 500	36.9	66.6	76.4	82.7	86.4	86.8	88.4	89.1	89.7	89.9	90.2	90.2	90.3	90.6	91.4	91.7
≥ 400	36.9	66.8	76.8	84.1	88.3	88.8	90.4	91.4	92.0	92.2	92.6	92.6	92.8	93.0	94.0	94.2
≥ 300	36.9	66.8	76.8	84.4	89.0	89.7	91.9	93.1	93.7	94.1	94.4	94.4	94.7	94.9	95.9	96.1
≥ 200	37.0	66.9	76.9	84.7	89.2	90.0	92.7	94.1	94.7	95.2	95.8	95.8	96.1	96.6	97.7	98.3
≥ 100	37.0	66.9	76.9	84.7	89.2	90.0	92.7	94.2	94.8	95.4	96.0	96.0	96.4	97.1	98.2	99.6
≥ 0	37.0	66.9	76.9	84.7	89.2	90.0	92.7	94.2	94.8	95.4	96.0	96.0	96.4	97.1	98.3	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	10.0	24.2	30.2	37.1	41.3	43.8	46.3	47.8	48.4	49.3	49.9	50.0	50.6	50.7	51.4	52.1
≥ 20000	10.9	25.7	32.1	39.8	44.4	46.9	49.4	51.0	51.7	52.6	53.2	53.3	54.0	54.1	54.9	55.7
≥ 18000	10.9	25.9	32.1	39.8	44.6	47.0	49.6	51.1	51.8	52.7	53.3	53.4	54.1	54.2	55.0	55.8
≥ 16000	10.9	25.9	32.1	39.8	44.6	47.0	49.6	51.1	51.8	52.7	53.3	53.4	54.1	54.2	55.0	55.8
≥ 14000	11.0	26.8	33.1	40.8	45.6	48.0	50.7	52.2	52.9	53.8	54.4	54.6	55.2	55.3	56.1	56.9
≥ 12000	11.2	28.2	35.1	43.1	48.3	51.0	53.8	55.4	56.1	57.1	58.0	58.1	58.8	58.9	59.7	60.4
≥ 10000	12.2	30.3	37.4	45.6	51.9	54.6	57.4	59.1	59.8	60.8	61.7	61.8	62.4	62.6	63.3	64.1
≥ 9000	12.9	31.2	38.3	46.4	52.8	55.4	58.3	60.0	60.7	61.7	62.6	62.7	63.3	63.4	64.2	65.0
≥ 8000	13.7	32.9	40.9	49.6	56.4	59.2	62.2	63.9	64.6	65.6	66.4	66.5	67.2	67.3	68.1	68.9
≥ 7000	13.8	33.1	41.3	50.2	57.1	59.9	63.0	64.8	65.4	66.4	67.3	67.4	68.1	68.2	69.0	69.8
≥ 6000	13.9	33.3	41.8	50.8	58.0	60.8	63.9	65.7	66.3	67.3	68.2	68.3	69.0	69.1	69.9	70.7
≥ 5000	14.3	34.0	42.7	51.7	59.2	62.1	65.2	67.1	67.8	68.8	69.7	69.8	70.4	70.6	71.3	72.1
≥ 4500	14.4	34.2	43.0	52.0	59.7	62.6	65.7	67.6	68.2	69.2	70.1	70.2	70.9	71.0	71.9	72.7
≥ 4000	14.9	35.0	43.8	53.1	61.0	64.0	67.1	69.0	69.7	70.7	71.6	71.7	72.3	72.4	73.3	74.1
≥ 3500	15.1	35.2	44.0	53.3	61.2	64.2	67.3	69.2	69.9	70.9	71.8	71.9	72.6	72.7	73.6	74.3
≥ 3000	15.2	35.7	44.4	53.8	61.8	64.8	67.9	69.8	70.4	71.4	72.3	72.4	73.1	73.2	74.1	74.9
≥ 2500	15.2	36.2	45.1	54.6	62.6	65.6	68.7	70.8	71.4	72.4	73.3	73.4	74.1	74.2	75.1	75.9
≥ 2000	15.2	36.9	45.9	55.3	63.4	66.4	69.6	71.7	72.3	73.3	74.2	74.3	75.0	75.1	76.0	76.8
≥ 1800	15.2	37.0	46.0	55.6	63.7	66.7	69.8	71.9	72.6	73.6	74.4	74.6	75.2	75.3	76.2	77.0
≥ 1500	15.8	38.1	47.6	57.2	65.3	68.3	71.4	73.6	74.2	75.2	76.1	76.2	76.9	77.0	77.9	78.7
≥ 1200	15.9	39.0	48.8	58.6	66.7	69.7	72.8	74.9	75.6	76.6	77.4	77.6	78.2	78.3	79.2	80.0
≥ 1000	16.0	39.2	49.0	59.0	67.4	70.4	73.7	75.8	76.4	77.4	78.3	78.4	79.1	79.2	80.1	80.9
≥ 900	16.0	39.7	49.4	59.6	68.1	71.1	74.4	76.6	77.2	78.2	79.1	79.2	79.9	80.0	80.9	81.7
≥ 800	16.1	40.1	50.2	60.6	69.3	72.4	75.8	77.9	78.6	79.6	80.4	80.6	81.2	81.3	82.2	83.0
≥ 700	16.1	40.8	50.9	61.2	70.1	73.3	76.7	78.8	79.4	80.4	81.3	81.4	82.1	82.2	83.1	83.9
≥ 600	16.1	41.2	51.6	62.3	71.3	74.6	78.0	80.2	81.0	82.0	82.9	83.0	83.7	83.8	84.7	85.4
≥ 500	16.2	41.4	51.8	63.1	72.6	76.0	79.0	82.1	82.9	33.9	84.9	85.0	85.7	85.8	86.8	87.6
≥ 400	16.2	41.4	51.9	63.4	73.9	77.8	82.1	85.2	86.1	87.3	88.3	88.4	89.1	89.2	90.2	91.1
≥ 300	16.2	41.4	51.9	63.7	74.1	78.2	83.0	86.9	88.1	89.3	90.7	90.8	91.4	91.7	92.9	94.1
≥ 200	16.2	41.4	51.9	63.7	74.1	78.2	83.2	87.6	88.8	90.1	91.9	92.1	93.2	93.7	95.4	97.2
≥ 100	16.2	41.4	51.9	63.7	74.1	78.2	83.2	87.6	88.8	90.1	91.9	92.1	93.7	94.2	96.6	99.6
≥ 0	16.2	41.4	51.9	63.7	74.1	78.2	83.2	87.6	88.8	90.1	91.9	92.1	93.7	94.2	96.7	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	25.0	47.7	51.3	53.6	54.7	54.8	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9
≥ 20000	26.7	52.2	56.1	58.3	59.6	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8
≥ 18000	26.7	52.2	56.1	58.3	59.6	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8
≥ 16000	26.7	52.2	56.1	58.3	59.6	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8
≥ 14000	27.2	53.1	57.2	59.4	60.7	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0
≥ 12000	27.7	54.6	59.4	62.2	63.7	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0
≥ 10000	29.6	57.8	64.0	66.9	68.7	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0
≥ 9000	30.0	58.4	64.7	67.7	69.4	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8
≥ 8000	30.8	60.1	66.9	70.4	72.2	72.4	72.4	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6
≥ 7000	31.2	61.	68.0	71.7	73.4	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8
≥ 6000	31.4	61.3	68.3	72.1	73.9	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2
≥ 5000	31.	61.1	69.4	73.2	75.0	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4500	31.7	62.7	70.0	73.9	75.8	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4000	32.1	63.2	70.7	74.6	76.4	76.7	76.7	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9
≥ 3500	32.2	63.3	70.8	74.8	76.7	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3000	32.4	63.8	71.3	75.4	77.3	77.6	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8
≥ 2500	32.9	65.3	72.9	77.2	79.4	79.7	79.7	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2000	33.9	67.9	75.6	80.1	82.3	82.6	82.6	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1800	34.1	68.6	76.4	81.0	83.2	83.4	83.4	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1500	35.0	71.0	79.3	84.1	86.3	86.7	86.7	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1200	35.2	71.9	80.8	86.0	88.3	88.9	89.0	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1000	35.2	72.7	81.7	87.4	90.2	90.8	90.9	91.2	91.2	91.3	91.4	91.4	91.4	91.6	91.6	91.6
≥ 900	35.2	72.9	81.9	87.8	90.7	91.3	91.4	91.8	91.8	91.9	92.0	92.0	92.0	92.1	92.1	92.1
≥ 800	35.2	73.7	82.7	88.7	91.8	92.7	92.8	93.2	93.2	93.3	93.4	93.4	93.4	93.6	93.6	93.6
≥ 700	35.3	74.6	84.0	90.3	93.8	94.9	95.2	95.8	95.8	95.9	96.0	96.0	96.0	96.1	96.1	96.1
≥ 600	35.4	74.8	84.2	90.6	94.6	95.7	96.0	96.6	96.6	96.8	96.9	96.9	96.9	97.0	97.0	97.0
≥ 500	35.4	74.9	84.3	90.8	94.8	96.3	96.9	97.9	97.9	98.2	98.3	98.3	98.3	98.4	98.4	98.4
≥ 400	35.4	75.0	84.4	91.0	95.0	96.6	97.2	98.3	98.3	98.7	98.8	98.8	98.8	98.9	98.9	98.9
≥ 300	35.4	75.1	84.6	91.1	95.1	96.7	97.3	98.4	98.6	99.0	99.2	99.3	99.3	99.4	99.4	99.4
≥ 200	35.4	75.1	84.6	91.2	95.2	96.8	97.4	98.6	98.8	99.2	99.6	99.8	99.8	99.9	100.0	100.0
≥ 100	35.4	75.1	84.6	91.2	95.2	96.8	97.4	98.6	98.8	99.2	99.6	99.8	99.8	99.9	100.0	100.0
≥ 0	35.4	75.1	84.6	91.2	95.2	96.8	97.4	98.6	98.8	99.2	99.6	99.8	99.8	99.9	100.0	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥⅝	≥½	≥¼	≥0
NO CEILING	35.2	54.0	54.9	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
≥ 20000	38.8	62.4	63.7	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 18000	38.8	62.7	63.9	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 15000	38.9	62.8	64.0	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 14000	40.3	64.8	66.2	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 12000	40.9	67.0	68.6	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 10000	43.2	72.1	74.1	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 9000	43.7	72.8	74.8	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 8000	44.6	75.6	77.9	79.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 7000	45.0	76.6	79.0	80.2	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 6000	45.3	77.3	79.9	81.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 5000	46.0	78.6	81.1	82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4500	46.1	78.9	81.4	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4000	46.7	80.8	83.3	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 3500	47.2	81.7	84.4	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3000	47.9	83.2	86.2	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2500	48.4	84.7	87.9	89.6	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2000	49.2	86.1	89.6	92.0	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	49.2	86.6	90.3	93.1	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	49.4	87.1	91.0	93.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	49.6	87.9	92.0	95.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000	49.6	88.1	92.3	95.8	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	49.8	88.4	92.7	96.2	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	49.8	88.6	92.9	96.6	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	49.8	88.6	92.9	96.8	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	49.8	88.7	93.2	97.2	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	49.8	88.7	93.2	97.3	98.9	99.0	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	49.8	88.7	93.2	97.3	99.0	99.1	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	49.8	88.7	93.2	97.3	99.0	99.1	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	49.8	88.7	93.2	97.3	99.0	99.1	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	49.8	88.7	93.2	97.3	99.0	99.1	99.3	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	49.8	88.7	93.2	97.3	99.0	99.1	99.3	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1 ½	≥1 ¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.8	55.7	57.3	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
≥ 20000	40.6	63.6	65.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 18000	40.7	63.7	66.0	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
≥ 16000	40.7	63.7	66.0	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	42.3	65.6	67.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 12000	44.9	68.8	71.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 10000	47.0	75.4	78.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 9000	47.3	75.9	79.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 8000	48.8	78.9	82.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 7000	48.8	79.9	83.4	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 6000	49.6	80.9	84.4	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 5000	50.3	82.1	85.8	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 4500	50.4	82.8	86.4	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4000	51.0	84.0	88.0	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3500	51.3	84.8	88.9	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3000	51.7	85.7	89.9	91.8	91.9	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2500	52.3	87.3	91.7	93.6	93.8	93.8	94.0	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	52.6	87.9	92.2	94.1	94.4	94.7	95.0	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800	52.6	88.1	92.4	94.3	94.7	94.9	95.2	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	52.7	88.9	93.7	95.6	95.9	96.1	96.4	96.4	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	52.7	89.7	94.4	96.4	97.2	97.4	97.8	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	52.8	89.8	94.6	96.7	97.6	97.8	98.1	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	52.8	89.9	94.7	96.8	97.7	97.9	98.2	98.3	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	52.8	89.9	94.7	96.8	97.7	97.9	98.2	98.3	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	52.8	90.1	95.0	97.1	98.3	98.6	99.0	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	52.8	90.1	95.0	97.1	98.3	98.6	99.0	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	52.8	90.1	95.1	97.3	98.6	98.8	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	52.8	90.1	95.1	97.3	98.6	98.8	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	52.8	90.1	95.1	97.3	98.6	98.8	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	52.8	90.1	95.1	97.3	98.6	98.8	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	52.8	90.1	95.1	97.3	98.6	98.8	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	52.8	90.1	95.1	97.3	98.6	98.8	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	39.8	60.0	61.1	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 20000	42.2	65.9	67.8	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 18000	42.4	66.1	68.0	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 16000	42.4	66.1	68.0	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 14000	42.8	66.7	68.6	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
≥ 12000	46.4	71.2	73.3	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
≥ 10000	48.8	76.8	79.6	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 9000	48.8	76.9	79.8	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 8000	49.7	79.3	82.4	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 7000	50.0	80.4	83.6	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 6000	51.0	81.4	84.7	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 5000	51.3	82.2	85.7	87.2	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4500	51.8	83.4	86.9	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
> 4000	51.9	85.1	88.7	90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3500	51.9	85.6	89.2	91.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3000	52.4	86.7	90.4	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2500	52.6	87.3	91.2	93.1	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2000	53.0	88.2	92.3	94.2	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800	53.0	88.3	92.4	94.3	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	53.1	88.8	93.6	95.6	96.4	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	53.3	89.1	93.9	95.9	96.8	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	53.4	89.3	94.1	96.1	97.2	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	53.7	89.6	94.4	96.4	97.6	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800	53.7	89.7	94.6	96.6	97.7	97.7	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	53.8	89.8	94.7	96.7	97.9	97.9	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	53.9	90.0	95.0	97.0	98.2	98.2	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	54.0	90.1	95.1	97.2	98.4	98.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	54.0	90.1	95.1	97.2	98.4	98.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	54.0	90.1	95.1	97.2	98.6	98.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	54.0	90.1	95.1	97.2	98.6	98.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	54.0	90.1	95.1	97.2	98.6	98.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	54.0	90.1	95.1	97.2	98.6	98.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) SEP (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	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	48.0	67.1	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 20000	50.3	72.6	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 18000	50.3	72.6	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 16000	50.3	72.6	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 14000	50.3	72.6	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 12000	52.4	74.9	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 10000	54.9	79.8	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 9000	54.9	79.8	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 8000	55.4	81.4	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 7000	55.4	81.8	85.0	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 6000	56.7	83.1	86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 5000	56.9	83.6	86.9	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4500	57.1	84.3	87.7	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4000	57.2	85.3	89.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3500	57.2	85.7	89.4	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3000	58.0	86.7	90.4	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2500	58.2	87.3	91.2	91.6	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2000	58.7	88.1	92.2	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800	58.7	88.2	92.3	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1500	59.0	88.9	93.0	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1200	59.1	89.4	93.8	94.2	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1000	59.4	89.9	94.4	95.0	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	59.6	90.1	94.8	95.4	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800	60.0	91.0	95.7	96.6	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	60.2	91.4	96.1	97.0	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	60.2	91.4	96.2	97.1	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	60.2	91.4	96.2	97.2	98.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	60.3	91.6	96.4	97.8	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	60.3	91.6	96.4	97.9	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	60.3	91.6	96.4	97.9	99.0	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	60.3	91.6	96.4	97.9	99.0	99.2	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	60.3	91.6	96.4	97.9	99.0	99.2	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.1	52.3	55.6	57.6	58.6	58.9	59.3	59.6	59.8	59.9	60.0	60.1	60.2	60.2	60.4	60.5
≥ 20000	35.1	57.3	61.0	63.3	64.4	64.8	65.2	65.5	65.6	65.8	65.9	65.9	66.1	66.1	66.3	66.4
≥ 18000	35.1	57.3	61.1	63.4	64.5	64.8	65.3	65.6	65.7	65.9	66.0	66.0	66.1	66.2	66.4	66.5
≥ 16000	35.2	57.3	61.1	63.4	64.5	64.9	65.3	65.6	65.7	65.9	66.0	66.0	66.2	66.2	66.4	66.5
≥ 14000	35.7	58.1	62.0	64.3	65.4	65.7	66.2	66.5	66.6	66.8	66.9	66.9	67.0	67.1	67.3	67.4
≥ 12000	37.2	60.4	64.5	67.0	68.2	68.6	69.1	69.4	69.5	69.7	69.8	69.9	70.0	70.0	70.3	70.4
≥ 10000	39.2	64.8	69.4	72.0	73.5	73.9	74.4	74.7	74.8	75.0	75.1	75.2	75.3	75.3	75.5	75.6
≥ 9000	39.4	65.2	69.8	72.4	73.9	74.3	74.8	75.1	75.2	75.4	75.5	75.6	75.7	75.7	75.9	76.0
≥ 8000	40.5	67.3	72.3	75.1	76.7	77.1	77.6	77.9	78.0	78.2	78.3	78.4	78.5	78.5	78.8	78.9
≥ 7000	40.7	68.0	73.0	76.0	77.6	77.9	78.5	78.8	78.9	79.1	79.2	79.3	79.4	79.4	79.6	79.8
≥ 6000	41.2	68.7	73.8	76.8	78.4	78.8	79.3	79.6	79.8	79.9	80.1	80.1	80.2	80.3	80.5	80.6
≥ 5000	41.6	69.4	74.7	77.7	79.4	79.8	80.3	80.6	80.8	80.9	81.1	81.1	81.2	81.3	81.5	81.6
≥ 4500	41.8	69.9	75.2	78.2	79.9	80.3	80.9	81.2	81.3	81.5	81.7	81.7	81.8	81.8	82.1	82.2
≥ 4000	42.2	71.0	76.5	79.5	81.3	81.7	82.3	82.6	82.8	82.9	83.1	83.1	83.2	83.3	83.5	83.6
≥ 3500	42.4	71.4	77.0	80.1	81.9	82.3	82.9	83.2	83.4	83.5	83.7	83.7	83.8	83.9	84.1	84.2
≥ 3000	42.8	72.4	78.0	81.2	83.0	83.5	84.0	84.3	84.5	84.7	84.8	84.9	85.0	85.0	85.3	85.4
≥ 2500	43.1	73.4	79.2	82.5	84.5	84.9	85.5	85.8	86.0	86.2	86.3	86.4	86.5	86.5	86.8	86.9
≥ 2000	43.5	74.4	80.3	83.8	85.8	86.2	86.8	87.2	87.4	87.6	87.7	87.8	87.9	87.9	88.1	88.3
≥ 1800	43.5	74.6	80.6	84.1	86.2	86.6	87.2	87.6	87.8	87.9	88.1	88.2	88.3	88.3	88.5	88.7
≥ 1500	43.9	75.6	81.8	85.5	87.6	88.0	88.6	89.0	89.2	89.4	89.5	89.6	89.7	89.7	89.9	90.1
≥ 1200	44.0	76.3	82.8	86.5	88.7	89.2	89.8	90.3	90.4	90.6	90.8	90.8	90.9	91.0	91.2	91.3
≥ 1000	44.1	76.6	83.2	87.1	89.5	90.0	90.7	91.1	91.3	91.5	91.7	91.7	91.8	91.9	92.1	92.2
≥ 900	44.3	76.9	83.6	87.6	90.0	90.6	91.2	91.7	91.8	92.0	92.2	92.2	92.3	92.4	92.6	92.8
≥ 800	44.4	77.4	84.1	88.3	90.9	91.4	92.1	92.6	92.8	92.9	93.1	93.2	93.3	93.3	93.5	93.7
≥ 700	44.4	77.7	84.6	88.9	91.6	92.2	93.0	93.5	93.6	93.8	94.0	94.0	94.2	94.2	94.4	94.6
≥ 600	44.5	78.0	85.0	89.3	92.2	92.9	93.7	94.1	94.3	94.5	94.7	94.7	94.8	94.9	95.1	95.3
≥ 500	44.6	78.1	85.1	89.7	92.8	93.6	94.6	95.2	95.4	95.6	95.8	95.9	96.0	96.0	96.3	96.4
≥ 400	44.6	78.2	85.2	90.2	93.5	94.4	95.5	96.2	96.4	96.7	96.9	96.9	97.1	97.1	97.4	97.5
≥ 300	44.6	78.2	85.3	90.3	93.8	94.7	96.0	96.8	97.1	97.4	97.7	97.7	97.8	97.9	98.2	98.4
≥ 200	44.6	78.2	85.3	90.3	93.8	94.8	96.2	97.2	97.4	97.8	98.2	98.3	98.5	98.6	99.0	99.3
≥ 100	44.6	78.2	85.3	90.3	93.8	94.8	96.2	97.2	97.5	97.8	98.3	98.3	98.6	98.8	99.3	99.9
0	44.6	78.2	85.3	90.3	93.8	94.8	96.2	97.2	97.5	97.8	98.3	98.3	98.6	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥5/16	≥¼	≥0
NO CEILING	55.9	71.2	73.3	74.0	74.3	74.3	74.3	74.3	74.3	74.4	74.6	74.6	74.6	74.6	74.6	74.7
≥ 20000	56.7	73.3	75.5	76.1	76.5	76.5	76.5	76.5	76.5	76.6	76.8	76.8	76.8	76.8	76.8	76.9
≥ 18000	56.8	73.4	75.6	76.2	76.6	76.6	76.6	76.6	76.6	76.7	76.9	76.9	76.9	76.9	76.9	77.0
≥ 16000	56.8	73.4	75.6	76.2	76.6	76.6	76.6	76.6	76.6	76.7	76.9	76.9	76.9	76.9	76.9	77.0
≥ 14000	56.8	73.4	75.6	76.2	76.6	76.6	76.6	76.6	76.6	76.7	76.9	76.9	76.9	76.9	76.9	77.0
≥ 12000	58.1	74.9	77.1	77.8	78.2	78.2	78.2	78.2	78.2	78.3	78.5	78.5	78.5	78.5	78.5	78.6
≥ 10000	59.5	77.3	79.6	80.3	80.6	80.6	80.6	80.6	80.6	80.8	81.0	81.0	81.0	81.0	81.0	81.1
≥ 9000	59.7	77.6	79.9	80.6	81.0	81.0	81.0	81.0	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.4
≥ 8000	61.6	80.1	82.7	83.8	84.1	84.1	84.1	84.1	84.1	84.2	84.4	84.4	84.4	84.4	84.4	84.5
≥ 7000	62.0	80.6	83.3	84.4	84.8	84.8	84.8	84.8	84.8	84.9	85.2	85.2	85.2	85.2	85.2	85.3
≥ 6000	63.4	82.0	84.7	85.8	86.2	86.2	86.2	86.2	86.2	86.3	86.6	86.6	86.6	86.6	86.6	86.7
≥ 5000	64.6	84.0	86.7	87.7	88.2	88.2	88.2	88.2	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.6
≥ 4500	64.7	84.2	87.0	88.1	88.5	88.5	88.5	88.5	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.9
≥ 4000	66.0	85.5	88.3	89.4	89.8	89.8	89.8	89.8	89.8	89.9	90.1	90.1	90.1	90.1	90.1	90.2
≥ 3500	66.5	86.0	89.0	90.1	90.5	90.5	90.5	90.5	90.5	90.6	90.9	90.9	90.9	90.9	90.9	91.0
≥ 3000	67.0	87.3	90.6	91.7	92.3	92.3	92.3	92.3	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.7
≥ 2500	67.6	88.3	91.6	92.7	93.2	93.2	93.2	93.2	93.2	93.3	93.5	93.5	93.5	93.5	93.5	93.7
≥ 2000	68.3	89.0	92.4	93.4	94.0	94.0	94.0	94.1	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.5
≥ 1800	68.4	89.1	92.7	93.8	94.4	94.4	94.4	94.5	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.9
≥ 1500	68.6	89.8	93.5	94.8	95.5	95.5	95.5	95.6	95.6	95.7	95.9	95.9	95.9	95.9	95.9	96.0
≥ 1200	68.8	90.1	94.2	95.5	96.2	96.2	96.3	96.5	96.5	96.6	96.8	96.8	96.8	96.8	96.8	96.9
≥ 1000	69.1	90.4	94.5	95.8	96.6	96.6	96.7	96.8	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.2
≥ 900	69.1	90.5	94.6	95.9	96.7	96.7	96.8	96.9	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.3
≥ 800	69.1	90.8	94.8	96.3	97.1	97.1	97.2	97.3	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.7
≥ 700	69.1	90.8	95.1	96.6	97.5	97.5	97.6	97.7	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.2
≥ 600	69.2	90.9	95.2	96.7	97.7	97.7	97.8	98.0	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.4
≥ 500	69.5	91.1	95.5	97.0	98.5	98.5	98.7	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.2
≥ 400	69.5	91.1	95.6	97.1	98.6	98.6	98.8	98.9	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.4
≥ 300	69.5	91.1	95.6	97.2	98.7	98.7	98.9	99.0	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.5
≥ 200	69.5	91.1	95.6	97.2	98.7	98.7	98.9	99.0	99.0	99.1	99.5	99.5	99.5	99.5	99.6	99.7
≥ 100	69.5	91.1	95.6	97.2	98.7	98.8	99.0	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.7	100.0
≥ 0	69.5	91.1	95.6	97.2	98.7	98.8	99.0	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.7	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	48.2	63.0	67.5	69.1	69.9	70.1	70.4	70.5	70.5	70.6	71.0	71.0	71.1	71.2	71.7	72.2
≥ 20000	49.5	64.7	69.5	71.1	71.8	72.0	72.4	72.5	72.5	72.6	72.9	72.9	73.0	73.1	73.7	74.1
≥ 18000	49.5	64.7	69.5	71.1	71.8	72.0	72.4	72.5	72.5	72.6	72.9	72.9	73.0	73.1	73.7	74.1
≥ 16000	49.5	64.7	69.5	71.1	71.8	72.0	72.4	72.5	72.5	72.6	72.9	72.9	73.0	73.1	73.7	74.1
≥ 14000	49.5	64.7	69.5	71.1	71.8	72.0	72.4	72.5	72.5	72.6	72.9	72.9	73.0	73.1	73.7	74.1
≥ 12000	50.4	65.8	70.5	72.2	72.9	73.1	73.4	73.5	73.5	73.7	74.0	74.0	74.1	74.2	74.7	75.2
≥ 10000	51.3	67.1	71.9	73.9	74.6	74.8	75.2	75.3	75.3	75.4	75.7	75.7	75.8	75.9	76.5	76.9
≥ 9000	51.3	67.1	71.9	74.1	74.8	75.1	75.4	75.5	75.5	75.6	75.9	75.9	76.0	76.1	76.7	77.1
≥ 8000	52.3	68.6	73.7	76.1	77.1	77.3	77.6	77.7	77.7	77.8	78.2	78.2	78.3	78.5	79.0	79.6
≥ 7000	52.8	69.4	74.8	77.4	78.4	78.6	78.9	79.0	79.0	79.1	79.5	79.5	79.6	79.8	80.3	80.9
≥ 6000	53.4	70.0	75.5	78.1	79.0	79.2	79.6	79.7	79.7	79.8	80.1	80.1	80.2	80.4	81.0	81.5
≥ 5000	54.6	71.5	77.3	80.1	81.1	81.3	81.6	81.7	81.7	81.8	82.2	82.2	82.3	82.5	83.0	83.5
≥ 4500	55.1	71.9	78.0	80.9	81.8	82.0	82.4	82.5	82.5	82.6	82.9	82.9	83.0	83.2	83.8	84.3
≥ 4000	55.8	72.9	79.0	82.2	83.1	83.3	83.7	83.8	83.8	83.9	84.2	84.2	84.3	84.5	85.1	85.6
≥ 3500	56.3	73.5	80.1	83.2	84.2	84.4	84.7	84.8	84.8	84.9	85.3	85.3	85.4	85.6	86.1	86.7
≥ 3000	57.0	74.7	81.4	84.5	85.5	85.7	86.0	86.1	86.1	86.2	86.6	86.6	86.7	86.9	87.4	88.0
≥ 2500	57.2	75.1	81.7	84.8	85.9	86.1	86.5	86.6	86.6	86.7	87.0	87.0	87.1	87.3	87.8	88.4
≥ 2000	58.1	76.6	83.5	86.7	87.8	88.1	88.4	88.5	88.5	88.6	88.9	88.9	89.0	89.2	89.8	90.3
≥ 1800	58.5	77.6	84.7	87.8	89.0	89.2	89.6	89.7	89.7	89.8	90.1	90.1	90.2	90.4	91.0	91.5
≥ 1500	58.8	78.3	85.4	88.5	89.7	89.9	90.2	90.3	90.3	90.4	90.8	90.8	90.9	91.1	91.6	92.2
≥ 1200	59.0	78.7	86.0	89.2	90.4	90.8	91.1	91.2	91.2	91.3	91.6	91.6	91.7	91.9	92.5	93.0
≥ 1000	59.1	79.0	86.9	90.2	91.5	91.8	92.2	92.3	92.3	92.4	92.7	92.7	92.8	93.0	93.5	94.1
≥ 900	59.1	79.1	87.0	90.3	91.9	92.3	92.6	92.7	92.7	92.8	93.1	93.1	93.2	93.4	94.0	94.5
≥ 800	59.5	79.5	87.4	90.8	92.6	92.9	93.2	93.3	93.3	93.4	93.9	93.9	94.0	94.2	94.7	95.3
≥ 700	59.7	79.7	88.0	91.4	93.5	93.9	94.2	94.3	94.3	94.4	94.8	94.8	94.9	95.2	95.7	96.2
≥ 600	59.7	79.7	88.0	91.5	93.9	94.2	94.5	94.6	94.6	94.7	95.2	95.2	95.3	95.5	96.0	96.6
≥ 500	59.8	79.8	88.1	91.6	94.1	94.4	94.7	94.8	94.8	95.1	95.5	95.5	95.6	95.8	96.3	96.9
≥ 400	59.8	79.8	88.2	91.7	94.3	94.6	94.9	95.2	95.2	95.4	95.8	95.8	95.9	96.1	96.7	97.2
≥ 300	59.8	79.8	88.2	91.7	94.7	95.1	95.5	95.8	95.8	96.0	96.6	96.6	96.7	96.9	97.4	98.1
≥ 200	59.8	79.8	88.2	91.8	94.8	95.2	95.6	95.9	95.9	96.1	96.7	96.7	97.0	97.2	98.3	98.9
≥ 100	59.8	79.8	88.2	91.8	94.8	95.2	95.6	95.9	95.9	96.1	96.8	96.8	97.2	97.4	98.7	99.9
≥ 0	59.8	79.8	88.2	91.8	94.8	95.2	95.6	95.9	95.9	96.1	96.8	96.8	97.2	97.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS IN ST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥5/16	≥¼	≥0
NO CEILING	28.6	47.1	51.6	55.9	58.7	59.0	60.6	61.5	61.7	62.1	62.2	62.3	62.6	62.6	63.0	63.3
≥ 20000	29.8	48.5	53.3	58.0	61.1	61.6	63.6	64.5	64.7	65.1	65.2	65.3	65.7	65.7	66.1	66.5
≥ 15000	29.8	48.5	53.3	58.0	61.1	61.6	63.6	64.5	64.7	65.1	65.2	65.3	65.7	65.7	66.1	66.5
≥ 14000	29.8	48.7	53.4	58.1	61.2	61.7	63.7	64.6	64.8	65.2	65.3	65.4	65.8	65.8	66.2	66.6
≥ 12000	30.0	49.1	53.8	58.6	61.7	62.1	64.2	65.0	65.2	65.7	65.8	65.9	66.2	66.2	66.6	67.1
≥ 10000	30.6	50.1	55.0	59.7	63.0	63.4	65.8	66.8	67.1	67.6	67.7	67.8	68.1	68.1	68.6	69.0
≥ 9000	31.6	51.8	57.2	62.1	65.7	66.1	68.8	69.9	70.1	70.6	70.7	70.8	71.2	71.2	71.6	72.0
≥ 8000	31.6	51.9	57.3	62.2	65.8	66.2	68.9	70.0	70.2	70.7	70.8	70.9	71.3	71.3	71.7	72.1
≥ 7000	32.1	52.7	58.6	63.8	67.7	68.4	71.3	72.4	72.7	73.2	73.3	73.4	73.8	73.8	74.4	74.8
≥ 6000	32.8	53.9	60.0	65.2	69.5	70.2	73.1	74.3	74.5	75.0	75.1	75.2	75.7	75.7	76.2	76.6
≥ 5000	33.3	54.5	60.7	66.1	70.4	71.0	74.0	75.1	75.3	75.9	76.0	76.1	76.5	76.5	77.1	77.5
≥ 4500	34.0	55.5	62.0	67.5	71.8	72.4	75.3	76.5	76.7	77.3	77.5	77.6	78.0	78.0	78.6	79.0
≥ 4000	34.7	56.5	63.1	68.6	73.0	73.7	76.6	77.8	78.0	78.6	78.8	78.9	79.3	79.3	79.9	80.3
≥ 3500	35.1	57.4	63.9	69.4	73.8	74.7	77.6	78.8	79.0	79.5	79.8	79.9	80.3	80.3	80.8	81.3
≥ 3000	35.2	57.8	64.4	70.2	74.6	75.5	78.4	79.5	79.8	80.3	80.5	80.6	81.1	81.1	81.6	82.0
≥ 2500	35.3	58.1	64.8	70.8	75.7	76.5	79.5	80.7	80.9	81.5	81.7	81.8	82.2	82.2	82.8	83.2
≥ 2000	35.7	59.1	65.9	72.0	76.9	77.8	81.2	82.5	82.7	83.2	83.4	83.5	84.0	84.0	84.5	84.9
≥ 1800	35.8	59.6	66.6	72.9	77.9	78.9	82.2	83.5	83.7	84.3	84.5	84.6	85.0	85.0	85.6	86.0
≥ 1500	36.1	60.2	67.6	73.8	79.0	80.0	83.3	84.6	84.8	85.4	85.6	85.7	86.1	86.1	86.7	87.1
≥ 1200	36.2	60.9	68.5	74.8	80.1	81.1	84.4	85.7	85.9	86.4	86.7	86.8	87.2	87.2	87.7	88.2
≥ 1000	36.4	61.9	69.4	75.9	81.5	82.5	85.8	87.1	87.4	87.9	88.2	88.3	88.7	88.7	89.2	89.7
≥ 900	36.7	62.4	70.1	76.6	82.5	83.4	86.8	88.1	88.4	88.9	89.1	89.2	89.7	89.7	90.2	90.6
≥ 800	36.8	62.9	70.5	77.2	83.2	84.2	87.6	88.9	89.2	89.8	90.0	90.1	90.5	90.5	91.1	91.5
≥ 700	36.9	63.2	70.8	77.6	83.7	84.7	88.2	89.5	89.8	90.3	90.5	90.6	91.1	91.1	91.6	92.1
≥ 600	37.0	63.5	71.2	78.0	84.8	85.9	89.3	90.7	91.1	91.6	91.8	91.9	92.5	92.5	93.0	93.5
≥ 500	37.1	63.8	71.7	78.7	85.7	86.9	90.4	91.9	92.2	92.8	93.0	93.1	93.6	93.6	94.2	94.7
≥ 400	37.1	63.8	71.8	79.1	86.2	87.4	91.0	92.6	92.9	93.4	93.6	93.8	94.3	94.3	94.8	95.4
≥ 300	37.1	63.8	71.8	79.2	86.5	87.7	91.3	92.9	93.2	93.8	94.1	94.2	94.7	94.7	95.3	95.8
≥ 200	37.1	63.8	71.8	79.3	86.8	87.9	91.5	93.2	93.8	94.3	94.6	94.7	95.4	95.4	95.9	96.8
≥ 100	37.1	63.8	71.8	79.3	86.8	87.9	91.5	93.2	93.8	94.3	94.6	94.7	95.6	95.7	96.3	97.6
≥ 0	37.1	63.8	71.8	79.3	86.8	87.9	91.5	93.2	93.8	94.3	94.7	94.8	95.9	96.0	97.1	99.4
	37.1	63.8	71.8	79.3	86.8	87.9	91.5	93.2	93.8	94.3	94.7	94.8	95.9	96.0	97.1	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	36.0	57.9	60.9	62.3	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 20000	37.0	60.6	64.0	65.8	66.4	66.5	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8
≥ 18000	37.0	60.6	64.0	65.8	66.4	66.5	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8
≥ 16000	37.1	60.8	64.3	66.0	66.6	66.7	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1
≥ 14000	37.2	60.9	64.4	66.1	66.7	66.8	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2
≥ 12000	37.8	62.1	65.6	67.4	68.0	68.1	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5
≥ 10000	40.3	66.0	69.5	71.7	72.6	72.7	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0
≥ 9000	40.7	66.5	70.2	72.6	73.6	73.7	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1
≥ 8000	41.4	67.9	71.8	74.5	75.6	75.7	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0
≥ 7000	42.2	68.9	73.0	75.7	76.7	76.9	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2
≥ 6000	42.4	69.8	73.8	76.5	77.7	77.8	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
≥ 5000	42.7	70.4	74.5	77.3	78.5	78.6	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4500	42.9	71.2	75.3	78.3	79.4	79.5	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4000	43.4	71.8	76.0	79.1	80.3	80.4	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3500	43.5	72.4	76.7	80.0	81.4	81.5	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3000	43.6	73.1	77.5	80.8	82.5	82.7	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2500	44.1	74.6	79.1	82.5	84.1	84.3	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6
≥ 2000	44.7	76.2	81.1	84.4	86.0	86.2	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1800	44.9	76.5	81.4	84.7	86.3	86.5	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1500	45.6	77.9	83.0	86.4	88.1	88.3	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1200	46.0	78.8	84.2	88.4	90.3	90.5	90.7	90.7	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1000	46.2	79.8	85.4	89.8	92.1	92.5	92.7	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900	46.2	80.3	86.0	90.7	93.2	93.6	93.9	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 800	46.3	80.6	86.4	91.4	94.1	94.7	95.0	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	46.4	81.2	87.1	92.0	94.8	95.6	95.9	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 600	46.4	81.5	87.6	92.9	95.8	96.6	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	46.4	81.5	87.6	92.9	96.0	96.9	97.6	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	46.4	81.5	87.6	92.9	96.2	97.1	97.8	98.5	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	46.4	81.5	87.6	92.9	96.2	97.1	97.8	98.6	98.7	98.8	99.0	99.0	99.0	99.2	99.2	99.4
≥ 200	46.4	81.5	87.6	92.9	96.2	97.1	97.8	98.6	98.7	98.9	99.2	99.2	99.4	99.6	99.7	99.9
≥ 100	46.4	81.5	87.6	92.9	96.2	97.1	97.8	98.6	98.7	98.9	99.2	99.2	99.4	99.6	99.7	99.9
≥ 0	46.4	81.5	87.6	92.9	96.2	97.1	97.8	98.6	98.7	98.9	99.2	99.2	99.4	99.6	99.7	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	47.0	64.9	65.3	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
≥ 20000	49.0	69.5	70.0	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 18000	49.0	69.5	70.0	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 16000	49.2	69.7	70.2	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 14000	49.5	70.1	70.6	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 12000	50.6	72.2	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 10000	53.3	76.3	77.1	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 9000	53.7	76.8	77.5	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 8000	54.8	79.0	79.9	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 7000	56.8	81.2	82.0	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 6000	57.3	81.8	82.7	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 5000	58.3	83.0	83.9	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4500	58.3	83.1	84.0	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4000	59.8	85.1	85.9	86.6	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3500	60.4	86.2	87.1	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3000	60.8	87.7	88.6	89.5	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500	62.3	90.3	91.3	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2000	62.6	91.1	92.8	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	62.7	91.7	93.7	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1500	62.9	92.6	94.5	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1200	63.1	93.0	95.1	96.3	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	63.1	93.2	95.3	96.7	97.7	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	63.1	93.4	95.5	97.0	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	63.1	93.4	95.5	97.1	98.4	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	63.1	93.5	95.8	97.4	98.8	98.9	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	63.1	93.5	95.9	97.6	99.0	99.1	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	63.1	93.7	96.0	97.7	99.4	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	63.1	93.7	96.0	97.7	99.4	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	63.1	93.7	96.0	97.7	99.4	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	63.1	93.7	96.0	97.7	99.4	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	63.1	93.7	96.0	97.7	99.4	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	63.1	93.7	96.0	97.7	99.4	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.8	64.5	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 20000	51.2	70.9	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	71.7
≥ 18000	51.3	71.1	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 16000	51.3	71.1	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 14000	51.8	71.7	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 12000	53.4	74.6	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 10000	55.3	77.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 9000	55.3	77.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 8000	57.6	80.9	82.0	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 7000	58.7	82.2	83.3	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 6000	59.6	83.7	84.8	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 5000	61.1	85.4	86.6	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4500	61.7	86.3	87.5	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4000	63.1	88.2	89.4	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3500	63.9	89.9	91.1	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3000	64.2	91.2	92.4	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2500	65.2	92.3	93.9	94.1	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2000	65.2	93.2	94.9	95.4	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	65.4	93.5	95.4	95.8	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1500	65.8	94.5	96.3	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	65.9	94.7	96.7	97.2	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	66.0	94.8	97.0	97.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	66.0	94.9	97.1	98.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	66.0	94.9	97.2	98.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	66.0	94.9	97.3	98.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	66.0	94.9	97.3	98.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	66.0	94.9	97.3	98.2	99.4	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	66.0	94.9	97.3	98.2	99.4	99.4	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	66.0	94.9	97.3	98.2	99.4	99.4	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	66.0	94.9	97.3	98.2	99.4	99.4	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	66.0	94.9	97.3	98.2	99.4	99.4	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥	66.0	94.9	97.3	98.2	99.4	99.4	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	54.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 20000	56.9	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 18000	56.9	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 16000	56.9	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 14000	57.1	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 12000	58.6	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 10000	61.1	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 9000	61.2	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 8000	63.3	83.9	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 7000	64.2	85.1	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 6000	65.7	87.1	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 5000	67.2	89.2	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 4500	67.2	89.4	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4000	68.5	91.2	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3500	69.1	92.3	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3000	69.5	92.8	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2500	70.3	93.7	94.6	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2000	70.4	94.1	95.3	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1800	70.4	94.1	95.3	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1500	70.9	94.6	95.9	96.3	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	71.1	94.9	96.5	96.9	97.1	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	71.4	95.4	97.2	97.8	98.1	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	71.4	95.4	97.2	97.8	98.1	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	71.5	95.5	97.4	98.1	98.3	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	71.5	95.7	97.6	98.4	98.6	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	71.6	95.8	97.7	98.5	98.9	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	71.6	95.8	97.7	98.6	99.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	71.6	95.8	97.7	98.6	99.1	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	71.6	95.8	97.7	98.6	99.1	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	71.6	95.8	97.7	98.6	99.1	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
> 100	71.6	95.8	97.7	98.6	99.1	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	71.6	95.8	97.7	98.6	99.1	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	59.0	73.6	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2
≥ 20000	60.3	76.4	77.6	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0
≥ 18000	60.3	76.4	77.6	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0
≥ 16000	60.3	76.4	77.6	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0
≥ 14000	60.5	76.6	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.3	78.3	78.3	78.3
≥ 12000	61.7	78.1	79.3	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8
≥ 10000	63.7	80.8	82.1	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6
≥ 9000	63.9	81.1	82.3	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8
≥ 8000	66.6	84.7	86.2	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8
≥ 7000	67.5	85.6	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6
≥ 6000	68.8	87.1	88.6	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1
≥ 5000	69.3	87.6	89.1	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7
≥ 4500	69.6	87.9	89.5	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0
≥ 4000	70.9	89.8	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9
≥ 3500	71.2	90.0	91.6	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1
≥ 3000	71.3	90.2	91.9	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5
≥ 2500	72.3	91.8	93.6	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4
≥ 2000	72.6	92.4	94.3	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0
≥ 1800	72.6	92.6	94.5	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
≥ 1500	73.1	93.3	95.6	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.6	96.6	96.6	96.6
≥ 1200	73.1	93.4	95.7	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
≥ 1000	73.4	93.8	96.0	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 900	73.6	94.0	96.2	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 800	74.2	94.7	97.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 700	74.3	94.8	97.1	98.2	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 600	74.4	95.0	97.3	98.5	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 500	74.4	95.0	97.3	98.6	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	74.6	95.3	97.5	98.8	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	74.6	95.3	97.5	98.8	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	74.6	95.3	97.5	98.8	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	74.6	95.3	97.5	98.8	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	74.6	95.3	97.5	98.8	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) OCT (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	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	47.1	64.1	66.1	67.2	67.8	67.9	68.1	68.2	68.3	68.3	68.4	68.4	68.5	68.5	68.6	68.7
≥ 20000	48.8	67.3	69.[illegible]	70.7	71.3	71.4	71.8	71.9	71.9	72.0	72.1	72.1	72.2	72.2	72.3	72.4
≥ 18000	48.8	67.4	69.6	70.8	71.4	71.5	71.8	71.9	72.0	72.0	72.1	72.1	72.2	72.2	72.3	72.5
≥ 16000	48.9	67.4	69.7	70.8	71.5	71.6	71.9	72.0	72.0	72.1	72.2	72.2	72.3	72.3	72.4	72.5
≥ 14000	49.1	67.7	69.9	71.1	71.7	71.8	72.1	72.3	72.3	72.4	72.5	72.5	72.5	72.6	72.7	72.8
≥ 12000	50.2	69.4	71.7	72.8	73.5	73.6	73.9	74.1	74.1	74.2	74.3	74.3	74.4	74.4	74.5	74.6
≥ 10000	52.0	72.3	74.7	76.0	76.7	76.8	77.2	77.4	77.4	77.5	77.6	77.6	77.7	77.7	77.8	77.9
≥ 9000	52.2	72.5	74.9	76.3	77.0	77.1	77.5	77.7	77.7	77.8	77.9	77.9	78.0	78.0	78.1	78.2
≥ 8000	53.7	74.7	77.4	79.0	79.8	80.0	80.4	80.6	80.6	80.7	80.8	80.8	80.9	80.9	81.0	81.2
≥ 7000	54.6	75.9	78.7	80.2	81.2	81.3	81.7	81.9	81.9	82.0	82.1	82.1	82.2	82.2	82.4	82.5
≥ 6000	55.5	77.0	79.8	81.4	82.4	82.5	83.0	83.1	83.1	83.2	83.3	83.3	83.4	83.4	83.6	83.7
≥ 5000	56.5	78.3	81.2	82.9	83.9	84.0	84.4	84.6	84.6	84.7	84.8	84.8	84.9	84.9	85.1	85.2
≥ 4500	56.8	78.8	81.8	83.5	84.5	84.6	85.0	85.2	85.2	85.3	85.4	85.4	85.5	85.5	85.7	85.8
≥ 4000	57.8	80.2	83.2	85.0	86.0	86.1	86.6	86.7	86.7	86.8	87.0	87.0	87.1	87.1	87.2	87.3
≥ 3500	58.3	81.0	84.2	86.0	87.0	87.2	87.6	87.8	87.8	87.9	88.0	88.0	88.1	88.1	88.2	88.4
≥ 3000	58.6	81.9	85.1	87.0	88.1	88.3	88.7	88.9	88.9	89.0	89.1	89.2	89.2	89.3	89.4	89.5
≥ 2500	59.4	83.1	86.5	88.4	89.6	89.8	90.3	90.4	90.5	90.5	90.7	90.7	90.8	90.8	90.9	91.1
≥ 2000	59.7	84.0	87.6	89.6	90.8	91.0	91.5	91.7	91.7	91.8	91.9	91.9	92.0	92.1	92.2	92.3
≥ 1800	59.9	84.4	88.2	90.2	91.4	91.6	92.1	92.3	92.3	92.4	92.5	92.5	92.6	92.6	92.8	92.9
≥ 1500	60.2	85.2	89.1	91.2	92.5	92.7	93.2	93.4	93.4	93.5	93.6	93.7	93.7	93.8	93.9	94.0
≥ 1200	60.4	85.7	89.7	92.0	93.4	93.6	94.2	94.4	94.4	94.5	94.6	94.7	94.7	94.8	94.9	95.0
≥ 1000	60.6	86.1	90.3	92.7	94.3	94.5	95.1	95.3	95.3	95.4	95.6	95.6	95.7	95.7	95.8	96.0
≥ 900	60.7	86.3	90.5	93.0	94.7	95.0	95.5	95.7	95.8	95.9	96.0	96.0	96.1	96.1	96.2	96.4
≥ 800	60.8	86.6	90.8	93.4	95.2	95.5	96.0	96.3	96.3	96.4	96.6	96.6	96.7	96.7	96.8	97.0
≥ 700	60.9	86.8	91.1	93.8	95.8	96.1	96.7	97.0	97.0	97.1	97.2	97.3	97.4	97.4	97.5	97.7
≥ 600	61.0	86.9	91.3	94.1	96.2	96.5	97.1	97.5	97.5	97.6	97.7	97.8	97.8	97.9	98.0	98.2
≥ 500	61.0	87.0	91.4	94.2	96.5	96.9	97.5	97.9	98.0	98.1	98.2	98.2	98.3	98.3	98.5	98.6
≥ 400	61.0	87.0	91.5	94.3	96.6	97.0	97.7	98.1	98.2	98.3	98.5	98.5	98.6	98.6	98.8	98.9
≥ 300	61.0	87.0	91.5	94.3	96.7	97.1	97.8	98.3	98.4	98.5	98.7	98.7	98.8	98.9	99.0	99.2
≥ 200	61.0	87.0	91.5	94.3	96.7	97.1	97.8	98.3	98.4	98.5	98.7	98.7	98.9	99.0	99.2	99.5
≥ 100	61.0	87.0	91.5	94.3	96.7	97.1	97.8	98.3	98.4	98.5	98.8	98.8	99.0	99.1	99.4	99.9
≥ 0	61.0	87.0	91.5	94.3	96.7	97.1	97.8	98.3	98.4	98.5	98.8	98.8	99.0	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7437

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	>10	≤6	≥5	≥4	≥3	≥2	≥1 7/8	≥1 1/4	≥1	≥7/8	≥5/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	56.0	66.8	68.4	68.6	69.0	69.0	69.1	69.1	69.2	69.6	69.6	69.6	69.7	69.7	69.8	69.8
≥ 20000	57.0	68.7	70.3	70.4	70.9	70.9	71.0	71.0	71.1	71.4	71.4	71.4	71.6	71.6	71.7	71.7
≥ 18000	57.0	68.7	70.3	70.4	70.9	70.9	71.0	71.0	71.1	71.4	71.4	71.4	71.6	71.6	71.7	71.7
≥ 16000	57.0	68.7	70.3	70.4	70.9	70.9	71.0	71.0	71.1	71.4	71.4	71.4	71.6	71.6	71.7	71.7
≥ 14000	57.0	68.7	70.3	70.4	70.9	70.9	71.0	71.0	71.1	71.4	71.4	71.4	71.6	71.6	71.7	71.7
≥ 12000	57.6	69.3	71.0	71.1	71.6	71.6	71.7	71.8	71.9	72.2	72.2	72.2	72.3	72.3	72.4	72.4
≥ 10000	60.6	72.7	74.3	74.4	74.9	74.9	75.0	75.1	75.2	75.6	75.6	75.6	75.7	75.7	75.8	75.8
≥ 9000	60.6	72.9	74.6	74.7	75.1	75.1	75.2	75.3	75.4	75.8	75.8	75.8	75.9	75.9	76.0	76.0
≥ 8000	62.2	75.6	77.3	77.4	78.1	78.1	78.2	78.3	78.4	78.8	78.8	78.8	78.9	78.9	79.0	79.0
≥ 7000	63.7	77.2	79.1	79.2	79.9	79.9	80.0	80.1	80.2	80.6	80.6	80.6	80.7	80.7	80.8	80.8
≥ 6000	65.0	78.9	80.8	80.9	81.6	81.6	81.7	81.8	81.9	82.2	82.2	82.2	82.3	82.3	82.4	82.4
≥ 5000	65.9	80.0	82.0	82.1	82.8	82.8	82.9	83.0	83.1	83.4	83.4	83.4	83.6	83.6	83.7	83.7
≥ 4500	66.0	80.1	82.1	82.2	82.9	82.9	83.0	83.1	83.2	83.6	83.6	83.6	83.7	83.7	83.8	83.8
≥ 4000	67.0	81.9	84.1	84.2	84.9	84.9	85.0	85.1	85.2	85.6	85.6	85.6	85.7	85.7	85.8	85.8
≥ 3500	67.6	83.1	85.4	85.6	86.2	86.2	86.3	86.4	86.6	86.9	86.9	86.9	87.0	87.0	87.1	87.1
≥ 3000	67.8	83.4	85.8	85.9	86.6	86.6	86.7	86.8	86.9	87.2	87.2	87.2	87.3	87.3	87.4	87.4
≥ 2500	68.0	83.7	86.1	86.2	86.9	86.9	87.0	87.1	87.2	87.6	87.6	87.6	87.7	87.7	87.8	87.8
≥ 2000	68.4	84.1	86.6	86.7	87.3	87.3	87.4	87.6	87.7	88.0	88.0	88.0	88.1	88.1	88.2	88.2
≥ 1800	68.4	84.1	86.6	86.7	87.3	87.4	87.6	87.7	87.8	88.1	88.1	88.1	88.2	88.2	88.3	88.3
≥ 1500	68.6	84.2	86.8	86.9	87.6	87.7	87.8	87.9	88.0	88.3	88.3	88.3	88.4	88.4	88.6	88.6
≥ 1200	68.7	85.0	87.8	88.0	88.7	88.8	88.9	89.0	89.1	89.4	89.4	89.4	89.6	89.6	89.7	89.7
≥ 1000	68.7	85.0	87.9	88.2	88.9	89.0	89.1	89.2	89.3	89.7	89.7	89.7	89.8	89.8	89.9	89.9
≥ 900	68.9	85.3	88.3	88.9	89.8	89.9	90.0	90.1	90.2	90.6	90.6	90.6	90.7	90.7	90.8	90.8
≥ 800	69.0	85.7	89.1	89.7	90.8	90.9	91.0	91.1	91.2	91.6	91.6	91.6	91.7	91.7	91.8	91.8
≥ 700	69.0	85.7	89.1	89.7	91.6	91.7	91.9	92.0	92.1	92.4	92.4	92.4	92.6	92.6	92.7	92.7
≥ 600	69.0	85.9	89.3	90.1	92.2	92.4	92.8	92.9	93.0	93.4	93.4	93.4	93.6	93.6	93.7	93.7
≥ 500	69.0	86.2	89.8	90.6	93.2	93.6	94.2	94.7	94.8	95.2	95.2	95.2	95.3	95.3	95.4	95.4
≥ 400	69.0	86.2	89.8	90.6	93.3	93.7	94.6	95.0	95.1	95.7	95.7	95.7	95.8	95.8	95.9	95.9
≥ 300	69.0	86.3	89.9	90.7	94.0	94.6	95.7	96.4	96.7	97.6	97.6	97.6	97.7	97.7	97.8	97.8
≥ 200	69.0	86.3	89.9	90.7	94.2	94.8	96.0	96.9	97.3	98.3	98.3	98.3	98.4	98.7	98.8	99.2
≥ 100	69.0	86.3	89.9	90.7	94.2	94.8	96.0	96.9	97.3	98.3	98.3	98.3	98.7	98.9	99.1	99.6
≥ 0	69.0	86.3	89.9	90.7	94.2	94.8	96.0	96.9	97.3	98.3	98.3	98.3	98.7	99.0	99.2	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	0
NO CEILING	53.3	64.4	65.8	66.2	66.4	66.4	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.2	67.6
≥ 20000	53.9	66.0	67.3	67.8	68.0	68.0	68.3	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.8	69.1
> 18000	53.9	66.0	67.3	67.8	68.0	68.0	68.3	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.8	69.1
≥ 16000	53.9	66.0	67.3	67.8	68.0	68.0	68.3	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.8	69.1
> 14000	53.9	66.0	67.3	67.8	68.0	68.0	68.3	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.8	69.1
≥ 12000	54.3	66.4	67.8	68.2	68.4	68.4	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.2	69.6
> 10000	56.6	69.9	71.3	71.9	72.1	72.1	72.4	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.9	73.2
≥ 9000	57.1	70.4	71.9	72.4	72.7	72.7	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.4	73.8
≥ 8000	58.0	71.4	72.9	73.4	73.7	73.7	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.4	74.8
≥ 7000	59.8	73.8	75.2	75.9	76.2	76.3	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	77.1	77.4
≥ 6000	60.3	75.0	76.7	77.4	77.8	77.9	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.7	79.0
≥ 5000	61.7	77.0	78.8	79.6	79.9	80.0	80.3	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.8	81.1
≥ 4500	62.0	77.7	79.4	80.2	80.6	80.7	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.4	81.8
≥ 4000	62.7	78.4	80.2	81.0	81.3	81.4	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.2	82.6
≥ 3500	63.7	79.9	81.7	82.4	82.8	82.9	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.7	84.0
≥ 3000	64.2	80.6	82.4	83.2	83.6	83.7	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.4	84.8
≥ 2500	64.2	80.7	82.6	83.3	83.7	83.8	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.6	84.9
≥ 2000	64.3	81.0	83.2	84.0	84.3	84.4	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.2	85.6
≥ 1800	64.7	81.3	83.6	84.3	84.7	84.8	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.6	85.9
≥ 1500	64.7	81.4	83.7	84.4	85.0	85.1	85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.9	86.2
≥ 1200	64.9	82.2	84.7	85.7	86.2	86.3	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	87.1	87.4
≥ 1000	65.1	82.4	85.0	86.0	86.7	86.8	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.6	87.9
≥ 900	65.2	82.8	85.4	86.8	87.6	87.7	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.4	88.8
≥ 800	65.3	83.1	86.0	87.4	88.2	88.3	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	89.1	89.4
≥ 700	65.3	83.2	86.3	87.9	88.8	88.9	89.3	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.8	90.1
≥ 600	65.3	83.3	86.6	88.6	89.9	90.1	90.6	90.7	90.7	90.9	90.9	90.9	90.9	90.9	91.1	91.4
≥ 500	65.3	83.3	86.9	88.9	90.8	91.3	92.2	92.3	92.4	92.7	92.7	92.7	92.7	92.7	92.9	93.2
≥ 400	65.3	83.3	86.9	88.9	91.0	91.6	92.8	92.9	93.0	93.3	93.3	93.4	93.4	93.4	93.7	94.0
≥ 300	65.4	83.4	87.1	89.3	92.0	92.9	94.3	94.9	95.0	95.3	95.3	95.4	95.6	95.6	95.8	96.1
≥ 200	65.4	83.4	87.1	89.4	92.6	93.4	94.9	95.9	96.1	96.4	96.4	96.6	96.7	96.9	97.1	98.0
> 100	65.4	83.4	87.1	89.4	92.6	93.6	95.0	96.0	96.2	96.6	96.6	96.7	97.2	97.6	98.0	99.2
≥ 0	65.4	83.4	87.1	89.4	92.6	93.6	95.0	96.0	96.2	96.6	96.6	96.7	97.2	97.6	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥5/16	≥¼	≥0
NO CEILING	39.0	54.2	58.3	60.4	61.0	61.3	61.8	62.2	62.3	62.7	62.7	62.7	62.7	62.7	62.9	63.3
≥ 20000	39.9	55.9	60.2	62.6	63.2	63.7	64.2	64.7	64.8	65.1	65.2	65.2	65.3	65.3	65.6	66.1
≥ 18000	39.9	55.9	60.2	62.6	63.2	63.7	64.2	64.7	64.8	65.1	65.2	65.2	65.3	65.3	65.6	66.1
≥ 16000	39.9	55.9	60.2	62.6	63.2	63.7	64.2	64.7	64.8	65.1	65.2	65.2	65.3	65.3	65.6	66.1
≥ 14000	40.3	56.4	60.8	63.1	63.8	64.2	64.8	65.2	65.3	65.7	65.8	65.8	65.9	65.9	66.1	66.7
≥ 12000	41.0	57.4	62.0	64.4	65.1	65.6	66.1	66.6	66.7	67.0	67.1	67.1	67.2	67.2	67.4	68.0
≥ 10000	42.7	60.0	65.0	67.7	68.7	69.1	69.7	70.1	70.2	70.6	70.7	70.7	70.9	70.9	71.1	71.7
≥ 9000	43.4	60.8	65.8	68.4	69.4	69.9	70.4	70.9	71.0	71.3	71.4	71.4	71.7	71.7	71.9	72.4
≥ 8000	43.9	62.1	67.2	70.1	71.3	71.8	72.3	72.8	72.9	73.2	73.3	73.3	73.6	73.6	73.8	74.3
≥ 7000	44.9	63.3	68.4	71.3	72.6	73.0	73.6	74.0	74.1	74.4	74.5	74.6	74.8	74.8	75.0	75.6
≥ 6000	45.6	64.6	69.7	72.8	74.1	74.6	75.1	75.6	75.7	76.0	76.1	76.1	76.3	76.3	76.6	77.1
≥ 5000	46.4	66.0	71.7	74.8	76.1	76.6	77.1	77.8	77.9	78.2	78.3	78.3	78.7	78.7	78.9	79.4
≥ 4500	46.8	67.0	72.8	76.0	77.6	78.0	78.6	79.2	79.3	79.7	79.8	79.8	80.1	80.1	80.3	80.9
≥ 4000	47.6	68.3	74.3	77.7	79.3	79.8	80.6	81.3	81.4	81.8	81.9	81.9	82.2	82.2	82.4	83.0
≥ 3500	47.8	68.8	74.8	78.2	79.9	80.3	81.1	81.9	82.0	82.3	82.4	82.4	82.8	82.8	83.0	83.6
≥ 3000	47.8	68.9	75.1	78.6	80.3	80.9	81.7	82.4	82.6	82.9	83.0	83.0	83.3	83.3	83.6	84.1
≥ 2500	47.9	69.0	75.3	78.9	80.6	81.1	82.0	82.8	82.9	83.2	83.3	83.3	83.7	83.7	83.9	84.4
≥ 2000	48.0	69.7	76.2	79.8	81.6	82.1	83.1	84.0	84.1	84.4	84.6	84.6	84.9	84.9	85.1	85.7
≥ 1800	48.0	69.7	76.2	79.8	81.6	82.1	83.1	84.0	84.1	84.4	84.6	84.6	84.9	84.9	85.1	85.7
≥ 1500	48.1	70.0	76.6	80.2	82.0	82.6	83.6	84.4	84.6	84.9	85.0	85.0	85.3	85.3	85.6	86.1
≥ 1200	48.3	70.4	77.1	81.0	82.9	83.4	84.4	85.4	85.6	85.9	86.0	86.0	86.3	86.3	86.6	87.1
≥ 1000	48.6	70.9	77.7	81.7	83.6	84.1	85.2	86.2	86.3	86.7	86.8	86.8	87.1	87.1	87.3	87.9
≥ 900	40.8	71.2	78.1	82.1	84.0	84.6	85.7	86.7	86.8	87.1	87.2	87.2	87.6	87.6	87.8	88.3
≥ 800	48.8	71.4	78.6	82.6	84.6	85.1	86.2	87.2	87.3	87.7	87.8	87.8	88.1	88.1	88.3	88.9
≥ 700	48.8	71.6	78.9	83.1	85.6	86.1	87.4	88.4	88.6	88.9	89.0	89.0	89.3	89.3	89.6	90.1
≥ 600	48.8	71.7	79.0	83.3	85.9	86.4	87.9	88.9	89.0	89.3	89.4	89.4	89.8	89.8	90.0	90.6
≥ 500	48.8	71.8	79.1	83.6	87.1	87.7	89.6	90.7	90.8	91.1	91.2	91.2	91.6	91.6	91.8	92.3
≥ 400	48.8	71.8	79.1	84.0	88.6	89.2	91.2	92.6	92.7	93.0	93.1	93.1	93.6	93.6	93.8	94.3
≥ 300	48.8	71.8	79.1	84.1	88.8	89.6	91.9	93.8	93.9	94.2	94.7	94.7	95.1	95.1	95.3	96.0
≥ 200	48.8	71.8	79.1	84.1	88.8	89.7	92.0	93.9	94.0	94.3	94.8	94.8	95.2	95.2	95.6	96.7
≥ 100	48.8	71.8	79.1	84.1	88.8	89.7	92.0	93.9	94.1	94.6	95.0	95.0	95.8	95.9	97.0	98.8
0	48.8	71.8	79.1	84.1	88.8	89.7	92.0	93.9	94.1	94.6	95.0	95.0	95.8	95.9	97.3	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥ ¾	≥ ½	≥	≥ 5/16	≥ ¼	≥0
NO CEILING	37.6	58.0	60.3	61.1	61.4	61.6	61.8	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.4
≥ 20000	39.0	61.3	64.2	65.0	65.4	65.6	65.8	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.6
≥ 18000	39.0	61.3	64.2	65.0	65.4	65.6	65.8	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.6
≥ 16000	39.1	61.4	64.3	65.1	65.6	65.7	65.9	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.7
≥ 14000	39.3	61.8	64.7	65.4	65.9	66.0	66.2	66.6	66.6	66.8	66.8	66.8	66.8	66.8	66.8	67.0
≥ 12000	40.3	63.6	66.4	67.3	67.8	67.9	68.1	68.4	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.9
≥ 10000	41.2	65.6	68.7	69.9	70.3	70.4	70.7	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.4
≥ 9000	42.0	66.3	69.4	70.7	71.1	71.2	71.4	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.2
≥ 8000	42.6	68.2	71.4	72.9	73.4	73.6	73.8	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.6
≥ 7000	43.4	69.4	72.9	74.4	75.3	75.4	75.7	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.4
≥ 6000	43.9	70.3	73.8	75.4	76.4	76.6	76.8	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.7
≥ 5000	44.1	71.4	75.0	76.8	77.8	77.9	78.2	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	79.1
≥ 4500	44.4	72.2	75.8	77.6	78.7	78.8	79.2	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	80.1
≥ 4000	44.8	73.3	77.1	79.0	80.2	80.3	80.8	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.7
≥ 3500	45.1	73.8	77.8	79.7	80.9	81.0	81.4	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.3
≥ 3000	45.1	74.0	78.0	80.0	81.2	81.3	81.8	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.7
≥ 2500	45.3	74.7	78.8	80.8	82.1	82.3	82.8	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.7
≥ 2000	45.4	75.1	79.3	81.4	83.1	83.3	83.8	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.8
≥ 1800	45.4	75.3	79.7	81.8	83.4	83.7	84.1	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	85.1
≥ 1500	45.6	76.4	80.8	83.0	84.9	85.1	85.6	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.6
≥ 1200	45.9	77.8	82.3	84.9	87.2	87.4	87.9	88.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.9
≥ 1000	45.9	78.0	82.7	85.3	87.7	88.0	88.4	89.2	89.2	89.4	89.6	89.6	89.6	89.6	89.6	89.8
≥ 900	46.0	78.6	83.2	86.2	88.9	89.2	89.8	90.6	90.6	90.8	90.9	90.9	90.9	90.9	90.9	91.1
≥ 800	46.0	78.8	83.7	86.8	89.6	89.9	90.4	91.2	91.2	91.4	91.6	91.6	91.6	91.6	91.6	91.8
≥ 700	46.0	78.8	84.1	87.2	90.7	91.2	91.9	92.7	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.2
≥ 600	46.0	79.3	84.9	88.4	92.0	92.6	93.2	94.0	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.6
500	46.0	79.4	85.0	88.8	93.0	93.7	94.4	95.3	95.6	96.1	96.2	96.2	96.2	96.2	96.2	96.4
≥ 400	46.0	79.6	85.1	88.9	93.3	94.0	95.0	96.0	96.2	96.8	97.0	97.0	97.0	97.0	97.0	97.2
≥ 300	46.0	79.6	85.1	88.9	93.6	94.4	95.6	96.6	96.8	97.4	98.0	98.0	98.0	98.0	98.2	98.4
≥ 200	46.0	79.6	85.1	88.9	93.6	94.4	95.8	96.8	97.1	97.8	98.4	98.4	98.7	98.7	99.2	99.4
100	46.0	79.6	85.1	88.9	93.6	94.4	95.8	96.8	97.1	97.8	98.4	98.4	98.7	98.7	99.2	99.8
0	46.0	79.6	85.1	88.9	93.6	94.4	95.8	96.8	97.1	97.8	98.4	98.4	98.7	98.7	99.3	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (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	47.3	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 20000	48.1	64.8	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
≥ 18000	48.1	64.8	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
≥ 16000	48.3	65.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 14000	48.9	65.7	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 12000	50.7	68.5	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 10000	52.7	71.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
> 9000	53.6	73.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
> 8000	54.6	74.5	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 7000	55.5	76.0	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 6000	56.5	77.9	79.2	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 5000	57.3	79.5	81.0	81.3	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 4500	57.7	80.3	81.8	82.2	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 4000	58.8	82.3	83.9	84.3	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3500	59.1	83.0	84.5	85.0	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3000	59.6	83.9	85.4	85.9	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2500	60.2	84.9	86.5	87.1	87.4	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2000	60.7	86.5	88.4	89.2	89.8	90.0	90.0	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1800	61.0	87.0	88.9	89.9	90.4	90.7	90.7	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1500	61.1	87.8	89.8	91.0	91.5	91.8	91.8	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1200	61.3	88.1	90.7	92.3	93.0	93.3	93.3	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1000	61.3	88.3	91.1	93.4	94.3	94.7	94.8	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 900	61.3	88.3	91.1	93.5	94.4	94.8	94.9	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	61.3	88.3	91.1	93.8	94.7	95.1	95.3	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 700	61.3	88.7	91.4	94.2	95.6	96.1	96.4	96.8	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 600	61.3	88.7	91.5	94.3	95.7	96.2	96.7	97.1	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 500	61.3	88.7	91.7	94.7	96.3	97.0	97.4	98.0	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 400	61.3	88.7	91.8	95.0	96.7	97.3	98.0	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 300	61.3	88.7	91.8	95.3	97.1	98.0	98.7	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 200	61.3	88.7	91.8	95.3	97.1	98.0	98.7	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.8
≥ 100	61.3	88.7	91.8	95.3	97.1	98.0	98.7	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	100.0
≥ 0	61.3	88.7	91.8	95.3	97.1	98.0	98.7	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70, 74-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥	≥	≥	≥5/16	≥	≥0
NO CEILING	50.7	63.2	63.6	63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 20000	52.3	66.7	67.5	67.7	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 18000	52.3	66.7	67.5	67.7	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 16000	52.7	67.2	68.0	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 14000	53.3	67.9	68.6	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 12000	54.5	69.5	70.3	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 10000	57.0	72.9	74.0	74.2	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 9000	58.0	74.0	75.1	75.3	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 8000	60.4	77.1	78.3	78.5	78.6	78.6	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 7000	61.3	78.4	79.6	80.1	80.2	80.2	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 6000	62.4	80.4	81.6	82.2	82.4	82.4	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 5000	63.8	83.0	84.4	85.3	85.5	85.5	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4500	64.1	83.5	85.0	85.9	86.1	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 4000	65.5	85.8	87.4	88.4	88.8	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 3500	65.6	86.0	87.8	88.8	89.1	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3000	65.9	86.8	88.5	89.7	90.0	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500	66.3	87.8	89.8	91.3	91.8	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2000	66.7	88.9	90.9	92.8	93.3	93.4	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1800	66.7	89.0	91.0	93.0	93.5	93.7	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	66.7	89.1	91.2	93.5	94.3	94.4	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200	66.7	89.3	91.7	94.2	95.2	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000	66.7	89.5	91.9	94.8	95.8	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	66.7	89.7	92.0	94.9	96.0	96.1	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	66.7	89.9	92.3	95.6	96.8	96.9	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	66.7	89.9	92.3	95.7	97.1	97.3	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	66.9	90.0	92.5	95.9	97.3	97.6	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
500	66.9	90.1	92.7	96.1	97.9	98.1	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	66.9	90.1	92.7	96.1	98.0	98.2	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	66.9	90.1	92.7	96.1	98.0	98.3	98.9	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	66.9	90.1	92.7	96.1	98.0	98.3	98.9	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8
> 100	66.9	90.1	92.7	96.1	98.0	98.3	98.9	99.3	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0
0	66.9	90.1	92.7	96.1	98.0	98.3	98.9	99.3	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) NOV (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	55.1	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≤ 20000	57.1	70.7	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 18000	57.1	70.7	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 16000	57.1	70.7	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 14000	57.2	70.9	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 12000	58.7	72.4	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 10000	61.0	75.6	75.8	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 9000	61.8	76.6	76.8	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 8000	64.1	79.7	80.2	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 7000	65.7	82.0	82.5	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 6000	67.7	84.3	85.0	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 5000	69.5	86.5	87.3	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 4500	70.0	87.2	88.0	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4000	71.0	88.8	89.8	90.0	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3500	71.3	89.2	90.2	90.5	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3000	71.7	90.0	91.0	91.3	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2500	72.2	91.0	92.0	92.3	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	72.7	91.6	92.9	93.3	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	72.7	91.6	92.9	93.5	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	73.1	92.0	93.5	94.3	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1200	73.1	92.1	93.9	94.8	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	73.1	92.1	93.9	95.0	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	73.1	92.1	93.9	95.1	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800	73.1	92.3	94.1	95.3	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	73.1	92.4	94.2	95.4	96.3	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 600	73.1	92.4	94.2	95.7	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	73.1	92.5	94.4	95.9	97.7	97.8	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	73.2	92.7	94.5	96.0	97.9	98.1	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	73.2	92.7	94.5	96.0	97.9	98.1	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 200	73.2	92.7	94.5	96.0	97.9	98.1	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	73.2	92.7	94.5	96.0	97.9	98.1	98.9	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	73.2	92.7	94.5	96.0	97.9	98.1	98.9	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 898

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) NOV (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	≥1	≥¾	≥½	≥½	≥¼	≥0	
NO CEILING	57.0	69.1	69.5	69.5	69.6	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 20000	58.3	71.4	71.9	71.9	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 18000	58.3	71.4	71.9	71.9	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 16000	58.3	71.4	71.9	71.9	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 14000	58.3	71.4	71.9	71.9	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 12000	59.4	72.8	73.2	73.2	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 10000	62.8	76.3	76.8	76.8	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 9000	63.4	76.9	77.3	77.3	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 8000	65.7	80.4	81.0	81.3	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 7000	67.1	82.0	82.8	83.0	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 6000	68.0	83.3	84.0	84.3	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 5000	69.2	84.7	85.6	85.8	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4500	70.0	85.5	86.4	86.6	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4000	70.5	86.7	87.9	88.2	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3500	70.5	87.1	88.5	88.8	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3000	71.3	87.8	89.3	89.6	89.8	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2500	71.9	88.6	90.2	90.5	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2000	72.4	89.4	91.2	91.5	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1800	72.4	89.4	91.2	91.5	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1500	72.5	89.7	92.1	92.5	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1200	72.5	90.1	92.6	93.2	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000	72.5	90.1	92.7	93.4	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	72.5	90.1	93.0	93.6	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 800	72.5	90.1	93.0	93.6	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 700	72.5	90.2	93.4	94.1	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 600	72.5	90.2	93.5	94.3	95.6	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 500	72.7	90.4	93.8	94.6	96.5	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 400	72.7	90.4	93.8	94.6	97.1	97.4	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	72.7	90.4	93.8	94.6	97.4	98.0	98.3	98.5	98.5	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 200	72.7	90.4	93.8	94.6	97.4	98.0	98.3	98.5	98.5	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 100	72.7	90.4	93.8	94.6	97.4	98.0	98.3	98.8	98.8	99.2	99.3	99.3	99.4	99.4	99.4	99.6
≥ 0	72.7	90.4	93.8	94.6	97.4	98.0	98.3	98.8	98.8	99.2	99.3	99.3	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 996

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 06-70,74-78 (YEARS) NOV (MONTH)

ALL (HOURS N.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥	≥	≥	≥5/16	≥	≥0
NO CEILING	49.5	63.1	64.5	64.9	65.1	65.2	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.7	65.8
≥ 20000	50.7	65.7	67.2	67.7	68.0	68.0	68.2	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.6	68.7
≥ 18000	50.7	65.7	67.2	67.7	68.0	68.0	68.2	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.6	68.7
≥ 16000	50.8	65.8	67.3	67.8	68.1	68.1	68.3	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.7	68.8
≥ 14000	51.0	66.1	67.6	68.1	68.4	68.5	68.6	68.8	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.2
≥ 12000	52.1	67.5	69.1	69.6	69.8	69.9	70.1	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.5	70.6
≥ 10000	54.3	70.6	72.3	72.9	73.2	73.3	73.5	73.7	73.7	73.8	73.8	73.8	73.9	73.9	73.9	74.1
≥ 9000	55.0	71.4	73.	73.7	74.0	74.1	74.3	74.4	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.9
≥ 8000	56.4	73.6	75.5	76.2	76.6	76.7	76.9	77.0	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.5
≥ 7000	57.7	75.3	77.2	78.0	78.5	78.5	78.8	78.9	78.9	79.0	79.1	79.1	79.1	79.1	79.2	79.3
≥ 6000	58.7	76.8	78.8	79.7	80.2	80.3	80.5	80.7	80.7	80.8	80.8	80.8	80.9	80.9	80.9	81.1
≥ 5000	59.7	78.5	80.7	81.6	82.2	82.3	82.5	82.7	82.7	82.8	82.8	82.8	82.9	82.9	83.0	83.1
≥ 4500	60.1	79.2	81.4	82.4	82.9	83.0	83.3	83.5	83.5	83.6	83.6	83.6	83.7	83.7	83.7	83.9
≥ 4000	61.0	80.7	83.1	84.1	84.7	84.8	85.1	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.6	85.7
≥ 3500	61.3	81.3	83.8	84.9	85.5	85.6	85.9	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.4	86.5
≥ 3000	61.7	81.9	84.4	85.5	86.2	86.3	86.6	86.8	86.8	86.9	86.9	86.9	87.0	87.0	87.1	87.2
≥ 2500	62.0	82.5	85.2	86.3	87.0	87.1	87.4	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.9	88.1
≥ 2000	62.3	83.3	86.1	87.3	88.1	88.3	88.6	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.2	89.3
≥ 1800	62.4	83.4	86.2	87.6	88.4	88.5	88.8	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.4	89.6
≥ 1500	62.5	83.8	86.8	88.2	89.1	89.3	89.6	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.2	90.3
≥ 1200	62.7	84.4	87.6	89.3	90.3	90.5	90.8	91.0	91.1	91.2	91.2	91.2	91.3	91.3	91.4	91.5
≥ 1000	62.7	84.5	87.8	89.7	90.8	91.0	91.3	91.6	91.7	91.8	91.9	91.9	91.9	91.9	92.0	92.1
≥ 900	62.8	84.7	88.1	90.1	91.3	91.5	91.9	92.2	92.2	92.4	92.4	92.4	92.5	92.5	92.5	92.7
≥ 800	62.8	84.9	88.5	90.6	91.9	92.1	92.4	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.1	93.3
≥ 700	62.8	85.0	88.7	90.9	92.5	92.8	93.3	93.6	93.7	93.8	93.8	93.8	93.9	93.9	94.0	94.1
≥ 600	62.8	85.2	88.9	91.3	93.2	93.5	94.0	94.4	94.4	94.6	94.6	94.6	94.7	94.7	94.8	94.9
≥ 500	62.9	85.3	89.2	91.6	94.1	94.5	95.2	95.7	95.8	96.0	96.0	96.0	96.1	96.1	96.2	96.3
≥ 400	62.9	85.3	89.2	91.8	94.5	94.9	95.8	96.4	96.4	96.7	96.7	96.8	96.8	96.8	96.9	97.1
≥ 300	62.9	85.4	89.2	91.9	94.8	95.5	96.5	97.2	97.3	97.7	97.8	97.9	98.0	98.0	98.1	98.2
≥ 200	62.9	85.4	89.2	91.9	94.9	95.6	96.7	97.5	97.6	98.0	98.2	98.2	98.4	98.4	98.6	98.9
≥ 100	62.9	85.4	89.2	91.9	94.9	95.6	96.7	97.5	97.7	98.1	98.3	98.3	98.6	98.7	99.0	99.6
≥ 0	62.9	85.4	89.2	91.9	94.9	95.6	96.7	97.5	97.7	98.1	98.3	98.3	98.6	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 7192

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70,74-77 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.5	60.1	61.2	61.4	61.5	61.5	61.7	61.9	61.9	62.0	62.0	62.0	62.0	62.2	62.2	62.2
≥ 20000	53.9	60.5	61.6	61.8	61.9	61.9	62.2	62.4	62.4	62.5	62.5	62.5	62.5	62.6	62.6	62.6
≥ 18000	53.9	60.5	61.6	61.8	61.9	61.9	62.2	62.4	62.4	62.5	62.5	62.5	62.5	62.6	62.6	62.6
≥ 16000	53.9	60.5	61.6	61.8	61.9	61.9	62.2	62.4	62.4	62.5	62.5	62.5	62.5	62.6	62.6	62.6
≥ 14000	54.0	60.8	61.8	62.0	62.2	62.2	62.4	62.6	62.6	62.7	62.7	62.7	62.7	62.8	62.8	62.8
≥ 12000	55.2	62.5	63.7	63.9	64.0	64.0	64.2	64.4	64.4	64.5	64.5	64.5	64.5	64.6	64.6	64.6
≥ 10000	56.9	64.6	65.8	66.0	66.1	66.1	66.3	66.6	66.6	66.7	66.7	66.7	66.7	66.8	66.8	66.8
≥ 9000	57.3	65.3	66.5	66.7	66.8	66.8	67.0	67.2	67.2	67.3	67.3	67.3	67.3	67.4	67.4	67.4
≥ 8000	59.6	68.6	70.2	70.4	70.5	70.5	70.8	71.0	71.0	71.1	71.1	71.1	71.2	71.3	71.4	71.4
≥ 7000	60.3	69.6	71.4	71.6	71.7	71.7	71.9	72.2	72.2	72.3	72.3	72.3	72.4	72.5	72.6	72.6
≥ 6000	62.5	71.9	73.8	74.0	74.1	74.1	74.3	74.5	74.5	74.6	74.6	74.6	74.7	74.8	74.9	74.9
≥ 5000	64.8	74.4	76.5	76.8	76.9	76.9	77.1	77.3	77.3	77.4	77.4	77.4	77.5	77.6	77.7	77.7
≥ 4500	65.4	75.2	77.2	77.5	77.6	77.6	77.8	78.1	78.1	78.2	78.2	78.2	78.3	78.4	78.5	78.5
≥ 4000	66.3	76.5	78.5	78.8	78.9	78.9	79.1	79.4	79.4	79.5	79.5	79.5	79.6	79.7	79.8	79.8
≥ 3500	67.1	77.4	79.5	79.8	79.9	79.9	80.1	80.3	80.3	80.4	80.4	80.4	80.5	80.6	80.8	80.8
≥ 3000	68.6	79.0	81.1	81.4	81.6	81.6	81.8	82.0	82.0	82.2	82.2	82.2	82.3	82.4	82.5	82.5
≥ 2500	68.9	79.5	81.5	81.8	82.0	82.0	82.3	82.5	82.5	82.6	82.6	82.6	82.7	82.8	82.9	82.9
≥ 2000	69.4	80.3	82.7	83.0	83.2	83.2	83.4	83.7	83.7	83.8	83.8	83.8	83.9	84.0	84.1	84.1
≥ 1800	69.5	80.4	82.6	83.1	83.3	83.3	83.5	83.8	83.8	83.9	83.9	83.9	84.0	84.1	84.2	84.2
≥ 1500	69.9	81.1	83.4	83.8	84.0	84.0	84.2	84.4	84.4	84.5	84.5	84.5	84.6	84.7	84.8	84.8
≥ 1200	70.5	82.0	84.8	85.2	85.4	85.4	85.6	85.8	85.8	85.9	85.9	85.9	86.0	86.1	86.2	86.2
≥ 1000	70.6	82.4	85.4	85.8	86.0	86.0	86.2	86.5	86.5	86.6	86.6	86.6	86.7	86.8	86.9	86.9
≥ 900	71.0	82.7	85.7	86.1	86.5	86.5	86.7	86.9	86.9	87.0	87.0	87.0	87.1	87.2	87.3	87.3
≥ 800	71.1	83.0	86.3	86.8	87.3	87.3	87.5	87.7	87.7	87.8	87.8	87.8	88.0	88.1	88.2	88.2
≥ 700	71.1	83.1	86.6	87.0	87.5	87.5	88.0	88.2	88.2	88.3	88.3	88.3	88.4	88.5	88.6	88.6
≥ 600	71.6	83.7	87.2	88.0	89.0	89.1	89.6	89.8	89.8	89.9	89.9	89.9	90.0	90.1	90.2	90.2
≥ 500	71.9	84.0	87.8	88.8	90.2	90.3	91.0	91.2	91.2	91.3	91.3	91.3	91.4	91.5	91.6	91.6
≥ 400	72.0	84.2	88.2	89.1	90.8	91.0	91.7	91.9	91.9	92.3	92.3	92.3	92.4	92.6	92.7	92.7
≥ 300	72.2	84.4	88.4	89.6	91.4	91.7	93.9	94.4	94.4	94.9	95.1	95.1	95.2	95.4	95.5	95.8
≥ 200	72.2	84.4	88.4	89.7	91.8	92.5	94.8	95.8	95.8	96.5	96.8	96.8	97.0	97.2	97.3	97.7
[illegible]	72.2	84.4	88.4	89.7	91.8	92.5	94.8	95.9	95.9	96.7	97.0	97.0	97.6	97.8	98.1	99.4
≥ 0	72.2	84.4	88.4	89.7	91.8	92.5	94.8	95.9	95.9	96.7	97.0	97.0	97.6	97.8	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70,74-77 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS IST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.6	58.9	60.5	60.6	60.8	60.8	60.8	60.9	60.9	60.9	61.2	61.2	61.2	61.2	61.3	61.3
≥ 20000	53.5	60.2	61.8	61.9	62.2	62.2	62.2	62.3	62.3	62.3	62.6	62.6	62.6	62.6	62.7	62.7
≥ 18000	53.5	60.2	61.8	61.9	62.2	62.2	62.2	62.3	62.3	62.3	62.6	62.6	62.6	62.6	62.7	62.7
≥ 16000	53.5	60.2	61.8	61.9	62.2	62.2	62.2	62.3	62.3	62.3	62.6	62.6	62.6	62.6	62.7	62.7
≥ 14000	53.9	60.5	62.3	62.4	62.6	62.6	62.6	62.7	62.7	62.7	63.0	63.0	63.0	63.0	63.1	63.1
≥ 12000	54.5	61.9	63.7	63.8	64.0	64.0	64.0	64.1	64.1	64.1	64.4	64.4	64.4	64.4	64.5	64.5
≥ 10000	55.9	63.5	65.3	65.4	65.6	65.6	65.6	65.7	65.7	65.7	66.0	66.0	66.0	66.0	66.1	66.1
≥ 9000	56.3	64.2	65.9	66.0	66.2	66.2	66.2	66.3	66.3	66.3	66.7	66.7	66.7	66.7	66.8	66.8
≥ 8000	57.7	66.7	68.6	68.7	68.9	68.9	68.9	69.0	69.0	69.0	69.4	69.4	69.4	69.4	69.5	69.5
≥ 7000	58.5	67.5	69.5	69.6	69.8	69.8	69.8	69.9	69.9	69.9	70.3	70.3	70.3	70.3	70.4	70.4
≥ 6000	60.8	70.3	72.5	72.7	72.9	73.0	73.0	73.1	73.1	73.1	73.5	73.5	73.5	73.5	73.7	73.7
≥ 5000	62.8	72.7	75.2	75.5	75.7	75.8	75.8	75.9	75.9	75.9	76.3	76.3	76.3	76.3	76.5	76.5
≥ 4500	63.8	73.7	76.8	77.1	77.3	77.4	77.4	77.5	77.5	77.5	78.0	78.0	78.0	78.0	78.1	78.1
≥ 4000	64.0	74.1	77.5	77.8	78.1	78.2	78.2	78.3	78.3	78.3	78.7	78.7	78.7	78.7	78.8	78.8
≥ 3500	65.1	75.5	79.1	79.6	79.8	79.9	79.9	80.0	80.0	80.0	80.4	80.4	80.4	80.4	80.5	80.5
≥ 3000	66.3	77.1	80.8	81.2	81.5	81.6	81.6	81.7	81.7	81.7	82.2	82.2	82.2	82.2	82.3	82.3
≥ 2500	66.9	77.6	81.3	81.7	82.0	82.2	82.2	82.3	82.3	82.3	82.7	82.7	82.7	82.7	82.8	82.8
≥ 2000	67.2	78.5	82.2	82.6	82.9	83.0	83.0	83.1	83.1	83.1	83.5	83.5	83.5	83.5	83.7	83.7
≥ 1800	67.2	78.5	82.2	82.6	82.9	83.0	83.0	83.1	83.1	83.1	83.5	83.5	83.5	83.5	83.7	83.7
≥ 1500	67.2	78.6	82.3	82.7	83.0	83.1	83.1	83.2	83.2	83.2	83.7	83.7	83.7	83.7	83.8	83.8
≥ 1200	67.5	79.1	82.8	83.2	83.5	83.7	83.7	83.8	83.8	83.8	84.2	84.2	84.2	84.2	84.3	84.3
≥ 1000	68.0	79.9	83.7	84.2	84.8	84.9	84.9	85.1	85.1	85.1	85.5	85.5	85.5	85.5	85.7	85.7
≥ 900	68.4	80.5	84.4	84.9	85.6	85.7	85.7	85.8	85.8	85.8	86.2	86.2	86.2	86.2	86.5	86.6
≥ 800	69.0	81.3	85.3	85.9	86.7	86.8	86.8	86.9	86.9	86.9	87.3	87.3	87.3	87.3	87.5	87.6
≥ 700	69.0	81.4	85.5	86.5	87.5	87.6	88.0	88.1	88.1	88.1	88.5	88.5	88.5	88.5	88.7	88.9
≥ 600	69.4	82.0	86.2	87.2	88.5	88.6	89.0	89.1	89.1	89.1	89.6	89.6	89.6	89.6	89.8	90.0
≥ 500	69.4	82.4	86.8	87.7	89.4	89.6	90.0	90.3	90.3	90.4	90.9	90.9	90.9	90.9	91.1	91.3
≥ 400	69.4	82.5	87.0	88.2	90.2	90.5	91.2	91.7	91.7	91.8	92.3	92.3	92.5	92.5	92.7	92.9
≥ 300	69.4	82.6	87.1	88.5	91.2	91.5	92.5	93.4	93.5	94.3	94.7	94.7	95.1	95.1	95.4	95.6
≥ 200	69.4	82.6	87.1	88.5	91.6	92.0	93.2	94.6	94.7	95.6	96.1	96.1	96.6	96.7	97.4	97.8
≥ 100	69.4	82.6	87.1	88.5	91.6	92.0	93.2	94.6	94.7	95.6	96.3	96.3	96.8	96.9	97.8	99.1
≥ 0	69.4	82.6	87.1	88.5	91.6	92.0	93.2	94.6	94.7	95.6	96.3	96.3	96.8	96.9	97.8	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70,74-77 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	43.1	53.3	55.1	55.6	56.1	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.5	56.3	56.5	56.7
≥ 20000	43.9	54.7	56.7	57.4	58.0	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.3	58.3	58.4	58.6
≥ 18000	43.9	54.7	56.7	57.4	58.0	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.3	58.3	58.4	58.6
≥ 16000	43.9	54.7	56.7	57.4	58.0	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.3	58.3	58.4	58.6
≥ 14000	44.0	54.9	56.9	57.7	58.3	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.6	58.6	58.7	58.9
≥ 12000	44.9	56.8	58.9	59.8	60.3	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.6	60.6	60.8	61.0
≥ 10000	47.2	60.0	62.4	63.3	64.0	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.3	64.3	64.4	64.6
≥ 9000	48.1	61.2	63.7	64.6	65.3	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.6	65.6	65.7	65.9
≥ 8000	49.6	63.2	65.8	66.8	67.4	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.7	67.7	67.8	68.1
≥ 7000	50.2	64.1	66.8	67.7	68.4	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.7	68.7	68.8	69.0
≥ 6000	51.6	66.0	68.9	69.9	70.6	70.8	70.8	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.1	71.3
≥ 5000	53.0	68.1	71.3	72.3	73.1	73.2	73.3	73.3	73.3	73.5	73.5	73.5	73.7	73.7	73.8	74.1
≥ 4500	53.4	68.8	72.2	73.1	74.1	74.2	74.3	74.3	74.3	74.5	74.5	74.5	74.6	74.6	74.7	75.1
≥ 4000	53.8	69.9	73.2	74.4	75.5	75.6	75.7	75.7	75.7	75.9	75.9	75.9	76.0	76.0	76.1	76.5
≥ 3500	54.7	71.4	74.7	76.0	77.2	77.3	77.4	77.4	77.4	77.6	77.6	77.6	77.7	77.7	77.8	78.2
≥ 3000	55.5	72.5	75.8	77.3	78.5	78.7	78.8	78.8	78.8	79.0	79.0	79.0	79.1	79.1	79.2	79.6
≥ 2500	55.7	72.8	76.2	77.7	78.9	79.2	79.4	79.5	79.5	79.7	79.7	79.7	79.8	79.8	79.9	80.2
≥ 2000	56.6	74.1	77.5	79.1	80.3	80.6	80.8	80.9	80.9	81.1	81.1	81.1	81.2	81.2	81.3	81.6
≥ 1800	56.6	74.1	77.5	79.4	80.5	80.9	81.0	81.1	81.1	81.3	81.3	81.3	81.4	81.4	81.5	81.8
≥ 1500	56.8	74.7	78.2	80.0	81.3	81.6	81.7	81.8	81.9	82.2	82.2	82.2	82.3	82.3	82.4	82.7
≥ 1200	57.2	75.3	78.9	80.8	82.0	82.4	82.6	82.7	82.8	83.0	83.0	83.0	83.1	83.1	83.2	83.5
≥ 1000	57.3	76.0	79.8	81.6	82.9	83.3	83.7	83.8	83.9	84.1	84.1	84.1	84.2	84.2	84.3	84.6
≥ 900	57.3	76.3	80.2	82.2	83.4	83.9	84.2	84.3	84.4	84.6	84.6	84.6	84.7	84.7	84.8	85.2
≥ 800	57.6	76.9	81.2	83.1	84.5	85.2	85.6	85.7	85.8	86.0	86.0	86.0	86.1	86.1	86.2	86.6
≥ 700	57.8	77.4	81.9	83.9	85.4	86.0	86.7	86.9	87.0	87.2	87.2	87.2	87.3	87.3	87.4	87.7
≥ 600	58.1	78.4	83.0	84.9	86.6	87.4	88.1	88.4	88.5	88.7	88.7	88.7	88.8	88.8	88.9	89.2
≥ 500	58.4	79.4	84.0	86.0	88.3	89.4	90.2	90.5	90.6	90.9	90.9	90.9	91.1	91.1	91.3	91.6
≥ 400	58.4	79.5	84.2	86.6	89.1	90.8	91.9	92.4	92.5	92.8	92.8	9..8	93.0	93.0	93.3	93.7
≥ 300	58.4	79.5	84.2	86.9	89.9	91.7	93.3	94.2	94.4	94.9	95.1	95.4	95.7	95.9	96.2	96.8
≥ 200	58.4	79.5	84.2	86.9	90.2	92.2	94.2	95.4	95.7	96.5	96.9	97.2	97.7	98.0	98.4	99.2
≥ 100	58.4	79.5	84.2	86.9	90.2	92.2	94.2	95.6	95.9	96.7	97.2	97.5	98.1	98.3	98.7	99.6
≥ 0	58.4	79.5	84.2	86.9	90.2	92.2	94.2	95.6	95.9	96.7	97.2	97.5	98.1	98.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 939

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 65-70,74-77 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥5/16	≥1	≥0
NO CEILING	38.6	54.4	56.0	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8
≥ 20000	40.3	56.5	58.2	58.6	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0
≥ 18000	40.3	56.5	58.2	58.6	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.1
≥ 15000	40.3	56.5	58.2	58.6	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.1
≥ 14000	41.1	57.4	59.1	59.8	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.3
≥ 12000	42.4	59.2	61.0	61.6	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.2
≥ 10000	44.4	62.4	64.3	65.1	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.6
≥ 9000	44.9	63.4	65.9	66.9	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.5	
8000	46.0	65.4	68.0	69.1	69.5	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.9	70.0	
≥ 7000	46.8	66.8	69.5	70.8	71.3	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.8	
≥ 6000	47.2	67.3	70.0	71.3	71.8	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.4	
≥ 5000	48.3	68.8	71.7	73.2	73.8	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.3	
≥ 4500	48.5	69.2	72.2	73.7	74.2	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.7	
≥ 4000	49.0	70.8	73.9	75.6	76.1	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.7	
≥ 3500	49.4	71.4	74.5	76.3	76.9	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.4	
≥ 3000	49.7	72.2	75.4	77.4	78.3	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.8	
≥ 2500	50.3	72.8	76.2	78.5	79.4	79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.9	
≥ 2000	50.8	73.7	77.3	79.7	80.8	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.3	
≥ 1800	50.9	74.2	78.0	80.3	81.4	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.9	82.0	
≥ 1500	51.2	75.2	79.0	81.5	82.6	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.3	
≥ 1200	51.6	76.1	80.0	82.7	83.9	84.2	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.7	84.8	
≥ 1000	51.8	76.8	80.6	83.4	84.8	85.2	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.9	86.0	
≥ 900	51.8	76.9	80.8	83.8	85.2	85.6	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.3	86.5	
≥ 800	51.8	77.3	81.3	84.5	85.9	86.3	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.1	87.2	
≥ 700	51.8	78.0	81.9	85.8	87.2	87.6	88.3	88.4	88.5	88.6	88.6	88.6	88.6	88.7	88.8	
≥ 600	51.8	78.3	82.3	86.7	88.5	89.0	89.8	89.9	90.1	90.2	90.2	90.2	90.2	90.3	90.4	
≥ 500	51.8	78.3	82.6	87.6	90.3	91.1	92.7	92.9	93.1	93.3	93.3	93.3	93.3	93.5	93.8	
≥ 400	51.8	78.3	82.6	88.0	91.0	91.9	94.2	94.7	94.9	95.3	95.3	95.3	95.3	95.5	95.7	
≥ 300	51.8	78.3	82.6	88.1	91.1	92.5	95.1	96.1	96.3	96.9	97.2	97.2	97.3	97.4	97.6	98.0
≥ 200	51.8	78.3	82.6	88.1	91.1	92.5	95.2	96.6	96.8	97.3	98.3	98.4	98.6	98.8	99.2	99.7
≥ 100	51.8	78.3	82.6	88.1	91.1	92.5	95.2	96.6	96.8	97.3	98.3	98.4	98.6	98.9	99.4	100.0
≥ 0	51.8	78.3	82.6	88.1	91.1	92.5	95.2	96.6	96.8	97.3	98.3	98.4	98.6	98.9	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

13849 (YEARS) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70,74-77 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR (LST))

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1 7/8	≥1 1/2	≥1 1/4	≥1	≥3/4	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	50.9	59.9	60.0	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
≥ 20000	52.5	62.4	62.6	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
≥ 18000	52.5	62.4	62.6	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
≥ 16000	52.5	62.4	62.6	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
≥ 14000	52.8	62.9	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 12000	54.5	64.8	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
≥ 10000	56.8	67.2	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 9000	57.3	68.5	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 8000	58.6	70.6	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 7000	59.5	71.9	72.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 6000	60.0	72.7	73.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 5000	61.4	74.6	75.1	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4500	61.4	74.9	75.4	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4000	63.2	77.0	77.5	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 3500	63.9	78.0	78.6	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3000	64.4	78.8	79.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 2500	64.9	80.3	81.2	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 2000	66.0	82.4	83.2	84.5	84.6	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1800	66.3	82.7	83.5	84.9	85.1	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1500	66.9	84.1	84.9	86.3	86.5	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1200	67.2	84.7	85.8	87.4	87.6	88.2	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1000	67.2	85.5	86.9	88.5	88.8	89.4	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 900	67.2	85.6	87.4	89.0	89.4	90.0	90.3	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 800	67.2	85.9	87.8	89.6	90.0	90.6	91.0	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 700	67.2	86.3	88.4	90.2	91.0	91.6	92.4	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 600	67.3	86.7	88.7	91.0	91.9	92.8	93.5	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 500	67.3	86.9	89.0	91.6	93.4	94.3	95.4	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 400	67.3	86.9	89.1	91.8	94.1	94.9	96.0	96.6	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 300	67.3	86.9	89.1	91.8	94.1	95.1	96.3	97.0	97.5	97.8	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	67.3	86.9	89.1	91.8	94.1	95.1	96.3	97.2	98.0	98.6	99.2	99.4	99.5	99.6	99.7	99.7
≥ 100	67.3	86.9	89.1	91.8	94.1	95.1	96.3	97.2	98.0	98.7	99.4	99.6	99.7	99.8	100.0	100.0
≥ 0	67.3	86.9	89.1	91.8	94.1	95.1	96.3	97.2	98.0	98.7	99.4	99.6	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70,74-77 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (EST))

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥	≥	≥	≥5/16	≥	≥0
NO CEILING	49.7	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 20000	53.4	63.3	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 18000	53.7	63.5	[illegible]	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 16000	53.8	63.7	[illegible]	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
≥ 14000	54.5	64.5	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 12000	55.3	66.1	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 10000	58.6	69.2	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 9000	59.1	69.9	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 8000	60.8	72.2	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 7000	61.2	73.0	73.4	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 6000	62.0	74.2	74.9	75.5	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 5000	63.7	76.1	77.0	77.5	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4500	63.8	76.2	77.1	77.6	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4000	65.2	78.3	79.1	79.9	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 3500	66.1	80.6	81.6	82.5	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3000	66.8	81.5	82.7	83.7	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	67.4	83.0	84.2	85.3	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 2000	67.7	83.9	85.1	86.3	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1800	67.7	83.9	85.1	86.3	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1500	68.2	84.8	86.1	87.4	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1200	68.2	85.1	86.3	87.6	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1000	68.2	85.3	86.8	88.1	89.4	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 900	68.2	85.4	86.9	88.2	89.5	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 800	68.2	85.7	87.4	88.8	90.3	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 700	68.2	85.8	87.7	89.2	91.0	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 600	68.2	86.2	88.3	89.8	91.7	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 500	68.3	86.5	88.7	90.8	92.9	93.8	95.1	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6
≥ 400	68.3	86.7	89.0	91.1	93.5	94.6	95.9	96.5	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9
≥ 300	68.3	86.7	89.0	91.2	93.7	95.1	96.8	97.6	98.1	98.2	98.4	98.4	98.5	98.5	98.5	98.5
≥ 200	68.3	86.7	89.0	91.2	93.7	95.1	96.9	97.8	98.3	98.8	99.1	99.1	99.4	99.4	99.6	99.6
≥ 100	68.3	86.7	89.0	91.2	93.7	95.1	96.9	98.1	98.5	99.0	99.4	99.4	99.6	99.6	100.0	100.0
= 0	68.3	86.7	89.0	91.2	93.7	95.1	96.9	98.1	98.5	99.0	99.4	99.4	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70,74-77 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	55.3	61.1	61.3	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6
≥ 20000	57.7	64.8	65.0	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3
≥ 18000	57.9	65.0	65.2	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5
≥ 16000	57.9	65.0	65.2	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5
≥ 14000	58.6	66.1	66.3	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6
≥ 12000	59.9	67.7	68.1	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5
≥ 10000	62.2	70.6	71.0	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4
≥ 9000	62.6	71.0	71.4	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9
≥ 8000	64.0	72.8	73.3	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8
≥ 7000	64.3	73.3	73.7	73.9	73.9	73.9	73.9	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2
≥ 6000	64.8	73.8	74.4	74.7	74.7	74.7	74.7	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0
≥ 5000	66.7	75.8	76.3	76.6	76.6	76.6	76.6	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9
≥ 4500	67.7	76.9	77.5	77.8	77.8	77.8	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4000	69.0	79.5	80.1	80.5	80.6	80.7	80.7	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0
≥ 3500	70.2	80.8	81.5	81.9	82.0	82.1	82.1	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4
≥ 3000	70.8	81.8	82.7	83.1	83.2	83.3	83.4	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2500	71.2	82.3	83.5	84.1	84.2	84.3	84.4	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2000	71.9	83.9	85.3	85.9	86.0	86.2	86.3	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1800	71.9	84.1	85.5	86.0	86.1	86.3	86.4	86.6	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1500	71.9	84.5	86.2	86.7	87.0	87.2	87.4	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1200	72.0	84.7	86.4	87.0	87.2	87.4	87.7	87.9	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1000	72.1	84.9	86.7	87.4	87.6	87.8	88.1	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6
≥ 900	72.1	85.2	87.1	87.7	88.4	88.6	88.9	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3
≥ 800	72.4	85.9	87.9	88.7	89.3	89.5	90.1	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5
≥ 700	72.7	86.2	88.4	89.1	89.9	90.1	90.6	90.9	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2
≥ 600	72.7	86.6	88.9	90.0	90.8	91.3	92.0	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
≥ 500	72.7	86.6	88.9	90.3	91.4	91.9	93.4	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 400	72.7	86.7	89.1	90.5	91.8	92.6	94.2	94.8	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2
≥ 300	72.7	86.7	89.1	90.5	92.0	93.1	95.2	96.3	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 200	72.7	86.7	89.1	90.5	92.2	93.4	95.7	97.3	98.1	98.1	98.3	98.3	98.4	98.4	98.7	98.7
≥ 100	72.7	86.7	89.1	90.5	92.2	93.4	95.9	97.6	98.5	98.5	98.8	98.8	99.1	99.1	99.5	99.7
≥ 0	72.7	86.7	89.1	90.5	92.2	93.4	95.9	97.6	98.5	98.5	98.8	98.8	99.1	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 928

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70,74-77 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	55.4	61.7	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.8	62.8	62.8	62.8
≥ 20000	57.2	63.9	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.8	64.8	65.0	65.0	65.0	65.0
≥ 18000	57.2	63.9	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.8	64.8	65.0	65.0	65.0	65.0
≥ 16000	57.2	63.9	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.8	64.8	65.0	65.0	65.0	65.0
≥ 14000	57.6	65.0	65.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	66.0	66.0	66.2	66.2	66.2	66.2
≥ 12000	58.9	67.1	67.5	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.1	68.1	68.3	68.3	68.3	68.3
≥ 10000	61.4	70.4	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.4	71.4	71.6	71.6	71.6	71.6
≥ 9000	61.7	70.8	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.7	71.7	72.0	72.0	72.0	72.0
≥ 8000	63.8	73.8	74.3	74.6	74.6	74.6	74.6	74.8	74.8	74.8	75.0	75.0	75.4	75.4	75.4	75.4
≥ 7000	64.7	74.9	75.4	75.7	75.7	75.7	75.7	75.8	75.8	75.8	76.1	76.1	76.5	76.5	76.5	76.5
≥ 6000	65.8	75.9	76.5	76.8	76.8	76.8	76.8	76.9	76.9	76.9	77.1	77.1	77.6	77.6	77.6	77.6
≥ 5000	67.1	77.5	78.0	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.6	78.6	79.1	79.1	79.1	79.1
≥ 4500	67.9	78.5	79.2	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.8	79.8	80.3	80.3	80.3	80.3
≥ 4000	68.4	79.4	80.0	80.4	80.5	80.5	80.5	80.6	80.6	80.6	80.8	80.8	81.2	81.2	81.2	81.2
≥ 3500	68.9	80.0	80.7	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.4	81.4	81.9	81.9	81.9	81.9
≥ 3000	69.3	80.5	81.3	81.7	82.0	82.0	82.0	82.1	82.1	82.1	82.3	82.3	82.7	82.7	82.7	82.7
≥ 2500	70.1	81.3	82.5	83.0	83.3	83.4	83.4	83.5	83.5	83.5	83.7	83.7	84.1	84.1	84.1	84.1
≥ 2000	70.7	82.3	83.4	83.9	84.4	84.5	84.5	84.6	84.6	84.6	84.8	84.8	85.2	85.2	85.2	85.2
≥ 1800	70.9	82.6	83.7	84.3	84.7	84.8	84.8	84.9	84.9	84.9	85.1	85.1	85.5	85.5	85.5	85.5
≥ 1500	71.0	83.0	84.1	84.8	85.3	85.4	85.4	85.5	85.5	85.5	85.8	85.8	86.2	86.2	86.2	86.2
≥ 1200	71.3	83.4	84.7	85.3	86.0	86.2	86.2	86.3	86.3	86.3	86.5	86.5	86.9	86.9	86.9	86.9
≥ 1000	71.4	84.1	85.4	86.1	86.9	87.2	87.2	87.3	87.3	87.3	87.5	87.5	87.9	87.9	87.9	87.9
≥ 900	71.4	84.3	85.5	86.2	87.3	87.5	87.5	87.6	87.6	87.6	87.8	87.8	88.2	88.2	88.2	88.2
≥ 800	71.4	84.3	85.5	86.5	87.7	87.9	87.9	88.1	88.1	88.1	88.3	88.3	88.8	88.8	88.8	88.8
≥ 700	71.5	84.5	85.9	86.8	88.1	88.3	88.3	88.6	88.6	88.7	88.9	88.9	89.3	89.3	89.3	89.3
≥ 600	71.8	85.1	86.8	87.9	89.5	90.0	90.0	90.2	90.2	90.3	90.5	90.5	90.9	90.9	90.9	90.9
≥ 500	72.0	85.7	87.7	89.1	90.9	91.4	91.6	91.8	91.8	91.9	92.1	92.1	92.6	92.6	92.6	92.6
≥ 400	72.0	85.8	88.0	89.5	91.6	92.1	92.4	92.8	92.8	92.9	93.1	93.1	93.6	93.7	93.7	93.7
≥ 300	72.0	85.8	88.3	90.5	92.8	93.5	94.4	95.4	95.4	95.7	95.9	95.9	96.4	96.5	96.5	96.5
≥ 200	72.0	85.8	88.3	90.5	92.9	93.9	94.8	96.2	96.2	96.8	97.3	97.3	98.2	98.3	98.3	98.5
≥ 100	72.0	85.8	88.3	90.5	92.9	93.9	94.9	96.7	96.7	97.3	98.0	98.0	98.8	99.0	99.0	99.6
0	72.0	85.8	88.3	90.5	92.9	93.9	94.9	96.7	96.7	97.3	98.0	98.0	98.8	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70,74-77 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	>10	>6	≥5	≥4	>3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	49.9	58.5	59.4	59.6	59.7	59.8	59.8	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.0	60.0
≥ 20000	51.5	60.8	61.7	62.0	62.2	62.2	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.5	62.5
≥ 18000	51.6	60.8	61.8	62.1	62.2	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.6
≥ 17000	51.6	60.8	61.8	62.1	62.2	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.6
≥ 14000	52.1	61.5	62.5	62.8	63.0	63.0	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.3	63.3
≥ 12000	53.3	63.3	64.3	64.7	64.8	64.8	64.8	64.9	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.1
≥ 10000	55.4	66.0	67.1	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.8	67.8	67.9	67.9	67.9	68.0
≥ 9000	55.9	66.8	67.9	68.4	68.5	68.6	68.6	68.6	68.6	68.7	68.8	68.8	68.8	68.8	68.9	68.9
≥ 8000	57.5	69.2	70.5	70.9	71.1	71.1	71.1	71.2	71.2	71.3	71.4	71.4	71.4	71.4	71.5	71.5
≥ 7000	58.2	70.1	71.5	72.0	72.2	72.2	72.3	72.4	72.4	72.4	72.5	72.5	72.6	72.6	72.6	72.7
≥ 6000	59.3	71.5	73.0	73.6	73.8	73.9	73.9	74.0	74.0	74.0	74.1	74.1	74.2	74.2	74.3	74.3
≥ 5000	61.0	73.5	75.1	75.7	76.0	76.1	76.1	76.2	76.2	76.3	76.4	76.4	76.4	76.4	76.5	76.6
≥ 4500	61.5	74.2	75.9	76.5	76.8	76.9	76.9	77.0	77.0	77.1	77.2	77.2	77.3	77.3	77.3	77.4
≥ 4000	62.4	75.7	77.5	78.2	78.5	78.6	78.7	78.7	78.7	78.8	78.9	78.9	79.0	79.0	79.0	79.1
≥ 3500	63.2	76.9	78.8	79.5	79.9	79.9	80.0	80.1	80.1	80.1	80.2	80.2	80.3	80.3	80.4	80.4
≥ 3000	63.9	77.9	79.9	80.8	81.2	81.3	81.4	81.5	81.5	81.5	81.6	81.6	81.7	81.7	81.8	81.8
≥ 2500	64.4	78.7	80.8	81.8	82.3	82.4	82.4	82.6	82.6	82.6	82.7	82.7	82.8	82.8	82.9	82.9
≥ 2000	65.0	79.9	82.1	83.1	83.7	83.9	83.9	84.1	84.1	84.1	84.2	84.2	84.3	84.3	84.4	84.4
≥ 1800	65.1	80.1	82.3	83.4	83.9	84.1	84.2	84.3	84.3	84.4	84.5	84.5	84.5	84.5	84.6	84.7
≥ 1500	65.4	80.7	83.0	84.2	84.8	85.0	85.1	85.2	85.2	85.3	85.4	85.4	85.4	85.5	85.5	85.6
≥ 1200	65.7	81.3	83.7	84.9	85.6	85.8	86.0	86.1	86.1	86.2	86.3	86.3	86.3	86.4	86.4	86.5
≥ 1000	65.8	81.9	84.4	85.6	86.4	86.7	86.9	87.0	87.1	87.1	87.2	87.2	87.3	87.3	87.4	87.4
≥ 900	65.9	82.1	84.7	86.0	86.9	87.2	87.4	87.6	87.6	87.7	87.7	87.7	87.8	87.8	87.9	88.0
≥ 800	66.1	82.3	85.4	86.7	87.7	88.1	88.3	88.5	88.5	88.6	88.7	88.7	88.8	88.8	88.9	88.9
≥ 700	66.2	82.8	85.8	87.3	88.4	88.8	89.3	89.5	89.5	89.6	89.7	89.7	89.8	89.8	89.8	89.9
≥ 600	66.4	83.4	86.4	88.2	89.5	90.1	90.6	90.9	90.9	91.0	91.1	91.1	91.2	91.2	91.2	91.3
≥ 500	66.5	83.7	86.9	89.0	90.9	91.5	92.4	92.7	92.8	92.9	93.0	93.0	93.1	93.1	93.2	93.3
≥ 400	66.5	83.8	87.2	89.3	91.5	92.3	93.4	93.9	94.0	94.2	94.3	94.3	94.5	94.5	94.6	94.7
≥ 300	66.5	83.8	87.2	89.6	92.0	93.0	94.7	95.6	95.8	96.2	96.4	96.4	96.6	96.7	96.8	97.0
≥ 200	66.5	83.8	87.2	89.6	92.2	93.3	95.1	96.4	96.7	97.3	97.8	97.8	98.2	98.3	98.6	98.9
≥ 100	66.5	83.8	87.2	89.6	92.2	93.3	95.2	96.5	96.9	97.5	98.0	98.1	98.5	98.7	99.1	99.7
0	66.5	83.8	87.2	89.6	92.2	93.3	95.2	96.5	96.9	97.5	98.0	98.1	98.5	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 7435

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70,74-78 (YEARS) ALL (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	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	43.2	57.7	59.9	61.2	61.8	62.0	62.1	62.3	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.6
≥ 20000	45.1	61.7	64.2	65.6	66.3	66.5	66.7	66.8	66.8	66.9	67.0	67.0	67.0	67.1	67.1	67.2
≥ 18000	45.2	61.8	64.3	65.7	66.4	66.6	66.7	66.9	66.9	67.0	67.1	67.1	67.1	67.1	67.2	67.3
≥ 16000	45.2	61.8	64.3	65.7	66.4	66.6	66.8	66.9	67.0	67.0	67.1	67.1	67.2	67.2	67.3	67.3
≥ 14000	45.6	62.4	64.9	66.4	67.1	67.3	67.4	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.9	68.0
≥ 12000	46.8	64.2	66.8	68.3	69.0	69.2	69.4	69.5	69.6	69.7	69.7	69.7	69.8	69.8	69.9	69.9
≥ 10000	49.1	67.9	70.8	72.4	73.2	73.4	73.6	73.8	73.8	73.9	74.0	74.0	74.0	74.0	74.1	74.2
≥ 9000	49.5	68.4	71.3	72.9	73.7	73.9	74.1	74.3	74.3	74.4	74.5	74.5	74.5	74.6	74.6	74.7
≥ 8000	50.8	70.6	73.7	75.4	76.3	76.5	76.8	76.9	77.0	77.0	77.1	77.1	77.2	77.2	77.3	77.3
≥ 7000	51.5	71.8	74.9	76.7	77.6	77.9	78.1	78.2	78.3	78.4	78.4	78.5	78.5	78.5	78.6	78.7
≥ 6000	52.3	72.9	76.2	78.0	79.0	79.2	79.4	79.6	79.6	79.7	79.8	79.8	79.8	79.9	79.9	80.0
≥ 5000	53.2	74.3	77.6	79.5	80.5	80.7	81.0	81.2	81.2	81.3	81.4	81.4	81.4	81.5	81.5	81.6
≥ 4500	53.6	74.8	78.3	80.2	81.3	81.5	81.7	81.9	82.0	82.0	82.1	82.1	82.2	82.2	82.3	82.3
≥ 4000	54.3	76.2	79.8	81.8	82.9	83.1	83.4	83.6	83.6	83.7	83.8	83.8	83.8	83.9	83.9	84.0
≥ 3500	54.8	76.9	80.6	82.7	83.8	84.1	84.3	84.5	84.6	84.7	84.7	84.8	84.8	84.8	84.9	85.0
≥ 3000	55.2	77.9	81.7	83.9	85.1	85.3	85.6	85.8	85.9	86.0	86.1	86.1	86.1	86.1	86.2	86.3
≥ 2500	55.6	78.7	82.7	84.9	86.2	86.5	86.8	87.0	87.0	87.1	87.2	87.2	87.3	87.3	87.4	87.5
≥ 2000	56.0	79.6	83.7	86.0	87.4	87.7	88.0	88.2	88.3	88.4	88.5	88.5	88.6	88.6	88.6	88.7
≥ 1800	56.1	79.8	84.0	86.3	87.7	88.0	88.3	88.6	88.6	88.7	88.8	88.8	88.9	88.9	89.0	89.1
≥ 1500	56.4	80.5	84.8	87.3	88.7	89.0	89.3	89.6	89.6	89.8	89.8	89.8	89.9	89.9	90.0	90.1
≥ 1200	56.7	81.2	85.6	88.2	89.7	90.1	90.5	90.7	90.8	90.9	91.0	91.0	91.1	91.1	91.2	91.3
≥ 1000	56.9	81.7	86.3	89.0	90.7	91.0	91.5	91.7	91.8	91.9	92.0	92.0	92.1	92.1	92.2	92.3
> 900	57.0	82.0	86.6	89.4	91.1	91.5	92.0	92.2	92.3	92.4	92.5	92.5	92.6	92.6	92.7	92.8
≥ 800	57.1	82.3	87.1	90.0	91.8	92.2	92.7	93.0	93.1	93.2	93.3	93.3	93.4	93.4	93.5	93.5
≥ 700	57.2	82.6	87.5	90.5	92.5	93.0	93.6	93.9	94.0	94.1	94.2	94.2	94.3	94.3	94.4	94.5
≥ 600	57.2	82.8	87.8	91.0	93.2	93.7	94.4	94.7	94.8	95.0	95.1	95.1	95.2	95.2	95.3	95.3
> 500	57.3	83.0	88.1	91.5	94.0	94.6	95.4	95.8	96.0	96.1	96.2	96.2	96.3	96.4	96.4	96.5
≥ 400	57.3	83.1	88.3	91.8	94.5	95.2	96.2	96.7	96.9	97.1	97.2	97.2	97.3	97.3	97.4	97.5
≥ 300	57.3	83.1	88.4	91.9	94.8	95.6	96.7	97.4	97.6	97.9	98.1	98.1	98.2	98.3	98.4	98.5
≥ 200	57.3	83.1	88.4	92.0	94.9	95.7	96.9	97.7	97.9	98.3	98.6	98.6	98.8	98.9	99.1	99.3
≥ 100	57.3	83.1	88.4	92.0	94.9	95.7	96.9	97.8	98.0	98.4	98.7	98.7	99.0	99.1	99.4	99.8
≥ 0	57.3	83.1	88.4	92.0	94.9	95.7	96.9	97.8	98.0	98.4	98.7	98.7	99.0	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 87623

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

PART D SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

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

2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

S74 29965

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70 (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	29.2	4.1		8.0	3.0	.9	2.8		6.7	3.2	42.2	5.6	465
	03-05	30.1	4.3		6.7	2.8	1.5	2.2		5.6	2.4	44.5	5.7	465
	06-08	22.0	3.4		8.4	3.4	.9	4.1		10.1	4.7	42.9	6.2	464
	09-11	19.9	3.5		5.2	1.7	3.2	2.4		12.5	3.5	48.2	6.7	463
	12-14	18.8	5.0		6.9	2.2	3.2	1.5		9.1	5.0	48.5	6.6	464
	15-17	20.6	4.9		7.3	3.2	2.2	2.2		8.6	3.7	47.3	6.4	465
	18-20	25.8	5.8		7.7	2.2	1.7	2.8		9.5	3.4	41.1	5.8	465
	21-23	31.6	3.7		8.0	3.0	.9	1.9		9.2	1.3	40.4	5.5	465
TOTALS		24.8	4.3		7.3	2.7	1.8	2.5		8.9	3.4	44.4	6.1	3716

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70 (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	37.2	3.8		9.5	1.4	1.4	4.0		3.1	1.7	37.9	4.9	422
	03-05	34.0	4.7		7.6	2.4	.9	5.0		5.4	1.2	38.8	5.1	423
	06-08	30.3	7.1		6.6	1.9	1.7	2.6		7.1	3.1	39.6	5.4	422
	09-11	31.3	3.8		5.2	3.1	.9	1.2		6.6	5.0	42.9	5.7	422
	12-14	28.1	4.7		6.6	2.4	2.8	2.4		7.3	3.3	42.3	5.7	423
	15-17	24.4	5.9		5.2	3.3	1.9	1.7		7.1	3.8	46.7	6.1	422
	18-20	24.6	5.5		7.8	3.3	1.9	2.8		6.6	3.8	43.6	5.9	422
	21-23	32.0	5.0		10.4	2.1	.5	3.3		6.4	1.7	38.6	5.2	422
TOTALS		30.2	5.1		7.4	2.5	1.5	2.9		6.2	3.0	41.3	5.5	3378

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70 (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	39.0	5.0		14.1	3.2	.6	2.6		7.6	1.7	26.2	4.2	462
	03-05	36.6	5.2		8.8	5.0	1.5	3.0		8.0	1.3	30.6	4.6	464
	06-08	27.5	6.2		10.8	4.5	2.4	2.8		9.2	2.2	34.4	5.2	465
	09-11	27.9	4.8		10.8	3.0	1.5	3.7		7.6	2.8	38.0	5.4	463
	12-14	22.8	6.9		9.2	5.4	3.0	3.4		9.7	2.8	36.8	5.6	465
	15-17	26.5	4.9		6.2	6.0	3.7	3.2		10.5	4.3	34.6	5.5	465
	18-20	28.4	7.1		12.7	6.0	3.4	1.9		9.7	2.8	28.0	4.8	465
	21-23	39.6	6.2		10.1	3.2	3.2	4.3		7.3	.9	25.2	4.1	465
TOTALS		31.0	5.8		10.3	4.5	2.4	3.1		8.7	2.4	31.7	4.9	3714

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

13849 (STATION) SHAW AEB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70 (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	31.8	7.1		12.0	3.1	2.0	2.2		10.4	4.0	27.3	4.7	450
	03-05	31.6	2.0		8.7	4.2	3.1	3.8		12.0	2.7	31.8	5.2	449
	06-08	24.4	4.0		8.4	3.8	2.7	2.9		11.1	4.7	38.0	5.9	450
	09-11	25.3	6.0		8.4	3.8	2.2	2.0		9.6	5.6	37.1	5.7	450
	12-14	17.6	5.1		9.3	6.7	6.2	2.7		11.8	4.7	36.0	6.0	450
	15-17	13.1	5.3		15.6	6.7	4.7	3.6		11.3	3.6	36.2	6.1	450
	18-20	19.8	7.1		10.2	2.2	3.6	3.6		14.7	3.1	35.8	5.9	450
	21-23	31.1	4.9		12.5	2.0	1.3	4.7		11.0	1.6	30.9	5.0	447
TOTALS		24.3	5.2		10.6	4.1	3.2	3.2		11.5	3.8	34.1	5.6	3596

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70 (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	31.7	3.9		10.8	3.7	2.2	1.3		9.1	1.7	35.6	5.1	463
	03-05	26.5	4.3		10.1	4.5	2.2	3.4		7.3	5.4	36.3	5.5	465
	06-08	24.2	5.6		8.2	1.7	2.2	2.6		10.4	4.3	40.8	5.9	463
	09-11	25.2	5.0		7.3	6.3	2.4	3.2		9.3	2.6	38.8	5.7	464
	12-14	14.2	5.6		10.1	5.8	8.4	3.0		14.0	4.5	34.3	6.1	464
	15-17	11.8	4.5		13.3	6.0	6.5	3.7		12.0	4.3	37.8	6.4	465
	18-20	16.8	4.5		8.8	5.4	2.8	3.9		13.1	5.2	39.6	6.4	465
	21-23	26.9	6.2		8.6	5.6	1.9	3.7		10.8	3.0	33.3	5.3	465
TOTALS		22.2	5.0		9.7	4.9	3.6	3.1		10.8	3.9	37.1	5.8	3714

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

13849 (STATION) SHAW AEB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70 (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	29.6	3.8		14.4	3.1	2.2	3.8		13.3	2.9	26.9	4.9	450
	03-05	21.8	5.6		13.1	5.8	3.6	5.8		10.9	2.4	31.0	5.4	449
	06-08	17.1	4.7		10.9	5.6	3.6	3.3		13.8	3.6	37.6	6.2	450
	09-11	17.8	8.7		12.9	6.7	3.8	2.4		13.3	5.1	29.3	5.5	450
	12-14	5.4	6.7		16.5	11.4	10.3	3.1		15.6	5.4	25.7	6.0	448
	15-17	6.7	5.8		16.5	8.2	8.5	3.8		17.6	5.3	27.2	6.2	449
	18-20	12.2	5.6		14.5	4.7	2.7	3.8		16.7	4.5	35.4	6.3	449
	21-23	20.3	6.2		15.6	4.5	3.6	3.1		14.0	2.4	30.3	5.4	449
TOTALS		16.4	5.9		14.3	6.3	4.8	3.6		14.4	4.0	30.4	5.7	3594

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70 (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	19.8	7.3		14.9	5.6	2.8	3.9		17.9	1.7	26.1	5.3	464
	03-05	17.2	4.1		18.8	6.5	3.2	5.8		14.9	1.9	27.6	5.5	464
	06-08	9.8	4.3		15.6	2.6	3.9	4.3		15.8	5.4	38.2	6.6	461
	09-11	11.9	5.0		15.1	5.8	4.3	4.5		16.6	6.7	30.2	6.2	464
	12-14	1.3	4.1		16.9	9.1	8.9	6.5		27.5	4.8	21.0	6.5	462
	15-17	1.5	4.9		18.1	10.3	5.4	4.7		20.4	6.7	28.0	6.6	465
	18-20	5.4	4.5		10.8	4.1	3.2	4.5		19.2	6.7	41.6	7.3	464
	21-23	13.6	5.0		15.7	4.3	3.2	5.0		15.5	2.4	35.3	6.1	464
TOTALS		10.1	4.9		15.7	6.0	4.4	4.9		18.5	4.5	31.0	6.3	3708

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

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

SKY COVER

13849 SHAW AFB SOUTH CAROLINA/SUMTER 66-70 AUG
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	20.3	3.2		14.1	7.1	4.1	4.5		13.2	4.1	29.2	5.6	462
	03-05	20.6	4.7		16.6	3.2	4.1	4.7		10.3	3.0	32.7	5.5	465
	06-08	13.0	7.1		11.0	4.8	1.3	3.7		13.4	6.3	39.5	6.5	463
	09-11	16.8	5.0		11.9	5.4	3.4	2.6		16.4	6.0	32.5	6.1	464
	12-14	3.2	3.9		18.5	9.5	7.3	3.7		18.1	8.0	27.8	6.5	464
	15-17	3.2	5.6		15.3	7.7	6.9	5.4		20.0	6.7	29.2	6.6	465
	18-20	8.0	3.9		12.3	2.4	2.6	5.2		21.5	6.5	37.8	7.0	465
	21-23	15.3	4.1		13.8	6.5	2.8	6.2		16.8	3.9	30.8	6.0	465
TOTALS		12.6	4.7		14.2	5.8	4.1	4.5		16.2	5.6	32.4	6.2	3713

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MA

SKY COVER

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70 (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	35.6	6.5		14.7	4.2	1.6	2.2		9.8	1.6	23.8	4.2	449
	03-05	36.2	5.1		13.6	3.6	1.1	4.7		5.6	2.7	27.6	4.4	450
	06-08	19.2	9.6		11.8	6.5	.9	1.8		12.7	4.5	33.0	5.6	448
	09-11	19.4	7.1		14.9	5.5	4.5	2.9		13.1	4.9	27.6	5.4	449
	12-14	10.5	7.1		13.8	9.1	8.5	5.3		16.3	5.3	24.1	5.8	449
	15-17	10.7	7.8		17.3	9.6	6.4	3.3		17.3	4.2	23.3	5.6	450
	18-20	22.0	7.1		17.6	3.6	4.0	2.0		14.9	6.0	22.9	5.1	450
	21-23	33.8	8.2		16.2	4.4	2.9	3.6		10.7	2.2	18.0	4.0	450
TOTALS		23.4	7.3		15.0	5.8	3.7	3.2		12.6	3.9	25.0	5.0	3595

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70 (PERIOD) OCT (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	43.1	6.0		12.7	4.3	1.1	1.9		9.5	3.0	18.3	3.6	464
	03-05	40.2	6.9		12.3	3.9	1.9	2.6		7.1	2.8	22.2	3.9	463
	06-08	29.7	8.6		10.1	4.1	1.3	3.7		12.1	4.7	25.6	4.8	464
	09-11	28.2	5.4		10.4	2.8	2.6	3.0		13.2	4.3	29.9	5.2	461
	12-14	21.3	6.3		10.1	4.3	5.0	3.7		14.0	5.0	30.4	5.6	464
	15-17	21.9	8.0		13.3	4.3	3.7	2.4		12.7	6.5	27.7	5.3	465
	18-20	32.8	6.0		11.0	4.5	2.2	3.0		10.3	4.7	25.4	4.7	464
	21-23	40.9	5.4		14.4	4.1	2.2	3.4		8.0	2.2	19.4	3.7	464
TOTALS		32.3	6.6		11.8	4.0	2.4	3.0		10.9	4.2	24.9	4.6	3709

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70 (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	44.5	7.1		10.7	2.0	1.[illegible]	2.9		9.1	1.1	21.2	3.7	449
	03-05	50.2	7.3		8.0	2.7	1.1	2.0		6.2	1.6	20.9	3.3	450
	06-08	35.7	6.7		10.7	4.5	4.0	2.7		10.9	2.7	22.1	4.3	448
	09-11	33.9	3.8		9.6	5.4	1.9	5.1		11.2	3.3	26.1	4.7	448
	12-14	26.9	7.1		9.1	4.2	2.7	4.2		12.9	5.1	27.8	5.2	450
	15-17	30.3	7.8		9.8	2.9	2.4	4.2		9.6	4.9	28.1	4.9	449
	18-20	35.6	8.4		8.4	2.7	1.8	2.9		13.1	2.9	24.2	4.4	450
	21-23	40.5	8.2		11.1	3.1	1.3	2.7		8.0	3.1	21.8	3.9	449
TOTALS		37.2	7.1		9.7	3.4	2.0	3.3		10.1	3.1	24.0	4.3	3593

USAFETAC FORM JUL 64 0-2-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70 (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	39.1	3.6		8.8	2.2	.9	1.4		7.4	2.5	34.1	4.7	555
	03-05	36.6	3.9		9.2	2.9	2.3	3.4		6.1	2.9	32.7	4.8	557
	06-08	28.7	3.8		9.3	2.9	1.8	3.4		9.7	3.8	36.7	5.5	558
	09-11	25.7	5.0		8.6	3.1	2.2	2.7		9.7	5.4	37.6	5.7	556
	12-14	22.3	6.5		12.9	5.2	1.8	3.4		8.6	5.8	33.5	5.5	556
	15-17	21.5	10.4		8.8	3.8	3.2	3.6		11.0	5.6	32.1	5.5	557
	18-20	28.2	8.5		9.0	4.7	2.3	3.2		9.5	3.4	31.1	5.0	556
	21-23	36.2	3.4		10.5	4.0	2.0	2.5		7.2	2.7	31.3	4.7	552
TOTALS		29.8	5.6		9.6	3.6	2.1	3.0		8.7	4.0	33.6	5.2	4447

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70 (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	24.8	4.3		7.3	2.7	1.8	2.5		8.9	3.4	44.4	6.1	3716
FEB		30.2	5.1		7.4	2.5	1.5	2.9		6.2	3.0	41.3	5.5	3378
MAR		31.0	5.8		10.3	4.5	2.4	3.1		8.7	2.4	31.7	4.9	3714
APR		24.3	5.2		10.6	4.1	3.2	3.2		11.5	3.8	34.1	5.6	3596
MAY		22.2	5.0		9.7	4.9	3.6	3.1		10.8	3.9	37.1	5.8	3714
JUN		16.4	5.9		14.3	6.3	4.6	3.6		14.4	4.0	30.4	5.7	3594
JUL		10.1	4.[illegible]		15.7	6.0	4.4	4.9		18.5	4.5	31.0	6.3	3708
AUG		12.6	4.7		14.2	5.8	4.1	4.5		16.2	5.6	32.4	6.2	3713
SEP		23.4	7.3		15.0	5.8	3.7	3.2		12.6	3.9	25.0	5.0	3595
OCT		32.3	6.6		11.8	4.0	2.4	3.0		10.9	4.2	24.9	4.6	3709
NOV		37.2	7.1		9.7	3.4	2.0	3.3		10.1	3.1	24.0	4.3	3593
DEC		29.8	5.6		9.6	3.6	2.1	3.0		8.7	4.0	33.6	5.2	4447
TOTALS		24.5	5.6		11.3	4.5	3.0	3.4		11.5	3.8	32.5	5.4	44477

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

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.

74-29966

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

13849 SHAW AFB SOUTH CAROLINA/SUMTER 46-78
STATION STATION NAME YEARS

MAXIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ANNUAL
105						.1	.2						.0
100						3.0	2.1	1.0	.1				.5
95				.1	2.2	12.9	15.3	10.5	2.4	.3			3.7
90			.1	2.3	15.5	39.8	53.2	47.0	21.4	1.4			15.2
85			2.4	16.9	42.2	72.3	86.0	82.0	53.8	8.3	.4		30.5
80	.7	1.3	9.8	35.6	69.6	90.9	97.5	94.5	75.5	31.5	6.2	.3	43.0
75	5.7	7.1	22.6	55.3	86.1	97.5	99.6	98.8	89.4	57.8	19.9	5.2	54.0
70	14.0	18.3	38.2	73.4	95.4	99.5	99.9	100.0	96.4	77.2	39.5	14.2	64.0
65	26.4	32.2	54.5	89.1	98.6	99.9	100.0		99.2	91.4	58.8	27.9	73.3
60	39.6	48.9	71.8	95.9	99.5	100.0			99.8	96.7	74.2	42.7	80.9
55	55.2	64.5	85.5	99.2	100.0				100.0	99.4	85.8	59.8	87.5
50	68.5	78.4	93.0	99.8						99.9	95.0	76.0	92.6
45	82.0	88.7	97.1	100.0						100.0	98.4	89.2	96.3
40	91.0	95.4	99.4								99.7	96.0	98.5
35	96.7	99.1	99.9								99.9	99.1	99.6
30	99.3	99.9	100.0								100.0	99.8	99.9
25	100.0	100.0										100.0	100.0
MEAN	55.8	58.8	65.7	75.1	82.4	87.7	89.7	88.8	83.8	75.2	65.8	57.5	73.9
S.D.	11.742	10.898	10.511	8.659	7.071	6.224	4.923	5.092	6.930	7.578	9.452	10.387	14.929
TOTAL OBS	991	904	992	960	991	960	992	989	959	992	959	992	11681

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

13849 SHAW AFB SOUTH CAROLINA/SUMTER 46-78
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT.	NOV	DEC	ANNUAL
80						.3	.2						.0
75					.4	6.6	17.0	13.4	1.9	.2			3.3
70				.5	7.3	49.4	83.9	75.5	34.9	2.3	.2		21.3
65			.9	6.5	42.7	83.0	97.6	95.0	63.3	12.1	1.9	.4	33.8
60	1.2	1.3	7.4	27.1	69.0	96.1	100.0	99.7	84.2	32.7	7.7	2.3	44.3
55	5.8	6.6	17.6	47.8	86.1	99.5		100.0	94.1	54.1	16.9	7.6	53.2
50	12.6	14.6	32.4	69.5	96.5	100.0			98.9	73.8	33.5	16.1	62.5
45	24.0	25.0	50.1	85.7	99.4				99.9	87.5	47.9	26.7	70.7
40	38.2	42.5	69.7	96.4	100.0				100.0	95.9	69.8	41.5	79.6
35	56.3	65.7	87.2	99.6						99.0	86.1	61.7	88.0
33	64.3	73.5	92.0	99.8						99.6	91.0	69.4	90.8
30	75.8	82.1	95.8	99.9						100.0	95.8	81.5	94.3
25	89.5	93.1	99.6	100.0							99.3	93.6	97.9
20	96.7	98.2	100.0								99.6	99.1	99.5
15	99.3	99.7									100.0	99.8	99.9
10	99.9	99.9										99.9	100.0
5	100.0	100.0										100.0	100.0
MEAN	37.0	38.4	44.9	53.5	62.1	68.7	71.9	71.2	65.8	54.9	44.9	38.4	54.3
S D	10.203	9.646	9.255	8.522	6.104	4.521	3.025	3.399	6.045	8.406	9.558	10.020	15.023
TOTAL OBS.	991	904	992	960	991	960	992	989	959	992	959	992	11681

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 46-78 (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
90						1.0	.8	.3					.2
85					.6	9.6	15.0	10.4	1.0	.3			3.1
80				.6	9.4	42.4	69.0	61.9	26.1	1.0			17.7
75			.7	9.0	41.9	79.4	95.5	92.2	59.7	9.0	.9	.1	32.5
70	.2	.8	7.0	31.0	72.0	96.4	99.8	99.3	81.4	30.8	5.5	1.0	44.0
65	4.6	5.6	19.0	52.8	88.5	99.2	100.0	100.0	93.5	55.7	16.1	5.2	53.6
60	13.1	14.8	33.7	72.5	97.3	99.9			98.3	78.8	35.2	14.2	63.4
55	23.1	27.7	53.0	90.1	99.7	100.0			99.9	91.7	54.2	25.2	72.2
50	38.5	45.2	71.9	97.3	100.0				100.0	97.6	74.0	42.5	80.7
45	56.1	67.1	88.1	99.6						99.6	88.7	61.6	88.5
40	73.9	83.2	95.2	99.9						100.0	97.4	82.1	94.3
35	88.4	93.5	99.2	100.0							99.2	93.3	97.8
30	95.6	98.3	100.0								99.8	98.6	99.3
25	99.2	99.6									100.0	99.7	99.9
20	99.8	100.0										99.9	100.0
15	100.0											100.0	100.0
MEAN	46.6	48.9	55.5	64.0	72.5	78.4	81.0	80.2	75.0	65.2	55.5	48.2	64.3
S D	10.313	9.543	9.227	7.681	5.931	4.831	3.506	3.767	5.990	7.254	8.806	9.545	14.611
TOTAL OBS.	991	904	992	960	991	960	992	989	959	992	959	992	11681

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13849 STATION — SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME — 46-78 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
46												78	
47	77	74	76	88	94	102	94	96	97	88	72	72	102
48	77	81	87	89	94	101	98	99	92	80	83	76	101
49	81	80	86	85	93	97	100	95	94	86	78	77	100
50	80	79	85	88	94	102	96	96	92	85	85	72	102
51	74	80	84	89	95	100	97	98	93	94	78	78	100
52	81	75	81	88	94	103	103	96	94	88	80	73	103
53	73	73	81	89	99	99	102	100	93	87*	81	74	102
54	74	77	85	89	91	102	101	102	101	99	75	76	102
55	77	77	87	89	94	94	97	96	94	87	83	80	97
56	70	82	84	87	95	100	98	99	97	87	81	79	100
57	78	81	78	90	91	96	98	98	98	79	81	72	98
58	63	76	74	90	90	100	96	97	96	87	86	70	100
59	75	77	82	89	95	104	94	97	93	88	81	71	104
60	75	70	78	92	96	97	98	95	94	87	79	72	98
61	68	76	81	85	88	94	96	96	94	88	88	73	96
62	77	82	81	90	96	90	96	92	93	89	77	70	96
63	72	68	87	90	93	103	96	98	93	86	75	64	103
64	67	64	80	89	97	98	91	94	90	84	82	75	98
65	76	79	80	89	90	93	93	94	89	84	76	72	94
66	* 75	68	83	88	87	94	100*	93	94	86	80	77	100
67	76	75	86	93#	94	94	92	94	88	88	77	79	* 94
68	73	65	84	92	88	94	97	101*	94	91	82	72	101
69	72	72	81	86	91	96	97	93	90	87	76	73	97
70	79	76	82	95	97	106	101	101	95	87	78	78	106
71	72	77	79	89	89	94	95	93	92	88	83	82	95
72	76	81	82	92	86	95	95	94	93	87	83	78	95
73	72	72	85	83	91	95	97*	96	94	92	84	77	97
74	79	79	90	90	92	97	93	92	90	82	83	71	97
75	81	79	80	90	91	91	93	101	93	83	80	74	101
MEAN													
S D.													
TOTAL OBS													

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13849 STATION SHAW AEB SOUTH CAROLINA/SUMTER STATION NAME 46-78 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
76	74	80	88	91	88	93	96	94	90	86	74	65	96
77	56	80	84	86	94	100	105	95	93	89	82	77	105
78	73	72	81	90	94	102	98	96	96	85	80		
MEAN	74.1	75.8	82.6	89.1	92.5	97.7	97.0	96.4	93.4	87.0	80.1	74.3	99.5
S D	5.365	4.893	3.592	2.435	3.224	4.115	3.218	2.799	2.741	3.733	3.714	4.074	3.313
TOTAL OBS	991	904	992	960	991	960	992	989	959	992	959	992	11681

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 46-78 (YEARS)

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN	FEB	MAR	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
46												23	
47	26	17	25	46	47	54	60	67	44	44	31	26	17
48	16	22	30	45	50	56	67	62	54	37	39	21	16
49	29	33	27	35	53	60	67	65	48	51	31	29	27
50	32	31	29	32	51	59	65	64	45	50	16	22	16
51	24	19	31	42	52	64	61	65	57	49	25	20	19
52	23	29	32	39	49	65	64	60	57	35	34	25	23
53	30	31	35	37	59	59	64	63	51	44*	30	20	20
54	22	28	27	45	49	55	67	68	58	38	28	24	22
55	27	19	22	43	54	59	65	68	62	42	24	21	19
56	26	33	32	39	44	55	69	63	51	44	25	30	25
57	22	31	30	43	44	63	68	60	52	33	30	14	14
58	18	9	32	42	47	61	64	65	52	41	32	15	9
59	15	20	35	39	52	62	66	69	53	41	23	28	15
60	20	26	20	40	46	60	65	66	58	41	32	20	20
61	17	25	34	37	47	58	66	62	54	35	28	20	17
62	18	25	30	34	52	62	63	64	47	30	31	8	6
63	16	18	33	40	40	61	60	63	49	34	28	16	16
64	17	25	28	39	51	63	62	62	52	38	28	21	17
65	24	26	27	40	55	59	65	58	57	32	32	24	24
66	* 10	21	27	38	43	50	61*	60	53	42	30	22	* 10
67	25	15	26	44*	46	55	62	63	45	40	26	24	15
68	20	20	26	41	47	58	64	59*	57	37	30	21	20
69	19	25	25	40	47	62	70	60	54	34	22	25	19
70	8	19	29	42	50	62	67	67	50	36	17	23	8
71	17	20	29	38	46	60	67	69	61	48	32	20	17
72	16	25	33	34	52	53	66	67	55	33	28	23	16
73	23	14	34	37	51	65	72*	68	65	43	30	21	14
74	30	22	35	30	52	60	62	66	49	32	27	23	22
75	25	28	24	37	56	64	66	67	53	37	30	19	19
MEAN													
S.D.													
TOTAL OBS													

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 46-78 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV	DEC	ALL MONTHS
76	13	28	34	36	47	54	56	58	54	30	25	17	13
77	13	18	35	40	44	59	67	66	59	40	27	22	13
78	19	19	26	43	47	62	67	65	57	40	38		
MEAN	21.0	23.2	29.4	36.5	49.2	59.4	65.2	64.0	53.4	39.1	28.4	21.8	14.3
S D	5.707	5.859	4.056	17.585	4.172	3.697	2.830	3.189	5.045	5.699	4.991	4.619	15.499
TOTAL OBS.	991	904	992	960	991	960	992	989	959	992	959	992	11681

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
68/ 67		.4		.1	.2													7	7		
66/ 65		.3	.1															4	4	4	3
64/ 63		1.5																14	14	6	7
62/ 61	.1	.6	.5	.1														13	13	15	10
60/ 59	.6	1.6	.5	.3	.1	.1												31	31	24	22
58/ 57	.9	1.3	.2	.3		.1	.1											27	27	24	17
56/ 55	1.1	1.0	.4	.1														24	24	24	22
54/ 53	.3	2.0	.6	.1	.3	.3	.1											36	36	19	21
52/ 51	1.8	1.7	1.0			.1												43	43	49	41
50/ 49	1.1	1.3	.5	.4	.3	.2	.1											37	37	31	25
48/ 47	.8	2.8	1.4	.3	.5	.4												58	58	27	30
46/ 45	.2	1.6	1.1	.3	.1													31	31	37	24
44/ 43	.2	2.3	.5	1.2	.8	.1												47	47	44	32
42/ 41	.5	1.9	2.0	1.1	.4													56	56	42	30
40/ 39	.3	2.6	1.3	1.3	.8	.2												60	60	41	41
38/ 37	.8	1.3	2.8	1.8	.3													65	65	61	33
36/ 35	.1	1.1	2.0	2.0	.4													53	53	46	31
34/ 33		1.2	2.9	1.7	.3													57	57	50	38
32/ 31	.2	3.0	2.4	1.9														70	70	67	18
30/ 29	.3	1.9	2.4	1.1	.2													55	55	78	44
28/ 27	.3	2.3	2.2	.9	.1													53	53	65	58
26/ 25	.3	.9	1.4	.6														30	30	61	56
24/ 23		1.1	.4	.2														16	16	34	45
22/ 21		.5	.9	.1														14	14	30	41
20/ 19		.8	.6															13	13	15	53
18/ 17		.1	.6															7	7	16	31
16/ 15		.2	.2															4	4	6	35
14/ 13			.2															2	2	7	39
12/ 11																				4	21
10/ 9																					14
8/ 7																					14
6/ 5																					5
4/ 3																					10
2/ 1																					6

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-2/ -3																					4
-4/ -5																					4
-6/ -7																					2
TOTAL	10.0	37.4	29.4	16.2	5.0	1.6	.3												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.	5303172	68044	73.4	18.255	927							
Dry Bulb	1630513	37431	40.4	11.341	927		26.5	.7				93
Wet Bulb	1422778	34616	37.3	11.855	927		38.4					93
Dew Point	1163493	29609	31.9	15.335	927	1.0	50.2					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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JAN (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
68/ 67		.3																3	3	1	
66/ 65		.2		.2														4	4	2	3
64/ 63	.6	1.1																16	16	10	9
62/ 61	.3	.6	.4	.2														15	15	13	11
60/ 59	.8	.6	.3	.1		.3												20	20	16	15
58/ 57	.8	.6	.3	.5	.1													22	22	19	15
56/ 55	1.0	1.2	.1	.1														22	22	23	23
54/ 53	.6	2.3	.6															33	33	19	15
52/ 51	.5	1.9	.3	.2		.1												29	29	37	31
50/ 49	1.3	1.8	.4	.2		.3												38	38	38	34
48/ 47	1.1	1.8	.5	.2	.2													36	36	31	34
46/ 45	.4	2.8	.8	.5	.5													47	47	24	24
44/ 43	.3	1.9	1.3	.6	.1													40	40	38	24
42/ 41	.6	2.6	2.7	.9	.1													64	64	39	30
40/ 39	.6	1.9	1.7	1.4	.4													57	57	55	37
38/ 37	.5	1.6	2.7	1.0	.8													61	61	50	34
36/ 35	.3	1.2	1.6	1.2														40	40	45	39
34/ 33		1.1	3.7	1.2	.2													57	57	51	27
32/ 31	.1	3.3	2.5	1.6														70	70	55	20
30/ 29	.8	3.3	2.3	.8														66	66	74	47
28/ 27	.3	2.9	2.9	.4														61	61	76	65
26/ 25		2.2	2.2	.6														46	46	61	57
24/ 23		1.8	.5	.4														26	26	43	37
22/ 21	.1	.4	1.6															20	20	44	50
20/ 19		.5	.4															9	9	18	42
18/ 17		.5	.4															9	9	17	41
16/ 15		.4	.3															7	7	10	41
14/ 13		.2	.3															5	5	9	24
12/ 11			.3															3	3	3	26
10/ 9		.1																1	1	5	17
8/ 7																				1	13
6/ 5																					12
4/ 3																					14
2/ 1																					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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JAN (MONTH)

 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
0/ -1																					2
-2/ -3																					5
-4/ -5																					3
-6/ -7																					3
TOTAL	11.2	41.6	31.4	12.5	2.5	.8												927	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.	5541405	69879	75.4	17.195	927							
Dry Bulb	1516614	35922	38.8	11.600	927		32.4	.3				93
Wet Bulb	1344257	33477	36.1	12.087	927		41.7	.1				93
Dew Point	1119993	28895	31.2	15.390	927	1.3	52.4					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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JAN (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		.1	.3															4	4	1	
66/ 65	.1	.1																2	2	1	2
64/ 63	.1	1.0	.1															11	11	6	3
62/ 61	1.3	.8	.1															20	20	23	22
60/ 59	.4	.6	.1	.2	.1	.1												15	15	10	12
58/ 57	1.7	.6	.2	.1														25	25	26	22
56/ 55	.9	1.3	.4															24	24	13	17
54/ 53	.3	1.7	.5	.3														27	27	23	17
52/ 51	.6	1.1	.9	.1														25	25	25	24
50/ 49	1.3	1.7	.4	.2	.1													35	35	30	20
48/ 47	.4	1.6	.4	.2	.1	.3												29	29	37	32
46/ 45	1.3	1.7	.5	.2	.1													36	36	28	41
44/ 43	1.1	2.7	.5	.3														43	43	33	24
42/ 41	.4	3.8	1.7	.8														62	62	50	34
40/ 39	.6	2.3	2.4	.5	.1													55	55	44	32
38/ 37	.5	1.3	2.5	.4	.6													50	50	44	36
36/ 35	.2	1.6	3.2	1.1	.2													59	59	37	27
34/ 33	.1	2.0	3.8	.4														59	59	62	21
32/ 31	.4	3.6	2.4	1.3														71	71	61	33
30/ 29	.6	3.1	2.5	1.1														68	68	82	65
28/ 27	.1	3.0	2.3	.4														54	54	48	49
26/ 25	.2	2.6	2.0	.1														46	46	76	52
24/ 23	.1	1.6	1.4	.1														30	30	52	43
22/ 21		1.0	1.8	.1														27	27	33	49
20/ 19	.1	.5	1.7															22	22	23	35
18/ 17		.3																3	3	21	46
16/ 15		.6	.3															9	9	14	40
14/ 13		.8	.3															10	10	6	29
12/ 11		.3	.1															4	4	10	24
10/ 9		.4																4	4	6	22
8/ 7																				4	9
6/ 5																					12
4/ 3																					9
2/ 1																					8

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION — SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME — 66-70,74-78 YEARS — JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
0/ -1																					9
-2/ -3																					2
-4/ -5																					5
-6/ -7																					1
-8/ -9																					1
TOTAL	13.	143.	93.0	8.1	1.4	.4													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.	5790172	71694	77.2	16.652	929							
Dry Bulb	1453760	35064	37.7	11.850	929		34.8	.4				93
Wet Bulb	1307552	32914	35.4	12.345	929		43.6	.1				93
Dew Point	1107886	28660	30.9	15.526	929	1.8	54.4					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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-76 YEARS | JAN 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		
70/ 69		.1	.2	.4	.1	.1	.1		.1									11	11		
68/ 67			.1	.3	.3	.3	.1											11	11	2	
66/ 65	.1	.9	.2	.2	.4													17	17	8	4
64/ 63	.6	1.1	.6	1.0		.1												32	32	19	13
62/ 61	1.1	1.0	.2	.4	.1			.1										27	27	25	25
60/ 59	.4	1.1	.4	.3	.1			.1	.1									24	24	29	18
58/ 57	.6	.5	.6	.2		.1												20	20	34	24
56/ 55	.1	1.2	.4	.2		.1	.4											23	23	14	20
54/ 53	.5	1.2	.8	.1	.4	.5	.1											34	34	30	24
52/ 51	.4	1.9	.4	.3	.5	.4	.4											42	42	23	29
50/ 49	.8	.6	.6	.4	.3	.5	.2	.1										34	34	30	36
48/ 47	.5	1.5	1.0	1.2	.5	1.0	.2											55	55	21	21
46/ 45	.5	1.7	1.2	.9	.5	.5	.1											51	51	29	20
44/ 43	.4	1.5	1.6	1.1	1.4	.8	.1											64	64	57	18
42/ 41	.5	.8	1.6	1.0	1.8	.6												59	59	46	38
40/ 39	.2	1.3	1.7	1.8	1.1	.9												65	65	55	21
38/ 37	.5	1.2	1.8	1.8	1.1	.1												61	61	57	31
36/ 35	.2	2.3	2.7	1.4	1.2													72	72	67	42
34/ 33	.1	1.9	1.8	2.0	1.2													66	66	72	36
32/ 31	.2	1.4	1.0	1.8	.3													44	44	76	51
30/ 29		1.0	1.4	.9	.3													33	33	59	35
28/ 27		.8	1.0	1.2														27	27	49	54
26/ 25		.2	.8	1.1	.1													20	20	47	56
24/ 23		.3	.6	.5														14	14	17	37
22/ 21			.3	.3														6	6	24	35
20/ 19		.1	.4															5	5	14	42
18/ 17		.1	.2															3	3	8	31
16/ 15			.5															5	5	7	36
14/ 13			.3															3	3	4	35
12/ 11		.1																1	1	4	19
10/ 9																				3	15
8/ 7																					15
6/ 5																					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 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 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
4/ 3																					12
2/ 1																					8
0/ -1																					7
-2/ -3																					3
-4/ -5																					6
-6/ -7																					6
TOTAL	8.1	25.7	24.7	21.0	12.0	6.1	1.8	.3	.2									930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4674454	62940	67.7	21.132	930							
Dry Bulb	1851608	40038	43.1	11.734	930		16.1	2.3	.1			93
Wet Bulb	1544531	36193	38.9	12.099	930		31.2	.2				93
Dew Point	1203006	29788	32.0	16.368	930	2.2	51.0					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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | JAN MONTH

PAGE 1 | 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
82/ 81									.1									1	1		
80/ 79						.1			.2									3	3		
78/ 77						.1	.1	.1	.1									4	4		
76/ 75					.2	.2	.1	.3	.2				.1					11	11		
74/ 73				.2	.5	.3	.5	.3		.1	.2		.1					22	22		
72/ 71			.2	.4	.3	.4	.4	.6				.1						24	24		
70/ 69			.1	.3	.9	.4	.4	.2	.1									23	23	1	
68/ 67		.3	.2	.2	.4	.4	.1		.1	.1	.1							19	19	11	
66/ 65	.1		.5	.4	.3	.4	.4	.1	.1	.1								24	24	17	6
64/ 63	.3	1.0	.4	.3	.4	.1	.1	.2	.1	.2	.1							31	31	20	14
62/ 61	.3	.5	.2	.4	.3	.1	.2	.4	.3	.2	.1							30	30	40	18
60/ 59	.5	.8	.2	.2	.1	.4		.4	.2	.2								29	29	42	25
58/ 57	.1	.6	.3	.1	.4	.3	.5	.9	.2	.3								36	36	23	19
56/ 55	.1	.9	.2	.4	.6	.2	.9	.8	.5	.1								44	44	25	32
54/ 53	.2	1.4	.3	.6	.3	.4	.8	.6	.2									46	46	26	22
52/ 51	.2	.9	.4	.2	.9	.6	.9	1.2	.2									51	51	25	38
50/ 49	.1	1.0	.4	1.0	.4	.8	1.7	.9										58	58	39	29
48/ 47	.8	1.0	1.2	.3	.3	1.2	1.1	.5										59	59	43	28
46/ 45	.1	1.1	.8	.4	1.0	1.5	1.9	.1										64	64	37	24
44/ 43	.1	.8	1.1	.9	1.7	2.3	1.0											72	72	62	20
42/ 41		.4	.2	.4	1.4	1.4	.6											42	42	44	31
40/ 39	.4	.4	.9	.5	1.4	1.4	.1											48	48	58	23
38/ 37	.3	1.1	1.1	.4	1.0	.9												44	44	68	27
36/ 35	.3	2.3	.4	.2	1.0	1.0												48	48	86	36
34/ 33	.1	1.0	.4	.3	1.3	.3												32	32	82	32
32/ 31		.3	.1		1.5	.1												19	19	52	36
30/ 29		.9	.2	.4	.2													16	16	30	40
28/ 27		.3	.1	.5	.8													16	16	33	43
26/ 25				.3	.1													4	4	20	36
24/ 23		.3		.2														5	5	21	35
22/ 21				.2														2	2	10	48
20/ 19			.1															1	1	8	42
18/ 17			.1															1	1	3	34
16/ 15			.1															1	1	2	34

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70, 74-78 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
14/ 13																				2	45
12/ 11																					22
10/ 9																					17
8/ 7																					22
6/ 5																					15
4/ 3																					6
2/ 1																					10
0/ -1																					5
-2/ -3																					7
-4/ -5																					6
-6/ -7																					2
-8/ -9																					1
TOTAL	4.2	17.1	10.4	10.2	17.8	15.5	11.9	7.7	2.8	1.4	.5	.1	.2					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.	3386967	51401	55.3	24.244	930							
Dry Bulb	2418506	45992	49.5	12.451	930		6.5	10.7	4.1	.2		93
Wet Bulb	1786818	39266	42.2	11.781	930		18.1	1.2				93
Dew Point	1211825	29615	31.8	17.009	930	2.1	50.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70, 74-78 YEARS | JAN MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
82/ 81										.1								1	1		
80/ 79							.1		.1									2	2		
78/ 77							.2	.3	.2									7	7		
76/ 75					.1	.3	.4	.5	.3	.1								17	17		
74/ 73				.2		.5	.5	.5	.4	.1		.1	.3					26	26		
72/ 71				.3	.4	.1	.6	.6	.1	.2		.1	.1					25	25		
70/ 69			.4	.4	.1		.6	.2	.2		.1	.2						22	22		
68/ 67		.2	.3	.3	.4	.3	.2		.5	.1								23	23	9	
66/ 65		.3		1.1		.4	.1	.3	.1		.1							23	23	17	4
64/ 63	.5	.3	.3	.6	.6		.1	.1	.4	.2	.3							34	34	28	18
62/ 61	.2	.6	.3	.6	.2		.9	.5	.4	.6								42	42	22	10
60/ 59	.5	.9	.5	.3	.1	.8	.2	.6	.4	.2								43	43	52	21
58/ 57	.1	.1	.4	.5	.4	.3	.2	.5	.9	.3								36	36	37	21
56/ 55	.4	1.3	.3	.8	.8	.2	.4	.5	1.2	.2								57	57	26	31
54/ 53		.6	1.0	.4	.4	.5	.8	1.4	.6									54	54	26	32
52/ 51	.1	.3	.4	.6	.3	.3	1.4	1.1	.2									45	45	28	24
50/ 49	.5	1.0	.4		.1	.9	1.5	1.2										52	52	59	45
48/ 47		.9	.5	.5	.6	1.7	2.2	.5										65	65	31	20
46/ 45	.2	.3	.8	.5	.3	1.1	1.5	.8										51	51	41	34
44/ 43	.1	.6	1.1	.4	.9	1.8	1.4	.2										61	61	44	18
42/ 41		.4	.8		1.0	1.7	.6											42	42	46	21
40/ 39	.4	1.8	.5	.9	.9	.6	.8											55	55	92	33
38/ 37	.2	.6	.6	.4	1.0	1.0												36	36	70	41
36/ 35	.4	.8	.3	.1	.5	1.3												32	32	70	30
34/ 33	.3	1.1	.1	.3	1.3	.2												31	31	68	27
32/ 31		.4	.5	.2	.2	.2												15	15	50	32
30/ 29		.6	.1	.2	.2	.1												12	12	31	27
28/ 27		.5		.1	.6													12	12	31	39
26/ 25	.1			.3														4	4	28	33
24/ 23		.2		.3														5	5	7	36
22/ 21																				7	58
20/ 19																				7	44
18/ 17																				3	37
16/ 15																					40

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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | JAN 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
14/ 13																					43
12/ 11																					21
10/ 9																					20
8/ 7																					11
6/ 5																					26
4/ 3																					7
2/ 1																					5
0/ -1																					10
-2/ -3																					4
-4/ -5																					5
-6/ -7																					2
TOTAL	4.3	14.1	9.9	10.8	11.6	14.5	14.8	10.1	6.2	2.3	.5	.4	.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.	3130924	48808	52.5	24.757	930							
Dry Bulb	2577139	47551	51.1	12.313	930		4.8	12.3	5.3	.2		93
Wet Bulb	1841650	40004	43.0	11.407	930		16.4	.9				93
Dew Point	1200916	29512	31.7	16.870	930	2.1	50.0					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JAN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73						.1		.1										2	2		
72/ 71				.1	.1	.3												5	5		
70/ 69			.2		.2	.2												6	6		
68/ 67		.2	.4	.4	.4	.5	.2											21	21		
66/ 65	.2	.4	.6	.4	.3	.2	.1			.1	.1							24	24	11	3
64/ 63	.3	.6	.6	.5	.5	.3	.2			.1								31	31	15	15
62/ 61	.4	.9	.6	.3	.4	.1	.3		.3									32	32	21	12
60/ 59	.3	1.2	.2	.8	.2	.2	.1	.4		.1								33	33	31	18
58/ 57	.2	1.1	.8	.3	.3	.3	.2	.2	.1									33	33	35	26
56/ 55	.2	1.4	.8	.2	.5	.1	.3	.1										34	34	33	21
54/ 53	.1	1.6	1.0	.3	1.1	.2	.6	.1										47	47	29	26
52/ 51	.2	1.0	1.1	.5	.6	.2	.5	.1										40	40	32	36
50/ 49	.5	1.5	1.4	1.1	.1	.6	.6	.2										57	57	40	31
48/ 47		.6	1.1	.6	.2	1.0	.6											39	39	32	32
46/ 45	.2	.9	.5		1.1	1.5	.4											43	43	50	25
44/ 43	.3	1.0	1.0	1.6	2.6	1.3	.2											74	74	38	24
42/ 41		.8	1.1	1.8	2.7	.9	.2											69	69	30	33
40/ 39	.3	1.5	.8	1.8	1.5	1.0	.1											65	65	42	28
38/ 37	.6	1.6	.8	2.2	1.3	.9												68	68	88	39
36/ 35	.2	.6	.3	2.5	1.4	.3												50	50	83	36
34/ 33		1.4	.5	1.7	1.3	.1												47	47	59	19
32/ 31	.3	.9	.8	1.5	.8	.1												40	40	62	38
30/ 29		.9		1.1	.5													23	23	69	43
28/ 27	.2	1.1	.9	.6														26	26	43	42
26/ 25		.1	.1	.8														9	9	33	47
24/ 23		.1		.6														7	7	28	58
22/ 21			.2	.1														3	3	10	47
20/ 19			.2															2	2	6	42
18/ 17																				8	29
16/ 15																				2	33
14/ 13																					30
12/ 11																					22
10/ 9																					28
8/ 7																					9

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JAN (MONTH)

PAGE 2 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 5																					10
4/ 3																					6
2/ 1																					6
0/ -1																					9
-2/ -3																					4
-4/ -5																					3
TOTAL	4.8	21.3	15.9	22.0	18.3	10.5	4.9	1.3	.4	.3	.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.	4083600	58166	62.5	21.903	930							
Dry Bulb	2062479	42519	45.7	11.296	930		11.0	3.4	.2			93
Wet Bulb	1640416	37586	40.4	11.430	930		26.1					93
Dew Point	1204559	30009	32.3	15.947	930	1.6	50.6					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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JAN (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
70/ 69			.1		.1													2	2		
68/ 67		.2	.4		.4													10	10		
66/ 65		1.0	.2															11	11	7	3
64/ 63	.3	1.0	.2	.5		.1												20	20	14	14
62/ 61	.1	1.0	.4	.1	.1	.1	.1											18	18	9	9
60/ 59	.6	2.5	.8	.1	.4	.1			.1									43	43	34	19
58/ 57	.3	.6	1.1	.2	.2	.2	.1	.1										27	27	25	26
56/ 55	.3	.5	.5	.2	.2	.1		.3										21	21	18	19
54/ 53	.1	1.7	1.1	.3	.2	.3	.1											36	36	27	17
52/ 51	.9	1.9	1.3	.3	.4	.2	.2											49	49	35	37
50/ 49	.9	1.5	1.2	1.2	.2	.1	.3											50	50	45	32
48/ 47	.3	1.4	1.6	.6	.4	.3	.2											46	46	31	27
46/ 45	.4	1.0	1.2	.5	1.2	.3												43	43	39	25
44/ 43	.4	1.6	.4	.5	1.2	.5												44	44	46	31
42/ 41	.2	1.6	.8	1.0	1.5	.5												52	52	37	28
40/ 39	.4	1.6	1.3	2.4	1.1	.2												65	65	34	41
38/ 37	.6	2.0	1.9	2.3	1.0	.4												77	77	64	37
36/ 35		.8	1.4	2.2	.3													43	43	59	29
34/ 33		1.5	2.5	1.7	.9	.1												62	62	65	36
32/ 31	.2	2.3	2.8	2.7	.3													77	77	67	21
30/ 29	.1	1.4	1.6	1.6	.2													46	46	72	43
28/ 27	.3	1.2	1.3	.3	.1													30	30	63	51
26/ 25		.1	2.0	.5														25	25	55	45
24/ 23	.1	.3	.6	.3														13	13	30	61
22/ 21		.2	.3	.3														8	8	23	54
20/ 19		.1	.4	.2														7	7	12	44
18/ 17			.4															4	4	6	33
16/ 15		.1																1	1	8	32
14/ 13																				3	29
12/ 11																					32
10/ 9																					18
8/ 7																					4
6/ 5																					3
4/ 3																					14

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

USAFETAC FORM 0-26-5 (OL A) 80 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JAN (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
2/ 1																					7
0/ -1																					3
-2/ -3																					2
-4/ -5																					3
-6/ -7																					1
TOTAL	6.8	29.1	28.0	20.2	10.3	3.8	1.1	.4	.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.	4839443	64575	69.4	19.566	930							
Dry Bulb	1782949	39341	42.3	11.306	930		21.1	1.2				93
Wet Bulb	1505825	35809	38.5	11.693	930		33.9					93
Dew Point	1184496	29916	32.2	15.464	930	.9	50.0					93

AFETAC 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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | JAN 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
82/ 81									.0	.0								2	2		
80/ 79						.0	.0		.0									5	5		
78/ 77						.0	.0	.1	.0									11	11		
76/ 75					.1	.1	.1	.1	.1	.0			.0					29	29		
74/ 73				.1	.1	.1	.1	.1	.1	.0	.0	.0	.1					50	50		
72/ 71			.0	.1	.1	.1	.1	.2	.0	.0		.0	.0					54	54		
70/ 69		.0	.1	.1	.2	.1	.1	.1	.1		.0	.0						64	64	1	
68/ 67		.2	.2	.2	.3	.2	.1		.1	.0	.0							98	98	24	
66/ 65	.1	.4	.2	.3	.1	.1	.1	.1	.0	.0	.0							109	109	67	28
64/ 63	.4	.9	.3	.4	.2	.1	.1	.0	.1	.1	.1							189	189	120	93
62/ 61	.5	.8	.4	.3	.1	.0	.2	.1	.1	.1	.0							197	197	168	117
60/ 59	.5	1.2	.4	.3	.1	.3	.0	.2	.1	.1								238	238	238	150
58/ 57	.6	.7	.5	.3	.2	.2	.1	.2	.1	.1								226	226	223	170
56/ 55	.5	1.1	.4	.3	.3	.1	.3	.2	.2	.0								249	249	176	185
54/ 53	.3	1.6	.7	.3	.3	.3	.3	.3	.1									313	313	199	174
52/ 51	.6	1.3	.7	.3	.3	.3	.4	.3	.1									324	324	254	260
50/ 49	.8	1.3	.7	.6	.2	.4	.6	.3										361	361	312	252
48/ 47	.5	1.5	1.0	.5	.4	.7	.5	.1										387	387	253	224
46/ 45	.4	1.4	.8	.4	.6	.6	.5	.1										366	366	285	217
44/ 43	.4	1.5	.9	.8	1.1	.8	.3	.0										445	445	362	191
42/ 41	.3	1.5	1.4	.9	1.1	.6	.2											446	446	334	245
40/ 39	.4	1.7	1.3	1.3	.9	.5	.1											470	470	421	256
38/ 37	.5	1.3	1.8	1.3	.9	.4												462	462	502	278
36/ 35	.2	1.3	1.5	1.3	.6	.3												397	397	493	270
34/ 33	.1	1.4	2.0	1.2	.8	.1												411	411	509	236
32/ 31	.2	1.9	1.5	1.4	.4	.1												406	406	490	249
30/ 29	.2	1.6	1.3	.9	.2	.0												319	319	495	344
28/ 27	.2	1.5	1.3	.6	.2													279	279	408	401
26/ 25	.1	.8	1.1	.6	.0													184	184	381	382
24/ 23	.0	.7	.5	.3														116	116	232	352
22/ 21	.0	.3	.6	.1														80	80	181	382
20/ 19	.0	.3	.5	.0														59	59	103	344
18/ 17		.1	.2															27	27	82	282
16/ 15		.2	.2															27	27	49	291

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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | JAN 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				
14/ 13		.1	.1															20	20	31	274
12/ 11		.1	.1															8	8	21	187
10/ 9		.1																5	5	14	151
8/ 7																				5	97
6/ 5																					90
4/ 3																					78
2/ 1																					53
0/ -1																					45
-2/ -3																					31
-4/ -5																					35
-6/ -7																					17
-8/ -9																					2
TOTAL	7.8	28.8	22.8	15.1	9.9	6.7	4.4	2.5	1.2	.5	.1	.1	.1					7433	7433		7433
																		7433		7433	

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.	36750137	495507	66.7	22.367	7433							
Dry Bulb	15288568	323858	43.6	12.590	7433		153.1	31.3	9.7	.4		744
Wet Bulb	12393827	289865	39.0	12.110	7433		249.4	2.5				744
Dew Point	9396174	236004	31.8	16.001	7433	13.0	409.1					744

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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | FEB 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
68/ 67		.4	.1	.5														8	8		
66/ 65		.1		.1														2	2	3	3
64/ 63		.7	.4	.6														14	14	5	
62/ 61		1.2	1.2	.2	.5													26	26	9	6
60/ 59	.1	1.3	1.2	.5	.4		.2	.5										35	35	19	14
58/ 57	.1	.9	.7	.2	.4	.5	.1	.1	.1									27	27	29	18
56/ 55	.1	.8	.1	.5	.7		.1											20	20	20	18
54/ 53	.2	.7	.5	.9	.5	.8	.1											32	32	19	23
52/ 51	.2	.6	1.2	.2	.5	.5												27	27	13	15
50/ 49		.7	.7	.7	.7	.8	.6											36	36	23	16
48/ 47	.1	.7	.9	1.1	.7	.5												34	34	38	9
46/ 45	.5	1.8	1.1	1.1	1.5	.4												53	53	22	16
44/ 43		2.1	1.4	2.0	1.7	.8												68	69	49	36
42/ 41	.1	2.5	1.8	2.6	2.0	.2												78	78	50	25
40/ 39	.1	1.4	1.9	2.6	1.9	.2												69	69	62	39
38/ 37	.4	2.6	1.8	3.4	1.4	.4												84	84	62	38
36/ 35	.7	.9	1.7	1.4	.9													48	48	86	43
34/ 33		1.1	1.7	1.2	.8	.2												42	42	76	37
32/ 31	.2	1.7	1.9	1.4	.6													49	49	62	44
30/ 29	.1	1.1	1.2	1.5	.2													35	35	53	67
28/ 27	.5	.6	1.2	1.1														28	28	45	53
26/ 25		.2	.9	.5														14	14	36	54
24/ 23		.2	.6	.2														9	9	31	44
22/ 21		.2	.2	.1														5	5	18	37
20/ 19			.1															1	1	9	40
18/ 17			.1															1	1	4	36
16/ 15																				2	20
14/ 13																					19
12/ 11																					22
10/ 9																					14
8/ 7																					18
6/ 5																					9
4/ 3																					3
2/ 1																					4

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.S.	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																					4
-4/ -5																					1
TOTAL	3.6	24.6	24.5	24.7	15.4	5.3	1.2	.6	.1									845	846	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.	3958706	55636	65.8	18.713	845							
Dry Bulb	1626691	36083	42.7	10.188	846		14.1	.8				84
Wet Bulb	1322048	32280	38.2	10.264	845		25.8					84
Dew Point	977668	26300	31.1	13.730	845	.5	48.6					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70, 74-78 YEARS | FEB 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
70/ 69		.1																1	1		
68/ 67		.2																2	2	1	1
66/ 65	.1	.1	.4	.1														6	6	3	3
64/ 63		.6	.2	.5														11	11	5	3
62/ 61	.1	.7	.7	.4														16	16	5	4
60/ 59	.4	1.4	.9	.5	.2													29	29	19	9
58/ 57	.4	.8	.8	.4		.2	.1											23	23	23	20
56/ 55	.4	1.5	.2	.2	.1	.5	.2											27	27	25	18
54/ 53		.9	.8	.4	.1	.2												21	21	18	19
52/ 51		.2	.7	1.3	.2	.1												22	22	16	22
50/ 49	.1	.6	.5	1.1	.4	.4	.2											27	27	10	9
48/ 47	.1	1.5	.5	1.1	1.3	.4												41	41	21	11
46/ 45	.4	2.2	.8	.8	.8													43	43	38	25
44/ 43	.4	2.1	1.2	1.3	.8	.1												50	50	41	21
42/ 41		2.6	1.5	1.5	.9	.2												58	58	48	18
40/ 39	.2	2.0	2.4	2.4	1.1													63	68	64	47
38/ 37	.1	3.5	2.7	3.1	.8	.2												89	89	44	33
36/ 35	.4	1.7	2.4	2.1	.6	.1												61	61	78	45
34/ 33	.4	1.7	2.6	2.0	.6													61	61	62	43
32/ 31	.6	1.2	3.4	1.5	.1													58	58	75	50
30/ 29	.2	.7	2.5	.7	.6													40	40	59	59
28/ 27	.6	.9	1.1	1.4														34	34	68	42
26/ 25		.5	2.0	.5														25	25	40	44
24/ 23	.1	.4	1.7	.1														19	19	26	48
22/ 21		.4	.2	.2														7	7	35	46
20/ 19			.4															3	3	11	52
18/ 17			.4															3	3	4	31
16/ 15		.1																1	1	4	16
14/ 13																				3	31
12/ 11																					22
10/ 9																					15
8/ 7																					12
6/ 5																					5
4/ 3																					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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 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
2/ 1																					5
0/ -1																					1
-2/ -3																					1
-4/ -5																					2
TOTAL	4.8	28.8	31.0	23.5	8.7	2.5	.6											846	846		846

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.	4304112	58432	69.1	17.819	846							
Dry Bulb	1492249	34427	40.7	10.394	846		18.9	.3				84
Wet Bulb	1250571	31269	37.0	10.594	846		32.3	.1				84
Dew Point	957575	25913	30.6	13.925	846	.4	49.1	.1				84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) FEB (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
70/ 69			.4															3	3		
68/ 67		.1	.1															2	2		
66/ 65		.2																2	2	7	2
64/ 63	.2	.6	.1	.2														10	10	2	7
62/ 61	.2	.7	1.2	.4														21	21	8	5
60/ 59	.4	1.5	.8	.4														26	26	15	11
58/ 57	.2	1.2	1.3	.1		.1												25	25	24	14
56/ 55		.6	.5		.6	.1												15	15	30	17
54/ 53		.2	.8															9	9	8	18
52/ 51		.9	.9	.1	.5													21	21	7	18
50/ 49		.8	.6	.7	.4													21	21	18	8
48/ 47	.2	1.1	2.0	.4	.4	.2												36	36	21	17
46/ 45	.5	2.0	1.1	1.5	.8													50	50	28	21
44/ 43	.5	2.1	1.2	.7	.6													43	43	45	26
42/ 41	.1	3.0	1.1	.8	1.1													51	51	33	21
40/ 39	.1	3.8	2.7	1.2	.6	.1												72	72	61	40
38/ 37	.1	3.2	2.8	2.0	1.3													80	80	60	33
36/ 35	.5	1.9	3.4	2.6	.8	.4												81	81	63	51
34/ 33	.2	1.8	2.7	1.1	.8													56	56	59	52
32/ 31	.6	1.9	3.2	1.3	.2													61	61	73	33
30/ 29	.4	.9	3.2	.9														46	46	71	53
28/ 27	.4	2.4	1.2	.6														38	38	58	40
26/ 25	.5	.9	1.5	.6														30	30	66	49
24/ 23		1.1	1.2	.2														21	21	24	57
22/ 21		.7	.7															12	12	31	33
20/ 19			.8															7	7	16	48
18/ 17		.1	.1															2	2	8	50
16/ 15		.1	.5															5	5	4	23
14/ 13																				3	22
12/ 11																				3	13
10/ 9																					20
8/ 7																					16
6/ 5																					11
4/ 3																					8

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) FEB (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
2/ 1																					3
0/ -1																					3
-4/ -5																					1
-6/ -7																					2
TOTAL	5.1	33.9	36.2	15.8	8.0	.9												846	846		846
																		846		846	

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.	4520248	60168	71.1	16.890	846							
Dry Bulb	1419593	33471	39.6	10.623	846		22.0	.5				84
Wet Bulb	1211390	30670	36.3	10.852	846		35.4					84
Dew Point	947943	25719	30.4	14.019	846	.6	48.2					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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70, 74-78 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
76/ 75								.1										1	1		
74/ 73							.1											1	1		
72/ 71						.1	.4	.1		.4								8	8		
70/ 69		.1	.1	.1	.2		.2											7	7		
68/ 67	.1		.1		.5	.1	.2	.1	.1	.1								12	12	2	2
66/ 65	.1	.5	.2	.4	.5	.5	.5		.2									24	24	3	2
64/ 63	.1	.5	.7	.7	.4	.2	.4	.1	.2	.2								30	30	9	5
62/ 61	.4	.9	.6	.8	.2	.2	.5	.2	.1	.1								35	35	20	10
60/ 59		.7	1.2	.5	.9	.1	.4	.1	.4									36	36	22	9
58/ 57		.9	.8	.1	.5	.4	.6	.5	.1									33	33	28	13
56/ 55		.2	.6	.8	.2	.5	.2	.5										26	26	33	20
54/ 53		.6	.7	.5	.5	.7	.8	.6										37	37	24	24
52/ 51		.6	1.2	.8	.5	1.1	.9	.5										47	47	26	16
50/ 49		.7	.6	.6	.8	1.8	.9	.2										48	48	29	27
48/ 47		.8	.6	1.7	1.7	1.4	.6	.1										58	58	31	20
46/ 45	.4	1.2	.6	1.3	1.7	2.0	.7											66	66	43	21
44/ 43	.2	1.7	.6	1.1	1.8	1.4	.9											65	65	46	35
42/ 41		1.1	.9	1.3	1.5	.9	.1											50	50	63	38
40/ 39	.2	.9	.4	1.7	1.5	.8	.4											50	50	74	21
38/ 37	.4	1.5	.8	1.8	2.2	.8												64	64	65	36
36/ 35	.4	.7	1.8	1.5	1.1	.5												50	50	62	37
34/ 33	.2	.7	.7	1.4	1.2	.4												39	39	65	39
32/ 31	.1	.6	.8	.9	1.2	.1												32	32	65	31
30/ 29		.1	.2	.4	.5													10	10	47	32
28/ 27	.1			.9	.1													10	10	33	60
26/ 25				.2														2	2	25	49
24/ 23				.4														3	3	15	40
22/ 21																				9	35
20/ 19				.1														1	1	3	54
18/ 17				.1														1	1	2	44
16/ 15																				1	26
14/ 13																				1	21
12/ 11																					20
10/ 9																					10

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70, 74-78 YEARS | FEB 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
8/ 7																						10
6/ 5																						15
4/ 3																						8
2/ 1																						4
0/ -1																						5
-2/ -3																						2
-4/ -5																						3
-6/ -7																						2
TOTAL	2.7	15.1	14.3	20.1	19.6	14.1	8.9	3.2	1.2	.8									846	846	846	846

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3145011	48415	57.2	21.047	846							
Dry Bulb	1964340	39758	47.0	10.653	846		5.9	2.9	.2			84
Wet Bulb	1485807	34345	40.6	10.406	846		20.0	.2				84
Dew Point	1004548	26332	31.1	14.795	846	1.2	46.8	.2				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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70, 74-78 YEARS | FEB 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				.2					4	4		
78/ 77						.1	.1	.2	.4	.1		.1						9	9		
76/ 75							.4	.1	.1	.5	.4	.2	.2					16	16		
74/ 73			.1	.1		.1	.7	.1	.4		.2	.4						21	21		
72/ 71				.2	.1	.6	.6	.9	.6	.2	.1							29	29		
70/ 69			.1	.1	.4		.5	.6	.9	.5	.4							29	29	3	
68/ 67			.1	.5	.4	.5	.8	.5	.4	.7	.4	.1						36	36	3	1
66/ 65		.1	.2	.2	.7	.4	.1	.5	.8	.2	.6	.1						34	34	6	4
64/ 63		.8	.4	.9	.1	.5	.2	.5	.4	1.4	.4							47	47	15	1
62/ 61		.5	.1		.4	.4	.5	.6	.5	1.7								38	38	31	9
60/ 59		.1	.2	.2	.8	.5	.5	.5	1.1	.6								38	38	21	12
58/ 57		.1	.1	.2	.5	.2	.6	.9	1.5	.5								40	40	44	13
56/ 55		.6	.1	.2	.9	.8	1.3	1.8	1.1									58	58	29	20
54/ 53		1.4	.2	.1	.4	.5	1.7	1.5	1.9									65	65	33	23
52/ 51	.1		.4	.4	.6	1.1	1.5	1.7	.6									53	53	43	19
50/ 49	.1	.2	.2	.5	.1	1.2	1.8	1.7										49	49	38	22
48/ 47		.6	.4	.4	.1	.9	1.3	1.8	.1									47	47	37	18
46/ 45		1.1	.1	.6	.5	.7	1.3	.6										41	41	60	35
44/ 43	.5	.7	.6		.5	.9	1.3	.2										40	40	70	26
42/ 41	.1	.8	.5	.1	1.3	1.1	.6	.5										42	42	67	36
40/ 39	.4	.6		.4	1.2	1.2	.6											36	36	75	24
38/ 37	.2	.7	.5	.6	.6	1.5	.1											36	36	62	28
36/ 35	.4	.7	.1	.2	.4	.8												22	22	54	55
34/ 33		.9			.2	.1												11	11	58	27
32/ 31		.1			.1													2	2	41	25
30/ 29					.1													1	1	23	39
28/ 27																				25	36
26/ 25					.1													1	1	5	48
24/ 23				.1														1	1		44
22/ 21																				1	33
20/ 19																				1	48
18/ 17																				1	43
16/ 15																					29
14/ 13																					33

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70, 74-78 (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
12/ 11																					22
10/ 9																					23
8/ 7																					17
6/ 5																					14
4/ 3																					4
2/ 1																					2
0/ -1																					5
-2/ -3																					4
-4/ -5																					3
-6/ -7																					1
TOTAL	1.8	10.2	4.5	6.1	10.8	14.2	16.4	15.1	10.8	6.4	2.4	.9	.5					846	846	846	846

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.	2147601	37999	44.9	22.841	846							
Dry Bulb	2597083	45895	54.2	11.269	846		.5	14.3	5.0	.1		84
Wet Bulb	1718115	37205	44.0	9.847	846		9.6	.6				84
Dew Point	984755	25875	30.6	15.127	846	1.3	47.0	.1				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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70, 74-78 (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
80/ 79								.1	.2	.6			.4					11	11		
78/ 77					.2		.4	.2	.4	.2		.4	.4					18	18		
76/ 75					.1		.1	.2	.1	.5	.1	.2	.6					17	17		
74/ 73						.1	.1	.1	.2	.7		.2	.1					14	14		
72/ 71				.2	.2	.5	.6	.7	.9	.6		.5						36	36		
70/ 69				.1	.5	.7	.4	.7	.9	.7	.5	.4						41	41	2	
68/ 67				.4	.1	.5	.1	.2	.5	.6	.4	.2						25	25	1	
66/ 65				.7		.1	.1	.6	.8	.9	1.7							42	42	7	1
64/ 63		.7	.5	.2		.4	.4	.5	.6	1.3	.8							45	45	11	3
62/ 61		1.1	.5	.4	.4	.4	.5	.5	1.1	.8	.5							50	50	29	3
60/ 59		.1	.5	.2		.2	.9	.5	1.8	.4	.1							40	40	38	15
58/ 57	.1	.6	.1	.1	.2	.5	.7	1.4	1.7	1.4	.1							59	59	29	24
56/ 55	.1	.2	.5	.1		.6	1.5	.8	2.7	.7								62	62	39	16
54/ 53		.8	.1	.5	.2	.7	1.1	2.2	1.8	.5								67	67	36	11
52/ 51		.2	.9	.5	.4	.5	.6	1.9	.6									47	47	42	36
50/ 49		.6	.2	.5	.6	.8	1.2	1.5	.6	.1								52	52	43	14
48/ 47		.2	.5	.2	.1	.5	1.4	1.7	.1									40	40	52	19
46/ 45		.5	.4	.6	.4	.4	1.2	.5	.2									34	34	57	17
44/ 43	.5	1.1	.2	.2	.6	1.3	.8	.7										46	46	82	39
42/ 41		1.5		.4	.2	.6	1.7	.1										38	38	65	30
40/ 39		.6	.2	.2	.5	.6	.1											19	19	89	24
38/ 37		1.3	.6		.2	.6												23	23	54	39
36/ 35	.2	.4			.2													7	7	61	41
34/ 33	.1	.7	.4															10	10	44	37
32/ 31																				29	27
30/ 29					.1	.2												3	3	27	46
28/ 27																				6	41
26/ 25																					42
24/ 23																					34
22/ 21																				3	47
20/ 19																					41
18/ 17																					33
16/ 15																					35
14/ 13																					28

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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | FEB 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
12/ 11																					26
10/ 9																					21
8/ 7																					22
6/ 5																					14
4/ 3																					5
2/ 1																					2
0/ -1																					4
-2/ -3																					6
-4/ -5																					1
-8/ -9																					2
TOTAL	1.1	10.6	5.6	5.6	5.3	10.0	13.8	15.2	15.2	10.0	4.1	1.9	1.4					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.	1996302	35952	42.5	23.546	846							
Dry Bulb	2766293	47485	56.1	10.934	846		.3	16.1	6.0	.5		84
Wet Bulb	1770549	37907	44.8	9.233	846		6.5	.3				84
Dew Point	971091	25695	30.4	15.022	846	1.3	47.4					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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70, 74-78 YEARS | FEB MONTH

PAGE 1 | 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
76/ 75									.1			.1						2	2		
74/ 73						.2	.2	.1	.1									6	6		
72/ 71					.2	.1				.1	.2	.1						7	7		
70/ 69		.1	.1	.2	.1		.1	.2	.1		.1	.1						11	11	1	1
68/ 67			.4	.6	.4	.6	.1	.4		.5	.1							25	25		
66/ 65		.2	.2	.5	.4	.4	.5	.5	.1	.1	.1							25	25	3	
64/ 63		.1	.2	.4	.4	.6	.6	.2	.5	.1								26	26	13	2
62/ 61	.2	1.4	.6	.2	.6	.4	.4	.6	.7	.2								45	45	12	7
60/ 59		1.2	.7	.5	1.1	.2	.7	.8	.7	.1								51	51	34	15
58/ 57		.7	.6	.7	.6	.4	.4	.9	.7									42	42	21	19
56/ 55		.8	.2	.1	.6	.5	1.2	.8	.4									39	39	23	20
54/ 53		.5	.1	.6	.5	.8	1.7	.8	.6	.1								48	48	40	15
52/ 51	.2	.4	.2	.7	.5	1.7	1.3	.9	.5									54	54	32	21
50/ 49		.9	.5	1.3	1.3	1.7	2.1	.6										71	71	29	21
48/ 47	.1	1.2	.7	.8	1.4	1.8	1.8	.2										68	68	42	16
46/ 45	.1	1.7	.5	1.3	1.8	1.5	1.2	.1										69	69	58	34
44/ 43	.2	.4	.7	1.1	1.2	.9	1.8	.2										55	55	67	34
42/ 41	.1	1.2	.4	.6	1.9	1.2	.5	.2										51	51	76	28
40/ 39		1.4	.5	.8	1.1	1.4	.5											48	48	73	30
38/ 37		.9	1.1	.6	1.1	1.2												41	41	82	38
36/ 35	.6	.7	.2	.6	.9	.2												28	28	61	28
34/ 33		.5	.5	.4	.6													16	16	55	39
32/ 31		.4		.1	.4													7	7	47	49
30/ 29		.1	.4	.4	.2													9	9	38	55
28/ 27					.1													1	1	20	46
26/ 25					.1													1	1	11	49
24/ 23																				5	40
22/ 21																				1	38
20/ 19																				2	47
18/ 17																					23
16/ 15																					32
14/ 13																					18
12/ 11																					20
10/ 9																					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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
8/ 7																					16
6/ 5																					12
4/ 3																					9
2/ 1																					1
0/ -1																					2
-2/ -3																					1
-6/ -7																					2
-8/ -9																					1
TOTAL	1.7	14.8	8.7	12.4	17.3	15.7	14.9	7.8	4.5	1.3	.6	.4						846	846	846	846

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.	2767942	44498	52.6	22.491	846							
Dry Bulb	2215496	42482	50.2	9.866	846		1.8	5.1	.8			84
Wet Bulb	1590211	35815	42.3	9.358	846		12.3	.1				84
Dew Point	1009260	26588	31.4	14.336	846	.6	47.5	.1				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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 56-70,74-78 YEARS | FEB 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
70/ 69				.5	.1													5	5		
68/ 67		.1	.2	.1		.1												5	5		
66/ 65		.2	.2	.1					.1									11	11	3	
64/ 63		.4		.7		.1		.2										12	12	8	4
62/ 61	.1	1.1	.9	.6	.4	.2	.1	.5										33	33	8	3
60/ 59		1.5	.7	.6	1.3	.1	.2	.1										39	39	23	20
58/ 57		1.1	.5	.5	.7	.6	.4		.4									34	34	23	13
56/ 55		.4	.8	1.3	.6	.6	1.1											40	40	19	22
54/ 53		1.1	.4	.7	.5	.7	.9	.1										37	37	20	10
52/ 51		.4	.9	.2	.8	1.4	.4											35	35	26	17
50/ 49	.6	.8	.4	.8	.5	.8	.4											36	36	42	27
48/ 47	.1	.9	.4	1.2	2.1	1.2	.5											54	54	29	14
46/ 45		2.5	1.2	1.1	2.1	.8	.4											68	68	40	26
44/ 43		1.1	1.9	1.9	2.0	1.9	.1											75	75	55	34
42/ 41	.1	2.7	.9	1.9	2.8	.7												78	78	61	30
40/ 39	.1	.8	2.2	2.7	1.8	.5												69	69	78	34
38/ 37		1.4	1.4	1.9	.8	.5	.1											52	52	71	40
36/ 35	.2	1.3	.4	.8	1.9	.5												43	43	75	28
34/ 33	.2	.6	1.2	1.1	1.4													38	38	78	49
32/ 31	.2	1.1	.9	2.1	.6													42	42	38	66
30/ 29	.1	.5	.4	1.5	.1													22	22	44	60
28/ 27			.5	.4														7	7	42	40
26/ 25			.2	.4														5	5	34	52
24/ 23		.1		.4														4	4	16	43
22/ 21			.2															2	2	6	43
20/ 19																				3	33
18/ 17																				4	22
16/ 15																					25
14/ 13																					18
12/ 11																					26
10/ 9																					19
8/ 7																					12
6/ 5																					6
4/ 3																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 06-70,74-78 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 1																					3
0/ -1																					1
-2/ -3																					3
-4/ -5																					2
TOTAL	1.9	20.0	16.9	24.0	20.6	10.8	4.5	.9	.5									846	846	846	846

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.	3534885	52119	61.6	19.582	846							
Dry Bulb	1818368	38338	45.3	9.792	846		8.1	1.0				84
Wet Bulb	1425466	33722	39.9	9.808	846		18.6					84
Dew Point	1010206	26866	31.8	13.632	846	.6	47.2					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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) FEB (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				
80/ 79						.0		.0	.0	.1			.1					15	15		
78/ 77					.0	.0	.1	.1	.1	.0		.1	.0					27	27		
76/ 75					.0		.1	.1	.0	.1	.1	.1	.1					36	36		
74/ 73			.0	.0	.0	.1	.1	.0	.1	.1	.0	.1	.0					42	42		
72/ 71				.1	.1	.2	.2	.2	.2	.2	.0	.1						80	80		
70/ 69		.0	.1	.1	.2	.1	.1	.2	.3	.1	.1	.1						97	97	6	1
68/ 67	.0	.1	.1	.3	.2	.2	.2	.1	.1	.2	.1	.0						115	115	7	4
66/ 65	.0	.2	.2	.3	.2	.2	.1	.2	.3	.2	.3	.0						146	146	35	15
64/ 63	.0	.5	.3	.5	.1	.2	.2	.2	.2	.4	.1							195	195	68	25
62/ 61	.1	.9	.7	.4	.3	.2	.2	.3	.3	.4	.1							264	264	122	47
60/ 59	.1	1.0	.8	.4	.6	.1	.4	.3	.5	.1	.0							294	294	191	105
58/ 57	.1	.8	.6	.3	.4	.4	.4	.5	.6	.2	.0							283	283	221	134
56/ 55	.1	.7	.4	.4	.5	.4	.7	.5	.5	.1								287	287	218	151
54/ 53	.0	.8	.5	.5	.3	.6	.8	.7	.5	.1								316	316	198	143
52/ 51	.1	.4	.8	.5	.5	.8	.6	.6	.2									306	306	205	164
50/ 49	.1	.7	.5	.8	.6	.9	.9	.5	.1	.0								340	340	232	144
48/ 47	.1	.9	.7	.8	1.0	.9	.7	.5	.0									378	378	271	124
46/ 45	.2	1.6	.7	1.0	1.2	.7	.6	.1	.0									424	424	346	195
44/ 43	.3	1.4	1.0	1.0	1.1	.9	.6	.1										442	443	455	251
42/ 41	.1	1.9	.9	1.2	1.5	.6	.4	.1										446	446	463	226
40/ 39	.1	1.4	1.3	1.5	1.2	.6	.2											431	431	576	259
38/ 37	.1	1.9	1.5	1.7	1.1	.7	.0											469	469	500	285
36/ 35	.4	1.0	1.2	1.2	.9	.3												340	340	540	328
34/ 33	.1	1.0	1.2	.9	.7	.1												273	273	497	323
32/ 31	.2	.9	1.3	.9	.4	.0												251	251	430	325
30/ 29	.1	.4	1.0	.7	.2	.0												166	166	362	411
28/ 27	.2	.5	.5	.5	.0													118	118	297	358
26/ 25	.1	.2	.6	.3	.0													78	78	217	387
24/ 23	.0	.2	.4	.2														57	57	117	350
22/ 21		.2	.2	.0														26	26	104	312
20/ 19			.2	.0														12	12	45	363
18/ 17		.0	.1	.0														7	7	23	282
16/ 15		.0	.1															6	6	11	206
14/ 13																				7	190

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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | FEB 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
12/ 11																				3	171
10/ 9																					139
8/ 7																					123
6/ 5																					87
4/ 3																					50
2/ 1																					24
0/ -1																					25
-2/ -3																					17
-4/ -5																					13
-6/ -7																					7
-8/ -9																					3
TOTAL	2.8	19.8	17.7	16.5	13.2	9.2	7.5	5.4	4.0	2.3	.9	.4	.2						6768		6767
																		6767		6767	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Ref. Hum.	26374807	393219	58.1	22.827	6767							
Dry Bulb	15900113	317939	47.0	11.938	6768		71.6	40.9	11.9	.6		672
Wet Bulb	11774157	273213	40.4	10.482	6767		160.5	1.3				672
Dew Point	7863046	209288	30.9	14.334	6767	6.5	381.6	.5				672

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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
72/ 71				.2															2	2		
70/ 69			.6	.3	.1		.1												11	11		
68/ 67		.8	1.3	.1	.2	.4	.1	.1											28	28	3	
66/ 65		.5	1.2	.5	.4	.4	.1			.1									31	31	19	9
64/ 63		1.4	.9	1.0	.3	.4				.1									38	38	18	11
62/ 61	.1	1.6	1.3	.8	1.2	.2	.1	.1	.2										52	52	28	26
60/ 59	.1	2.8	1.2	1.4	.5	.6	.4												66	66	49	33
58/ 57	.2	2.4	1.4	.9	.4	.4	.2	.4	.2										61	61	49	29
56/ 55	.8	3.1	1.7	1.4	1.1	.4	.4	.2	.3										88	88	63	57
54/ 53	.3	2.3	2.2	1.1	.8	.1	.8	.3											72	72	67	39
52/ 51		2.2	1.7	1.4	1.0	.3	.3	.2											66	66	53	54
50/ 49	.4	1.3	2.5	1.0	1.3	.3	.1	.1											65	65	72	59
48/ 47		1.3	.8	2.2	.9	.3	.3												53	53	60	46
46/ 45	.2	1.4	1.8	1.6	.8	.4	.1												59	59	54	52
44/ 43		1.0	1.4	1.6	.8	.5													49	49	53	40
42/ 41	.1	.1	1.1	1.7	1.1	.2													40	40	70	47
40/ 39		.9	1.3	1.7	.6	.2													44	44	55	46
38/ 37		.9	.6	1.2	.4														29	29	38	35
36/ 35	.3	.8	.5	.8	.6														28	28	58	31
34/ 33			.9	1.2	.4														23	23	39	30
32/ 31			.3	1.2	.1														15	15	22	55
30/ 29			.3	.6															9	9	19	36
28/ 27			.1																1	1	23	40
26/ 25																					16	23
24/ 23																					2	27
22/ 21																						20
20/ 19																						29
18/ 17																						10
16/ 15																						18
14/ 13																						18
12/ 11																						7
10/ 9																						1
8/ 7																						2

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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	2.6	24.5	25.1	23.8	13.0	5.5	3.1	1.5	.8	.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.	4802064	64568	69.4	18.537	930							
Dry Bulb	2522236	47620	51.2	9.503	930		2.5	4.1				93
Wet Bulb	2101085	43217	46.5	9.994	930		8.2	.3				93
Dew Point	1708288	37848	40.7	13.448	930		28.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70, 74-78 (YEARS) MAR (MONTH)

PAGE 1 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
72/ 71				.1														1	1		
70/ 69			.2															2	2		
68/ 67		.4	1.1		.2		.1	.2										19	19	3	1
66/ 65		1.2	1.3	.5	.2			.1										31	31	6	3
64/ 63		1.5	.5	.2	.1	.1	.1											24	24	27	13
62/ 61		2.3	1.4	.2	.1	.1	.3											41	41	23	26
60/ 59	.4	1.9	1.9	.9	.3	.2												53	53	44	37
58/ 57	.1	3.3	2.7	.9	1.4		.2	.1										81	81	42	23
56/ 55	1.1	2.4	.8	1.2	.5	.1	.4											60	60	59	52
54/ 53	.3	2.0	.5	.4	.1	.5	.2											39	39	63	48
52/ 51	.1	3.0	3.5	.5	.2	.3	.3											75	75	42	38
50/ 49	.5	2.0	2.6	1.4	.3	.5	.5											74	74	75	58
48/ 47		3.0	2.0	.4	.5	.3	.2											61	61	50	43
46/ 45	.3	1.7	1.7	1.1	1.1	.5	.1											61	61	65	58
44/ 43	.1	1.4	1.9	1.1	.6													48	48	56	37
42/ 41		.9	2.6	1.0	.5	.2												48	48	39	67
40/ 39		1.1	2.3	1.6	.3													49	49	68	38
38/ 37	.1	1.1	2.0	1.2	.4	.2												47	47	46	31
36/ 35	.5	1.0	1.2	1.2	.3													39	39	65	36
34/ 33		.5	1.2	1.0	.1													26	26	41	37
32/ 31		.1	.3	.4	.1													9	9	31	30
30/ 29		.4	1.5	1.1														28	28	25	51
28/ 27		.2	.6	.1														9	9	20	43
26/ 25		.1	.4															5	5	23	28
24/ 23																				15	30
22/ 21																				2	18
20/ 19																					21
18/ 17																					16
16/ 15																					16
14/ 13																					19
12/ 11																					9
10/ 9																					1
8/ 7																					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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION — SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME — 66-70,74-78 YEARS — MAR 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
TOTAL	3.7	31.6	34.4	16.5	7.6	3.2	2.6	.4										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.	5324519	68537	73.7	17.162	930							
Dry Bulb	2318234	45500	48.9	9.960	930		5.1	2.2				93
Wet Bulb	1995145	41975	45.1	10.408	930		11.6	.3				93
Dew Point	1677355	37481	40.3	13.399	930		28.4	.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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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
70/ 69			.5															5	5		
68/ 67		.3	.9			.1												12	12	3	
66/ 65		1.7	.8	.5	.3													31	31	8	6
64/ 63	.3	1.5	.8	.1	.3													28	28	33	18
62/ 61	.1	2.5	1.5	.2		.3	.3											46	46	23	27
60/ 59	.5	3.2	1.2	.8	.3	.3	.1	.2										62	62	42	35
58/ 57	.8	2.2	1.5	.8	.3		.5											56	56	55	32
56/ 55	.9	3.0	1.6	.6	.4	.3	.6											70	70	50	56
54/ 53	.2	2.2	.9	.8	.3	.1	.2	.1										44	44	47	39
52/ 51	.3	1.9	1.7	.5	.2	.8												51	51	53	37
50/ 49	.1	3.7	2.4	.6	.1	.4	.1											69	69	43	54
48/ 47	.2	3.0	2.5	1.0	.6	.4	.1											73	73	75	39
46/ 45	.1	1.9	2.0	1.2	1.2	1.3												72	72	57	46
44/ 43		1.3	1.5	.4	.4													34	34	56	43
42/ 41		1.0	2.3	2.3	1.0	.1												61	61	46	59
40/ 39	.1	1.6	1.3	1.5	.2	.1												45	45	56	34
38/ 37	.2	1.1	1.4	1.2	.4													40	40	53	39
36/ 35	.2	1.5	2.0	1.3	.5													52	52	56	41
34/ 33		.4	1.3	.8	.1													24	24	52	39
32/ 31		.2	1.0	.3														14	14	31	34
30/ 29		.3	.9	.6														17	17	31	41
28/ 27		.4	1.1	.2														16	16	22	34
26/ 25		.1	.6															7	7	15	46
24/ 23			.1															1	1	19	31
22/ 21																				4	21
20/ 19																					27
18/ 17																					6
16/ 15																					16
14/ 13																					16
12/ 11																					12
10/ 9																					2
TOTAL	4.1	35.1	31.6	15.7	6.9	4.3	2.0	.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.	5435338	69310	74.5	17.044	930							
Dry Bulb	2298653	45253	48.7	10.150	930		5.5	1.7				93
Wet Bulb	1992717	41891	45.0	10.670	930		12.2	.3				93
Dew Point	1687318	37548	40.4	13.581	930		28.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 06-70, 74-78 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
82/ 81										.1								1	1		
80/ 79							.1	.2	.2	.1	.1							7	7		
78/ 77					.1	.1	.3	.1	.1		.1		.1					9	9		
76/ 75					.1	.4	.4	.1	.2									12	12		
74/ 73				.3	.5	.4	.4	.2	.3	.1								22	22		
72/ 71				.8	1.0	.8	.6	.1	.3	.2			.1					36	36		
70/ 69		.3	1.6	.8	.5	1.1	.5		.4	.1	.1							51	51	2	
68/ 67		.8	.8	1.0	1.2	1.1	1.1	.4		.1	.2							61	61	13	3
66/ 65		.9	1.0	1.4	.9	.4	.4	.4	.3	.2	.2							57	57	49	10
64/ 63		1.2	.6	1.1	.4	.9	1.1	.2	.8		.1							59	59	41	26
62/ 61	.2	1.4	1.0	1.5	1.3	.6	.6	.3	.3	.3								71	71	60	38
60/ 59	.2	1.1	.5	1.0	.1	.6	.9	1.0	.8	.1								58	58	60	42
58/ 57	.2	1.5	1.3	.3	.8	.4	.6	.6	.3									57	57	54	41
56/ 55	.4	1.0	.3	1.1	.6	1.3	1.6	.9	.1									68	68	62	53
54/ 53		1.1	.8	.5	.9	.3	.5	.8	.1									46	46	73	47
52/ 51		1.1	.9	.8	1.0	1.2	.8	.1	.1									54	54	30	51
50/ 49		.5	.2	1.5	.6	1.5	1.4	.3										57	57	54	45
48/ 47		.3	.2	.2	.5	1.8	1.2											43	43	50	35
46/ 45		.8	.4	.5	.4	1.6	.2											37	37	60	35
44/ 43		.5	.1	.8	1.1	.5	.4											32	32	61	39
42/ 41		.5	.4	.4	.6	.5	.2											26	26	44	32
40/ 39		.8	.1	.3	.4	.6	.1											22	22	55	35
38/ 37		.8		.3	.6	.3												19	19	52	29
36/ 35	.1	.1	.1	.5	.9	.1												17	17	39	43
34/ 33				.1	.4													5	5	18	31
32/ 31				.3														3	3	18	37
30/ 29																				20	25
28/ 27																				10	32
26/ 25																				5	31
24/ 23																					33
22/ 21																					43
20/ 19																					26
18/ 17																					15
16/ 15																					16

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperatur						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ [illegible] 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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) MAR (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
14/ 13																					13
12/ 11																					16
10/ 9																					3
8/ 7																					2
6/ 5																					1
4/ 3																					2
TOTAL	1.2	14.5	10.3	15.5	15.4	16.8	13.7	5.8	4.4	1.4	.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.	3531774	53854	57.9	21.090	930							
Dry Bulb	3140116	53160	57.2	10.449	930		.3	19.9	5.1	.3		93
Wet Bulb	2375911	46007	49.5	10.372	930		5.3	1.5				93
Dew Point	1759492	38018	40.9	14.867	930		29.5	.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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | MAR 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
88/ 87											.1	.2						3	3		
86/ 85									.1	.3	.4	.2		.1				11	11		
84/ 83								.1	.2	.2	.2	.1	.2			.1	.1	12	12		
82/ 81							.1	.6	.2	.4	.1	.3	.2			.1		20	20		
80/ 79						.6	.6	.4	1.0	.5	.5	.3	.2					40	40		
78/ 77					.3	.4	.5	1.1	1.0	.8	.8	.4	.2					51	51		
76/ 75				.1	.6	1.0	.6	1.4	.8	1.0	.5		.1	.3				60	60		
74/ 73				.4	.3	1.1	.6	.5	.9	.6	.3	.1	.2	.1				49	49		
72/ 71			.4	.5	1.1	.2	.3	.8	1.3	.9	.3	.1	.2					57	57		
70/ 69		.3	.4	.5	.5	.5	.9	.6	.6	.5	.6	.5	.1					59	59	19	1
68/ 67		.3	.4	1.0	.4	.1	.2	1.0	.4	1.2	.2	.6						55	55	42	4
66/ 65		.1	.3	.8	.8	.4	.3	1.0	1.0	.6	.4	.1						54	54	46	13
64/ 63		.9	.1	.1	.2		.5	.6	1.2	1.3	.3							49	50	66	25
62/ 61		.5	.3	.2	.2	.5	.8	1.3	1.3	.9		.1						57	58	60	32
60/ 59		.3	.2	.4	.2	.5	1.1	.8	1.0	.9	.1							51	51	61	36
58/ 57		1.0	.4	.3	.3	.3	.9	1.3	1.3	.2								56	56	61	43
56/ 55	.1	.6	.2	.4	.5	.5	.8	1.2	.8	.2								50	50	45	42
54/ 53	.1	.8	.2	.1	.2	.2	1.0	1.4	.8									44	44	54	50
52/ 51		.1	.4	.1	.6	.1	.8	1.6	.1									36	36	44	36
50/ 49			.1	.1		.3	1.6	.4	.2									26	26	69	34
48/ 47		.5	.1			.8	.3	.5										21	21	69	34
46/ 45		.6			.1		.4	.1										12	12	54	36
44/ 43		.4	.1			.9	.1											14	14	53	44
42/ 41		.3		.1	.1	1.2	.2											18	18	43	41
40/ 39		.6	.3	.2	.1	.6												18	18	45	36
38/ 37	.1	.4																5	5	42	36
36/ 35																				16	37
34/ 33																				21	28
32/ 31																				13	32
30/ 29																				5	33
28/ 27																					35
26/ 25																					42
24/ 23																					23
22/ 21																					29

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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 06-70,74-78 YEARS | MAR MONTH

PAGE 2 | 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
20/ 19																					43
18/ 17																					25
16/ 15																					23
14/ 13																					17
12/ 11																					5
10/ 9																					7
8/ 7																					2
6/ 5																					1
4/ 3																					2
2/ 1																					1
TOTAL	.3	8.0	4.2	5.5	6.8	10.5	12.7	16.8	14.0	1..6	5.1	3.2	1.5	.5		.2	.1	928	930	928	928

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2292157	41737	45.0	21.159	928							
Dry Bulb	3935160	59594	64.1	11.194	930			41.7	24.6	6.5		93
Wet Bulb	2602459	48265	52.0	9.974	928		1.8	6.1				93
Dew Point	1684237	36969	39.8	15.105	928		32.1	.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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89													.1					1	1		
88/ 87											.1	.4	.2					7	7		
86/ 85									.2	.1	.2	.5		.2				12	12		
84/ 83								.2	.2	.5	.3	.2	.2	.3	.1	.1	.1	22	22		
82/ 81						.2	.2	.4	.3	1.3	.6	.4	.2	.1	.1			37	37		
80/ 79						.2	.5	1.0	.4	1.1	1.1	.5	.5	.4	.2			56	56		
78/ 77					.4	.1	.6	.5	1.1	1.0	1.4	.9	.2		.1			59	59		
76/ 75				.2	.1	.3	1.0	.9	.3	1.6	.8	.3	.2	.2				55	55		
74/ 73		.1			.2	.9	.4	.4	1.2	.5	.8	1.0	.1	.5				57	57		
72/ 71		.2	.3	.3	.5	.5		.4	.3	1.1	.6	.8	.3	.1				52	52	3	
70/ 69		.1	.2	.3	.6	.3	.5	.3	.8	.1	.5	.4	.2					42	42	22	3
68/ 67		.2	.3	.9	.1	.9	.6	.2	.1	1.7	.5	.2						54	54	21	1
66/ 65			.3	.6	.3	.4	.1	.2	1.1	1.7	.8	.6						58	58	51	14
64/ 63		.6	.4	.4	.2	.8		.9	1.2	1.9	.5	.2						67	67	57	15
62/ 61		1.1	.2	.3	.2	.4	.4	1.0	1.1	1.1	.5							59	59	66	18
60/ 59		.4	.2	.8	.1	.1	.8	.6	1.0	1.1								47	47	62	29
58/ 57		.8	.3	.4		.2	1.0	.5	1.2	.6	.2							49	49	83	46
56/ 55	.2	.5	.1	.5	.1		.6	1.5	1.5	.6								54	54	48	41
54/ 53		.3	.2	.5	.2		.1	.9	1.4									34	34	66	41
52/ 51			.9	.2	.1		.2	.4	.8									24	24	38	54
50/ 49	.1	.2	.2	.1		.2	.5	.2										15	15	72	33
48/ 47		.6	.2			.2	.3	.5	.2									20	20	78	43
46/ 45		.3	.1			.1	1.2	.1										17	17	57	48
44/ 43			.1			.8	.3											11	11	42	43
42/ 41		.4		.1		.2												7	7	43	29
40/ 39		.5	.3	.2	.1													11	11	47	37
38/ 37	.3																	3	3	28	27
36/ 35																				24	35
34/ 33																				18	37
32/ 31																				4	36
30/ 29																					48
28/ 27																					29
26/ 25																					31
24/ 23																					26

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

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70, 74-78 YEARS | MAR 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
22/ 21																					26
20/ 19																					32
18/ 17																					39
16/ 15																					25
14/ 13																					20
12/ 11																					15
10/ 9																					2
8/ 7																					3
6/ 5																					1
4/ 3																					3
TOTAL	.6	6.6	4.5	6.0	3.4	6.9	9.6	11.3	14.3	16.1	9.0	6.6	2.4	1.9	.5	.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.	2046744	38632	41.5	21.812	930							
Dry Bulb	4166173	61391	66.0	11.060	930			45.4	30.6	10.9		93
Wet Bulb	2637805	48755	52.4	9.386	930		.4	4.6				93
Dew Point	1620856	36262	39.0	14.925	930		33.6	.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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) MAR (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
84/ 83									.1		.1	.1						3	3		
82/ 81								.1		.3	.3	.1						8	8		
80/ 79							.1	.2	.6	.1			.2					12	12		
78/ 77					.1	.1	.2	.2	.4	.3	.4	.1	.1					19	19		
76/ 75				.1	.4	.2	.5	.9	.4	.8	.2		.1					34	34		
74/ 73				.4	.4	.5	.5	.6	.4	.5	.4	.2						39	39		
72/ 71				.4	.3	.9	1.2	.9	.9	.5	.3	.4	.3					57	57		
70/ 69	.1	.2	.1	.2	.6	1.4	1.1	.9	.9	.4	.2	.2						59	59	4	1
68/ 67	.2	.4	.5	.8	.4	1.0	.9	.5	.8	.6	.2	.1	.1					61	61	18	4
66/ 65		.8	.5	.4	1.0	1.1	.4	1.1	.4	.5	.2	.2						62	62	20	8
64/ 63		.8	.1	.4	.6	1.1	.5	.9	1.1	.5		.1						57	57	45	15
62/ 61		.6	.8	.4	.4	.9	1.3	1.3	.5	.5								63	63	60	18
60/ 59		1.4	.6	1.2	.6	.8	.9	1.1	.1	.2	.1							65	65	57	26
58/ 57		1.5	.8	.3	.8	.9	1.2	.3	.8	.1								61	61	78	37
56/ 55	.1	.6	.9	.3	.6	1.8	1.0	1.2	.3	.1								65	65	70	43
54/ 53		.8	.6	.3	.9	.6	1.1	.8	1.0									56	56	69	38
52/ 51	.1	.6	1.0	.4	.5	.4	1.2	1.4										53	53	62	74
50/ 49	.2	.4	.3	.9	.2	1.1	.4	.8										40	40	65	34
48/ 47		.3		.1	.5	.4	.6	.6										25	25	67	56
46/ 45		.3	.2	.1	.5	.8	.5	.2										25	25	74	51
44/ 43			.3	.1	.3	.4	.3											14	14	36	34
42/ 41		.2			.6	.6												14	14	42	31
40/ 39		.6		.9	.5	.1												20	20	44	47
38/ 37	.1	.4		.1	.8													13	13	35	49
36/ 35		.2		.2	.1													5	5	34	42
34/ 33																				29	36
32/ 31																				16	32
30/ 29																				5	32
28/ 27																					33
26/ 25																					34
24/ 23																					26
22/ 21																					18
20/ 19																					23
18/ 17																					29

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) MAR (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
16/ 15																					20
14/ 13																					14
12/ 11																					19
10/ 9																					1
8/ 7																					4
4/ 3																					1
TOTAL	.9	10.3	6.8	8.2	11.5	15.1	14.0	13.9	8.7	5.7	2.6	1.6	.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.	2821200	47068	50.6	21.740	930							
Dry Bulb	3501596	56266	60.5	10.242	930			29.2	11.5	1.3		93
Wet Bulb	2450780	46958	50.5	9.266	930		2.1	2.2				93
Dew Point	1663531	37103	39.9	14.046	930		28.6	.5				93

USAFETAC FORM 0-26-5 (OL A) 10S 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) MAR (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
78/ 77								.1										1	1		
76/ 75								.2	.1									3	3		
74/ 73					.2													2	2		
72/ 71			.1	.8	.5	.3			.1									17	17		
70/ 69		.1	.4	1.0	.3	.9	.5	.2			.1	.1						34	34		
68/ 67		.4	1.0	.5	1.0	1.3	.2	.1	.3	.1	.1							47	47	5	
66/ 65	.3	.1	.4	1.2	1.1	.6	.6	.3	.1	.1								46	46	24	7
64/ 63	.1	1.9	1.0	1.0	.9	1.0	.1	.6	.2	.2	.1							66	66	26	17
62/ 61	.1	.8	1.2	1.4	1.9	.8	1.1	.4	.3	.2	.1							77	77	39	31
60/ 59	.1	1.7	.9	1.4	1.1	.5	.9	.2	.3	.1								67	67	61	25
58/ 57		2.0	1.8	1.1	1.3	.4	.4	.1										67	67	60	34
56/ 55	.3	1.3	1.5	1.2	1.3	1.5	.8		.1									74	74	56	39
54/ 53	.3	1.4	1.0	.9	.9	1.6	.3		.1									60	60	79	58
52/ 51	.2	1.5	1.3	1.5	1.5	.4	.5	.1										66	66	60	67
50/ 49	.3		1.2	1.6	.8	1.6	.5											56	56	76	51
48/ 47	.1	1.3	.8	1.3	1.2	.9	.3	.1										55	55	58	46
46/ 45		.6	.1	1.1	1.3	1.0	.2											40	40	65	48
44/ 43			.4	1.0	1.2	.6	.5											35	35	69	38
42/ 41			.4	1.6	1.2	.3	.1											34	34	26	35
40/ 39	.1	.5	.6	.5	.9	.4												29	29	55	48
38/ 37		.3	.6	.5	1.4	.2												29	29	44	52
36/ 35	.3	.3		.8	.2													15	15	44	38
34/ 33			.1	.2	.2													5	5	30	30
32/ 31			.1	.3														4	4	17	45
30/ 29			.1															1	1	27	34
28/ 27																				5	39
26/ 25																				4	35
24/ 23																					11
22/ 21																					26
20/ 19																					18
18/ 17																					18
16/ 15																					15
14/ 13																					12
12/ 11																					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 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) MAR (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
10/ 9																					1
8/ 7																					2
6/ 5																					1
TOTAL	2.4	14.4	15.1	20.8	20.2	14.4	7.2	2.6	1.7	.8	.4	.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.	3993323	58215	62.6	19.389	930							
Dry Bulb	2872271	50933	54.8	9.443	930		.5	10.4	.6			93
Wet Bulb	2258878	44966	48.4	9.551	930		5.3	.5				93
Dew Point	1734559	38203	41.1	13.337	930		26.6					93

USAFETAC FORM 0-26-5 (OL A) JUL 61 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 06-70, 74-78 YEARS | MAR 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				
90/ 89													.0					1	1		
88/ 87											.0	.1	.0					10	10		
86/ 85									.0	.1	.1	.1		.0				23	23		
84/ 83								.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	37	37		
82/ 81						.1	.0	.1	.1	.3	.1	.1	.1	.0	.0	.0		66	66		
80/ 79						.1	.2	.2	.3	.2	.2	.1	.1	.1	.0			115	115		
78/ 77					.1	.1	.2	.3	.3	.3	.3	.2	.1		.0			139	139		
76/ 75				.1	.2	.2	.3	.4	.2	.4	.2	.0	.1	.1				164	164		
74/ 73		.0		.1	.2	.4	.3	.2	.3	.2	.2	.2	.0	.1				169	169		
72/ 71		.0	.1	.4	.4	.3	.3	.3	.4	.3	.2	.2	.1	.0				222	222	3	
70/ 69	.0	.1	.5	.4	.3	.5	.5	.3	.3	.1	.2	.2	.0					263	263	47	5
68/ 67	.0	.5	.8	.5	.4	.6	.4	.3	.2	.5	.2	.1	.0					337	337	106	13
66/ 65	.0	.7	.7	.8	.6	.4	.3	.4	.4	.4	.2	.1						370	370	223	70
64/ 63	.1	1.2	.6	.5	.4	.5	.3	.4	.6	.5	.1	.0						388	389	313	140
62/ 61	.1	1.3	1.0	.6	.7	.5	.6	.6	.5	.4	.1	.0						466	467	359	216
60/ 59	.2	1.6	.8	1.0	.4	.5	.6	.5	.4	.3	.0							469	469	436	263
58/ 57	.2	1.8	1.3	.6	.7	.3	.6	.4	.5	.1	.0							488	488	482	285
56/ 55	.5	1.6	.9	.8	.7	.8	.8	.6	.4	.1								529	529	453	383
54/ 53	.2	1.3	.8	.6	.5	.4	.5	.5	.4									395	395	518	360
52/ 51	.1	1.3	1.4	.7	.6	.4	.5	.5	.1									425	425	382	411
50/ 49	.2	1.0	1.2	.9	.4	.8	.7	.2	.0									402	402	526	368
48/ 47	.0	1.3	.8	.6	.6	.6	.4	.2	.0									351	351	507	342
46/ 45	.1	1.0	.8	.7	.7	.7	.3	.1										323	323	486	374
44/ 43	.0	.6	.7	.6	.6	.5	.2											237	237	426	318
42/ 41	.0	.4	.8	.9	.6	.4	.1											248	248	353	341
40/ 39	.0	.8	.8	.9	.4	.3	.0											238	238	425	321
38/ 37	.1	.6	.6	.6	.5	.1												185	185	338	298
36/ 35	.2	.5	.5	.6	.3	.0												156	156	336	303
34/ 33		.1	.4	.4	.2													83	83	248	268
32/ 31		.0	.2	.3	.0													45	45	152	301
30/ 29		.1	.3	.3														55	55	132	300
28/ 27		.1	.2	.0														25	26	80	285
26/ 25		.0	.1															12	12	63	270
24/ 23			.0															1	1	36	207

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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
22/ 21																				6	201
20/ 19																					219
18/ 17																					158
16/ 15																					149
14/ 13																					129
12/ 11																					92
10/ 9																					18
8/ 7																					17
6/ 5																					4
4/ 3																					8
2/ 1																					1
TOTAL	2.0	18.1	16.5	14.0	10.6	9.6	8.1	6.6	5.5	4.3	2.2	1.4	.6	.3	.1	.0	.0		7440		7438
																		7438		7438	

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.	30247119	441921	59.4	23.165	7438							
Dry Bulb	24754439	419727	56.4	12.024	7440		13.9	154.6	72.4	19.0		744
Wet Bulb	18414780	362034	48.7	10.328	7436		46.9	15.8				744
Dew Point	13535636	299432	40.3	14.114	7438		236.0	1.8				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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | APR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75							.1											1	1		
74/ 73			.2	1.1	.2	.4	.2			.1								21	21		
72/ 71		.3	.7	.6	.7	.2	.2		.2	.1								27	27	1	
70/ 69		.9	.9	.3	.4	.3	.1	.6		.1								33	33	11	5
68/ 67		1.8	2.9	1.6	.7	.7	.3	.2										73	73	26	11
66/ 65		2.2	3.6	1.4	1.6	.9	.6	.2										94	94	34	26
64/ 63	.1	4.0	2.7	2.1	1.0	.3	.3	.1										96	96	70	32
62/ 61	.2	2.4	2.6	1.4	1.2	.7	.4	.4	.1									86	86	90	62
60/ 59	.2	1.1	2.3	1.1	1.2	1.0	.1		.1									65	65	74	76
58/ 57	.1	1.1	1.4	1.7	1.2	1.0	.7	.4										69	69	80	55
56/ 55	.3	2.0	2.0	2.4	1.1	1.1	.3	.1										85	85	63	52
54/ 53		1.6	1.8	2.3	1.0	.4	.6											69	69	69	72
52/ 51		1.6	1.7	.8	1.3	.4	.3											55	55	60	58
50/ 49	.3	.3	1.4	1.0	1.3	.7	.2											48	48	91	51
48/ 47		.2	1.2	1.2	.4	.3	.1											32	32	53	41
46/ 45		.1	1.0	.6	.4	.2	.1											22	22	53	58
44/ 43		.1	.3	.3	.4													11	11	46	52
42/ 41			.3	.2	.1													6	6	30	44
40/ 39		.1	.3	.2														6	6	21	48
38/ 37																				14	32
36/ 35			.1															1	1	11	24
34/ 33																				2	26
32/ 31																				1	20
30/ 29																					17
28/ 27																					14
26/ 25																					8
24/ 23																					11
22/ 21																					1
20/ 19																					3
18/ 17																					1
TOTAL	1.3	19.9	27.4	20.4	14.4	8.8	4.8	2.1	.4	.3								900	900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4749057	63663	70.7	16.534	900							
Dry Bulb	3205653	53291	59.2	7.471	900			15.5	2.2			90
Wet Bulb	2679906	48578	54.0	8.024	900		.1	3.8				90
Dew Point	2270274	44150	49.1	10.780	900		7.5	1.6				90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70, 74-78 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
76/ 75				.1														1	1		
74/ 73				.3														3	3		
72/ 71		.2	1.2	.9			.1											22	22	1	
70/ 69		.8	..	.6		.2	.2	.2										22	22	5	1
68/ 67		1.7	1.4	.1	.1	.3	.4											37	37	24	10
66/ 65	.2	3.2	2.1	.6		.7	.1											62	62	29	25
64/ 63	.6	4.9	1.9	1.1	.9	.3		.1										88	88	56	36
62/ 61	.3	5.2	2.9	1.1	.7	.4	.4											104	105	84	70
60/ 59		3.0	2.4	1.2	.6	.7			.1									72	72	62	71
58/ 57		3.1	1.3	1.6	1.3		.1	.1										68	68	72	40
56/ 55	.2	2.2	.8	2.8	1.4	.3												70	70	81	62
54/ 53		2.8	1.7	1.6	1.1	.4	.1											69	69	56	58
52/ 51	.2	2.4	2.3	.4	.8	.9	.2											66	66	58	59
50/ 49	.2	1.4	2.3	1.3	.6	.6												58	58	85	46
48/ 47		1.6	1.3	1.9	.9	.6												56	56	61	46
46/ 45	.1	1.0	1.8	1.0	1.1	.1	.1											47	47	55	69
44/ 43		.6	.9	1.0	.3	.1												26	26	45	47
42/ 41		.2	.7	.3														11	11	44	52
40/ 39		.2	.7	.3	.2													13	13	33	41
38/ 37		.1	.1	.2														4	4	27	34
36/ 35																				13	28
34/ 33																				7	22
32/ 31																				1	22
30/ 29																					19
28/ 27																					18
26/ 25																					13
24/ 23																					4
22/ 21																					3
18/ 17																					3
TOTAL	2.3	34.7	26.4	18.5	10.0	5.7	1.9	.4	.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.	5379366	68138	75.8	15.472	899							
Dry Bulb	2953268	51082	56.8	7.748	900			8.5	.4			90
Wet Bulb	2560973	47383	52.7	8.415	899		.1	3.0				90
Dew Point	2241062	43616	48.7	10.841	899		8.2	1.1				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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | APR 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
76/ 75		.1		.2														3	3		
74/ 73			.2	.3		.2		.1										8	8	1	
72/ 71			1.0	.3	.1	.1	.2	.1		.1								18	18	3	1
70/ 69		1.1	1.6	.3	.3	.7	.2											38	38	4	1
68/ 67		2.2	2.8	.4	.3	.3	.1			.1								57	57	31	15
66/ 65	.2	2.8	1.3	2.0	1.0	.2		.1										69	69	41	35
64/ 63	.2	3.8	2.6	1.7	.7	.8	.1	.1										89	90	59	43
62/ 61	.3	3.8	2.1	1.5	1.2		.2	.1										83	85	64	54
60/ 59	.1	3.2	2.8	1.3	.6	.6	.1	.1										79	79	80	56
58/ 57	.2	2.3	1.9	1.1	1.1	.8	.4	.3										74	74	84	61
56/ 55	.1	1.9	1.7	2.0	.6	.7	.1											63	63	78	69
54/ 53	.2	2.2	.9	1.1	1.5	.3	.2	.1										59	59	56	58
52/ 51	.2	2.3	1.8	1.1	1.1	.8	.2	.2										70	70	52	64
50/ 49	.1	1.7	1.6	1.5	1.0	.3												60	60	61	51
48/ 47	.1	.9	1.2	1.2	1.0	.2												42	42	68	55
46/ 45		1.3	.7	.7	.8	.1												32	32	47	43
44/ 43		.4	.8	.9	.3	.1												23	23	56	32
42/ 41		.2	.6	.4	.2													13	13	35	49
40/ 39		.3	.2	.7														11	11	31	32
38/ 37		.1	.3	.1														5	5	27	28
36/ 35																				9	35
34/ 33																				8	23
32/ 31																				1	35
30/ 29																					18
28/ 27																					14
26/ 25																					11
24/ 23																					4
22/ 21																					4
20/ 19																					4
16/ 15																					1
TOTAL	1.9	30.9	26.0	19.0	12.4	6.2	2.0	1.3		.2									899		896
																		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.	5227406	66870	74.6	16.265	896							
Dry Bulb	3045714	51836	57.7	7.958	899			12.4	1.1			90
Wet Bulb	2609830	47746	53.3	8.558	896		.1	3.9	.1			90
Dew Point	2270353	43987	49.1	11.132	896		9.1	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70, 74-78 (YEARS) APR (MONTH)

PAGE 1 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89							.1											1	1		
86/ 85						.1	.2		.1	.1	.2	.2						9	9		
84/ 83						.2	.1	.1	.2		.2	.1	.2					11	11		
82/ 81					.2	.4	.1		.2	1.0	.2							20	20		
80/ 79				.1	.2	.8	.4	.9	.7		.4	.1		.1				34	34		
78/ 77				.3	1.3	.8	1.8	.9	1.1	.4	.1	.1						62	63	1	
76/ 75		.1	.2	.3	1.1	.9	1.3	.8	.2	.2	.2	.2						51	51	2	
74/ 73			.6	1.7	1.0	1.5	1.0	1.1	.4									65	66	9	1
72/ 71			1.1	.8	2.2	1.7	1.3	.9	.4	.2	.2							80	80	19	3
70/ 69			1.5	1.5	1.3	1.6	1.2	.8	.6	.4	.1	.1						81	81	32	14
68/ 67		.2	1.2	1.0	1.8	1.2	.7	.9	.6	.3								71	72	47	26
66/ 65		.6	.9	.8	1.1	.6	1.7	1.0	.9	.3								70	70	80	30
64/ 63		.8	.8	.9	.9	1.0	1.1	1.5	.6	.2	.1							70	70	97	34
62/ 61		1.1	1.0	.4	.3	.9	1.2	1.2	.2	.4	.1							63	63	82	43
60/ 59		.8	.7	.6	.9	1.0	.9	1.2	.4									58	58	90	76
58/ 57		.7	.1	.6	.6	1.2	1.5	.3	.7	.1								51	51	62	75
56/ 55		.2	.3	.6	.4	.8	1.1	.6	.3									39	39	46	60
54/ 53		.6	.6	.1	.2	.8	.8	.4										31	31	59	62
52/ 51		.6	.2	.1	.1	.2	.4											15	15	53	56
50/ 49		.3	.1	.1	.1	.3	.3											12	12	74	45
48/ 47						.1	.1											2	2	44	39
46/ 45																				34	35
44/ 43																				33	41
42/ 41																				17	34
40/ 39																				13	36
38/ 37																				1	22
36/ 35																				1	40
34/ 33																					27
32/ 31																					22
30/ 29																					17
28/ 27																					14
26/ 25																					13
24/ 23																					11
22/ 21																					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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) (6-70,74-78 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
20/ 19																					5
18/ 17																					3
16/ 15																					1
TOTAL		5.9	9.3	9.8	14.0	16.1	17.5	12.6	7.7	3.9	2.0	.9	.2	.1					899		896
																		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.	3024962	49438	55.2	18.221	896							
Dry Bulb	4127707	60463	67.3	8.257	899			48.9	25.5	5.9		90
Wet Bulb	3020123	51503	57.5	8.166	896			11.0	1.2			90
Dew Point	2306582	44154	49.3	12.085	896		9.7	4.4	.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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | APR 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				
94/ 93											.1							1	1		
92/ 91								.1		.2	.3		.1		.1			8	8		
90/ 89									.3	.1		.2	.3	.4	.3			16	16		
88/ 87									.3	.4	.3	.2	1.0	.6	.3		.2	31	31		
86/ 85							.2	.4	.4	.7	1.1	1.1	.6	.6	.1		.1	48	48		
84/ 83						.3	.6	.2	1.0	1.8	.3	1.1	.9	.1	.1			58	58		
82/ 81					.1	.3	1.1	1.3	1.7	1.0	.9	.7	.4	.2	.1			71	72		
80/ 79					.6	.6	1.6	1.0	1.5	1.8	.2	.1	.1	.1				67	69		
78/ 77				.1	.6	1.0	1.9	.8	1.1	.7	1.0	.2	.4	.2				72	72	1	
76/ 75			.2	.2	.2	.4	.2	1.3	1.1	1.0	.7	.3						52	52		
74/ 73		.1	.1	.3	.8	.6	.1	1.2	1.1	.9	.8	.3		.1				58	58	18	
72/ 71			.2	.6	.7	.1	.7	1.3	1.7	1.5	1.6		.1					75	75	31	3
70/ 69			.1	.2	.4	.2		.9	1.5	1.5	.6	.2						50	50	29	10
68/ 67		.4	.4	.4	.8	.1	.3	1.0	2.6	1.0	.2	.1						67	67	77	15
66/ 65		.4	1.0	.1	.2	.4	.2	.7	1.1	.4	.8	.2						51	51	92	26
64/ 63	.1	.4	.6	.4	.7		.7	1.3	1.3	.6	.4							59	59	79	29
62/ 61	.1	.3	.7	.3		.2	.7	.8	1.0	.9								45	46	100	60
60/ 59		1.2	.3	.1		.3	.1	.3	.7	.6								33	33	68	52
58/ 57			.2		.1	.2	.1	.4	.2									12	12	71	49
56/ 55		.2	.1	.3			.1	.1	.1									9	9	61	67
54/ 53		.9	.4	.1														13	13	67	44
52/ 51																				62	61
50/ 49																				56	50
48/ 47																				30	47
46/ 45																				30	45
44/ 43																				20	42
42/ 41																				4	41
40/ 39																					38
38/ 37																					39
36/ 35																					46
34/ 33																					23
32/ 31																					25
30/ 29																					19
28/ 27																					16

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
26/ 25																					15
24/ 23																					10
22/ 21																					11
20/ 19																					11
18/ 17																					2
TOTAL	.2	4.1	4.5	3.3	5.1	4.9	8.6	13.4	18.7	15.0	9.4	4.9	4.0	2.3	1.1		.3		900		896
																		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.	1999702	38902	43.4	18.631	896							
Dry Bulb	4933947	66155	73.5	8.899	900			67.7	48.5	26.7	.1	90
Wet Bulb	3177099	52925	59.1	7.543	896			15.7	1.9			90
Dew Point	2178143	42049	47.8	12.005	896		10.9	2.8				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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 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
96/ 95											.1							1	1		
94/ 93												.2	.1		.1			4	4		
92/ 91											.1	.1	.2		.1	.2		7	7		
90/ 89									.1	.1	.3	.1	.4	.6	.9	.1	.1	25	25		
88/ 87									.4	.3	.3	.2	.7	.9	1.2	.3	.1	41	41		
86/ 85							.2	.3	.8	.4	1.3	1.8	1.9	.8	.3		.1	72	72		
84/ 83						.4	.4	.2	.8	1.3	.2	.9	.8	.9	.3			57	57		
82/ 81					.1	.1	.9	1.4	1.3	1.8	.8	1.1	.4	.1				73	74		
80/ 79					.2	1.0	.7	1.8	1.2	.8	.6	.8	.6	.4				72	73		
78/ 77				.3	.3	.4	.8	.4	.9	1.4	.8	.7	.3	.1				59	60		
76/ 75			.1	.3	.4	.4	.2	1.0	1.6	.9	1.9	1.2	.2	.1				76	76	1	
74/ 73			.1	.7	.7	.3	.1	.8	1.3	1.7	1.7	1.0						75	75	15	
72/ 71		.1	.1	.1	.6	.2	.1	.6	1.0	1.8	.9	.2						51	51	25	
70/ 69		.2	.2	.4	.2	.1	.2	.6	1.1	2.2	.9	.4	.1					61	61	40	8
68/ 67			.8	.4	.7	.2	.3	.4	1.6	.6	.8	.3						55	55	69	18
66/ 65	.1	.8	.8	.4	.3		.1	.1	1.1	1.3	1.2	.3						60	60	72	24
64/ 63	.1	.4	.3	.3	.1	.1	.1	.8	.9	.9	.4							41	41	94	34
62/ 61		.8	.2	.1		.1	.2	.4	.2	.2	.3							24	24	97	42
60/ 59		.4	.3	.1	.1	.2			.3	.2								16	16	100	64
58/ 57		.3	.2	.1	.3		.1	.1	.2									13	13	61	42
56/ 55		.6	.1	.1				.1										8	8	70	43
54/ 53	.2	.1	.2	.1														6	6	81	53
52/ 51																				58	44
50/ 49																				42	40
48/ 47																				35	56
46/ 45																				18	58
44/ 43																				17	47
42/ 41																				2	48
40/ 39																					40
38/ 37																					50
36/ 35																					53
34/ 33																					24
32/ 31																					21
30/ 29																					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 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70, 74-78 (YEARS) APR (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
28/ 27																					19
26/ 25																					18
24/ 23																					9
22/ 21																					5
20/ 19																					7
18/ 17																					5
16/ 15																					2
14/ 13																					1
TOTAL	.4	3.8	3.0	3.7	4.1	3.8	4.6	9.1	14.9	16.1	12.7	9.5	5.8	3.9	3.0	.7	.3	897	900	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.	1796618	36224	40.4	19.358	897							
Dry Bulb	5151473	67647	75.2	8.626	900			73.2	56.5	31.5	.5	90
Wet Bulb	3191594	53126	59.2	7.098	897			15.1	1.6			90
Dew Point	2106633	42135	47.0	11.925	897		10.9	2.6				90

USAFETAC FORM 0-26-5 (OL A) 151 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) APR (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											.1							1	1		
90/ 89															.1			1	1		
88/ 87								.1						.1	.2			4	4		
86/ 85									.2	.3	.1	.2	.3	.2		.2		15	15		
84/ 83						.1	.2	.3	.2	.1	.6	.6	.7	.2	.1			28	28		
82/ 81					.2	.1	.1	.2	.3	.2	.6	1.1	.1			.1		28	28		
80/ 79					.1	.6	.7	1.1	.7	.4	.3	.2	.3	.1				41	41		
78/ 77				.2	.6	1.0	2.0	.9	1.1	1.2	.7	.2	.4		.1			76	76		
76/ 75			.1	.7	.4	1.3	.8	1.2	.9	.9	.7	.6	.1		.1			70	70	1	
74/ 73			.3	1.0	.9	1.3	1.0	1.2	.6	1.1	.7	.3						76	77	6	
72/ 71		.1	.7	1.0	1.1	.7	1.7	1.2	1.0	1.2	.6							83	83	12	1
70/ 69		.4	.7	.7	.8	.8	1.4	1.1	1.1	1.0	.8	.1						80	80	24	8
68/ 67		.1	1.7	.3	.7	.6	1.1	1.0	1.9	1.0								75	76	54	17
66/ 65	.3	1.1	1.2	1.3	.3	1.3	.8	1.8	.6	.4	.2	.1						86	87	78	20
64/ 63		.7	.3	.3	.2	.8	.7	.9	.7	.8	.2							50	50	83	40
62/ 61	.1	.8	.2	.2	.7	.8	.8	1.4	.1	.4	.1							51	51	95	55
60/ 59		.6	.8	.1	.7	1.4	1.0	.4	.7	.4								55	55	89	56
58/ 57		.3	.4	.1	.1	.4	.6	.2	.3	.1								24	24	71	52
56/ 55		.3	.3	.2	.6	.1	.4	.4	.2									24	24	79	47
54/ 53	.4	.2	.3	.1	.1	.1	.3	.1	.1									17	17	83	44
52/ 51	.1	.2		.1	.1	.3												8	8	66	59
50/ 49			.1				.2											3	3	58	48
48/ 47						.1												1	1	35	51
46/ 45																				25	59
44/ 43																				15	42
42/ 41																				17	48
40/ 39																				4	47
38/ 37																				2	41
36/ 35																					45
34/ 33																					23
32/ 31																					26
30/ 29																					11
28/ 27																					15
26/ 25																					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												

FORM JUL 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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
24/ 23																					9
22/ 21																					8
20/ 19																					4
18/ 17																					5
16/ 15																					2
14/ 13																					2
TOTAL	1.0	4.9	7.2	6.5	7.6	11.9	13.8	13.8	10.7	9.8	5.6	3.5	2.0	.7	.7	.3		897	900	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.	2549084	44314	49.4	20.041	897							
Dry Bulb	4425478	62700	69.7	7.989	900			58.0	34.1	10.1		90
Wet Bulb	3035156	51774	57.7	7.228	897			9.7	.7			90
Dew Point	2176349	42919	47.8	11.707	897		9.4	2.6				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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | APR MONTH

2100-2400 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		.2	.2	.3	.1	.1							10	10		
76/ 75			.2	.2	.2	.6	.6	.4	.1	.2								23	23		
74/ 73		.1	.3	.8	.7	1.2	.7		.2	.6	.1							42	42	3	
72/ 71		.2	1.3	1.6	1.2	.9	.6	.3	.4	.1	.2							62	62	4	3
70/ 69		.9	2.1	2.2	1.4	1.4	1.3	.4	.4	.1								94	94	13	7
68/ 67		.8	2.7	1.9	1.6	1.2	.9	.4	.1	.1								87	87	30	12
66/ 65	.1	1.8	2.0	2.6	1.3	1.3	1.1	.8	.3									102	102	57	24
64/ 63	.2	1.3	2.3	.8	1.4	1.9	.9	.8	.2									89	92	103	44
62/ 61	.1	1.3	1.0	.6	2.1	1.0	.9	.6										68	68	76	58
60/ 59	.1	.8	.8	1.2	1.9	1.3	.8	.4										66	66	88	65
58/ 57		.4	.8	1.7	1.4	1.0	.7	.3	.1									58	58	72	69
56/ 55		.8	1.0	1.6	1.8	1.6	.3	.2	.1									66	66	62	64
54/ 53	.3	.7	.9	1.6	.9	.4	.2	.1										46	46	82	41
52/ 51		.6	.3	1.0	.9	1.1	.3	.1										39	39	74	58
50/ 49		.1	.6	.1	.4	.9	.1	.1										21	21	71	45
48/ 47		.1	.8	.3	.1	.3												15	15	53	65
46/ 45				.1	.1	.1												3	3	43	59
44/ 43			.1		.2													3	3	19	53
42/ 41			.1		.1													2	2	24	42
40/ 39																				14	44
38/ 37																				5	36
36/ 35																				3	27
34/ 33																				1	19
32/ 31																					20
30/ 29																					13
28/ 27																					7
26/ 25																					5
24/ 23																					6
22/ 21																					5
20/ 19																					2
18/ 17																					3
16/ 15																					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 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) APR (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.9	9.9	17.4	18.3	18.1	16.4	9.6	5.4	2.5	1.2	.4							897	900	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.	3882956	56936	63.5	17.327	897							
Dry Bulb	3621980	56720	63.0	7.258	900			31.9	7.6			90
Wet Bulb	2848746	50092	55.8	7.575	897			5.0	.3			90
Dew Point	2300767	44405	49.5	10.698	897		6.2	2.2				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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | APR 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				
96/ 95											.0							1	1		
94/ 93											.0	.0	.0		.0			5	5		
92/ 91								.0		.0	.1	.0	.0		.0	.0		16	16		
90/ 89							.0		.1	.0	.0	.0	.1	.1	.2	.0	.0	43	43		
88/ 87								.0	.1	.1	.1	.1	.2	.2	.2	.0	.0	76	76		
86/ 85						.0	.1	.1	.2	.2	.3	.4	.3	.2	.1	.0	.0	144	144		
84/ 83						.1	.2	.1	.3	.4	.2	.3	.3	.2	.1			154	154		
82/ 81					.1	.1	.3	.4	.4	.5	.3	.4	.1	.0	.0	.0		192	194		
80/ 79				.0	.1	.4	.4	.6	.5	.4	.2	.2	.1	.1				215	218		
78/ 77				.1	.4	.4	.8	.4	.6	.5	.3	.2	.2	.0	.0			279	281	2	
76/ 75		.0	.1	.3	.3	.5	.4	.6	.5	.4	.4	.3	.0	.0	.0			277	277	4	
74/ 73		.0	.2	.8	.5	.7	.4	.6	.5	.5	.4	.2		.0				348	350	52	1
72/ 71		.1	.8	.7	.8	.5	.6	.6	.6	.6	.4	.0	.0					418	418	96	11
70/ 69		.5	.9	.8	.6	.7	.6	.6	.6	.7	.3	.1	.0					459	459	158	54
68/ 67		.9	1.7	.8	.8	.6	.5	.5	.8	.4	.1	.1						522	524	358	124
66/ 65	.1	1.6	1.6	1.2	.7	.7	.6	.6	.5	.3	.3	.1						594	595	483	210
64/ 63	.2	2.0	1.4	1.0	.7	.7	.5	.7	.5	.3	.2							582	586	641	292
62/ 61	.2	2.0	1.3	.7	.8	.5	.6	.6	.2	.3	.1							524	528	688	444
60/ 59	.1	1.4	1.3	.7	.7	.8	.4	.3	.3	.2								444	444	651	516
58/ 57	.0	1.0	.8	.8	.8	.6	.5	.3	.2	.0								369	369	573	443
56/ 55	.1	1.0	.8	1.3	.7	.6	.3	.2	.1									364	364	540	464
54/ 53	.2	1.1	.8	.9	.6	.3	.3	.1	.0									310	310	553	432
52/ 51	.1	1.0	.8	.4	.5	.5	.2	.0										253	253	483	459
50/ 49	.1	.5	.8	.5	.5	.3	.1	.0										202	202	538	376
48/ 47	.0	.3	.6	.6	.3	.2	.0											148	148	379	400
46/ 45	.0	.3	.4	.3	.3	.1	.0											104	104	305	426
44/ 43		.1	.3	.3	.2	.0												63	63	251	356
42/ 41		.1	.2	.1	.1													32	32	173	358
40/ 39		.1	.2	.2	.0													30	30	116	326
38/ 37		.0	.1	.0														9	9	76	282
36/ 35			.0															1	1	37	298
34/ 33																				18	187
32/ 31																				3	191
30/ 29																					136

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | APR MONTH

ALL HOURS (L. S. T.)

Ten (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
28/ 27																					117
26/ 25																					95
24/ 23																					64
22/ 21																					48
20/ 19																					36
18/ 17																					22
16/ 15																					7
14/ 13																					3
TOTAL	1.0	14.3	15.2	12.4	10.7	9.2	7.8	7.3	6.9	5.8	3.8	2.3	1.5	.9	.6	.1	.1	7178	7198	7178	7178

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	28611151	424485	59.1	22.110	7178							
Dry Bulb	31405220	469894	65.3	10.477	7198			316.1	175.9	74.2	.6	720
Wet Bulb	23123427	403127	56.2	8.205	7178		.3	67.2	5.8			720
Dew Point	17850163	348415	48.5	11.434	7178		72.1	19.1	.1			720

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
78/ 77				.2	.3													5	5		
76/ 75			.2	1.1	.5	.1	.1											19	19		
74/ 73		.4	2.2	1.9	.9	.3	.1											54	54		
72/ 71	.1	2.5	4.9	1.2	.6	.3		.1										90	92	22	10
70/ 69	.9	5.2	7.8	1.5	1.7		.1	.1										160	160	78	38
68/ 67	.1	6.3	6.0	1.2	.5		.1											131	131	132	82
66/ 65	.4	5.4	3.9	1.1	.3	.4	.4											115	116	154	127
64/ 63	.2	3.9	3.2	1.0	1.0	.5		.1										98	98	134	138
62/ 61	.1	2.2	2.2	1.7	.5	.1	.1											64	64	71	112
60/ 59	.1	1.5	2.4	1.2	.2	.5	.1											56	56	71	70
58/ 57		1.3	2.4	.6	.2	.4	.3											49	49	52	58
56/ 55		.4	1.4	.1	.1	.3	.1											23	23	70	43
54/ 53	.8	1.4	.8	.5	.3	.1	.1											37	39	50	61
52/ 51		.5	.6	.2														13	14	30	45
50/ 49		.1	.2		.1													4	4	25	41
48/ 47			.1	.1														2	2	19	35
46/ 45			.2	.1														3	3	7	17
44/ 43			.1															1	1	3	9
42/ 41																				4	8
40/ 39																				2	10
38/ 37																					6
36/ 35																					6
34/ 33																					5
32/ 31																					2
30/ 29																					1
TOTAL	2.7	31.2	38.5	13.9	8.5	3.2	1.6	.3											930		924
																		924		924	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6148788	74546	80.7	12.076	924							
Dry Bulb	4017192	60832	65.4	5.971	930			46.1	7.8			93
Wet Bulb	3557001	57029	61.7	6.348	924			23.4				93
Dew Point	3286785	54631	59.1	7.842	924		.3	13.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70, 74-78 (YEARS) MAY (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
76/ 75				.1	.1													2	2		
74/ 73		.3	.4	1.1														17	17		
72/ 71		1.2	2.6	1.2	.1													47	48	6	2
70/ 69	.9	5.6	6.1	.8	.3	.4												130	131	35	24
68/ 67	1.1	10.4	4.8	1.0	1.2													170	172	122	61
66/ 65	1.2	7.2	4.2	.4		.1												121	121	171	143
64/ 63	.4	6.1	2.5	.4	.4	.1												92	92	124	147
62/ 61	.3	3.7	1.3	1.2	.4	.2												66	66	96	105
60/ 59	.2	3.8	3.0	1.0	.7	.5												85	85	66	78
58/ 57	.3	1.6	2.6	1.0	.5													56	56	54	59
56/ 55	.2	1.7	1.4	.5	.2		.1											39	39	66	49
54/ 53	.3	1.8	1.1		.3	.3												36	37	60	59
52/ 51	.1	1.1	1.1	.5	.2	.2												30	32	39	49
50/ 49	.1	.7	.4	.4	.1	.1												17	17	29	34
48/ 47	.1	.3	.3															7	7	21	34
46/ 45		.1	.1	.2														4	4	15	26
44/ 43			.4															4	4	10	9
42/ 41																				3	12
40/ 39																				6	9
38/ 37																					8
36/ 35																					4
34/ 33																					7
32/ 31																					1
28/ 27																					3
TOTAL	5.3	45.6	32.4	9.9	4.7	2.1	.1											923	930	923	923

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.	6677407	77869	84.4	10.822	923							
Dry Bulb	3777390	58992	63.4	6.172	930			37.0	1.9			93
Wet Bulb	3425467	55899	60.6	6.594	923			16.4				93
Dew Point	3219416	54022	58.5	7.902	923		.4	8.8				93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70, 74-78 YEARS | MAY 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				
84/ 83								.1										1	1		
80/ 79						.3	.1											4	4		
78/ 77				.3	.2		.2		.1									8	8		
76/ 75		.1		1.8	.8	.2	.2	.1										30	30		
74/ 73		.3	1.2	1.9	1.0	.3	.3											47	47	1	
72/ 71	.3	1.8	5.1	2.1	.6	.2	.1											95	95	16	8
70/ 69	.5	4.8	5.9	1.3	.9	.4												128	129	79	33
68/ 67	1.0	8.3	4.9	1.3	1.0	.5												157	158	143	86
66/ 65	1.0	5.0	4.2	1.1	.5	.6	.2											117	117	157	160
64/ 63	.2	3.2	2.1	1.6	.6	.2	.1											75	75	117	104
62/ 61	.4	2.5	1.7	1.5	.8	.1	.2											67	67	90	112
60/ 59	.2	2.1	1.1	.6	.6	.3	.2											48	49	67	71
58/ 57	.1	1.6	1.1	1.1	.3	.1	.1											41	42	52	64
56/ 55		1.1	1.5	.9	.4	.1												37	37	50	56
54/ 53	.3	1.3	1.2	.1	.2	.2	.1											32	33	51	51
52/ 51	.2	.4	.8	.1	.4	.1												19	19	33	35
50/ 49	.1	.4	.1	.4														10	10	30	40
48/ 47		.3		.2	.2													7	7	14	33
46/ 45			.1															1	1	10	24
44/ 43		.1																1	1	8	10
42/ 41																				6	6
40/ 39																				1	6
38/ 37																					9
36/ 35																					7
34/ 33																					4
32/ 31																					3
30/ 29																					3
TOTAL	4.4	33.4	30.9	16.4	8.6	3.9	1.9	.2	.1									925	930	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.	6189516	74750	80.8	12.695	925							
Dry Bulb	4008031	60765	65.3	6.372	930			47.2	9.0	.5		93
Wet Bulb	3554038	57018	61.6	6.529	925			24.0	.1			93
Dew Point	3285511	54633	59.1	7.973	925		.6	12.8				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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70, 74-78 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
92/ 91												.1						1	1		
90/ 89									.4	.2	.1							7	7		
88/ 87							.2	.3	.5	.2								12	12		
86/ 85					.1	.2	.5	1.0	.4	.2	.2							25	25		
84/ 83						1.1	.9	1.6	.2	.2	.1							38	38		
82/ 81				.2	.5	1.8	2.2	1.1	1.3	.2								68	68		
80/ 79				.6	1.4	3.2	1.0	1.0	.6	.1	.1							75	75		
78/ 77		.1	.3	1.1	4.7	1.3	1.7	1.5	.3	.3								106	106	1	
76/ 75		.3	.9	3.1	2.9	1.8	1.6	.6	.5									110	110	9	1
74/ 73		.5	2.4	3.9	1.8	1.4	1.2	.6	.6	.1	.1							118	118	55	6
72/ 71	.1	1.1	2.8	2.2	1.6	.5	1.1	.9	.3	.3	.1							102	102	101	16
70/ 69	.4	1.5	2.4	1.1	1.2	1.2	.8	.5	.5	.8								96	96	166	65
68/ 67	.1	.6	.9	.6	.9	.4	.4	.5	.6									48	48	151	106
66/ 65		.3	.3	.5	.5	.1	1.1	.3										30	30	108	147
64/ 63		.3	.3	.4	.4	.2	.3	.5	.2									26	26	79	103
62/ 61		.2	.3	.4	.4	.2	.5	.1	.1									22	22	49	90
60/ 59			.5	.6	.2			.2										15	15	50	58
58/ 57		.5	.3		.1		.2	.2										13	13	36	54
56/ 55		.3	.3															6	6	32	58
54/ 53		.5																5	5	44	40
52/ 51		.4				.2												6	6	25	43
50/ 49					.1													1	1	11	32
48/ 47																				6	21
46/ 45																				3	20
44/ 43																				2	14
42/ 41																				2	9
40/ 39																					10
38/ 37																					13
36/ 35																					10
34/ 33																					2
32/ 31																					6
30/ 29																					5
28/ 27																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70, 74-78 (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
TOTAL	.0	6.9	11.7	14.8	17.0	13.8	13.7	11.1	6.9	2.7	.8	.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.	3927042	58542	62.9	16.137	930							
Dry Bulb	5097927	68543	73.7	7.049	930			80.6	56.0	19.0		93
Wet Bulb	3970493	60469	65.0	6.460	930			48.3	6.5			93
Dew Point	3363123	55311	59.5	8.898	930		1.2	19.4	.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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70, 74-78 YEARS | MAY 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
96/ 95											.1	.1	.1	.1	.1			5	5		
94/ 93											.2	.6	.5					13	13		
92/ 91										.5	.5	.5	.1	.3				19	19		
90/ 89								.9	1.5	1.1	.8	.6	.2					47	47		
88/ 87							.2	1.6	1.7	1.4	1.0	.4		.1				60	60		
86/ 85						.2	1.1	2.2	2.3	.5	.5	1.1						73	73		
84/ 83					.3	.3	1.3	3.4	1.1	1.6	.5	.2	.2					84	84		
82/ 81				.1	.9	2.4	3.2	2.5	.9	1.0	.5	.3						109	109		
80/ 79			.1		1.0	3.7	1.6	1.2	2.0	.6	.5							100	100		
78/ 77		.1	.3	.9	2.6	.9	1.0	1.9	1.6	.5	.3	.1						95	95	3	
76/ 75			.8	1.3	1.3	1.2	.5	1.1	1.4	.3	.2	.3	.1					79	79	28	1
74/ 73		.2	.9	1.7	.8	.6	.9	.8	.9	1.0	.5	.3						79	79	67	2
72/ 71	.1	.9	1.3	.2	.5	.4	.3	.3	1.0	.4	.4	.4						59	59	147	19
70/ 69	.1	.3	.3	.3	.1	.3	.4	.5	.5	.2	.1	.1						32	32	190	56
68/ 67	.1	.4	.3	.4	.2	.2	.4	.2	.2	.1								25	25	111	81
66/ 65		.2	.2		.3	.4	.1	.2		.2								16	16	81	132
64/ 63		.1		.1	.2		.2	.1										7	7	83	111
62/ 61		.1	.2	.4														7	7	55	80
60/ 59		.1			.1													2	2	35	70
58/ 57		.3	.1				.1											5	5	28	56
56/ 55		.4	.1			.1	.1											7	7	48	54
54/ 53	.2	.4																6	6	25	55
52/ 51																				17	56
50/ 49																				7	38
48/ 47																				1	16
46/ 45																				3	21
44/ 43																					23
42/ 41																					10
40/ 39																					13
38/ 37																					10
36/ 35																					6
34/ 33																					5
32/ 31																					7
30/ 29																					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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
28/ 27																					2
26/ 25																					1
TOTAL	.5	3.7	4.6	5.5	8.3	10.8	11.5	16.9	15.1	9.6	6.4	5.3	1.3	.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.	2787765	48479	52.2	16.672	929							
Dry Bulb	5832705	73279	78.9	7.521	929			88.0	76.4	45.9	1.8	93
Wet Bulb	4112986	61552	66.3	6.122	929			54.7	9.8			93
Dew Point	3267550	54458	58.6	9.003	929		1.4	15.9	.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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 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
98/ 97														.1	.3			4	4		
96/ 95													.2	.2	.1			5	5		
94/ 93										.1		.6	.2	.3				12	12		
92/ 91								.1	.2	.5	.9	.6	.3	.2	.1			28	28		
90/ 89								.4	1.5	1.8	1.4	.9	.5	.2				63	63		
88/ 87								.9	2.2	1.5	1.6	1.0	.2					68	68		
86/ 85							.4	1.9	2.4	.5	1.2	.8	.3					70	70		
84/ 83					.3	.4	2.2	2.5	1.7	1.0	1.1	1.1	.6					101	101		
82/ 81			.1		.6	1.1	2.0	1.6	1.8	1.3	1.0	.5	.2					96	96		
80/ 79			.2	.5	1.2	2.4	.9	1.4	1.1	1.4	.2	.2	.1					89	89		
78/ 77			.3	.5	2.6	1.0	.9	1.0	1.3	1.0	.3	.1						83	83	4	1
76/ 75		.3	.5	1.8	1.1	1.4	1.5	1.0	.5	1.3	.5	.5	.2					100	100	14	
74/ 73			.8	1.4	.1	.2	1.0	.4	.2	1.9	.2	.3						61	61	76	6
72/ 71		.6	2.2	.3	.5	.5	.5	.4	.5		.3	.4						60	60	145	15
70/ 69	.1	.4	.6	.8	.1	.2	.3	.1	.2	.1	.2	.1						31	31	165	39
68/ 67		.3	.2	.3	.1	.2	.1		.1									13	13	129	70
66/ 65		.8	.1	.1	.3	.2	.2											16	16	95	136
64/ 63		.2	.1				.1											4	4	91	101
62/ 61			.3	.2														5	5	58	86
60/ 59		.2	.1					.3										6	6	39	63
58/ 57		.2	.2															4	4	38	67
56/ 55		.4																4	4	34	80
54/ 53	.3	.2	.1															6	6	22	51
52/ 51			.1															1	1	11	52
50/ 49																				5	35
48/ 47																				2	23
46/ 45																				2	25
44/ 43																					24
42/ 41																					22
40/ 39																					5
38/ 37																					4
36/ 35																					8
34/ 33																					3
32/ 31																					8

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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70, 74-78 YEARS | MAY 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
30/ 29																					3
28/ 27																					2
26/ 25																					1
TOTAL	.4	3.8	6.0	6.0	7.0	7.6	10.1	12.0	13.8	12.5	9.9	7.2	3.0	1.1	.5				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.	2702469	47263	50.8	17.986	930							
Dry Bulb	5948413	74037	79.6	7.649	930			88.4	78.0	49.5	2.1	93
Wet Bulb	4115409	61633	66.3	5.764	930			53.3	9.4			93
Dew Point	3227494	54172	58.2	8.804	930		1.4	13.1	.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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | MAY 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
94/ 93												.1	.1					2	2		
92/ 91											.1	.1		.3				5	5		
90/ 89									.4	.2	.2							8	8		
88/ 87							.1		.5	.5	.2	.3	.2					18	18		
86/ 85							.5	1.1	1.6	1.0	.1	.1	.1					42	42		
84/ 83					.1	.1	1.2	1.4	.5	.2	.3							36	36		
82/ 81				.1	.3	1.4	2.2	1.2	1.0	.8	.5	.2						71	71		
80/ 79				.1	1.2	3.3	1.3	1.4	.9	.4	.1	.2	.1					84	84		
78/ 77		.1	.4	1.2	2.9	1.3	1.6	1.0	.9	.4	.3							94	94	1	
76/ 75		.3	.6	2.7	2.4	2.4	1.3	1.0	.6	.2	.1	.2						110	110	4	
74/ 73		.5	1.5	2.4	1.7	1.6	1.5	1.0	.4	.8								106	106	33	7
72/ 71	.1	.8	2.8	1.0	1.7	.8	.6	.3	.8	.3	.2	.1						88	86	107	14
70/ 69	.2	2.5	2.8	1.1	.8	1.1	1.3	.4	.5	.2	.1	.1						103	103	149	34
68/ 67		1.3	1.6	.9	.5	1.0	.8	.5	.2	.1	.1							65	65	158	103
66/ 65		1.9	.1	.4	.5	.5	.3	.3	.1									40	40	116	137
64/ 63		.2	.1	.4	.2	.2		.1										12	12	103	111
62/ 61		.1		.1	.1	.4	.1											8	8	70	93
60/ 59		.2	.5	.1				.3										11	11	48	58
58/ 57		.5	.4															9	9	37	73
56/ 55	.2	.4	.1				.1											8	8	50	53
54/ 53	.1	.4			.1													6	6	25	55
52/ 51			.2															2	2	15	48
50/ 49		.1																1	1	4	35
48/ 47																				4	27
46/ 45																				5	18
44/ 43																					17
42/ 41																					17
40/ 39																					4
38/ 37																					10
36/ 35																					6
34/ 33																					1
32/ 31																					5
28/ 27																					3

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.0	9.5	11.3	10.4	12.6	14.1	12.9	10.0	8.5	5.2	2.5	1.5	.5	.3				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.	3793495	56921	61.3	18.155	929							
Dry Bulb	5197323	69173	74.5	7.096	929			83.3	57.7	22.3	.2	93
Wet Bulb	3956873	60395	65.0	5.737	929			45.2	3.8			93
Dew Point	3304896	54868	59.1	8.325	929		.8	15.8	.7			93

USAFETAC FORM 0-26-5 (OL A) 7/01 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70, 74-78 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83							.1											1	1		
82/ 81					.1		.2	.1	.1									5	5		
80/ 79				.1	.4	.9	.2	.3	.2									20	20		
78/ 77			.2	.9	1.9	.2	.2	.1										33	33		
76/ 75		.1	1.0	3.2	1.4	2.2	.5											78	78		
74/ 73		1.2	3.2	4.1	2.3	1.1	.4	.1	.1									116	116	6	1
72/ 71	.3	1.9	6.5	2.6	2.1	.1	.1				.1							127	127	58	20
70/ 69	.1	2.7	5.3	2.6	1.2	.9	.3	.1	.1									123	123	123	38
68/ 67	.1	4.1	4.1	1.7	1.2	1.4	.8		.1	.1								126	126	142	112
66/ 65	.2	2.5	1.4	1.6	1.8	.4	.3		.1	.1								81	81	150	133
64/ 63	.3	1.4	2.3	1.3	1.2	.8	.3		.1									71	71	120	120
62/ 61	.1	.8	1.2	1.8	.6	.8	.5	.1										55	55	47	91
60/ 59			1.2	1.1	.4	.3	.1											29	29	72	81
58/ 57		.4	1.0	.1	.3	.2	.1											20	21	54	53
56/ 55	.2	.3	.9	.1	.2	.2												18	18	53	47
54/ 53	.3	1.0	.1	.1		.1												15	15	41	63
52/ 51				.1	.2													3	3	27	44
50/ 49		.3																3	3	16	38
48/ 47			.2															2	2	9	17
46/ 45																				3	17
44/ 43																				5	15
42/ 41																					8
40/ 39																					8
38/ 37																					8
36/ 35																					2
34/ 33																					8
32/ 31																					2
TOTAL	1.7	16.7	28.5	21.7	15.4	9.5	4.3	.9	.9	.2	.1								927		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.	5303120	68874	74.4	13.966	926							
Dry Bulb	4386817	63527	68.5	6.000	927			63.1	25.4	1.1		93
Wet Bulb	3739634	58574	63.3	6.111	926			33.0	.6			93
Dew Point	3354159	55245	59.7	7.936	926		.2	17.2	.1			93

FORM AUL 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

13849 STATION — SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME — 66-70, 74-78 YEARS — MAY 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
98/ 97														.0	.0			4	4		
96/ 95											.0	.0	.0	.0	.0			10	10		
94/ 93										.0	.0	.2	.1	.0				27	27		
92/ 91								.0	.0	.1	.2	.2	.1	.1	.0			53	53		
90/ 89								.2	.5	.4	.3	.2	.1	.0				125	125		
88/ 87							.1	.4	.6	.5	.4	.2	.1	.0				158	158		
86/ 85					.0	.1	.3	.8	.8	.3	.3	.2	.1					210	210		
84/ 83					.1	.2	.7	1.1	.4	.4	.3	.2	.1					261	261		
82/ 81			.0	.1	.3	.8	1.2	.8	.6	.4	.3	.1	.0					349	349		
80/ 79			.0	.2	.6	1.7	.6	.7	.6	.3	.1	.1	.0					372	372		
78/ 77		.0	.2	.6	1.9	.6	.7	.7	.5	.3	.1	.0						424	424	9	1
76/ 75		.1	.5	1.9	1.3	1.2	.7	.5	.4	.2	.1	.1	.0					528	528	55	2
74/ 73		.4	1.6	2.3	1.1	.7	.7	.4	.3	.5	.1	.1						598	598	238	22
72/ 71	.1	1.3	3.5	1.3	1.0	.4	.4	.3	.3	.1	.1	.1						668	671	602	104
70/ 69	.4	2.9	3.9	1.2	.8	.6	.4	.2	.2	.2	.1	.0						803	805	985	327
68/ 67	.3	4.0	2.8	.9	.7	.5	.3	.2	.2	.0	.0							735	738	1088	701
66/ 65	.4	2.9	1.8	.7	.6	.4	.3	.1	.0	.0								536	537	1032	1115
64/ 63	.1	1.9	1.3	.7	.6	.3	.1	.1	.0									385	385	851	935
62/ 61	.1	1.2	.9	.9	.4	.2	.2	.0	.0									294	294	536	769
60/ 59	.1	1.0	1.1	.6	.3	.2	.1	.1										252	253	448	549
58/ 57	.1	.8	1.0	.4	.2	.1	.1	.0										197	199	351	484
56/ 55	.1	.6	.7	.2	.1	.1	.1											142	142	403	440
54/ 53	.3	.9	.4	.1	.1	.1	.0											143	147	318	435
52/ 51	.0	.3	.4	.1	.1	.1												74	77	197	372
50/ 49	.0	.2	.1	.1	.0	.0												36	36	127	293
48/ 47	.0	.1	.1	.0	.0													18	18	76	206
46/ 45		.0	.1	.0														8	8	48	168
44/ 43		.0	.1															6	6	28	121
42/ 41																				15	92
40/ 39																				9	65
38/ 37																					68
36/ 35																					49
34/ 33																					35
32/ 31																					34

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

...LIMATOLOGY BRANCH
...WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 76-79,74-78 YEARS | MAY MONTH

PAGE 2 | 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
30/ 29																					16
28/ 27																					
26/ 25																					
TOTAL	2.0	13.8	20.5	12.3	10.3	8.1	7.0	6.4	5.7	3.8	2.3	1.8	.6	.2	.1				7435		741
																		7416		7416	

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.	37529602	507244	68.4	19.553	7416							
Dry Bulb	38260168	529148	71.2	8.994	7435			533.7	312.1	138.4	4.1	744
Wet Bulb	30431901	472569	63.7	6.553	7416			298.7	30.3			744
Dew Point	26308934	437340	59.0	8.357	7416		6.3	116.1	2.5			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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | JUN MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87							.2											2	2		
86/ 85						.1			.1									2	2		
84/ 83			.1			.1	.1		.1									4	4		
82/ 81			.7	.1	.6	.3		.1										16	16		
80/ 79			1.2	.4	.2	.3			.1									21	21	1	
78/ 77		.7	2.1	1.3	.8	.1		.2										47	47	6	4
76/ 75		1.9	4.0	2.0	.6	.1	.1											78	78	25	15
74/ 73	.1	5.9	7.5	3.8	.8	.7	.3											175	175	62	25
72/ 71		5.3	9.9	2.7	1.3	.7	.2											181	181	142	87
70/ 69	.6	5.2	7.2	2.7	1.1	.3	.1											155	155	140	143
68/ 67	.2	1.9	5.0	2.1	.6	.2		.1										91	91	174	140
66/ 65		.8	3.0	1.7	.1	.1		.2										53	53	111	122
64/ 63		1.0	1.4	1.1	.4													36	36	79	98
62/ 61		.2	.3	.8	.6													17	17	72	68
60/ 59			.7	.4	.1													11	11	32	60
58/ 57			.3	.3														6	6	22	47
56/ 55			.1	.3														4	4	12	35
54/ 53			.1															1	1	13	20
52/ 51																				6	9
50/ 49																				3	7
48/ 47																					9
46/ 45																					7
44/ 43																					1
42/ 41																					3
TOTAL	.9	22.9	44.1	19.8	7.1	3.1	1.1	.7	.3									900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5948993	72607	80.7	10.087	900							
Dry Bulb	4568429	63983	71.1	4.685	900			77.2	34.5	3.5		90
Wet Bulb	4071812	60370	67.1	4.983	900			55.0	9.4			90
Dew Point	3804045	58255	64.7	6.089	900			41.4	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70, 74-78 (YEARS) JUN (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
84/ 83					.1													1	1		
82/ 81				.1	.1		.1											3	3		
80/ 79		.2	.4	.2	.4	.1	.1											14	14	1	1
78/ 77		1.2	.8	.4	.6		.1	.1										29	29	2	
76/ 75		1.3	3.0	.4	.3													46	46	18	9
74/ 73	.1	6.8	4.0	1.4	.2	.1	.1											115	115	39	23
72/ 71	.6	7.6	6.6	1.9	.8	.2												158	158	114	80
70/ 69	.3	8.7	9.1	1.9	.9	.3												191	191	135	113
68/ 67	.4	6.9	5.4	1.2	.7													132	132	186	133
66/ 65		2.6	5.2	1.0	.2	.1	.1											83	83	119	156
64/ 63		1.7	2.1	1.3	.2	.1	.2											51	51	92	98
62/ 61		1.1	1.3	.7	.3	.2												33	33	70	66
60/ 59		.9	.9	.3		.1												20	20	43	71
58/ 57			.9	.2														10	10	35	50
56/ 55			.7	.3														9	9	16	29
54/ 53			.3	.1														4	4	11	26
52/ 51																				12	11
50/ 49		.1																1	1	5	10
48/ 47																				2	10
46/ 45																					8
44/ 43																					2
42/ 41																					4
TOTAL	1.4	39.0	40.8	11.7	4.9	1.3	.8	.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.	6424068	75584	84.0	9.216	900							
Dry Bulb	4340554	62356	69.3	4.746	900			68.9	20.8	1.2		90
Wet Bulb	3954881	59479	66.1	5.172	900			49.5	6.0			90
Dew Point	3740533	57755	64.2	6.174	900			35.9	3.3			90

FORM 0-20-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70, 74-78 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87						.1	.2		.1									4	4		
84/ 83			.1		.2	.2			.1									6	6		
82/ 81			.3	.4	.7	.3	.1											17	17		
80/ 79		.1	.8	1.4	.7	.1	.4											32	32	1	
78/ 77		.7	2.2	2.0	1.0	.3	.6											61	61	6	3
76/ 75		1.6	5.4	3.0	1.4	.8	.1											111	111	27	8
74/ 73		5.4	5.8	4.6	.7	.8	.2	.1										158	158	74	33
72/ 71	.3	5.2	6.9	2.6	1.0	.7	.3	.1										154	154	143	103
70/ 69	.1	6.1	6.0	1.4	1.0	.1												133	133	159	124
68/ 67	.1	3.0	3.9	1.2	1.2	.3	.2	.1										91	91	152	158
66/ 65		1.7	3.1	1.2	.7	.2	.1											63	63	113	127
64/ 63		.3	1.0	.7	.1	.1	.1											25	25	74	79
62/ 61		.9	.3	.6	.6	.1												22	22	57	81
60/ 59		.3	.4	.3		.1												11	11	40	51
58/ 57		.3	.3		.1													7	7	19	40
56/ 55		.1	.3		.1													5	5	14	29
54/ 53																				14	26
52/ 51																				5	10
50/ 49																				1	8
48/ 47																				1	12
46/ 45																					1
44/ 43																					2
42/ 41																					4
40/ 39																					1
TOTAL	.6	26.2	37.0	19.4	9.4	4.3	2.4	.3	.2									900	900		900
																				900	

Elem : (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. ium.	5893861	72155	80.2	11.013	900							
Dry Bulb	4615484	64294	71.4	4.999	900			76.7	38.9	3.9		90
Wet Bulb	4093653	60529	67.3	5.037	900			56.2	10.8			90
Dew Point	3817898	58356	64.8	6.158	900			42.9	4.4			90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 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
100/ 99											.1	.1						2	2		
98/ 97											.1							1	1		
96/ 95										.1		.1						2	2		
94/ 93								.3	.3	.1	.1							8	8		
92/ 91							.1	.2		.3			.1					7	7		
90/ 89						.3	1.2	.6	.6	.3	.2	.1						30	30		
88/ 87				.1	.1	.6	1.9	.8	.4	.2	.1							38	38		
86/ 85					1.7	2.1	1.9	1.2	1.0	.3	.3	.1						78	78		
84/ 83			.2	.8	1.9	3.9	2.4	2.2	.7	.3								112	112		
82/ 81			.1	1.9	4.0	3.4	2.4	1.4	1.0	.1	.1							131	131	1	
80/ 79			.4	3.8	4.2	2.9	2.0	1.2	.7	.2	.1							140	140	21	1
78/ 77			1.3	3.4	2.9	.6	1.7	.6	.8	.3			.1					107	107	51	4
76/ 75		.1	1.8	3.1	1.3	1.4	1.1	.8	.4									91	91	92	17
74/ 73		.2	2.1	.9	.8	1.0	.4	.7	.3		.1							59	59	175	70
72/ 71		.8	1.3	.6	.6	.6	.4	.1	.2	.3								44	44	161	113
70/ 69		.1	1.1	.4	.4	.1	.1	.1	.1									23	23	131	133
68/ 67			1.0	.1			.2	.1										13	13	87	153
66/ 65		.1			.1	.1												3	3	61	96
64/ 63		.4			.1	.1												6	6	46	64
62/ 61				.1														1	1	35	65
60/ 59				.1														1	1	15	45
58/ 57			.3															3	3	7	42
56/ 55																				9	27
54/ 53																				8	13
52/ 51																					19
50/ 49																					18
48/ 47																					8
46/ 45																					3
44/ 43																					2
42/ 41																					1
40/ 39																					5
34/ 33																					1
TOTAL		1.8	9.5	15.3	18.1	17.1	16.0	10.6	6.6	2.8	1.3	.4	.2					900	900	900	900

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3729978	56684	63.0	13.336	900							
Dry Bulb	5742951	71705	79.7	5.782	900			88.6	80.6	48.1	1.3	90
Wet Bulb	4477051	63315	70.4	5.041	900			71.9	34.0	.6		90
Dew Point	3891179	58857	65.4	0.845	900			49.1	9.2			90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION — SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME — 66-70, 74-78 YEARS — JUN 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
104/103														.1	.1			2	2		
102/101											.1		.2	.3				6	6		
100/ 99												.2						3	3		
98/ 97											.2	.4						8	8		
96/ 95									.1	.3	.4	.4		.1				13	13		
94/ 93								.2	1.4	.6	.3	.3	.1	.3				30	30		
92/ 91						.1	1.3	1.2	1.1	.8	.9	.6	.4					58	58		
90/ 89				.1		.2	1.8	2.7	2.2	2.2	.6	.3	.3					94	94		
88/ 87						1.3	3.7	4.6	2.2	3.0	1.1	.2	.2					147	147		
86/ 85				.2	.4	2.7	2.9	4.2	1.8	1.8	1.3			.1				139	139		
84/ 83					1.7	2.9	2.7	1.9	1.8	1.4	.7	.2						119	119	1	
82/ 81				.3	1.3	1.7	1.4	.6	1.4	1.2	.8	.1		.1				81	81	2	1
80/ 79			.1	.6	1.7	.8	.7	1.1	1.1	1.2	.3		.2					70	70	30	
78/ 77			.6	1.2	.8	.6	.6	.6	.6	.3	.1							47	47	80	2
76/ 75			.9	.8	.2	.2	.2	.2	.3	.3	.1							30	30	138	18
74/ 73		.1	.4	.9	.3			.1		.2								19	19	162	56
72/ 71		.2	.4	.3	.3					.2								14	14	157	98
70/ 69			.1	.4	.1			.1										7	7	85	139
68/ 67			.2		.2		.1											5	5	93	126
66/ 65		.2	.1		.1													4	4	51	90
64/ 63		.1																1	1	50	70
62/ 61																				23	72
60/ 59			.1	.2														3	3	11	43
58/ 57																				10	49
56/ 55																				3	43
54/ 53																				4	27
52/ 51																					18
50/ 49																					20
48/ 47																					9
46/ 45																					8
44/ 43																					2
42/ 41																					4
40/ 39																					2
38/ 37																					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												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | -70,74-78 YEARS | JUN 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
36/ 35																					1
TOTAL		.7	3.0	5.1	7.2	10.4	15.3	17.4	14.1	1.7	7.0	2.9	1.9	1.1	.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.	2623453	47061	52.3	13.450	900							
Dry Bulb	6475659	76143	84.6	6.123	900			89.2	86.6	74.4	6.2	90
Wet Bulb	4590758	64120	71.2	5.010	900			74.8	41.3	1.1		90
Dew Point	3782964	57984	64.4	7.250	900			44.0	7.7	.1		90

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION — SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME — 66-70,74-78 YEARS — JUN 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
106/105															.1	.1	.1	3	3		
104/103														.1	.4			5	5		
102/101													.3	.2				5	5		
100/ 99													.1	.4	.1			6	6		
98/ 97											.1	.4	.2	.4				11	11		
96/ 95									.4	.3	1.4	.6	.1		.1	.1		28	28		
94/ 93								.2	1.7	.6	.6	.8						34	34		
92/ 91							.6	1.4	.7	1.8	1.4	.9	.1	.3				65	65		
90/ 89						.4	1.2	2.1	3.7	1.9	1.6	.4	.3	.2				107	107		
88/ 87					.1	1.0	2.3	3.2	2.6	2.8	2.0	1.2	.1	.2				140	140		
86/ 85					.2	1.7	2.2	2.8	2.6	1.7	.9	.9	.2	.1				119	119		
84/ 83					1.0	1.4	1.7	1.2	1.4	1.1	1.2	.6			.3			90	90		
82/ 81				.9	1.8	1.0	.7	1.1	1.1	1.7	.9	.3						85	85		
80/ 79		.1	.1	1.7	1.4	2.0	.7	.4	.9	.6	.3							74	74	30	
78/ 77			.4	.7	1.1	.6	.2	.1		.3	.1	.2						34	34	74	2
76/ 75		.1	1.2	1.2	.8	.2			.1	.1		.1						35	35	119	11
74/ 73	.1	.2	1.1	.2	.2	.1		.1	.1	.1	.1							22	22	164	64
72/ 71		.3	.4	.2	.3					.1								13	13	151	84
70/ 69		.6	.4	.2	.2													13	13	115	107
68/ 67		.1	.1	.2	.1													5	5	91	115
66/ 65			.1															1	1	61	130
64/ 63		.1	.1															2	2	49	61
62/ 61					.1													1	1	23	80
60/ 59				.1	.1													2	2	11	57
58/ 57																				1	40
56/ 55																				6	42
54/ 53																				5	27
52/ 51																					31
50/ 49																					16
48/ 47																					16
46/ 45																					7
44/ 43																					1
40/ 39																					3
38/ 37																					3

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JUN (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
36/ 35																					1
34/ 33																					2
TOTAL	.1	1.6	4.1	5.4	7.6	8.4	9.6	12.8	15.2	13.0	10.7	6.4	1.6	2.1	1.1	.2	.1	900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2572101	46025	51.1	15.588	900							
Dry Bulb	6559754	76600	85.1	6.091	900			89.4	86.3	74.0	9.2	90
Wet Bulb	4563551	63939	71.0	4.846	900			74.4	38.7	.7		90
Dew Point	3723387	57509	63.9	7.355	900			38.3	7.7			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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70, 74-78 YEARS | JUN 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
102/101														.1	.1			2	2		
100/ 99													.2	.2				4	4		
98/ 97												.1	.3					4	4		
96/ 95										.1	.3							4	4		
94/ 93								.1	.4	.1	.3	.1	. .					11	11		
92/ 91							.2	.4	.3	.4	.3	.2						18	18		
90/ 89						.2	.3	.8	.9	.6	.2		.2					29	29		
88/ 87					.1	.7	1.7	1.7	1.6	.6		.1	.1	.1				59	59		
86/ 85				.1	1.2	2.3	1.1	1.3	1.2	1.4	.7							85	85		
84/ 83				.3	1.1	2.8	2.9	1.9	.8	.9	.9	.1		.1	.1			107	107		
82/ 81			.3	1.4	2.2	2.0	2.3	1.3	1.3	1.1	.3	.1	.1					114	114		
80/ 79		.1	.3	1.4	2.6	2.6	1.7	2.1	1.3	.2	.4		.1					116	116	14	
78/ 77		.1	1.4	3.1	2.9	1.1	.4	.9	.3	.4	.1							98	98	42	5
76/ 75		.6	3.2	1.7	2.0	1.3	.7	.3	.2		.1							91	91	85	17
74/ 73	.1	1.6	2.4	1.8	.7	.4	.4	.1	.2									70	70	152	44
72/ 71		.7	1.2	.4	.8	.1	.3	.1		.1								34	34	176	99
70/ 69	.1	1.2	1.1	.1	.3	.1	.2		.1									30	30	125	134
68/ 67		.8	.2	.3														13	13	122	133
66/ 65				.1	.1	.1												3	3	79	116
64/ 63			.1	.3		.1												5	5	51	84
62/ 61																				16	54
60/ 59				.2														2	2	18	48
58/ 57					.1													1	1	12	48
56/ 55																				2	40
54/ 53																				5	28
52/ 51																				1	13
50/ 49																					10
48/ 47																					11
46/ 45																					6
44/ 43																					3
42/ 41																					1
40/ 39																					3
38/ 37																					1
36/ 35																					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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70, 74-78 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
34/ 33																					1
TOTAL	.2	5.0	10.6	11.4	14.1	13.9	12.3	11.1	8.8	6.0	3.8	.8	1.2	.6	.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.	3608118	55064	61.2	16.311	900							
Dry Bulb	5826039	72191	80.2	6.279	900			88.9	81.2	49.7	2.5	90
Wet Bulb	4438250	63060	70.1	4.698	900			71.6	29.3	.2		90
Dew Point	3805725	58195	64.7	6.898	900			43.2	6.6			90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91												.1						1	1		
88/ 87						.2	.4	.2			.1							9	9		
86/ 85				.2	.1	.3	.3		.1									10	10		
84/ 83			.2	.3	.3	.4	.6											17	17		
82/ 81			.9	1.1	1.2	.4	.1	.1	.1									36	36		
80/ 79		.1	1.1	2.8	1.6	1.8	.4	.2	.1									73	73	5	
78/ 77		.3	2.6	4.1	3.6	.7	.7	.4										111	111	17	8
76/ 75	.1	.9	5.3	4.9	2.6	1.7	.6	.1				.1						146	146	36	16
74/ 73		4.8	6.3	5.2	2.7	1.3	.3											186	186	111	33
72/ 71	.1	2.3	6.1	2.9	2.1	1.0	.4		.1									136	136	169	112
70/ 69	.1	1.7	3.1	1.7	1.7	.1		.2										77	77	163	146
68/ 67		.8	2.1	.9	1.7	.3		.1										53	53	136	134
66/ 65	.1	.3	.6	.6	.6	.3	.1											23	23	93	126
64/ 63		.1	.3	.2	.1	.1												8	8	75	82
62/ 61			.2	.1	.6													8	8	42	70
60/ 59					.2													2	2	21	50
58/ 57				.3	.1													4	4	10	42
56/ 55																				12	40
54/ 53																				4	10
52/ 51																				5	7
50/ 49																				1	5
48/ 47																					6
46/ 45																					6
44/ 43																					4
42/ 41																					2
36/ 35																					1
TOTAL	.4	11.3	28.9	25.3	19.0	8.8	4.0	1.4	.4		.1	.2						900	900	900	900

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5162007	67317	74.8	11.882	900							
Dry Bulb	4962460	66690	74.1	4.802	900			85.5	58.9	10.7		90
Wet Bulb	4244111	61655	68.5	4.764	900			63.7	16.9			90
Dew Point	3875147	58797	65.3	6.144	900			44.9	5.7			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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70, 74-78 (YEARS) JUN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
106/105															.0	.0	.0	3	3		
104/103														.0	.1			7	7		
102/101											.0		.1	.1	.0			13	13		
100/ 99											.0	.0	.1	.1	.0			15	15		
98/ 97											.1	.1	.1	.1				24	24		
96/ 95									.1	.1	.3	.1	.0	.0	.0	.0		47	47		
94/ 93								.1	.5	.2	.2	.2	.0	.0				83	83		
92/ 91						.0	.3	.4	.3	.4	.3	.2	.1	.0				149	149		
90/ 89				.0		.2	.6	.8	.9	.6	.3	.1	.1	.0				260	260		
88/ 87				.0	.0	.5	1.3	1.3	.9	.8	.4	.2	.1	.0				399	399		
86/ 85				.1	.5	1.2	1.1	1.2	.8	.7	.4	.1	.0	.0				433	433		
84/ 83			.1	.2	.8	1.5	1.3	.9	.6	.5	.3	.1		.0	.1			456	456	1	
82/ 81			.3	.8	1.5	1.2	.9	.6	.6	.5	.3	.1	.0	.0				483	483	3	1
80/ 79		.1	.6	1.5	1.6	1.3	.8	.6	.5	.3	.2		.0					540	540	103	2
78/ 77		.4	1.4	2.0	1.7	.5	.5	.4	.2	.2	.0	.0	.0					534	534	278	28
76/ 75	.0	.8	3.1	2.1	1.2	.7	.3	.2	.1	.1	.0	.0						628	628	540	111
74/ 73	.1	3.1	3.8	2.3	.8	.6	.2	.1	.1	.0	.0							804	804	939	348
72/ 71	.1	2.8	4.1	1.4	.9	.4	.2	.0	.0	.1								734	734	1213	776
70/ 69	.2	2.9	3.5	1.1	.7	.1	.1	.1	.0									629	629	1053	1039
68/ 67	.1	1.7	2.3	.8	.6	.1	.1	.1										403	403	1041	1092
66/ 65	.0	.7	1.5	.6	.2	.1	.0	.0										233	233	688	963
64/ 63		.5	.6	.5	.1	.1	.0											134	134	516	636
62/ 61		.3	.3	.3	.3	.0												82	82	338	556
60/ 59		.2	.3	.2	.1	.0												52	52	191	425
58/ 57		.0	.2	.1	.0													31	31	116	358
56/ 55		.0	.1	.1	.0													18	18	74	285
54/ 53			.1	.0														5	5	64	177
52/ 51																				29	118
50/ 49		.0																1	1	10	94
48/ 47																				3	81
46/ 45																					46
44/ 43																					17
42/ 41																					19
40/ 39																					14

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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70, 74-78 YEARS | JUN 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
38/ 37																						6
36/ 35																						4
34/ 33																						4
TOTAL	.2	13.6	22.3	14.2	10.9	8.4	7.7	6.8	5.7	4.4	2.9	1.3	.6	.5	.2	.0	.0		7200			7200
																			7200		7200	

Element (A)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	359625?9	492497	68.4	17.775	7200							
Dry Bulb	43091330	553962	76.9	8.080	7200			664.4	487.8	265.5	19.2	720
Wet Bulb	34434067	496467	69.0	5.281	7200			517.1	196.4	2.6		720
Dew Point	30440878	465708	64.7	6.647	7200			339.7	49.0	.1		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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 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
90/ 89									.2									2	2		
88/ 87						.1												1	1		
86/ 85						.2	.1											3	3		
84/ 83				.4	.4	.2												10	10		
82/ 81			.6	.9	1.1	.4	.2											30	30		
80/ 79		.6	1.8	4.1	1.1	.2	.2											75	75	1	
78/ 77		2.0	5.7	3.1	1.3	.2												115	115	18	4
76/ 75	1.5	7.0	8.1	4.3	1.1	.1												205	205	86	51
74/ 73	1.6	12.5	9.0	3.3	.5	.2												253	253	241	137
72/ 71	.4	7.3	6.6	2.0	.3													155	155	239	222
70/ 69	.4	1.9	3.3	.4	.1													58	58	187	197
68/ 67		.1	1.0	.8														17	17	94	159
66/ 65		.1	.5															6	6	36	66
64/ 63																				21	49
62/ 61																				7	27
60/ 59																					12
58/ 57																					6
TOTAL	4.0	31.6	36.7	19.4	5.9	1.7	.5		.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.	6672659	78339	84.2	8.909	930							
Dry Bulb	5194810	69436	74.7	3.371	930			92.4	69.4	8.2		93
Wet Bulb	4727547	66247	71.2	3.034	930			86.6	34.6			93
Dew Point	4508811	64667	69.5	3.628	930			77.0	19.2			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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JUL (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
84/ 83						.1												1	1		
82/ 81				.1	.4	.2												7	7		
80/ 79		.1	.8	1.7	.1	.2												27	27		
78/ 77		2.0	4.9	1.0	.9		.1											83	83	2	2
76/ 75	2.2	6.6	6.0	2.9	.5													169	169	59	41
74/ 73	1.8	13.4	8.6	1.7	.3	.1												242	242	183	113
72/ 71	1.7	12.2	9.1	.2	.4													220	220	228	190
70/ 69	.6	5.4	4.7	.9	.3													111	111	232	208
68/ 67	.1	1.5	2.7	.5	.1													46	46	111	174
66/ 65		.5	1.1															15	15	55	96
64/ 63		.1	.5															6	6	36	43
62/ 61		.1	.2															3	3	17	28
60/ 59																				7	23
58/ 57																					10
56/ 55																					1
54/ 53																					1
TOTAL	6.5	41.9	38.7	9.0	3.1	.6	.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.	7118260	81046	87.1	7.723	930							
Dry Bulb	4963239	67875	73.0	3.191	930			90.6	52.9	2.1		93
Wet Bulb	4606011	65379	70.3	3.259	930			81.5	24.4			93
Dew Point	4433446	64114	68.9	3.804	930			72.8	15.6			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
88/ 87						.1		.1										2	2		
86/ 85				.1	.3	.3	.1											8	8		
84/ 83				.5	.6	.6	.1											18	18		
82/ 81			.9	1.9	1.9	.4												48	48		
80/ 79		.4	2.2	2.5	1.7	.3	.1											67	67	1	
78/ 77	.2	2.0	6.7	2.9	1.1	.3												123	123	28	6
76/ 75	1.7	6.6	7.2	3.5	.9	.6	.1											192	192	102	58
74/ 73	1.6	11.6	6.1	2.9	.5	.2	.1											215	215	230	143
72/ 71	.8	7.7	6.7	.6	.4													151	151	221	214
70/ 69	.4	2.9	2.5	.6		.1												61	61	159	191
68/ 67	.1	1.0	1.3	.4		.1												27	27	105	140
66/ 65		.2	1.0															11	11	43	73
64/ 63		.3	.1															4	4	23	44
62/ 61		.2	.1															3	3	12	27
60/ 59																				4	26
58/ 57																				1	5
54/ 53																					1
52/ 51																					2
TOTAL	4.8	33.0	34.6	16.1	7.5	3.2	.5	.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.	6671464	78268	84.2	9.537	930							
Dry Bulb	5198115	69435	74.7	3.883	930			91.2	67.3	10.6		93
Wet Bulb	4724189	66209	71.2	3.379	930			84.7	36.2			93
Dew Point	4503591	64613	69.5	3.953	930			75.2	20.7			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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70, 74-78 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99										.1								1	1		
98/ 97									.1		.1							2	2		
96/ 95									.2	.5								7	7		
94/ 93							.2	.5	.1	.8								15	15		
92/ 91						.1	.8	1.1	1.1									28	28		
90/ 89					.3	1.3	2.2	1.8	.6	.1								59	59		
88/ 87				.1	1.1	2.8	4.1	1.4	.2	.2								92	92		
86/ 85			.1	.6	2.9	5.3	2.8	1.0	.3									121	121		
84/ 83		.1	.3	2.9	5.1	4.4	1.8	.6	.2	.1								145	145		
82/ 81		.3	1.2	3.4	5.1	2.3	1.5	.9	.2									138	138	13	2
80/ 79		.4	3.0	3.7	2.0	1.5	1.1	.4	.2									115	115	73	4
78/ 77	.1	1.1	3.3	1.7	2.2	.6	.6		.1									91	91	154	36
76/ 75	.3	1.3	2.7	1.7	.5	.4		.1										66	66	223	103
74/ 73		.8	1.6	.4	.2	.3												31	31	226	166
72/ 71		.3	1.2		.1													15	15	101	216
70/ 69				.1														1	1	79	148
68/ 67		.2																2	2	35	110
66/ 65		.1																1	1	19	63
64/ 63																				6	25
62/ 61																				1	21
60/ 59																					23
58/ 57																					8
56/ 55																					2
54/ 53																					3
TOTAL	.4	4.6	13.4	14.7	19.5	19.0	15.1	7.8	3.4	1.8	.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.	4408383	63013	67.8	12.227	930							
Dry Bulb	6360291	76763	82.5	5.105	930			92.9	91.1	66.8	2.5	93
Wet Bulb	5132986	69018	74.2	3.435	930			90.4	68.9	3.5		93
Dew Point	4632084	65510	70.4	4.341	930			78.5	31.1	.3		93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | JUL 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
104/103														.2	.2			4	4		
102/101											.1	.3	.2		.1			7	7		
100/ 99											.2	.3	.2	.1				8	8		
98/ 97									.2	.5	1.2	.5		.2				25	25		
96/ 95								.2	1.1	1.7	.9	.5						41	41		
94/ 93							.4	1.8	2.4	2.3	1.0	.9	.1					82	82		
92/ 91						.9	2.7	2.8	2.0	1.5	1.3	.2	.1					107	107		
90/ 89					.1	1.2	4.3	3.4	2.2	1.2	.6	.2						123	123		
88/ 87				.3	.5	2.2	5.7	3.5	1.5	1.1	.4							142	142		
86/ 85				.2	1.7	4.3	2.9	1.8	1.4	.8								122	122		
84/ 83				1.4	2.7	1.4	1.8	1.6	1.1	.2								95	95		
82/ 81		.1	1.0	2.0	1.5	1.1	1.2	1.1	.3									77	77	28	2
80/ 79		.2	.8	.8	1.3	.4	.3	.3	.2									40	40	115	4
78/ 77	.1	.5	1.2	1.1	.4	.1	.1											33	33	198	21
76/ 75		.4	.9	.1														13	13	234	99
74/ 73		.1	.6															7	7	144	149
72/ 71		.1	.1															2	2	111	174
70/ 69		.2																2	2	56	150
68/ 67																				37	119
66/ 65																				6	68
64/ 63																				1	58
62/ 61																					38
60/ 59																					28
58/ 57																					10
56/ 55																					9
54/ 53																					1
TOTAL	.1	1.7	4.5	5.9	8.3	11.5	19.5	16.7	12.4	9.2	5.7	3.0	.6	.5	.3			930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3151184	52752	56.7	13.081	930							
Dry Bulb	7135415	81297	87.4	5.563	930			93.0	92.6	85.9	16.7	93
Wet Bulb	5245962	69778	75.0	3.364	930			92.3	71.9	6.3		93
Dew Point	4522399	64703	69.6	4.733	930			71.8	27.5	.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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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
106/105														.1	.1	.1		3	3		
104/103															.4			4	4		
102/101											.1	.2	.1	.3	.3			10	10		
100/ 99											.1	1.2	.2	.2	.1			17	17		
98/ 97								.1	.1	.3	1.0	.9	.3	.2				27	27		
96/ 95								.1	.8	.3	1.7	.5	.4					54	54		
94/ 93							.6	.3	2.5	1.7	1.9	1.5	.3					83	83		
92/ 91						.1	1.7	2.8	2.2	2.2	1.5	.1	.2					100	100		
90/ 89					.3	1.0	3.0	3.3	2.6	1.5	1.2	.2	.2					124	124		
88/ 87					.1	2.0	3.9	2.8	1.4	2.0	.3	.1						118	118		
86/ 85				.4	.3	3.4	2.2	1.9	1.4	.5	.4							99	99		
84/ 83			.5	1.5	1.4	1.8	1.1	.9	.5	.4								76	76	2	
82/ 81			.3	1.8	1.6	1.0	.9	.8	.4									63	63	15	1
80/ 79		.1	1.0	1.0	.8	.5	.1	.2										34	34	76	4
78/ 77		1.0	1.7	1.2	.6	.1												43	43	192	21
76/ 75		2.5	1.8	.6	.4													50	50	202	65
74/ 73		.4	.9	.3	.1													16	16	208	132
72/ 71		.1	.2	.1														4	4	115	173
70/ 69		.2	.3															5	5	75	150
68/ 67																				34	132
66/ 65																				11	76
64/ 63																					68
62/ 61																					50
60/ 59																					29
58/ 57																					19
56/ 55																					9
54/ 53																					1
TOTAL		4.3	6.8	7.0	5.7	10.0	13.4	13.2	11.8	11.0	8.3	4.7	1.8	.9	1.0	.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.	3207194	52562	56.5	15.955	930							
Dry Bulb	7117420	81126	87.2	6.612	930			93.0	92.1	80.1	19.8	93
Wet Bulb	5174364	69302	74.5	3.297	930			91.9	69.5	4.1		93
Dew Point	4436804	64080	68.9	4.809	930			67.8	22.3	.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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | JUL 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
104/103														.1				1	1		
102/101															.1			1	1		
100/ 99												.1						1	1		
98/ 97											.3			.1				4	4		
96/ 95						.1			.1	.4	.2	.2	.1					11	11		
94/ 93								.2	1.2	.6	.2	.4						25	25		
92/ 91						.2	.2	.8	.8	.8	.4	.3						32	32		
90/ 89					.1	.6	1.6	2.6	1.2	.5		.1	.1					64	64		
88/ 87					.8	2.3	2.3	1.8	.6	.5	.4							81	81		
86/ 85			.2	.4	1.8	3.4	2.2	1.9	.9	.1	.3							105	105	1	
84/ 83		.1	.4	1.7	3.2	4.2	1.5	1.5	.6	.2								126	126	1	
82/ 81	.1		1.3	3.3	2.4	1.9	1.5	.6	.4									108	108	8	4
80/ 79		.6	2.0	2.7	2.2	1.7	1.0	.3	.1									99	99	39	4
78/ 77	.1	1.4	2.9	2.7	1.5	.9	.3											91	91	141	21
76/ 75	.1	3.7	2.7	2.0	.4	.1												84	84	188	81
74/ 73	.3	2.7	2.8	.8	.1	.2												64	64	230	146
72/ 71		.4	1.1	.2														16	16	145	195
70/ 69		1.0	.6	.1														16	16	101	154
68/ 67																				56	123
66/ 65																				18	72
64/ 63																				1	65
62/ 61																					23
60/ 59																					22
58/ 57																					9
56/ 55																					9
54/ 53																					1
TOTAL	.6	9.9	14.1	14.0	12.5	15.7	10.5	9.8	5.9	3.2	1.9	1.2	.2	.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.	4450417	62655	67.4	15.562	929							
Dry Bulb	6311585	76375	82.2	5.931	929			93.0	89.8	62.0	4.3	93
Wet Bulb	5040657	68361	73.6	3.327	929			91.1	60.9	2.2		93
Dew Point	4523337	64687	69.6	4.540	929			72.9	25.6	.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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) JUL (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
92/ 91									.1									1	1		
90/ 89						.1	.2		.3	.1								7	7		
88/ 87						.3	.5	.1										9	9		
86/ 85				.1	.3	1.6	.2		.1									22	22		
84/ 83			.2	.8	1.8	.6	.4	.1										37	37		
82/ 81	.1	.2	1.7	2.7	3.3	.9	.2	.1										86	86	1	1
80/ 79		.5	3.9	4.8	3.4	1.6	.2	.2										137	137	15	1
78/ 77	.1	3.1	6.0	4.8	3.0	1.0	.1											169	169	35	17
76/ 75	.9	5.0	6.4	5.5	2.2	.5	.2											191	191	164	67
74/ 73	1.1	7.9	5.3	3.7	1.3	.2												180	180	250	155
72/ 71		1.8	3.3	.8	.3													58	58	206	211
70/ 69	.3	1.1	1.1	.1	.2													26	26	142	180
68/ 67		.1	.5															6	6	78	139
66/ 65																				28	71
64/ 63																				8	51
62/ 61																				2	19
60/ 59																					11
58/ 57																					4
56/ 55																					2
TOTAL	2.5	19.7	28.4	23.3	15.9	6.9	2.2	.5	.5	.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.	5962448	73742	79.4	10.836	929							
Dry Bulb	5519028	71512	77.0	3.915	929			93.0	84.0	23.7		93
Wet Bulb	4851535	67073	72.2	3.101	929			89.2	46.6	.3		93
Dew Point	4555093	64961	69.9	3.821	929			77.2	24.1	.1		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | JUL 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
106/105														.0	.0	.0		3	3		
104/103														.0	.1			9	9		
102/101											.0	.1	.0	.0	.1			18	18		
100/ 99										.0	.0	.2	.1	.0	.0			27	27		
98/ 97								.0	.1	.1	.3	.2	.0	.1				58	58		
96/ 95						.0		.0	.3	.6	.3	.2	.1					113	113		
94/ 93							.2	.4	.8	.7	.4	.3	.1					205	205		
92/ 91						.2	.7	.9	.8	.6	.4	.1	.0					268	268		
90/ 89					.1	.5	1.4	1.4	.9	.4	.2	.1	.0					379	379		
88/ 87				.1	.3	1.2	2.1	1.2	.5	.5	.1	.0						445	445		
86/ 85			.0	.2	.9	2.3	1.3	.8	.5	.2	.1							480	480	1	
84/ 83		.0	.2	1.2	1.9	1.7	.8	.6	.3	.1								508	508	3	
82/ 81	.0	.1	.9	2.0	2.2	1.0	.7	.4	.2									557	557	65	10
80/ 79		.4	1.9	2.6	1.6	.8	.4	.2	.1									594	594	320	17
78/ 77	.1	1.7	4.1	2.3	1.4	.4	.2		.0									748	748	768	128
76/ 75	.8	4.1	4.5	2.6	.8	.2	.0	.0										970	970	1259	565
74/ 73	.8	6.2	4.4	1.6	.4	.2	.0											1008	1008	1712	1141
72/ 71	.4	3.8	3.5	.5	.2													621	621	1366	1595
70/ 69	.2	1.6	1.6	.3	.1	.0												280	280	1031	1378
68/ 67	.0	.4	.7	.2	.0	.0												98	98	550	1096
66/ 65		.1	.3															33	33	216	585
64/ 63		.1	.1															10	10	96	403
62/ 61		.0	.0															6	6	39	233
60/ 59																				11	174
58/ 57																				1	71
56/ 55																					32
54/ 53																					8
52/ 51																					2
TOTAL	2.4	18.4	22.2	13.7	9.8	8.6	7.7	6.0	4.3	3.2	2.0	1.1	.3	.2	.2	.0		7438	7438		7438
																				7438	

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.	41642009	542377	72.9	16.772	7438							
Dry Bulb	47799903	593819	79.8	7.259	7438			739.1	639.2	339.4	43.3	744
Wet Bulb	39503251	541367	72.8	3.675	7438			707.7	412.9	16.4		744
Dew Point	36116465	517335	69.6	4.249	7438			593.2	186.2	1.3		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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) AUG (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85					.1	.1												2	2		
84/ 83				.1														1	1		
82/ 81			.2	.9	.3	.2	.1											16	16		
80/ 79		.6	2.3	1.1	.4	.1												42	42	1	
78/ 77		4.9	8.3	1.0	.3													135	135	10	4
76/ 75	.4	12.7	8.6	1.4	.1	.3	.2											221	221	107	54
74/ 73	1.7	15.1	5.5	1.1		.3	.2											222	222	290	212
72/ 71	.6	8.3	4.4	.4	.1	.2	.2											133	133	211	239
70/ 69	.9	3.8	2.5	.4	.2													72	72	126	165
68/ 67	.2	2.6	1.9	.3	.4													51	51	70	92
66/ 65		.4	.6	.6	.2													18	18	47	59
64/ 63		.3	.5	.5														13	13	26	37
62/ 61			.1		.3													4	4	16	15
60/ 59																				20	14
58/ 57																				3	11
56/ 55																				1	13
54/ 53																				2	10
52/ 51																					2
50/ 49																					1
48/ 47																					2
TOTAL	3.9	48.7	34.9	7.8	2.6	1.3	.8											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.	7158336	81216	87.3	8.417	930							
Dry Bulb	5068052	68570	73.7	3.639	930			89.5	63.9	4.0		93
Wet Bulb	4708730	66078	71.1	3.852	930			81.5	40.8			93
Dew Point	4541169	64845	69.7	4.617	930			76.6	27.0			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | AUG MONTH

 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81						.1												1	1		
80/ 79		.1	1.0	.6	.2													18	18		
78/ 77		1.5	5.3	.3	.4	.1												71	71	3	
76/ 75	.3	10.5	5.8	.2	.1	.1												159	159	33	24
74/ 73	1.9	20.4	4.0	1.1	.1	.1	.1											258	258	256	139
72/ 71	1.9	12.3	3.8	.2	.1	.3												173	173	251	296
70/ 69	1.9	8.7	1.7	.2	.4	.1	.4											126	126	153	170
68/ 67	.6	3.2	2.0	.1														56	56	99	120
66/ 65		1.3	1.6	.1														28	28	40	62
64/ 63		.8	1.2	.6														24	24	30	28
62/ 61		.2	.4	.5	.3													14	14	29	29
60/ 59	.1		.1															2	2	20	16
58/ 57																				9	17
56/ 55																				4	9
54/ 53																				3	8
52/ 51																					6
50/ 49																					2
48/ 47																					3
46/ 45																					1
TOTAL	6.9	59.0	26.9	4.1	1.7	.9	.5													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.	7497400	83176	89.4	7.930	930							
Dry Bulb	4873743	67241	72.3	3.605	930			86.2	50.7	.9		93
Wet Bulb	4590893	65237	70.1	3.977	930			79.5	29.2			93
Dew Point	4453021	64203	69.0	4.724	930			74.9	16.3			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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
86/ 85				.1		.1	.1											3	3		
84/ 83				.3	.8	.1	.1											12	12		
82/ 81			.8	1.5	.6													27	27		
80/ 79		.2	3.2	2.6	.2	.1												59	59	1	
78/ 77		3.0	5.6	1.3	.1		.1											94	94	18	2
76/ 75	.8	9.9	5.6	.6	.1	.1												159	159	108	59
74/ 73	2.9	14.9	4.6	1.5	.4													227	227	256	194
72/ 71	2.2	9.6	3.4	.3	.4													148	148	219	241
70/ 69	1.0	6.8	2.0	.6	.4	.3	.2											106	106	121	174
68/ 67	.6	2.6	1.4	.6	.1	.2	.1											53	53	88	95
66/ 65	.1	.5	.9	.1	.1	.1												17	17	42	56
64/ 63		.5	.8	.1														13	13	32	24
62/ 61		.1	.2	.2	.1													6	6	17	27
60/ 59		.1	.2	.1	.1													5	5	14	25
58/ 57			.1															1	1	7	10
56/ 55																				5	5
54/ 53																				1	6
52/ 51																				1	5
50/ 49																					4
48/ 47																					1
46/ 45																					2
TOTAL	7.5	48.3	28.8	10.1	3.5	1.1	.6												930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7237122	81616	87.8	8.959	930							
Dry Bulb	5036292	68330	73.5	4.134	930			88.8	58.1	6.6		93
Wet Bulb	4688202	65922	70.9	4.071	930			81.1	38.3			93
Dew Point	4524125	64713	69.6	4.771	930			76.5	25.5			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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70, 74-78 YEARS | AUG 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
96/ 95									.4	.1								5	5		
94/ 93							.2	.1	.5									8	6		
92/ 91						.2	1.0	.9	.1									20	20		
90/ 89					.1	.6	2.3	.3	.1									32	32		
88/ 87					1.0	4.5	3.0	.3	.2									84	84		
86/ 85				.5	4.7	5.5	.4	.2	.2	.1								109	109		
84/ 83			.3	4.5	5.6	1.5	.6	.3										120	120	1	
82/ 81		.1	1.6	6.1	3.0	1.1	1.4	.8										131	131	5	
80/ 79		.1	5.6	4.0	1.7	1.4	.9	.3		.2								132	132	74	3
78/ 77		2.0	3.4	2.9	1.2	.4	.4		.2									99	99	202	19
76/ 75		2.0	2.3	1.6	.8	.5	.2	.2	.1									72	72	237	163
74/ 73	.1	2.0	1.6	1.2	.4	.8	.4	.3										64	64	146	242
72/ 71	.2	1.1	.6	.5	.2	.2		.1										28	28	90	193
70/ 69	.1	.8	.6	.1	.1		.1											17	17	67	107
68/ 67	.1	.4	.3				.1											9	9	51	48
66/ 65																				27	45
64/ 63																				13	38
62/ 61																				11	26
60/ 59																				3	13
58/ 57																				3	12
56/ 55																					5
54/ 53																					4
52/ 51																					6
50/ 49																					5
48/ 47																					1
TOTAL	.5	8.6	16.5	21.5	18.8	16.8	11.1	3.9	1.9	.4									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.	4917094	66682	71.7	12.096	930							
Dry Bulb	6139695	75397	81.1	5.402	930			93.0	87.6	57.6	1.3	93
Wet Bulb	5109488	68826	74.0	4.140	930			87.3	66.5	2.7		93
Dew Point	4679920	65804	70.8	5.064	930			77.5	42.7	.1		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) AUG (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
102/101												.1							1	1		
100/ 99										.1	.2	.3	.1						7	7		
98/ 97									.1	.9	.4		.1						14	14		
96/ 95								.3	1.0	.9	.2	.2	.1						25	25		
94/ 93							.1	1.6	2.6	.8									47	47		
92/ 91							3.2	4.3	1.8	.6	.1								94	94		
90/ 89						3.1	6.5	4.9	1.2	.5	.1								152	152		
88/ 87					.8	3.8	6.2	2.3	.6	.5	.1								133	133		
86/ 85					2.5	3.5	2.0	1.5	1.1	.8	.1								107	107		
84/ 83			.2	1.9	4.1	1.6	1.0	1.7	.6	.5	.3								112	112	1	
82/ 81			.2	2.7	2.2	1.1	1.2	.5	.2	.3									78	78	10	
80/ 79		.1	.9	1.6	1.6	.3	.6	.5		.4									57	57	153	1
78/ 77		.4	.5	1.3	.3	.2	.4	.2	.1										33	33	223	15
76/ 75		.8	.9	.6		.2	.2	.1	.2										28	28	221	114
74/ 73	.2	.6	.8	.5				.1											21	21	108	222
72/ 71		.3	.4	.2															9	9	78	207
70/ 69		.5	.5																10	10	57	131
68/ 67		.2																	2	2	37	72
66/ 65																					27	45
64/ 63																					9	42
62/ 61																					4	26
60/ 59																					2	18
58/ 57																						15
56/ 55																						7
54/ 53																						2
52/ 51																						10
50/ 49																						2
48/ 47																						1
TOTAL	.2	3.0	4.4	8.9	11.4	13.9	21.5	18.2	9.6	6.3	1.6	.6	.3						930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3545023	56245	60.5	12.425	930							
Dry Bulb	6889174	79856	85.9	5.888	930			93.0	90.9	79.9	9.4	93
Wet Bulb	5240241	69713	75.0	3.956	930			88.8	71.6	6.3		93
Dew Point	4599503	65237	70.1	5.008	930			76.2	35.2			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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | AUG 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
102/101										.1				.2				3	3		
100/ 99											.4	.2						6	6		
98/ 97									.1	.5	.9	.3						17	17		
96/ 95							.1	.1	.4	1.4	.8							26	26		
94/ 93							.1	.8	2.5	2.0	.6	.1						57	57		
92/ 91						.1	2.7	3.7	3.3	1.1	.3							104	104		
90/ 89				.1		.6	4.2	4.8	2.8	.4	.3							124	124		
88/ 87			.1		.1	2.0	5.3	3.3	.8	1.0	.2	.1						120	120		
86/ 85			.1	.3	2.6	3.4	1.1	1.4	1.6	.6	.6							110	110		
84/ 83			.1	1.2	3.0	2.4	1.1	2.0	.5	.4	.3							103	103	4	2
82/ 81			.3	1.0	1.9	1.2	1.1	.4	.2	.3	.3							63	63	6	
80/ 79		.3	1.3	1.9	.6	.2	.4	.8										52	52	87	2
78/ 77		1.3	2.2	.8	.2		.2	.2	.1									46	46	215	12
76/ 75		1.2	1.7	1.4					.2									42	42	242	76
74/ 73	.2	1.5	1.4	.6	.1													36	36	142	175
72/ 71		1.0	.1	.3														13	13	90	199
70/ 69		.2	.3	.1														6	6	74	201
68/ 67		.2																2	2	35	75
66/ 65																				24	59
64/ 63																				8	42
62/ 61																				1	31
60/ 59																				2	19
58/ 57																					16
56/ 55																					5
54/ 53																					7
52/ 51																					6
50/ 49																					2
48/ 47																					1
TOTAL	.2	5.7	7.6	7.7	8.6	10.0	16.2	17.5	12.6	8.0	4.8	.8		.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.	3596502	56156	60.4	14.878	930							
Dry Bulb	6854742	79626	85.6	6.329	930			93.0	90.9	75.6	10.9	93
Wet Bulb	5178535	69313	74.5	3.687	930			89.5	69.6	3.8		93
Dew Point	4528137	64733	69.6	4.907	930			74.2	26.7	.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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95								.2	.4	.1								7	7		
94/ 93								.3	.3	.1								7	7		
92/ 91							.6	.5	.4	.1								16	16		
90/ 89					.1	.3	1.5	1.8	.4	.1								40	40		
88/ 87					.4	1.7	3.3	1.1		.1								62	62		
86/ 85				.9	3.3	3.5	1.4	.8	.3	.2	.1							98	98		
84/ 83			.2	3.1	4.6	2.0	.5	.4	.4		.1							107	107	1	
82/ 81		.1	2.3	5.2	3.3	1.9	.6	.2	.2	.1								130	130	2	
80/ 79		.3	3.7	5.2	2.0	1.0	.6		.1	.2								122	122	42	1
78/ 77		1.4	3.9	3.5	1.7	.6	.9	.1										113	113	159	17
76/ 75	.1	4.4	2.4	1.4	.9	.4	.3	.1										93	93	222	107
74/ 73	.2	3.9	2.3	.9	.6	.4	.2	.1										80	80	213	208
72/ 71	.1	2.4	.5	.1		.1	.1											31	31	134	225
70/ 69	.1	.5	.1	.1	.1													9	9	71	165
68/ 67		.8	.8			.1												15	15	38	66
66/ 65																				24	48
64/ 63																				16	28
62/ 61																				5	18
60/ 59																				2	20
58/ 57																				1	12
56/ 55																					4
54/ 53																					6
52/ 51																					4
50/ 49																					1
TOTAL	.5	13.8	16.0	20.3	17.2	12.3	10.2	5.7	2.7	1.1	.2							930	930		930
																				930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5022793	67203	72.3	13.392	930							
Dry Bulb	6068055	74951	80.6	5.448	930			93.0	87.5	53.2	1.4	93
Wet Bulb	5055502	68484	73.6	3.658	930			88.2	63.9	1.8		93
Dew Point	4629563	65479	70.4	4.564	930			78.9	33.3	.1		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 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
90/ 89							.1											1	1		
88/ 87								.1										1	1		
86/ 85				.2	.5	.2												9	9		
84/ 83			.2	1.0	1.1	.3	.1											25	25		
82/ 81		.1	1.3	3.4	1.0	.8												61	61		
80/ 79		.9	7.6	4.1	1.5	.2	.1											134	134	7	1
78/ 77		4.1	9.0	3.4	.4	.2												160	160	43	10
76/ 75	.3	9.4	8.4	2.8	.8	.8	.1											209	209	197	78
74/ 73	.6	8.1	4.7	2.5	.6	.5	.3											162	162	256	257
72/ 71	.3	4.7	3.4	.8	.2	.1												89	89	183	199
70/ 69		2.0	1.2	.4	.9	.3												45	45	105	151
68/ 67		1.0	1.0	.2	.3													23	23	62	94
66/ 65		.1	.3	.1	.2	.1												8	8	33	52
64/ 63			.1	.1	.1													3	3	18	23
62/ 61																				16	22
60/ 59																				7	10
58/ 57																				2	14
56/ 55																				1	10
54/ 53																					6
50/ 49																					3
TOTAL	1.3	30.3	37.3	19.0	7.6	3.5	.8	.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.	6503763	77275	83.1	9.445	930							
Dry Bulb	5361805	70523	75.8	3.877	930			91.9	76.2	15.8		93
Wet Bulb	4843006	67024	72.1	3.692	930			85.3	50.3	.1		93
Dew Point	4609787	65343	70.3	4.487	930			79.0	34.6			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | AUG MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
102/101										.0		.0		.0				4	4		
100/ 99										.0	.1	.1	.0					13	13		
98/ 97									.0	.2	.2	.0	.0					31	31		
96/ 95							.0	.1	.3	.3	.1	.0	.0					63	63		
94/ 93							.1	.3	.7	.4	.1	.0						119	119		
92/ 91						.0	.9	1.2	.7	.2	.1							234	234		
90/ 89				.0	.0	.6	1.8	1.5	.6	.1	.1							349	349		
88/ 87			.0		.3	1.5	2.2	.9	.2	.2	.0	.0						400	400		
86/ 85			.0	.3	1.7	2.1	.6	.5	.4	.2	.1							438	438		
84/ 83			.1	1.5	2.4	1.0	.4	.6	.2	.1	.1							480	480	7	2
82/ 81		.0	.8	2.6	1.5	.8	.6	.2	.1	.1	.0							507	507	23	
80/ 79		.3	3.2	2.6	1.0	.4	.3	.2	.0	.1								616	616	365	8
78/ 77		2.3	4.8	1.8	.6	.2	.3	.1	.1									751	751	873	79
76/ 75	.2	6.4	4.4	1.3	.3	.3	.1	.1	.1									983	983	1367	675
74/ 73	1.0	8.3	3.1	1.2	.3	.3	.2	.1										1070	1070	1667	1649
72/ 71	.7	4.9	2.1	.4	.1	.1	.0	.0										624	624	1256	1799
70/ 69	.5	2.9	1.1	.3	.3	.1	.1											391	391	774	1264
68/ 67	.2	1.4	.9	.2	.1	.0	.0											211	211	480	662
66/ 65	.0	.3	.4	.1	.1	.0												71	71	264	426
64/ 63		.2	.3	.2	.0													53	53	152	262
62/ 61		.0	.1	.1	.1													24	24	99	194
60/ 59	.0	.0	.0	.0	.0													7	7	70	135
58/ 57			.0															1	1	25	107
56/ 55																				11	58
54/ 53																				6	49
52/ 51																				1	39
50/ 49																					20
48/ 47																					9
46/ 45																					3
TOTAL	2.6	27.2	21.6	12.4	8.9	7.5	7.7	5.7	3.3	2.0	.8	.2	.0	.0					7440		7440
																		7440		7440	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	45478033	569569	76.6	15.875	7440							
Dry Bulb	46291558	584494	78.6	7.082	7440			728.4	605.8	293.6	23.0	744
Wet Bulb	39414597	540597	72.7	4.250	7440			681.2	430.2	14.7		744
Dew Point	36565225	520357	69.9	4.798	7440			613.8	241.3	.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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 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				
82/ 81					.2													2	2		
80/ 79			.2	.3		.1												6	6		
78/ 77		1.2	1.1	.2	.1													24	24		
76/ 75	.3	2.6	3.1	.9	.6													67	67	19	9
74/ 73	1.1	7.1	6.2	1.6	.4	.1												149	149	68	43
72/ 71	1.6	7.8	7.1	1.0	.7													163	163	130	102
70/ 69	.6	5.9	6.9	.9	.2	.1												131	131	154	135
68/ 67	.2	2.2	5.6	1.7	.1	.2												90	90	106	123
66/ 65	.2	2.4	3.3	1.1	1.3													76	76	102	78
64/ 63		1.1	3.1	1.3	.6	.1	.1											57	57	74	89
62/ 61		2.0	2.1	.6	.8	.2												51	51	49	55
60/ 59		.7	1.3	1.0	.3													30	30	61	62
58/ 57		.6	1.6	.6														24	24	44	48
56/ 55		.3	.7	.1														10	10	31	28
54/ 53		.1	.8	.4														12	12	30	36
52/ 51			.4															4	4	12	29
50/ 49			.1															1	1	12	25
48/ 47			.1															1	1	5	14
46/ 45																				1	8
44/ 43																					8
42/ 41																					6
TOTAL	4.0	34.1	43.9	11.7	5.3	.9	.1												898		898
																		898		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	6438904	75570	84.2	9.409	898							
Dry Bulb	4274213	61751	68.8	5.577	898			63.3	24.9	.4		90
Wet Bulb	3907381	58971	65.7	6.229	898			47.8	8.7			90
Dew Point	3696940	57240	63.7	7.343	898			41.3	5.2			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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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
80/ 79		.1	.1	.1	.2													5	5		
78/ 77		.6	.2	.1														8	8	1	
76/ 75		2.7	.9	.2														34	34	6	6
74/ 73	.9	7.0	3.1	.3	.2													104	104	50	30
72/ 71	1.3	10.1	6.5	.7	.4													171	171	106	84
70/ 69	1.2	9.0	5.5	.7	.2	.1												150	150	151	127
68/ 67	.2	4.3	3.7	.7		.1												81	81	127	131
66/ 65		5.6	3.5	.6	.1	.1												88	88	63	79
64/ 63		3.0	4.2	1.2	.7													82	82	88	90
62/ 61	.1	2.0	2.4	1.0	.2													52	52	58	65
60/ 59	.2	1.7	1.3	.8	.6	.1												42	42	64	57
58/ 57		.7	1.1	.8	.4													27	27	49	66
56/ 55		.8	1.2	.6														23	23	31	31
54/ 53		.4	.6	.8														16	16	29	27
52/ 51		.2	.9															10	10	24	23
50/ 49		.1	.1															2	2	19	29
48/ 47		.1																1	1	8	15
46/ 45		.1	.1															2	2	2	21
44/ 43																				2	10
42/ 41																					6
40/ 39																					1
TOTAL	4.0	48.6	35.4	8.5	3.1	.4												898	898		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.	6731129	77337	86.1	8.882	898							
Dry Bulb	4098771	60443	67.3	5.826	898			55.4	15.1	.2		90
Wet Bulb	3795830	58090	64.7	6.517	898			44.2	5.7			90
Dew Point	3616468	56580	63.0	7.581	898			37.9	3.6			90

USAFETAC FORM 0-26-5 (OL 3) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE 201 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | SEP MONTH

PAGE 1 | 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
82/ 81			.1	.1	.1													3	3		
80/ 79		.1	.1	.1		.1												4	4		
78/ 77		.9	1.4	.7	.1													28	28	3	2
76/ 75	.4	3.6	2.0	1.0	.2													65	65	13	13
74/ 73	.6	6.4	3.4	1.6	.1													109	109	71	43
72/ 71	1.0	9.4	4.3	1.1	.7													149	149	121	92
70/ 69	1.1	7.0	5.1	1.1	.3													132	132	132	129
68/ 67	.1	3.6	4.2	.8	.4	.3	.1											86	86	99	100
66/ 65		3.3	5.6	1.1	.3	.3	.1											97	97	94	82
64/ 63		3.6	2.2	.6	.6	.2												64	64	93	85
62/ 61		1.4	2.8	.9	.6													51	51	65	77
60/ 59		2.0	1.1	.8	.1	.1												37	37	52	53
58/ 57		.8	.9	.7	.4													25	25	50	64
56/ 55		.7	.9	.9														22	22	28	34
54/ 53		.3	1.1	.3	.1													17	17	28	26
52/ 51			.2															2	2	18	24
50/ 49		.1	.4	.1														6	6	19	15
48/ 47		.1	.1															2	2	8	20
46/ 45			.1															1	1	4	22
44/ 43																				1	10
42/ 41																				1	5
40/ 39																					4
TOTAL	3.2	43.3	36.2	11.8	4.1	1.1	.2												900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Ref. Hum.	6586379	76517	85.0	9.491	900							
Dry Bulb	4188694	61156	68.0	6.066	900			57.6	20.9	.5		90
Wet Bulb	3847977	58541	65.0	6.682	900			43.9	8.7			90
Dew Point	3654311	56923	63.2	7.754	900			37.9	5.8			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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70, 74-78 (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
90/ 89						.3	.1	.3										7	7		
88/ 87					.1	.6	.3	.4										13	13		
86/ 85				.1	1.1	2.8	1.4	.2	.1									52	52		
84/ 83			.1	1.4	3.0	2.2	.9	.3	.3	.1								76	76		
82/ 81			.4	3.1	2.9	1.6	1.3	1.0	.2									95	95		
80/ 79	.1	.1	2.1	2.8	2.1	2.4	1.1	1.1	.6		.1							113	113	9	1
78/ 77		2.0	2.1	2.8	3.1	1.2	1.2	.3	.2	.2								119	119	44	3
76/ 75		.6	3.3	1.9	1.8	1.2	1.0	.4	.6	.4								101	101	133	43
74/ 73	.2	1.4	2.0	2.3	1.6	1.2	.6	.4	.2									90	90	130	90
72/ 71	.4	.9	1.8	.7	1.3	.2	.4	.4	.3									59	59	109	119
70/ 69	.1	.9	1.2	.9	.8	1.2	.4	.4	.2									56	56	105	115
68/ 67		.4	1.6	.8	.4	.4	.4	.1										38	38	89	88
66/ 65		.6	1.2	.7	.6	.4	.3	.2										36	36	66	68
64/ 63		.3	.4	.7	.3	.1		.1										18	18	59	69
62/ 61		.1	.2	.2	.2	.3												10	10	38	58
60/ 59		.1	.2		.2		.1											6	6	40	54
58/ 57		.3	.1	.1	.1	.1												7	7	35	41
56/ 55		.1																1	1	19	31
54/ 53		.1	.1	.1														3	3	12	26
52/ 51																				6	25
50/ 49																				3	18
48/ 47																				3	11
46/ 45																					21
44/ 43																					7
42/ 41																					8
40/ 39																					1
38/ 37																					1
36/ 35																					2
TOTAL	.9	8.0	17.0	18.6	19.7	16.4	9.8	6.0	2.8	.8	.1							900	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.	4444436	61928	68.8	14.277	900							
Dry Bulb	5253294	68512	76.1	6.489	900			81.9	66.6	30.9		90
Wet Bulb	4298633	61933	68.8	6.393	900			61.9	31.6	.1		90
Dew Point	3820892	58166	64.6	8.284	900			45.9	13.7			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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70, 74-78 YEARS | SEP 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
96/ 95										.1								1	1		
94/ 93							.1	.3	.2	.1		.2						9	9		
92/ 91						.1	.1	.9	1.7	.8	.1							33	33		
90/ 89					.2	.1	1.9	2.6	1.9	.3	.1	.1	.1					66	66		
88/ 87				.1	.3	1.4	4.6	1.8	1.7	.2	.2	.2	.1					96	96		
86/ 85			.1	.1	.8	4.2	3.1	2.2	2.6	.8	.7		.1					132	132		
84/ 83				.1	2.8	2.3	1.3	1.8	2.8	1.7	.2	.1	.1					119	119	2	
82/ 81				.8	1.1	2.2	3.2	1.8	.6	.9	.4	.2						101	101	5	
80/ 79			.3	1.0	1.0	1.3	.9	.7	1.1	.7	.2	.1						66	66	19	5
78/ 77		.6	.6	.8	1.7	.6	1.0	.6	.7	.8	.3							67	67	68	4
76/ 75		.6	1.0	1.9	1.6	.6	.1	.9	.7	.2	.4							71	71	159	24
74/ 73		.3	.9	.8	.1	.3	1.1	.2	.2	.4								40	40	119	69
72/ 71	.1	.7	.8	.1	.4	.1	.4	.1	.3	.4								32	32	100	115
70/ 69	.2	.1	.3	.1	.1	.6	.4		.1									18	18	126	121
68/ 67		.1	.4	.4	.2	.1	.3											15	15	86	96
66/ 65			.8	.6	.2	.1	.2	.2										19	19	53	89
64/ 63		.2				.1	.1	.1										5	5	34	60
62/ 61		.2	.1			.1												4	4	50	54
60/ 59		.2	.1															3	3	33	49
58/ 57		.2																2	2	19	46
56/ 55		.1																1	1	16	39
54/ 53																				7	34
52/ 51																				3	25
50/ 49																				1	16
48/ 47																					16
46/ 45																					6
44/ 43																					14
42/ 41																					9
40/ 39																					6
38/ 37																					3
TOTAL	.3	3.3	5.4	6.8	10.6	14.3	19.0	14.1	14.4	7.4	2.8	1.0	.4					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.	3162297	51647	57.4	14.860	900							
Dry Bulb	5992347	73185	81.3	6.769	900			86.6	80.1	59.9	1.0	90
Wet Bulb	4451898	63066	70.1	6.027	900			68.4	37.2	.9		90
Dew Point	3751362	57624	64.0	8.297	900			43.4	10.2	.3		90

USAFETAC FORM 0-26-5 (OL A) 201 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95											.1							1	1		
94/ 93								.1	.1	.4	.2		.1					9	9		
92/ 91					.1		.1	.9	1.6	.7	.3	.1						34	34		
90/ 89					.2	.4	1.0	2.1	3.8	.9	.3	.4	.1					84	84		
88/ 87					.2	.9	2.7	4.2	1.9	.8	.3	.7	.1					106	106		
86/ 85					.9	2.6	2.6	2.0	2.3	.8	1.6	.3	.2					119	119		
84/ 83				.7	1.6	1.9	1.2	1.4	3.2	1.3	.6	.1	.2					110	110	1	
82/ 81			.2	.6	1.1	1.8	2.1	2.0	.7	.9	.4	.3						91	91	3	1
80/ 79		.1	.3	.9	.9	2.2	.3	1.1	1.3	.7	1.0	.1	.2					83	83	12	3
78/ 77		.3	1.2	1.0	1.6	.7	.9	.4	1.0	.6	.4							73	73	60	1
76/ 75		.7	1.0	1.4	1.0	.4	.4	1.0	.2	.1	.1							58	58	125	16
74/ 73	.1	1.0	.9	.7		.4	.6		.2	.6	.1							41	41	146	53
72/ 71		1.1	.9		.1	.7	.4	.2	.4	.1								36	36	120	91
70/ 69		.1	.1	.1	.1	.1	.1	.2	.1	.1								10	10	114	117
68/ 67		.2	.2	.2	.1	.3	.1		.1									13	13	88	113
66/ 65		.4	.6	.2			.3	.1										15	15	62	108
64/ 63		.4		.3	.1	.1												9	9	54	53
62/ 61		.1	.2			.1												4	4	47	58
60/ 59		.1	.2		.1													4	4	27	50
58/ 57																				20	49
56/ 55																				10	48
54/ 53																				9	43
52/ 51																				2	23
50/ 49																					10
48/ 47																					20
46/ 45																					18
44/ 43																					9
42/ 41																					7
40/ 39																					7
38/ 37																					2
TOTAL	.1	4.7	5.9	6.2	8.1	12.7	12.9	15.9	17.0	7.9	5.6	2.1	1.0					900		900	900
																		900		900	

Element (X)	$\Sigma x'$	$\Sigma x'^2$	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3034132	50268	55.9	15.873	900							
Dry Bulb	6037749	73471	81.6	6.669	900			86.8	80.9	59.4	1.0	90
Wet Bulb	4415350	62828	69.8	5.718	900			66.9	34.7	.6		90
Dew Point	3673884	57034	63.4	8.141	900			39.5	7.4	.1		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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70, 74-78 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89							.1	.1	.3									5	5		
88/ 87				.1		.1	.6	.4	.1	.2								14	14		
86/ 85					.4	1.0	1.4	.6	.1									32	32		
84/ 83				.6	1.9	.8	.9	.7	.1	.2	.1							47	47		
82/ 81		.1	.8	2.1	3.1	1.2	.6	.6	.4	.1	.1							82	82	1	
80/ 79			1.6	2.8	2.3	2.0	.9	1.0	.3	.1	.1	.1						101	101	1	1
78/ 77	.1	.3	2.2	3.8	2.9	1.6	.8	.6	.1	.1		.1						113	113	29	2
76/ 75	.1	1.7	3.2	3.4	1.7	1.8	.7	.7	.6	.2								126	126	73	24
74/ 73		2.2	2.6	3.8	1.7	1.9	.8	.3	.1									120	120	152	56
72/ 71	.3	2.7	2.6	1.4	1.3	1.1	.4	.1	.1									91	91	127	123
70/ 69	.2	1.4	1.4	.9	1.2	.6	.6	.1	.1									59	59	121	124
68/ 67		.4	.2	.3	1.0	.7	.3	.1										28	28	107	106
66/ 65		.2	1.1	.6	.7	.2		.1										26	26	73	100
64/ 63		.2	.4	.9	.1	.4												19	19	58	51
62/ 61		.6	.1	.8	.6													18	18	48	64
60/ 59		.3	.3	.1	.3													10	10	38	44
58/ 57		.2	.2	.1	.2													7	7	38	54
56/ 55				.1														1	1	13	38
54/ 53				.1														1	1	14	37
52/ 51																				5	20
50/ 49																				2	19
48/ 47																					11
46/ 45																					13
44/ 43																					7
42/ 41																					4
40/ 39																					2
TOTAL	.8	10.4	16.8	21.9	19.4	13.3	8.0	5.3	2.4	1.0	.3	.2						900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4606829	63075	70.1	14.396	900							
Dry Bulb	5137089	67769	75.3	6.164	900			81.8	64.0	23.6		90
Wet Bulb	4234482	61510	68.3	5.836	900			61.1	25.6	.1		90
Dew Point	3779654	57924	64.4	7.581	900			43.6	8.3	.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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 06-70,74-78 (YEARS) SEP (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
84/ 83						.1												1	1		
82/ 81			.1	.1	.6	.1												8	8		
80/ 79		.1	1.7	1.2	.2	.2	.1	.1										33	33		
78/ 77		1.0	3.9	1.9	1.0	.1												71	71	4	1
76/ 75		2.7	5.7	2.9	.9		.1	.2										112	112	33	8
74/ 73	.4	5.3	6.7	2.8	.9	.2	.2											149	149	103	64
72/ 71	.7	5.1	6.0	1.2	1.4	.9	.1											139	139	140	125
70/ 69	.4	3.3	6.2	3.3	1.8	.7		.1										143	143	144	123
68/ 67		1.7	2.1	1.7	1.3	.3		.1										65	65	93	103
66/ 65		.8	1.7	1.2	.8	.6	.1											46	46	89	95
64/ 63		1.3	1.3	1.7	.7	.1												46	46	78	68
62/ 61		1.0	1.0	1.2	.9													37	37	59	48
60/ 59		.2	.9	.6	.1													16	16	46	68
58/ 57		.2	1.3	.3	.1													18	18	36	41
56/ 55		.1	.3	.3														7	7	32	40
54/ 53			.2	.1														3	3	23	30
52/ 51			.4	.1														5	5	8	33
50/ 49																				5	17
48/ 47			.1															1	1	6	17
46/ 45																				1	9
44/ 43																					7
42/ 41																					3
TOTAL	1.6	22.9	39.7	20.7	10.7	3.3	.7	.6										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.	5878153	72091	80.1	10.734	900							
Dry Bulb	4520614	63584	70.6	5.628	900			72.1	37.4	2.2		90
Wet Bulb	4021251	59905	66.6	6.141	900			51.7	14.0			90
Dew Point	3745949	57681	64.1	7.396	900			42.4	7.3			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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 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				
96/ 95										.0	.0							2	2		
94/ 93							.0	.1	.0	.1	.0	.0	.0					18	18		
92/ 91					.0	.0	.0	.2	.4	.2	.1	.0						67	67		
90/ 89					.1	.1	.4	.6	.8	.2	.1	.1	.0					162	162		
88/ 87				.0	.1	.4	1.0	.9	.5	.2	.1	.1	.0					229	229		
86/ 85			.0	.0	.4	1.3	1.1	.6	.6	.2	.3	.0	.0					335	335		
84/ 83			.0	.3	1.2	.9	.5	.5	.8	.4	.1	.0	.0					353	353	3	
82/ 81		.0	.2	.8	1.1	.9	.9	.7	.2	.2	.1	.1						382	382	9	1
80/ 79	.0	.1	.8	1.2	.8	1.1	.4	.5	.4	.2	.2	.0	.0					411	411	41	10
78/ 77	.0	.9	1.6	1.4	1.3	.5	.5	.2	.3	.2	.1	.0						503	503	209	13
76/ 75	.1	1.9	2.5	1.7	1.0	.5	.3	.4	.3	.1	.1							634	634	561	143
74/ 73	.4	3.9	3.2	1.7	.6	.5	.4	.1	.1	.1	.0							802	802	839	448
72/ 71	.7	4.7	3.7	.8	.8	.4	.2	.1	.2	.1								840	840	953	851
70/ 69	.5	3.5	3.3	1.0	.6	.4	.2	.1	.1	.0								699	699	1047	991
68/ 67	.1	1.6	2.3	.8	.5	.3	.2	.0	.0									416	416	795	860
66/ 65	.0	1.7	2.2	.8	.5	.2	.1	.1										403	403	622	699
64/ 63		1.3	1.5	.8	.4	.2	.0	.0										300	300	538	565
62/ 61	.0	.9	1.1	.6	.4	.1												227	227	414	479
60/ 59	.0	.7	.7	.4	.2	.0	.0											148	148	361	437
58/ 57		.4	.7	.3	.2	.0												110	110	291	409
56/ 55		.3	.4	.3														65	65	180	289
54/ 53		.1	.3	.2	.0													52	52	152	259
52/ 51		.0	.3	.0														21	21	78	202
50/ 49		.0	.1	.0														9	9	61	149
48/ 47		.0	.0															5	5	30	124
46/ 45		.0	.0															3	3	8	118
44/ 43																				3	72
42/ 41																				1	48
40/ 39																					21
38/ 37																					6
36/ 35																					2
TOTAL	1.9	21.9	25.0	13.3	10.1	7.8	6.3	5.2	4.6	2.1	1.1	.4	.2						7196		7196
																		7196		7196	

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.	40882259	528433	73.4	16.991	7196							
Dry Bulb	39502771	529871	73.6	8.220	7196			585.6	390.0	177.2	2.0	720
Wet Bulb	32977802	484844	67.4	6.516	7196			445.9	166.3	1.7		720
Dew Point	29739460	459172	63.8	7.820	7196			331.9	61.5	.5		720

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) OCT (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
78/ 77			.4	.1														5	5		
76/ 75			.5		.1													6	6		
74/ 73		.5	.2		.1	.1												9	9	6	2
72/ 71		.8	.2	.1			.1											11	11	11	10
70/ 69	.1	1.7	2.2	.4	.2	.1												44	44	8	11
68/ 67	.5	3.2	1.2	.8	.5	.1												59	59	44	20
66/ 65	.5	4.6	3.5	.8	.1													89	89	52	54
64/ 63	.6	4.3	3.8	1.0	.4	.2	.2											100	100	73	51
62/ 61	.3	3.4	2.9	1.3	1.0	.3	.2											88	88	92	66
60/ 59	.2	3.1	2.3	1.2	.5	.5												73	73	77	69
58/ 57	.2	2.4	2.2	1.7	.5	.1	.2											68	68	68	72
56/ 55	.2	2.5	2.0	1.5	.8	.2	.2											69	69	61	66
54/ 53		1.4	3.2	1.4	1.0		.1											66	66	55	44
52/ 51		1.4	2.6	1.3	.4	.3												56	56	64	53
50/ 49	.1	1.5	1.9	.6	.2	.2												43	43	71	42
48/ 47		1.0	1.6	.9	.5													37	37	58	56
46/ 45		1.4	1.6	.9	.3													39	39	47	57
44/ 43		.2	1.1	1.1	.2													24	24	36	40
42/ 41		.8	1.3	.4														23	23	33	52
40/ 39		.2	.5	.6														13	13	31	41
38/ 37			.5															5	5	24	22
36/ 35			.3															3	3	10	26
34/ 33																				6	20
32/ 31																				3	16
30/ 29																					22
28/ 27																					10
26/ 25																					4
24/ 23																					4
TOTAL	2.9	34.6	36.1	16.0	7.0	2.3	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.	5973301	73553	79.1	12.961	930							
Dry Bulb	3188751	53899	58.0	8.364	930			13.4	2.0			93
Wet Bulb	2834057	50659	54.5	8.959	930		.3	6.9	.6			93
Dew Point	2553459	47681	51.3	10.825	930		5.6	4.3	.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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) OCT (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
78/ 77			.2															2	2		
76/ 75			.8															7	7		
74/ 73		.2																2	2	3	
72/ 71		.6	.6	.1														13	13	9	5
70/ 69	.1	1.4	1.1															24	24	10	16
68/ 67	.8	2.3	1.8	.1	.2	.1												49	49	35	22
66/ 65	.9	3.8	1.7	1.1	.1	.1	.1											72	72	42	41
64/ 63	.9	6.3	1.8	.4		.1												89	89	52	47
62/ 61	1.1	4.9	1.8	.8	.2	.1												83	83	86	72
60/ 59	1.1	4.0	2.5	.5	.1	.3												79	79	86	62
58/ 57	.2	3.7	3.2	1.1	.8													83	83	59	72
56/ 55		2.2	1.6	2.5	.3	.1												62	62	66	59
54/ 53	.2	1.4	2.7	1.1	.3													53	53	57	46
52/ 51	.4	1.2	2.6	1.4	.3	.2												57	57	47	62
50/ 49	.3	2.0	2.5	1.1	.3	.2												60	60	74	37
48/ 47		1.7	1.9	1.1	.3													47	47	57	43
46/ 45	.1	2.4	1.1	.9	.2													43	43	49	64
44/ 43		1.7	1.1	1.2	.1													38	38	52	57
42/ 41		.5	1.4	.6	.1													25	25	42	43
40/ 39		1.1	1.0	.6														25	25	36	44
38/ 37			.5	.4														9	9	26	24
36/ 35			.5															5	5	15	33
34/ 33			.1															1	1	10	14
32/ 31			.2															2	2	5	25
30/ 29																				2	17
28/ 27																					9
26/ 25																					11
24/ 23																					5
TOTAL	6.0	41.4	32.8	14.9	3.4	1.3	.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.	6350896	76000	81.7	12.282	930							
Dry Bulb	3014798	52336	56.3	8.654	930		.2	9.7	1.1			93
Wet Bulb	2727564	49624	53.4	9.261	930		.7	5.7	.3			93
Dew Point	2492125	47053	50.6	10.955	930		6.7	4.3				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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77		.1	.3															4	4		
76/ 75		.2	.3															5	5	1	
74/ 73		.1	.1	.1														3	3	5	6
72/ 71	.1	1.3	.5															18	18	7	3
70/ 69	.4	1.3	1.5			.2												32	32	18	19
68/ 67	.3	2.2	1.0	.1	.3	.4	.1											41	41	25	18
66/ 65	.9	3.3	1.8	.6	.4			.1										67	67	45	34
64/ 63	1.2	4.4	1.8	1.7	.1	.2												88	88	64	53
62/ 61	1.4	5.3	1.8	.5	.2	.3												89	89	69	68
60/ 59	1.1	4.0	1.4	1.7	.1	.4												81	81	90	54
58/ 57	.3	2.3	1.7	1.4	.6													59	59	74	76
56/ 55	.3	3.4	3.2	1.0	.8	.2												83	83	45	57
54/ 53	.1	1.8	2.0	1.5	.9													59	59	73	42
52/ 51	.1	1.8	3.2	1.0	.3	.2												62	62	59	69
50/ 49	.2	1.9	2.5	1.1	.3													56	56	59	42
48/ 47	.2	1.3	1.6	1.0		.1												39	39	68	57
46/ 45	.1	2.0	2.2	.8	.8													54	54	48	50
44/ 43	.1	1.0	1.4	.9	.1													32	32	51	49
42/ 41	.1	.3	1.1	.6														20	20	41	41
40/ 39		.4	.8	.3	.1													15	15	27	55
38/ 37		.2	.4	.1														7	7	27	27
36/ 35	.1	.3	.5															9	9	12	30
34/ 33		.1	.1															2	2	10	18
32/ 31		.2	.1															3	3	7	16
30/ 29		.1																1	1	3	17
28/ 27																				1	7
26/ 25																					14
24/ 23																					6
22/ 21																					1
TOTAL	7.1	39.5	31.5	14.4	5.1	2.2	.1	.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.	6259712	75320	81.1	12.842	929							
Dry Bulb	3037090	52500	56.5	8.697	929		.4	10.3	1.2			93
Wet Bulb	2732112	49640	53.4	9.265	929		1.1	5.6	.6			93
Dew Point	2487436	46978	50.6	10.978	929		6.1	4.6	.6			93

USAFETAC FORM 0-26-5 (OL A) 20L 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) OCT (MONTH)

PAGE 1 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
88/ 87										.1								1	1		
86/ 85							.1		.1									2	2		
84/ 83								.1	.1		.1							3	3		
82/ 81		.1		.1	.2		.1	.2										7	7	1	1
80/ 79			.1		.4	.8	.6	.3	.1	.1								23	23		
78/ 77			.8	.6	.9	.8	.8	.4	.2	.1								42	42		
76/ 75	.1	.1	.8	1.1	.8	1.3	.4	.8	.2	.3	.1							55	55	5	1
74/ 73		.8	.6	2.2	1.3	1.1	1.3	.3	.2	.1								73	73	13	6
72/ 71	.1	1.0	1.4	1.0	.9	1.3	1.2	.5	.5	.1	.2							76	76	27	12
70/ 69	.2	1.7	2.0	1.4	1.2	1.2	.4	1.0	.3	.3								91	91	55	27
68/ 67	.2	1.1	2.3	.9	1.9	1.2	1.3	.4	.5	.1								92	92	76	42
66/ 65	.6	1.9	1.0	1.8	1.3	.5	1.7	1.4		.3								99	99	82	54
64/ 63	.3	.9	.8	1.2	1.2	.8	1.2	.4	.4	.1								67	67	76	65
62/ 61	.2	1.1	1.0	1.4	1.2	1.3	1.3	.2	.3									74	74	78	64
60/ 59		.9	.8	1.0	1.5	2.3	.9	.4										71	71	80	60
58/ 57		.5	.8	.8	1.1	.5	.5	.4										43	43	63	47
56/ 55		.5	.3	.9	1.0	1.2	.3											39	39	72	55
54/ 53			.4	.1	.6	.5	.5	.1										22	22	61	63
52/ 51			.3	.6	.2	.2	.9											21	21	67	51
50/ 49		.2	.2	.2	.5	.1	.3											15	15	55	40
48/ 47				.1	.1	.4												6	6	32	30
46/ 45					.4	.2												6	6	34	46
44/ 43					.2													2	2	16	52
42/ 41																				15	44
40/ 39																				13	41
38/ 37																				6	30
36/ 35																				3	18
34/ 33																					20
32/ 31																					11
30/ 29																					11
28/ 27																					14
26/ 25																					13
24/ 23																					6
22/ 21																					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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | OCT 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
20/ 19																					2
TOTAL	1.8	10.8	13.4	15.3	16.9	15.6	13.9	7.1	3.1	1.7	.4								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.	3987484	58458	62.9	18.353	930							
Dry Bulb	4113961	61435	66.1	7.737	930			46.5	20.6	2.2		93
Wet Bulb	3239489	54333	58.4	8.378	930			17.7	1.9	.1		93
Dew Point	2648208	48384	52.0	11.874	930		6.1	8.9	.8	.1		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70, 74-78 YEARS | OCT MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
90/ 89						.1					.1		.1					3	3		
88/ 87						.1	.1			.3	.3		.1					9	9		
86/ 85						.2	.1	.3	.4	.5	.2	.2						19	19		
84/ 83					.1	.3	.4	.6	1.5	.4	.1	.1						34	34		
82/ 81					.3	.9	1.6	1.6	1.0	1.3	.4	.1						67	67		
80/ 79			.1	.2	.9	2.7	1.5	1.3	1.6	.9		.2	.1					88	88	1	
78/ 77		.1	.5	.3	2.3	1.2	2.3	2.4	1.6	1.0	.4	.2	.1					115	115	2	
76/ 75		.3	.2	1.0	.6	.8	1.5	1.6	1.2	1.2	1.0	.2						89	89	6	2
74/ 73		.5	.6	.8	.8	.9	1.6	1.4	.4	1.2	.9	.2						86	86	26	6
72/ 71		.2	.9	1.3	1.0	.5	1.1	.5	1.3	.8	.6		.1					77	77	40	15
70/ 69		.4	.5	.2	1.3	.9	.6	1.9	1.3	1.0	.4	.2						82	82	92	20
68/ 67		.2	.5	.3	.2	.4	.6	1.3	1.5	1.1	.3							61	61	87	35
66/ 65		.1	.2	.4	.3	.5	.6	1.6	1.5	.4								54	54	83	59
64/ 63		.6	.4	.4	.4	.2	1.2	.3	.9									42	42	97	54
62/ 61		.4	.1	.4	.5	.5	.4	.8	.4									34	34	87	46
60/ 59		.3			.3	.2	.4	.9	.6	.1								27	27	55	67
58/ 57	.1		.1		.2	.1	.4	.3	.3	.1								16	16	55	75
56/ 55	.1	.3	.2			.1	.5	.4	.1									17	17	62	58
54/ 53								.2										3	3	74	58
52/ 51							.2											2	2	53	56
50/ 49			.2				.2											4	4	35	37
48/ 47			.1															1	1	28	27
46/ 45																				20	28
44/ 43																				13	48
42/ 41																				8	46
40/ 39																				4	36
38/ 37																				2	25
36/ 35																					29
34/ 33																					26
32/ 31																					20
30/ 29																					20
28/ 27																					13
26/ 25																					5
24/ 23																					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												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70, 74-78 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
22/ 21																					2
20/ 19																					5
18/ 17																					1
TOTAL	.2	3.7	4.8	5.4	9.2	10.6	15.7	17.5	15.7	10.2	4.8	1.5	.5					930	930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2584512	46304	49.8	17.332	930							
Dry Bulb	4956752	67526	72.6	7.609	930			73.0	51.0	17.1		93
Wet Bulb	3473346	56350	60.6	7.971	930			25.4	3.5			93
Dew Point	2595115	47817	51.4	12.124	930		7.7	7.8	.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

13849 STATION — SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME — 66-70, 74-78 YEARS — OCT 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
92/ 91												.1						1	1		
90/ 89												.1	.1					2	2		
88/ 87						.2	.1			.1	.6	.3	.1					14	14		
86/ 85					.3		.2		.3	.1	.9	.1						18	18		
84/ 83						.2	.1	.5	1.1	.5	.3	.1						27	27		
82/ 81					.1	.9	2.2	1.1	1.3	1.0	.6	.2	.2					70	70		
80/ 79			.1	.4	.1	2.5	.9	2.4	1.8	1.4	.2	.1	.1					93	93	1	
78/ 77			.2	.3	1.7	1.1	1.8	2.8	1.7	.9	1.5	.4	.2					118	118	4	
76/ 75			.4	1.2	1.2	1.1	2.3	.8	1.5	1.0	1.1	.6	.2					105	105	2	3
74/ 73	.2	.5	.5	1.2	1.5	.5	1.5	1.0	.5	.8	.6	.4						87	87	18	5
72/ 71		.3	.9	.8	.4	.9	.6	1.0	1.5	1.3	.9	.1	.3					83	83	30	7
70/ 69	.1	.2	.2	.2	.3	.8	.3	.8	1.0	1.3	.4							52	52	94	19
68/ 67		.2	1.2	1.4	.3	.6	.5	2.3	1.3	.5	.4							82	82	94	34
66/ 65		.1	.1	.4	.6	.3	1.2	.6	1.5	.3								49	49	95	52
64/ 63		.3			1.1	.5	.4	1.1	.8	.4								43	43	96	54
62/ 61	.2	.2			.4	.2	.2	1.0	.6	.1	.1							29	29	89	54
60/ 59	.1	.3	.2		.1		.3	.6	1.0	.2								27	27	53	54
58/ 57			.1	.1	.2	.1	.4		.1									10	10	61	75
56/ 55		.1	.3				.1	.3	.1									9	9	63	75
54/ 53			.2	.1		.1		.2										6	6	80	47
52/ 51								.1										1	1	43	58
50/ 49			.3				.1											4	4	35	46
48/ 47																				33	25
46/ 45																				17	31
44/ 43																				14	55
42/ 41																				5	34
40/ 39																				2	35
38/ 37																				1	33
36/ 35																					37
34/ 33																					18
32/ 31																					19
30/ 29																					23
28/ 27																					11
26/ 25																					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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
24/ 23																					3
22/ 21																					9
20/ 19																					6
18/ 17																					1
TOTAL	.0	2.4	4.8	6.1	8.5	10.0	13.3	16.5	16.1	9.9	7.7	2.7	1.3					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.	2493670	45232	48.6	17.782	930							
Dry Bulb	5012683	67935	73.0	7.347	930			75.2	53.5	17.6		93
Wet Bulb	3465427	56323	60.6	7.650	930			24.3	2.5			93
Dew Point	2556743	47457	51.0	12.057	930		7.9	6.8	.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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83									.1	.1	.1							3	3		
82/ 81				.1	.1			.2										4	4		
80/ 79			.2			.1	.1	.3		.1								8	8		
78/ 77			.2	.1	.4		1.0		.1									17	17		
76/ 75			1.0	.4	.9	1.2	.2	.3	.1									38	38	4	
74/ 73	.2	.2	1.0	2.3	1.6	1.4	.8	.1										70	70	5	6
72/ 71	.1	.9	4.1	1.7	2.4	1.2	.8	.2	.3	.1	.1							110	110	19	6
70/ 69	.2	1.8	1.9	2.2	1.9	1.1	.5	.5		.1								96	96	46	23
68/ 67		1.0	3.2	1.6	2.8	.6	.5	.3	.3	.1	.1							99	99	80	36
66/ 65	.1	.5	1.4	3.3	.9	.8	1.0	1.1	.1	.1								86	86	86	64
64/ 63		.5	2.2	1.8	1.4	1.1	1.7	.4	.3									88	88	91	53
62/ 61	.2	.8	.1	1.9	1.1	.9	1.0	.1	.1									57	57	94	63
60/ 59		.8	.8	1.6	1.7	1.7	.5	.6										72	72	75	67
58/ 57		.3	1.3	.9	1.9	.4	.3	.2										50	50	52	90
56/ 55		.2	.8	.9	1.3	.9	.1											38	38	58	48
54/ 53		.1	.6	.8	.6	.8	.4											31	31	77	59
52/ 51			.3	.5	1.1	.3	.1											22	22	66	46
50/ 49			.3	.4	.5	.2												14	14	51	43
48/ 47			.3	.3	.8	.2												15	15	35	39
46/ 45			.2	.2	.2	.4												10	10	32	44
44/ 43					.1													1	1	25	46
42/ 41																				16	45
40/ 39				.1														1	1	10	34
38/ 37																				3	27
36/ 35																				5	23
34/ 33																					13
32/ 31																					24
30/ 29																					14
28/ 27																					8
26/ 25																					2
24/ 23																					3
22/ 21																					4
TOTAL	.9	7.1	19.9	21.2	21.7	13.2	9.0	4.5	1.5	.6	.3							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.	4197191	60715	65.3	15.851	930							
Dry Bulb	3987360	60486	65.0	7.584	930			44.5	14.0	.9		93
Wet Bulb	3206678	54078	58.1	8.178	930			15.4	.9			93
Dew Point	2668713	48745	52.4	11.068	930		5.5	7.1	.6			93

USAFETAC FORM 0-26-5 (OL A) 201 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | OCT 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
78/ 77			.6			.1	.1											8	8		
76/ 75			.6		.2	.1												9	9		
74/ 73		.3	.1	.2	.2	.2												10	10	9	6
72/ 71	.2	1.2	1.7	.3	.4	.1												37	37	10	5
70/ 69	.2	2.4	2.9	1.6	.6	.1												73	73	16	17
68/ 67	.2	3.8	4.4	1.5	.3	.5												100	100	58	27
66/ 65		2.8	3.1	2.8	.6	.2	.1											90	90	74	59
64/ 63		1.3	3.6	2.5	.4	.4	.1	.1										78	78	84	60
62/ 61	.2	2.2	2.6	1.9	1.1	.5	.8											86	86	62	54
60/ 59	.1	2.2	2.7	1.6	1.0	1.0	.1		.1									81	81	93	66
58/ 57	.1	.9	2.3	2.2	1.8	.4	.1											72	72	74	89
56/ 55	.2	.9	2.4	2.0	1.0	.4												64	64	55	54
54/ 53		1.2	2.5	1.7	.1	.5	.1											57	57	58	51
52/ 51		.6	2.0	1.1	.6	.2												43	43	66	48
50/ 49		.3	1.1	1.2	.5	.3												32	32	83	59
48/ 47		.2	1.5	1.4	.1													30	30	46	48
46/ 45		.1	.6	.9	.1													16	16	34	38
44/ 43		.1	1.6	.8	.1													24	24	32	52
42/ 41		.1	.4	.3	.1													9	9	30	45
40/ 39			.3	.6														9	9	21	40
38/ 37				.1														1	1	12	28
36/ 35																				6	20
34/ 33																				5	20
32/ 31																				1	15
30/ 29																					18
28/ 27																					3
26/ 25																					3
24/ 23																					3
22/ 21																					1
TOTAL	1.3	20.5	37.1	24.8	9.5	5.3	1.4	.1	.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.	5396882	69772	75.1	12.994	929							
Dry Bulb	3432077	55971	60.2	8.034	929			23.7	2.7			93
Wet Bulb	2972058	51928	55.9	8.651	929		.1	9.3	.9			93
Dew Point	2622735	48357	52.1	10.668	929		4.3	5.5	.6			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70, 74-78 YEARS | OCT 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					
92/ 91												.0							1	1		
90/ 89						.0					.0	.0	.0						5	5		
88/ 87						.0	.0			.1	.1	.0	.0						24	24		
86/ 85					.0	.0	.1	.0	.1	.1	.1	.0							39	39		
84/ 83					.0	.1	.1	.2	.3	.1	.1	.0							67	67		
82/ 81		.0		.0	.1	.2	.5	.4	.3	.3	.1	.0	.0						148	148	1	1
80/ 79			.1	.1	.2	.8	.4	.5	.4	.3	.0	.0	.0						212	212	2	
78/ 77		.0	.4	.2	.7	.4	.7	.7	.5	.2	.2	.1	.0						311	311	6	
76/ 75	.0	.1	.6	.5	.5	.6	.6	.4	.4	.3	.3	.1	.0						314	314	18	6
74/ 73	.1	.4	.4	.8	.7	.5	.6	.3	.1	.3	.2	.1							340	340	85	37
72/ 71	.1	.8	1.3	.7	.6	.5	.5	.3	.5	.3	.2	.0	.1						425	425	153	63
70/ 69	.2	1.4	1.5	.8	.7	.5	.2	.5	.3	.3	.1	.0							494	494	339	152
68/ 67	.3	1.7	1.9	.8	.8	.5	.4	.5	.5	.2	.1								583	583	499	234
66/ 65	.4	2.2	1.6	1.4	.6	.3	.6	.6	.4	.1									606	606	559	417
64/ 63	.4	2.4	1.8	1.1	.6	.4	.6	.3	.3	.1									595	595	643	437
62/ 61	.5	2.3	1.3	1.0	.7	.5	.5	.3	.2	.0	.0								540	540	657	487
60/ 59	.3	1.9	1.3	1.0	.7	.8	.3	.3	.2	.0									511	511	609	499
58/ 57	.1	1.3	1.5	1.0	.9	.2	.3	.1	.1	.0									401	401	506	596
56/ 55	.1	1.3	1.4	1.1	.6	.4	.2	.1	.0										381	381	482	472
54/ 53	.0	.7	1.5	.8	.4	.2	.2	.1											297	297	535	410
52/ 51	.1	.6	1.4	.7	.4	.2	.1	.0											264	264	465	443
50/ 49	.1	.8	1.1	.6	.3	.1	.1												228	228	463	346
48/ 47	.0	.5	.9	.6	.2	.1													175	175	357	325
46/ 45	.0	.7	.7	.4	.3	.1													168	168	281	358
44/ 43	.0	.4	.6	.5	.1														121	121	239	399
42/ 41	.0	.2	.5	.3	.0														77	77	190	350
40/ 39		.2	.3	.3	.0														63	63	144	326
38/ 37		.0	.2	.1															22	22	101	216
36/ 35	.0	.0	.2																17	17	51	216
34/ 33		.0	.0																3	3	31	149
32/ 31		.0	.0																5	5	16	146
30/ 29		.0																	1	1	5	142
28/ 27																					1	75
26/ 25																						59

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-79,74-78 YEARS | OCT 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
24/ 23																						41
22/ 21																						21
20/ 19																						13
18/ 17																						2
TOTAL	2.6	20.0	22.6	14.8	10.2	7.6	6.8	5.7	4.6	2.8	1.7	.5	.2						7438	7438	7438	7438

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.	37243648	505354	67.9	19.777	7438							
Dry Bulb	30743472	472038	63.5	10.242	7438		.6	296.4	146.1	37.8		744
Wet Bulb	24650731	422935	56.9	8.997	7438		2.2	110.3	11.2	.1		744
Dew Point	20624534	382472	51.4	11.346	7438		49.9	49.3	4.4	.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

13849 STATION — SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME — 66-70,74-78 YEARS — NOV 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
74/ 73	.3																	3	3	3	3
72/ 71		.1																1	1		
70/ 69	.1	.4	.2															7	7	4	4
68/ 67	.1	1.0	.1	.3														14	14	7	6
66/ 65	.2	2.0	.7	.1	.1													28	28	14	11
64/ 63	.6	2.8	.9	.7														44	44	23	20
62/ 61	.2	3.1	1.2	.6	.2	.1												49	49	40	18
60/ 59	.1	2.3	1.9	.6	.3	.6	.2	.1										55	55	44	40
58/ 57	.4	3.2	1.4	.9	.6	.2	.1											62	62	49	42
56/ 55	.2	1.7	1.0	1.6	.4	.1												45	45	42	38
54/ 53	.1	1.4	1.0	2.3	.8	.4	.1	.1										57	57	39	41
52/ 51		.9	2.1	1.1	1.0	.1	.3	.1										51	51	32	32
50/ 49		1.2	2.7	1.6	.9	.4	.1											62	62	46	20
48/ 47		3.0	1.	1.6	.6	.3	.3											67	67	63	36
46/ 45	.2	1.0	2.3	1.9	1.2	.1												61	61	67	37
44/ 43		.9	2.2	2.3	.7	.1												56	56	49	47
42/ 41		.6	2.7	1.9	.2													48	48	50	55
40/ 39		1.1	1.7	1.4	.1													39	39	68	37
38/ 37		.3	2.3	1.2	.6													40	40	60	34
36/ 35		1.4	2.7	1.0	.2													48	48	47	49
34/ 33	.1	.2	1.1	.9														21	21	50	63
32/ 31		.7	1.0	.2	.1													18	18	36	38
30/ 29		.3	1.1	.1	.2													16	16	29	57
28/ 27		.1	.2	.1														4	4	18	37
26/ 25				.1														1	1	11	29
24/ 23																				4	26
22/ 21		.1	.1															2	2	2	27
20/ 19		.1																1	1	1	20
18/ 17																				2	11
16/ 15																					9
14/ 13																					4
10/ 9																					4
8/ 7																					2
6/ 5																					1

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

USAFETAC FORM 0-26-5 (OL-A) 2M 84 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70, 74-78 YEARS | NOV MONTH

 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
4/ 3																					1
2/ 1																					1
TOTAL	2.8	30.1	32.3	22.4	8.2	2.6	1.2	.3										900		900	
																			900		900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5040248	65870	73.2	15.618	900							
Dry Bulb	2295122	44524	49.5	10.142	900		4.2	2.5	.3			90
Wet Bulb	1979969	41083	45.6	10.788	900		10.3	1.4	.3			90
Dew Point	1663051	36721	40.8	13.539	900		26.7	1.3	.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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70, 74-78 (YEARS) NOV (MONTH)

 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
74/ 73	.3																	3	3	3	3
70/ 69	.3	.4	.1															8	8	6	6
68/ 67	.8	.2	.1	.2														12	12	9	9
66/ 65	.7	.8	.7															19	19	13	11
64/ 63	.3	1.8	.8	.1														27	27	10	8
62/ 61	.3	3.2	1.2	.4														47	47	39	20
60/ 59	.8	3.4	1.0	.1	.1		.1											50	50	44	53
58/ 57	.6	2.4	1.8	.7	.1	.4	.1											55	55	42	30
56/ 55	.2	2.4	1.4	1.1	.2	.1												50	50	39	39
54/ 53	.2	2.2	1.8	1.2	.3	.3												55	55	39	31
52/ 51	.1	1.4	2.1	.7	.4	.3												46	46	44	35
50/ 49		2.7	.8	1.0	.7	.2	.1											49	49	48	28
48/ 47		2.4	1.1	1.1	.7	.1												49	49	47	35
46/ 45	.1	2.9	2.1	2.3	.3	.2	.1											73	73	45	41
44/ 43	.1	1.8	2.1	1.6	.4	.2												56	56	51	50
42/ 41	.1	1.3	2.6	1.3	.2	.2												52	52	57	32
40/ 39		2.0	2.8	1.0	.1													53	53	71	42
38/ 37		.8	3.3	1.1	.1													48	48	47	29
36/ 35		1.6	2.2	1.3														46	46	57	55
34/ 33		1.7	1.9	1.0														41	41	54	54
32/ 31		1.3	1.3	.4														28	28	39	51
30/ 29		.2	1.7	.1														18	18	43	56
28/ 27		.3	.3	.2														8	8	25	45
26/ 25			.1															1	1	18	31
24/ 23				.2														2	2	3	18
22/ 21			.2															2	2	1	24
20/ 19																				2	26
18/ 17		.2																2	2	2	16
16/ 15																				2	6
14/ 13																					7
10/ 9																					2
8/ 7																					4
4/ 3																					3

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	5.0	37.7	33.6	17.3	3.8	2.2	.4											900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5454406	68792	76.4	14.775	900							
Dry Bulb	2155670	43024	47.8	10.490	900		6.1	2.3	.3			90
Wet Bulb	1902634	40148	44.6	11.146	900		13.5	1.8	.3			90
Dew Point	1638791	36379	40.4	13.683	900		28.9	1.8	.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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70, 74-78 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71	.2	.2																4	4	2	2
70/ 69	.6	.3	.2															10	10	7	7
68/ 67	.3	.1	.2															6	6	6	6
66/ 65	.6	1.3	.9															25	25	11	10
64/ 63	.3	2.2	.7	.1														30	30	23	15
62/ 61	.6	3.0	1.1	.1														43	43	31	27
60/ 59	.6	3.3	.7															41	41	45	34
58/ 57	.4	2.8	1.7		.1	.2												47	47	41	41
56/ 55	.2	2.7	1.7	.9	.4	.2												55	55	30	33
54/ 53	.3	1.6	1.8	1.2	.2													46	46	47	35
52/ 51	.1	1.3	1.8	.7	.3	.1												39	39	29	33
50/ 49	.3	2.3	2.0	1.2	.2													55	55	46	27
48/ 47	.3	1.9	.7	1.3	.6													43	43	56	39
46/ 45	.6	3.0	2.4	1.9	.2													73	73	43	43
44/ 43		1.7	2.2	1.6	.3													52	52	47	43
42/ 41	.1	1.8	2.4	1.8	.2	.2												59	59	58	39
40/ 39	.1	2.0	3.2	1.0	.1	.1												59	59	55	31
38/ 37		1.7	2.7	.8	.4													50	50	68	35
36/ 35		1.6	2.8	1.2														50	50	57	54
34/ 33		1.7	2.8	.2														42	42	47	56
32/ 31		1.0	2.3	.3														33	33	52	50
30/ 29		.6	1.4	.2														20	20	42	44
28/ 27		.3	.2	.1														6	6	27	49
26/ 25		.3	.2															5	5	16	36
24/ 23																				5	25
22/ 21			.3															3	3	2	24
20/ 19			.3															3	3	1	28
18/ 17		.1																1	1	3	12
16/ 15																				3	6
14/ 13																					6
12/ 11																					1
10/ 9																					3
8/ 7																					3
4/ 3																					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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (YEARS) NOV (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
TOTAL	5.7	38.8	36.8	14.7	3.2	.9												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.	5593453	69819	77.6	14.037	900							
Dry Bulb	2107877	42485	47.2	10.670	900		7.1	2.0				90
Wet Bulb	1875998	39814	44.2	11.296	900		15.1	1.5				90
Dew Point	1631131	36275	40.3	13.713	900		29.0	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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 06-70, 74-78 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79									.1									1	1		
78/ 77			.1	.2		.1	.1		.1									6	6		
76/ 75		.1	.1	.1	.2	.2	.1		.1									9	9		
74/ 73		.2	.1	.4	.2	.1	.3		.1									14	14	2	
72/ 71		.7	.6	.4	.6	.4	.3	.2	.1									30	30	10	5
70/ 69		.3	.7	.6	.3	.8	.3	.2										29	29	4	7
68/ 67	.2	.7	1.3	.4	.6	.8	.9	.2										46	46	22	8
66/ 65	.3	2.0	.9	1.1	.6	.8	.6	.2	.2	.2								62	62	22	18
64/ 63	.3	.7	.9	1.0	.6	.9	.7	.6		.1								51	51	49	28
62/ 61	.3	1.3	1.8	.7	1.0	1.0	.3	.3	.1	.1								63	63	31	31
60/ 59		1.4	.9	1.0	1.1	1.0	1.2	1.2										71	71	60	28
58/ 57	.3	1.3	1.0	.9	1.2	1.1	1.1	.8	.1									71	71	50	42
56/ 55		1.1	1.1	.7	.9	1.3	.9	.6										59	59	51	38
54/ 53		.2	.9	.9	1.3	1.6	.6	.3										52	52	47	37
52/ 51		1.0	1.4	.9	1.1	1.6	.7	.1										61	61	48	34
50/ 49	.1	1.0	.3	1.0	2.1	1.6	.6	.1										61	61	67	38
48/ 47	.2	.3	.3	1.7	1.0	1.0	.3	.2										46	46	61	40
46/ 45		.6	.7	1.7	.9	1.0	.8											50	50	55	44
44/ 43		.3	.8	.6	1.1	1.0	.2											36	36	58	36
42/ 41	.1	.6	.6	.8	1.1	.6												33	33	75	35
40/ 39		.1	.3	.8	.9	.1												20	20	50	39
38/ 37		.1	.2	.4	.2	.1												10	10	38	33
36/ 35			.3	.2		.1												6	6	32	55
34/ 33			.1		.4													5	5	36	48
32/ 31				.1	.1													2	2	15	43
30/ 29				.1	.1													2	2	4	39
28/ 27				.1														1	1	3	35
26/ 25			.1															1	1	4	29
24/ 23				.1														1	1	2	29
22/ 21			.1															1	1	2	14
20/ 19																				1	23
18/ 17																				1	10
16/ 15																					14
14/ 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) 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70, 74-78 (YEARS) NOV (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
12/ 11																					9
10/ 9																					3
8/ 7																					2
6/ 5																					1
4/ 3																					3
TOTAL	2.0	14.1	15.7	16.9	17.7	17.1	10.0	5.1	1.0	.4									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.	3738298	55230	61.4	19.704	900							
Dry Bulb	2905711	50373	56.0	9.800	900		.8	13.5	3.0			90
Wet Bulb	2280511	44345	49.3	10.309	900		3.2	3.8	.2			90
Dew Point	1749049	37529	41.7	14.311	900		25.6	2.0				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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83											.1							1	1		
82/ 81						.1	.1		.1	.4	.2							9	9		
80/ 79				.3	.2	.1	.2	.3	.4	.1								16	16		
78/ 77				.1	.6	.6	1.4	.7	.2	.4	.1							37	37		
76/ 75		.1		.3	.3	.7	.8	1.2	.4	.7	.4							45	45		
74/ 73			.4	.3	.9	.6	.3	1.0	.4	1.1	.2							48	48	6	
72/ 71		.2	.2	.2	1.1	.3	.7	1.0	.7	.7	.7	.1						53	53	5	4
70/ 69	.1	.2	.8	.6	.7	.8	1.4	1.1	1.4	.9	.4							76	76	20	5
68/ 67		.1	.7	.4	.2	.3	1.6	.7	1.6	1.0	.6							64	64	18	14
66/ 65			1.0	.9	.8	.7	1.0	1.2	1.8	.9	.6							79	79	42	11
64/ 63	.2	1.0	1.0	.3	.9	.2	.4	1.0	1.3	.7	.2							66	66	55	18
62/ 61		1.6	.3	.4	.3	.2	1.1	1.2	1.1	.4	.2							63	63	58	30
60/ 59		.4	.4	.6	.1	.4	.7	1.1	1.3	.6	.2							53	53	55	49
58/ 57		.3	.3	.2	.6	.3	1.1	1.3	1.2	.2								51	51	56	39
56/ 55		.1	.2	.4	.1	1.4	.9	1.6	1.0									52	52	73	25
54/ 53		.7	.2		.3	1.6	.9	.8	.3									43	43	49	34
52/ 51	.1	.6		.1	.4	.8	.9	1.3	.1									39	39	56	47
50/ 49		.4			.7	.7	1.0	.7	.2									33	33	62	39
48/ 47			.2	.2	.3	.6	1.2	.1										24	24	59	33
46/ 45		.6	.4	.1	.1	.9	.1											20	20	53	32
44/ 43		.3	.2		.1	.3	.1	.1										11	11	70	31
42/ 41							.1											1	1	53	32
40/ 39		.1	.3			.3	.1											8	8	36	44
38/ 37					.1	.2												3	3	35	33
36/ 35					.1													1	1	20	47
34/ 33					.1													1	1	4	51
32/ 31																				3	45
30/ 29					.2													2	2	7	33
28/ 27																				1	26
26/ 25																				1	39
24/ 23																				1	21
22/ 21																				1	28
20/ 19																					34
18/ 17																					13

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70, 74-78 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
16/ 15																					15
14/ 13																					10
12/ 11																					4
10/ 9																					5
8/ 7																					2
6/ 5																					2
4/ 3																					4
TOTAL	.4	6.8	6.9	5.7	9.3	12.1	16.2	16.5	13.8	6.1	4.0	.1							899		899
																		899		899	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2413889	42811	47.6	20.441	899							
Dry Bulb	3645893	56591	62.9	9.646	899		.2	34.9	15.6	1.7		90
Wet Bulb	2514774	46752	52.0	9.641	899		1.4	4.9	.6			90
Dew Point	1692124	36652	40.8	14.843	899		28.1	2.3				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

13849 STATION — SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME — 66-70,74-78 YEARS — NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83											.3	.1						4	4		
82/ 81							.1	.1		.3								5	5		
80/ 79				.2		.2	.3		.8	.4								18	18		
78/ 77		.2	.1		.1	.9	.9	.2	.2	.3	.3	.1						31	31		
76/ 75			.1	.6	.2	1.6	1.1	.9	.3	1.1	.4							57	57	2	1
74/ 73				.6	.3	.8	1.0	.9	1.4	.6	.4							54	54	4	1
72/ 71		.2	.4	.4	.8	.1	.9	.6	.7	1.1	.9	.2						57	57		4
70/ 69		.9	.2	.2	.8	.2	1.1	1.3	1.7	.9	.3	.2						71	71	18	4
68/ 67		.2	.8	.2	.2	.9	1.1	1.2	1.6	1.0	1.1	.2						77	77	29	8
66/ 65		.4	.8	.7	.2	.7	1.1	.7	.9	1.2	.2							62	62	37	8
64/ 63		.6	.8	.9	.2	.4	.4	1.2	1.0	.7	.1							57	57	57	22
62/ 61		1.3	.4	.9	.3	.1	.7	2.1	1.0	.4	.4							70	70	44	34
60/ 59		.9		.3	.3	.7	1.2	1.3	.8	.9	.2							60	60	53	43
58/ 57		.3	.1		.1	.3	1.0	1.3	1.2	.3								43	43	70	31
56/ 55		.6	.9		.1	.0	1.3	1.6	.7									55	55	67	33
54/ 53		.4			.2	.1	1.0	1.3	.4									41	41	58	30
52/ 51		.3	.1		.9	1.4	.2	1.2	.2									40	40	50	40
50/ 49		.2	.1	.3	.2	1.0	1.1	.6										32	32	56	38
48/ 47			.4	.4	.2	.6	.8	.1										23	23	66	34
46/ 45		.7	.4	.2	.1	.4	.2	.2										21	21	53	44
44/ 43		.2	.1		.1	.2	.3											9	9	79	26
42/ 41						.1	.1											2	2	58	37
40/ 39			.3		.1	.1												5	5	31	39
38/ 37					.1													1	1	34	39
36/ 35						.2												2	2	14	45
34/ 33						.1												1	1	6	33
32/ 31																				6	53
30/ 29																				3	45
28/ 27																					42
26/ 25																				3	30
24/ 23																					18
22/ 21																					31
20/ 19																					25
18/ 17																					21

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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
16/ 15																					12
14/ 13																					13
12/ 11																					2
10/ 9																					3
8/ 7																					3
6/ 5																					3
4/ 3																					2
2/ 1																					1
TOTAL		7.6	6.2	6.0	5.8	13.3	16.1	16.9	12.9	9.4	4.9	.9						898	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.	2323435	41827	46.6	20.452	898							
Dry Bulb	3677792	56836	63.3	9.476	898			37.5	16.9	1.6		90
Wet Bulb	2509528	46712	52.0	9.424	898		1.2	5.3	.6			90
Dew Point	1658870	36286	40.4	14.655	898		30.5	1.8	.2			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

13849 STATION — SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME — 66-70,74-78 YEARS — NOV 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
76/ 75		.1				.1			.1									3	3		
74/ 73		.2	.1	.1	.1	.1	.1	.1										8	8	3	3
72/ 71		.2	1.0	.3	.4	.2	.3			.1								24	24	1	
70/ 69		.8	.6	.7	.9	.9		.1										35	35	6	2
68/ 67	.1	1.2	1.7	.3	1.3	.3	.3	.2	.1									51	51	19	12
66/ 65		.9	1.3	1.2	.6	.3	.4	.3	.3									49	49	24	20
64/ 63	.1	1.2	1.3	1.0	1.0	1.1	.8	.3	.1									63	63	35	17
62/ 61		1.7	.4	1.0	1.9	1.1	1.0	.2	.1									67	67	37	23
60/ 59		1.4	1.3	1.9	1.0	1.6	.6	.4										74	74	66	38
58/ 57		1.2	.6	2.1	1.2	.8	1.1	.1	.1									65	65	39	31
56/ 55	.1	.8	1.2	.6	1.7	1.8	1.1	.3										68	68	46	48
54/ 53	.1	.6	.7	1.0	.6	2.2	1.0	.4										59	59	70	31
52/ 51		.4	.4	1.1	1.9	1.3	1.0	.3										59	59	55	34
50/ 49	.1	.2	.3	1.4	2.0	1.1	.4	.1										52	52	60	46
48/ 47		.1	.8	1.9	1.9	1.1	.6	.1										58	58	48	38
46/ 45		.7	.7	1.2	1.4	1.2	.3											50	50	55	34
44/ 43		.8	.6	1.8	1.3	.6	.3											48	48	77	32
42/ 41		.2	.3	1.1	.9	.3												26	26	66	50
40/ 39		.1	.4	.2	.2	.3												12	12	55	45
38/ 37		.2	.1	.6	.6	.2												15	15	46	38
36/ 35				.2	.2													4	4	40	57
34/ 33			.1	.2	.1													4	4	19	48
32/ 31				.2	.1													3	3	13	43
30/ 29					.1													1	1	9	45
28/ 27																				5	37
26/ 25																				2	22
24/ 23																				2	23
22/ 21																					24
20/ 19																					18
18/ 17																					8
16/ 15																					12
14/ 13																					6
12/ 11																					9
10/ 9																					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) 80 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 06-70,74-78 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
6/ 5																						3
TOTAL	.6	13.1	14.0	20.3	21.5	16.8	9.5	3.2	.9	.1									898		898	898
																			898		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.	3629280	54680	60.9	18.281	898							
Dry Bulb	2865152	50062	55.7	9.100	898		.4	12.1	1.1			90
Wet Bulb	2247824	44056	49.1	9.816	898		3.1	2.9	.3			90
Dew Point	1713378	37232	41.5	13.755	898		25.2	1.7	.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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70, 74-78 YEARS | NOV 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
74/ 73		.3																3	3	3	3
72/ 71		.2	.3															5	5		
70/ 69	.1	1.0	.6															15	15	6	2
68/ 67	.1	.7	.6	.6	.1													18	18	15	12
66/ 65	.1	2.6	1.3	.8	.3													46	46	15	15
64/ 63	.6	1.1	.5	1.2	.7	.1												41	41	31	25
62/ 61		1.9	1.1	.9	.6	.6		.2										47	47	30	16
60/ 59		3.0	2.3	.6	.2	1.0	.2	.1										67	67	39	30
58/ 57	.1	1.9	3.0	1.0	.8	.4												65	65	54	36
56/ 55	.4	.9	1.2	1.6	.8	.2	.4	.1	.1									52	52	55	47
54/ 53		.4	1.8	2.1	1.8	.3	.2	.1										61	61	39	35
52/ 51		1.1	1.3	1.7	2.1	.8	.1	.3										67	67	34	42
50/ 49	.2	.9	2.0	1.8	.8	.4	.7											61	61	55	27
48/ 47		.7	.9	2.5	1.6	.4	.1											55	55	64	36
46/ 45		1.0	2.0	2.0	.9	.7												59	59	51	34
44/ 43		.9	2.1	2.7	.8	.2	.1											61	61	58	29
42/ 41		.2	2.2	1.5	.4	.1												40	40	66	65
40/ 39		.2	2.1	2.0	.4	.2												45	45	70	39
38/ 37		.4	1.7	1.5	.2	.1												35	35	58	29
36/ 35		.2	.8	.6	.3													17	17	48	68
34/ 33		.1	1.3	.6	.2													20	20	41	48
32/ 31			.2	.2	.1													5	5	20	46
30/ 29		.2	.7	.2														10	10	19	54
28/ 27																				15	29
26/ 25																				6	30
24/ 23																				3	25
22/ 21			.1															1	1		29
20/ 19																				1	12
18/ 17																					9
16/ 15																					8
14/ 13																					7
12/ 11																					4
10/ 9																					1
8/ 7																					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

13949 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | NOV MONTH

PAGE 2 | 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
6/ 5																					2
TOTAL	1.7	20.1	30.7	25.8	13.2	5.7	1.9	.9	.1									896	896	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.	4556406	62172	69.4	16.457	896							
Dry Bulb	2458143	46127	51.5	9.658	896		1.6	4.1	.3			90
Wet Bulb	2061792	41958	46.8	10.409	896		6.4	2.4	.3			90
Dew Point	1684923	36917	41.2	13.531	896		25.9	1.7	.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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | NOV MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
84/ 83											.1	.0						5	5		
82/ 81						.0	.0	.0	.0	.1	.0							14	14		
80/ 79				.1	.0	.0	.1	.0	.2	.1								35	35		
78/ 77		.0	.0	.0	.1	.2	.3	.1	.1	.1	.1	.0						74	74		
76/ 75		.0	.0	.1	.1	.3	.3	.3	.1	.2	.1							114	114	2	1
74/ 73	.1	.1	.1	.2	.2	.2	.2	.3	.3	.2	.1							133	133	24	13
72/ 71	.0	.2	.3	.2	.4	.1	.3	.2	.2	.2	.2	.0						174	174	18	15
70/ 69	.2	.6	.4	.3	.3	.3	.4	.3	.4	.2	.1	.0						251	251	71	37
68/ 67	.2	.5	.7	.3	.3	.3	.5	.3	.4	.3	.2	.0						288	288	125	75
66/ 65	.2	1.3	.9	.6	.3	.3	.4	.3	.4	.3	.1							370	370	178	104
64/ 63	.3	1.4	.9	.7	.4	.3	.3	.4	.3	.2	.0							379	379	283	153
62/ 61	.2	2.1	1.0	.6	.5	.4	.4	.5	.3	.1	.1							449	449	310	199
60/ 59	.2	2.0	1.1	.6	.4	.7	.5	.5	.3	.2	.1							471	471	406	315
58/ 57	.2	1.7	1.2	.7	.6	.5	.6	.4	.3	.1								459	459	401	292
56/ 55	.2	1.3	1.1	.8	.6	.8	.6	.5	.2									436	436	403	301
54/ 53	.1	.9	1.0	1.1	.7	.9	.5	.4	.1									414	414	388	274
52/ 51	.0	.9	1.2	.8	1.0	.8	.4	.4	.0									402	402	348	297
50/ 49	.1	1.1	1.0	1.0	.9	.7	.5	.2	.0									405	405	440	263
48/ 47	.1	1.1	.8	1.3	.8	.5	.4	.1										365	365	464	291
46/ 45	.1	1.3	1.4	1.4	.7	.6	.2	.0										407	407	422	309
44/ 43	.0	.9	1.3	1.3	.6	.3	.1	.0										329	329	489	294
42/ 41	.0	.6	1.3	1.0	.4	.2	.0											261	261	483	345
40/ 39	.0	.7	1.4	.8	.3	.2	.0											241	241	436	316
38/ 37		.4	1.3	.7	.3	.1												202	202	386	270
36/ 35		.6	1.1	.6	.1	.0												174	174	315	430
34/ 33	.0	.5	.9	.4	.1	.0												135	135	257	401
32/ 31		.4	.6	.2	.1													89	89	184	369
30/ 29		.2	.6	.1	.1													69	69	156	373
28/ 27		.1	.1	.1														19	19	94	300
26/ 25		.0	.1	.0														8	8	61	246
24/ 23				.0														3	3	20	185
22/ 21		.0	.1															9	9	8	201
20/ 19		.0	.0															4	4	6	186
18/ 17		.0																3	3	8	100

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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 YEARS | NOV MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
16/ 15																				5	82
14/ 13																					55
12/ 11																					29
10/ 9																					22
8/ 7																					18
6/ 5																					12
4/ 3																					16
2/ 1																					2
TOTAL	2.3	21.0	22.0	16.1	10.3	8.8	6.9	5.4	3.6	2.3	1.1	.1						7191	7191		7191
																				7191	

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.	32749415	461201	64.1	20.997	7191							
Dry Bulb	22111360	390022	54.2	11.540	7191		20.4	108.9	37.5	3.3		720
Wet Bulb	17373030	344868	48.0	10.768	7191		54.3	24.0	2.6			720
Dew Point	13431317	293991	40.9	14.014	7191		219.9	14.1	1.4			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

13849 STATION — SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME — 65-70,74-77 YEARS — DEC 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
68/ 67			.1	.1														2	2		
66/ 65		.4	.4	.2														10	10	1	
64/ 63	.3	.5	.2	.2														12	12	11	5
62/ 61	.6	1.4	.4	.2														25	25	16	17
60/ 59	.5	2.4	.6	.2														35	35	23	11
58/ 57	.2	1.8	1.2	.2														32	32	31	29
56/ 55	.5	1.7	.4	.2	.1													28	28	34	39
54/ 53	1.3	1.3	1.2	.4	.3		.1											43	43	36	23
52/ 51	.4	2.6	1.2	.4	.1	.3												47	47	28	35
50/ 49	.3	2.5	.8	.3	1.0	.3	.1											49	49	40	30
48/ 47		1.8	1.2	1.5	.8	.2												51	51	39	26
46/ 45	.2	2.5	1.9	1.5	.3	.2	.3											65	65	27	42
44/ 43	.2	1.5	.9	1.4	.6	.4	.1											48	48	47	24
42/ 41	.5	1.4	1.7	1.2	1.2	.2												58	58	64	38
40/ 39	.1	1.9	1.9	1.2	.3	.1												52	52	47	33
38/ 37		2.3	2.4	2.9	1.2													81	81	52	29
36/ 35		1.4	3.8	1.9	.5													71	71	61	33
34/ 33		1.8	3.0	2.3	.6													72	72	69	36
32/ 31		1.5	3.3	1.9	.2													65	65	91	43
30/ 29		.5	3.3	.5														41	41	66	54
28/ 27		.6	1.5	.4														24	24	59	56
26/ 25		.5	.5	.1														11	11	53	56
24/ 23		.3	.1															4	4	23	33
22/ 21		.2	.1															3	3	7	50
20/ 19		.1																1	1	4	62
18/ 17																				1	46
16/ 15																					31
14/ 13																					17
12/ 11																					17
10/ 9																					8
8/ 7																					6
6/ 5																					1
TOTAL	5.4	33.1	32.3	19.5	7.3	1.8	.6											930	930		930
																				930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5128665	67189	72.2	17.190	930							
Dry Bulb	1813181	39983	43.0	10.070	930		14.9	.2				93
Wet Bulb	1560908	36766	39.5	10.753	930		30.4					93
Dew Point	1263709	31719	34.1	13.992	930		48.0					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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70,74-77 (YEARS) DEC (MONTH)

 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	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		.3																3	3		
64/ 63	.1	1.5	.3	.4	.1													23	23	10	5
62/ 61		1.3	1.0	.3														24	24	16	14
60/ 59	.5	1.8	.1	.1	.1													25	25	21	17
58/ 57	.3	1.5		.4	.2													23	23	28	24
56/ 55	.9	2.0	.2		.1													30	30	26	27
54/ 53	.9	1.5	.4	.2														28	28	30	27
52/ 51	.6	2.2	.9	.5	.1	.1												41	41	28	29
50/ 49	.6	3.0	1.2	.1	.2	.2												50	50	35	27
48/ 47	.1	2.7	.8	.5	.5	.3												46	46	44	34
46/ 45	.3	2.2	1.6	1.2	.4	.1												54	54	37	33
44/ 43	.1	2.2	1.0	.9	.9	.3												49	49	34	28
42/ 41	.2	1.8	2.3	1.1	.6													56	56	48	42
40/ 39	.8	2.9	2.6	1.0	.2													69	69	67	34
38/ 37	.3	2.0	1.7	1.7	.5													59	59	61	31
36/ 35	.1	1.6	2.0	1.5	.1													50	50	48	38
34/ 33		1.6	3.5	1.6	.3													66	66	53	44
32/ 31	.1	3.3	3.5	1.2	.2													78	78	61	47
30/ 29	.1	2.3	3.5	.5	.1													61	61	79	43
28/ 27	.1	1.3	1.7	.2														31	31	69	48
26/ 25		1.5	2.9	.2														43	43	58	57
24/ 23		1.3	.2															14	14	40	43
22/ 21		.4	.2															6	6	31	42
20/ 19		.1																1	1	4	54
18/ 17																				2	52
16/ 15																					32
14/ 13																					27
12/ 11																					11
10/ 9																					11
8/ 7																					9
TOTAL	6.2	42.4	31.7	13.8	4.8	1.1												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.	5489660	69904	75.2	15.914	930							
Dry Bulb	1691006	38416	41.3	10.587	930		23.4					93
Wet Bulb	1483241	35695	38.4	11.039	930		34.4					93
Dew Point	1229868	31260	33.6	13.886	930		47.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70, 74-77 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
72/ 71			.2															2	2		
70/ 69			.1															1	1	1	
68/ 67																				2	1
66/ 65		.4																4	4		2
64/ 63	.2	1.3																14	14	11	6
62/ 61	.3	1.1	1.0															22	22	12	13
60/ 59	1.1	.8	.2	.1														20	20	24	20
58/ 57	.2	.9	.9		.2													20	20	16	12
56/ 55	1.0	1.7		.4														29	29	22	26
54/ 53	.3	1.8	.5	.2	.1													28	28	27	27
52/ 51	.4	1.8	.2	.5	.1													29	29	20	17
50/ 49	1.1	2.8	.9	.2	.1	.1												48	48	43	29
48/ 47	.5	2.9	.6	.3	.3													44	44	39	29
46/ 45	.3	2.9	1.5	.9	.2	.2												56	56	39	39
44/ 43	.4	2.6	1.2	.8	.2	.1												49	49	41	26
42/ 41	.1	1.4	2.0	.5	.5													43	43	41	40
40/ 39	.9	2.7	2.7	.8	.2													67	67	52	36
38/ 37	.9	3.0	1.9	.4	.3													61	61	69	33
36/ 35	.1	2.3	3.5	.9	.3													66	66	53	45
34/ 33		2.4	2.8	1.4														61	61	57	41
32/ 31	.2	3.9	3.0	1.0	.2													77	77	63	50
30/ 29	.2	2.5	3.3	1.4														69	69	70	53
28/ 27	.1	1.9	3.5	.3														55	55	67	60
26/ 25		1.5	1.9	.2														34	34	62	51
24/ 23		1.2	.8															18	18	59	37
22/ 21		.8																7	7	26	40
20/ 19		.5																5	5	8	43
18/ 17		.1																1	1	5	52
16/ 15																				1	36
14/ 13																					27
12/ 11																					10
10/ 9																					14
8/ 7																					13
4/ 3																					2

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

USAFETAC FORM 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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70,74-77 (YEARS) DEC (MONTH)

 0600-0600 (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	8.4	45.1	32.9	10.3	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	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5692969	71361	76.7	15.293	930							
Dry Bulb	1612415	37443	40.3	10.627	930		26.6	.3				93
Wet Bulb	1432903	35021	37.7	11.083	930		36.1	.3				93
Dew Point	1201445	30857	33.2	13.827	930		48.8	.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 65-70, 74-77 YEARS | DEC 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
74/ 73			.2		.1	.1												4	4		
72/ 71			.1	.1	.1	.3												6	6		
70/ 69			.2	.1	.1	.1												5	5	3	
68/ 67		.1	.2	.2	.4	.2												11	11		3
66/ 65	.2	.5	.2	.9	.2													19	19	9	4
64/ 63		1.2	.1	.2	.2	.1	.1		.1									19	19	16	11
62/ 61	.1	.9	.8	.3	.1			.2										22	22	18	14
60/ 59	.4	1.0	.4	.5	.3	.4	.1	.1										31	31	28	14
58/ 57	.8	2.0	.6	.4	.4	.2	.5	.1	.1									49	49	30	25
56/ 55	.6	1.2	.5	1.0	.9	.8	.4	.1										51	51	35	42
54/ 53	.1	1.4	.6	.4	.9	.1	.2	.1	.2									38	38	20	19
52/ 51	.6	1.0	1.0	1.4	.5	.4	.5	.1										52	52	35	33
50/ 49	.5	1.6	1.3	.9	.5	1.0	.5											59	59	37	24
48/ 47		2.3	1.3	1.0	1.3	1.3	.5											71	71	45	14
46/ 45	.1	2.4	1.7	1.3	1.3	1.2	.5											79	79	65	43
44/ 43	.1	1.0	1.8	2.5	1.9	1.2	.2											81	81	58	33
42/ 41	.1	1.7	2.3	1.2	1.3	1.3												73	73	57	40
40/ 39	.1	.9	1.4	1.7	1.4	.3												54	54	76	48
38/ 37	.8	1.2	1.4	2.5	1.4	.2												69	69	88	34
36/ 35		.8	1.1	1.8	1.0	.1												44	44	65	54
34/ 33	.1	.6	.8	2.2	1.4													47	47	65	31
32/ 31		.2	1.2	.9	.2													23	23	61	57
30/ 29		.2	.8	.5														14	14	42	43
28/ 27		.2	.1	.2														5	5	38	48
26/ 25		.1		.1														2	2	28	41
24/ 23		.1	.1															2	2	7	41
22/ 21																				3	47
20/ 19																				1	47
18/ 17																					35
16/ 15																					25
14/ 13																					18
12/ 11																					15
10/ 9																					13
8/ 7																					11

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1384 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 65-70,74-77 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
6/ 5																					3
TOTAL	4.7	22.5	20.2	22.3	16.0	9.4	3.8	.8	.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.	4377979	60955	65.5	10.299	930							
Dry Bulb	2121250	43490	46.8	9.705	930		4.6	2.6	.4			93
Wet Bulb	1723858	38904	41.8	10.187	930		18.0	.3				93
Dew Point	1309006	32310	34.7	14.169	930		44.4	.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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 75-76,74-77 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
80/ 79						.1												1	1		
78/ 77					.3	.2	.3	.2										10	10		
76/ 75				.1	.3	.2	.4		.2									12	12		
74/ 73				.2	.5	.3	.6	.4	.1	.1	.1							23	23		
72/ 71			.1	.2	.8	.3	.8											20	20		
70/ 69			.3		.9	.5	.3	.1	.1									21	21	5	
68/ 67			.1	.3	.4	.5	.5		.2		.1							21	21	8	1
66/ 65		.8	.3	.3	.2	.9	.6	.2	.1	.3	.3							38	38	19	6
64/ 63	.3	.4	.8	.4	.5	.5	.9	.4	.4	.4	.3							51	51	35	14
62/ 61		.4	.4	.2	.9	1.3	.3	.5	.5	.3	.1							47	47	23	16
60/ 59	.2	.9	.6	.4	.2	1.2	.3	1.2	.4	.5								56	56	33	21
58/ 57	.4	.4	.5	.6	.4	.6	.8	1.2	.5	.2								54	54	34	28
56/ 55	.2	1.1	.9	.4	1.0	.8	1.4	1.1	.8	.1								71	71	39	40
54/ 53	.3	.3	.2	.3	.9	1.2	1.0	1.3	.2									53	53	44	24
52/ 51		1.0	.8	.6	.5	1.2	1.8	1.1	.2									67	67	34	24
50/ 49	.2	1.2	.8	.6	1.0	1.4	2.2	1.2	.1									80	80	55	36
48/ 47	.1	1.2	.5	.1	1.8	1.4	1.6	1.1										73	73	58	30
46/ 45	.1	1.0	.9	1.1	1.1	1.7	1.9	.1										73	73	59	38
44/ 43		.3	.2	.2	1.2	1.8	.8											42	42	69	33
42/ 41	.3	.6	.4	.4	.8	1.6	.5											44	44	77	40
40/ 39	.2	.4	.5	.2	.8	1.1												30	30	86	33
38/ 37		.4	.3	.4	.8	.9												26	26	67	37
36/ 35		.8	.1	.1	.3	.2												14	14	72	25
34/ 33			.1		.1													2	2	47	25
32/ 31					.1													1	1	37	40
30/ 29																				17	49
28/ 27																				9	49
26/ 25																				2	44
24/ 23																				1	38
22/ 21																					45
20/ 19																					44
18/ 17																					38
16/ 15																					33
14/ 13																					28

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70,74-77 (YEARS) DEC (MONTH)

PAGE 2 1200-1400 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
12/ 11																						21
10/ 9																						16
8/ 7																						7
6/ 5																						6
4/ 3																						1
TOTAL	2.5	11.2	8.9	7.5	15.7	20.0	17.1	10.1	4.0	2.0	1.0									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.	2984056	48448	52.1	22.256	930							
Dry Bulb	2802540	50214	54.0	9.914	930		.1	10.8	4.6			93
Wet Bulb	2019602	42352	45.5	9.892	930		6.6	1.3				93
Dew Point	1335836	32336	34.8	15.089	930		45.9	.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70,74-77 (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
78/ 77				.1		.2												3	3		
76/ 75					.3	.2	.4	.1	.2									12	12		
74/ 73					.1	.3	.6	.5					.1					16	16		
72/ 71			.2	.2	.4	.5	.3	.4						.1				21	21	1	
70/ 69			.2	.3	.4	.9	.3	.1		.1			.1					23	23	3	
68/ 67			.3	.3	.5	1.0	1.0	.1	.2	.2		.1						35	35	5	1
66/ 65	.5	.5	.5	.9	.5	.6	.4	.3	.6			.1						48	48	19	12
64/ 63		.6		.8	.8	.9	.4	.3	1.2	.2	.6							54	54	24	8
62/ 61	.1	1.0	.5		.9	.5	.9	.4	.2	.6								48	48	29	14
60/ 59	.1	.9	.1	.5	.6	1.2	.3	1.1	1.0	.6	.1							61	61	47	23
58/ 57	.3	.3	.5	.6	.8	.8	1.0	1.1	.2	.5								57	57	34	25
56/ 55	.5	.6	.4	1.0	1.2	.8	1.6	1.7	.2	.2								77	77	32	32
54/ 53	.1	.9	.5	.5	1.0	.9	1.5	2.3	.2									73	73	43	20
52/ 51	.2	.4	.2	.8	.2	1.1	1.8	1.3	.2									58	58	45	26
50/ 49	.1	.9	.5	.5	.3	1.6	2.4	1.3	.1									72	72	52	28
48/ 47		1.3	.5	.3	1.4	1.8	2.7	.5	.1									81	81	57	39
46/ 45	.2	.9	.1	.9	1.1	1.9	1.4	.2										62	62	73	47
44/ 43	.2	.8	.2	.1	.6	1.3	1.0											39	39	80	33
42/ 41		1.0	.1	.2	.1	1.8	.5											35	35	64	31
40/ 39		.8	.2	.2	.4	.9												23	23	90	37
38/ 37		.3	.5		.5	.8												20	20	73	39
36/ 35		.4	.2		.1	.2												9	9	66	23
34/ 33		.2			.1													3	3	40	20
32/ 31																				32	35
30/ 29																				12	58
28/ 27																				7	40
26/ 25																				2	60
24/ 23																					32
22/ 21																					33
20/ 19																					47
18/ 17																					43
16/ 15																					43
14/ 13																					25
12/ 11																					15

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70,74-77 (YEARS) DEC (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
10/ 9																					14
8/ 7																					9
6/ 5																					8
TOTAL	2.5	11.7	6.1	8.3	12.5	20.1	18.6	11.8	4.5	<.6	.8	.2	.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.	2906469	47443	51.0	22.877	930							
Dry Bulb	2861006	50842	54.7	9.368	930			11.0	3.1			93
Wet Bulb	2037506	42626	45.8	9.496	930		5.3	.9				93
Dew Point	1327178	32236	34.7	15.028	930		46.2	.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION — SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME — 65-70,74-77 YEARS — DEC 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
72/ 71				.2														2	2		
70/ 69			.2	.2	.1	.1												6	6		
68/ 67	.1	.1	.1	.2	.1	.1												7	7	2	1
66/ 65	.4	.5	.9	.2	.2	.1												22	22	10	6
64/ 63	.1	.9	1.1	.4	.3	.1					.1							28	28	13	9
62/ 61	.2	1.0	1.1	1.1	.4						.1							36	36	19	9
60/ 59	.2	1.0	.4	1.0	.5	.2	.1	.2	.1	.1								36	36	27	20
58/ 57	.0	1.2	.5	.9	.6	.2	.2	.1	.2									43	43	32	34
56/ 55	.3	1.0	1.1	1.7	.8	.4	.5	.1	.3									58	58	37	20
54/ 53	.5	1.7	1.9	1.0	.9	.9	.8	.3	.1									75	75	34	25
52/ 51	.2	.8	1.4	.8	1.5	.5	.5											53	53	43	35
50/ 49	.4	1.2	1.2	1.9	1.4	1.1	.9	.1										76	76	57	35
48/ 47	.4	1.7	.9	2.0	1.7	1.6	.3	.1										82	82	42	46
46/ 45	.1	1.3	.4	1.6	1.8	1.2	.3											63	63	52	43
44/ 43		.6	1.3	1.8	3.0	1.7												79	79	74	26
42/ 41		.3	1.3	2.0	1.7	1.2	.2											63	63	55	33
40/ 39		1.4	1.0	1.8	2.8	.5												70	70	85	33
38/ 37		.8	1.2	1.9	1.1	.3												49	49	63	45
36/ 35		.2	.9	1.2	1.1													31	31	86	31
34/ 33		.3	.8	1.4	.3													26	26	62	29
32/ 31			.3	.8	.3													13	13	58	58
30/ 29		.1	.2	.3	.1													7	7	31	56
28/ 27			.1	.1														2	2	26	43
26/ 25			.1															1	1	16	52
24/ 23																				4	29
22/ 21																					49
20/ 19																					54
18/ 17																					33
16/ 15																					26
14/ 13		.																			20
12/ 11																					8
10/ 9																					12
8/ 7																					6
6/ 5																					2

Element (λ)	$\Sigma x'$	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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70,74-77 (YEARS) DEC (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	3.8	16.1	18.3	24.7	20.9	10.3	3.9	1.0	.8	.1	.2							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.	4069951	58569	63.1	20.072	928							
Dry Bulb	2246440	44898	48.4	8.947	928		2.3	1.5				93
Wet Bulb	1794945	39001	42.9	9.739	928		13.5	.2				93
Dew Point	1335474	32720	35.3	14.005	928		44.9	.1				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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70, 74-77 (YEARS) DEC (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	27 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69			.1															1	1		
68/ 67		.3	.1	.3														7	7		
66/ 65		.1	.3															4	4	5	3
64/ 63	.3	.6	.8	.2														18	18	12	9
62/ 61	.8	1.5	.5	.6														32	32	13	12
60/ 59	.5	1.6	1.4	.1														34	34	32	13
58/ 57	.3	1.7	.6		.3				.1									29	29	29	33
56/ 55	.2	1.1	.9	.2	.3				.1									26	26	30	28
54/ 53	.6	1.9	1.3	.9	.9	.1		.1										54	54	25	26
52/ 51	.6	2.8	1.7	.3	1.3	.3	.5											71	71	38	24
50/ 49	.6	2.4	1.8	.5	1.5	.5	.1											70	70	50	45
48/ 47	.4	1.6	1.1	1.4	1.1	.3	.3	.2										60	60	50	35
46/ 45	.1	2.5	2.2	1.1	.8	.4	.2											67	67	39	36
44/ 43	.1	.6	1.0	1.3	1.2	.9	.1											48	48	61	37
42/ 41		.9	2.6	1.9	1.2	.3	.1											65	65	52	29
40/ 39	.1	1.5	2.5	2.6	1.3	.2												76	76	63	36
38/ 37	.1	1.1	3.3	3.2	.6	.2												80	80	63	32
36/ 35		1.4	2.4	2.4	.6													63	63	68	36
34/ 33		.4	1.6	1.9	.4													41	41	86	39
32/ 31		.3	2.7	1.4	.1													42	42	69	48
30/ 29		.1	1.2	.4	.1													17	17	42	63
28/ 27		.2	1.0	.2														13	13	51	49
26/ 25		.2	.4															6	6	27	48
24/ 23		.1	.1															2	2	18	31
22/ 21		.1																1	1	3	46
20/ 19																				1	58
18/ 17																					45
16/ 15																					28
14/ 13																					8
12/ 11																					14
10/ 9																					7
8/ 7																					8
6/ 5																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 75-70,74-77 YEARS | DEC 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
TOTAL	5.	025.	231.	6	1	111.8	3.3	1.4	.3	.2									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.	4767620	64272	69.3	18.339	927							
Dry Bulb	1965229	41777	45.1	9.437	927		8.1	.8				93
Wet Bulb	1653921	37991	41.0	10.232	927		21.2					93
Dew Point	1304787	32323	34.9	13.854	927		45.5					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

13849 STATION — SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME — 65-70, 74-77 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
80/ 79						.0												1	1		
78/ 77				.0	.0	.1	.0	.0										13	13		
76/ 75				.0	.1	.1	.1	.0	.1									24	24		
74/ 73			.0	.0	.1	.1	.2	.1	.0	.0	.0		.0					43	43		
72/ 71			.1	.1	.2	.1	.1	.1						.0				51	51	1	
70/ 69			.1	.1	.2	.2	.1	.0	.0	.0			.0					57	57	12	
68/ 67	.0	.1	.1	.2	.2	.2	.2	.0	.1	.0	.0	.0						83	83	17	7
66/ 65	.1	.5	.3	.3	.1	.2	.1	.1	.1	.0	.0	.0						148	148	63	33
64/ 63	.2	.9	.4	.3	.2	.2	.2	.1	.2	.1	.1							219	219	132	67
62/ 61	.3	1.1	.7	.3	.3	.2	.1	.1	.1	.1	.0							256	256	146	109
60/ 59	.5	1.3	.5	.4	.2	.4	.1	.3	.2	.2	.0							298	298	235	139
58/ 57	.4	1.2	.6	.4	.4	.2	.3	.3	.1	.1								307	307	234	210
56/ 55	.5	1.3	.6	.6	.5	.3	.5	.4	.2	.0								370	370	255	254
54/ 53	.5	1.4	.8	.5	.6	.4	.4	.5	.1									392	392	259	191
52/ 51	.4	1.6	.9	.7	.6	.5	.7	.3	.1									418	418	271	233
50/ 49	.5	1.9	1.0	.6	.8	.8	.8	.3	.0									504	504	369	254
48/ 47	.2	1.9	.9	.9	1.1	.9	.7	.2	.0									508	508	374	253
46/ 45	.2	1.9	1.3	1.2	.9	.9	.6	.0										519	519	391	321
44/ 43	.1	1.2	.9	1.1	1.2	1.0	.3											435	435	464	240
42/ 41	.2	1.1	1.6	1.1	.9	.8	.2											437	437	458	293
40/ 39	.3	1.6	1.6	1.2	.9	.4												441	441	566	290
38/ 37	.3	1.4	1.6	1.6	.8	.3												445	445	536	280
36/ 35	.0	1.1	1.7	1.2	.5	.1												348	348	519	285
34/ 33	.0	.9	1.6	1.3	.4													318	318	479	265
32/ 31	.0	1.2	1.8	.9	.2													299	299	472	378
30/ 29	.0	.7	1.5	.5	.0													209	209	359	419
28/ 27	.0	.5	1.0	.2														130	130	326	393
26/ 25		.5	.7	.1														97	97	248	409
24/ 23		.4	.2															40	40	152	284
22/ 21		.2	.0															17	17	70	352
20/ 19		.1																7	7	18	409
18/ 17		.0																1	1	8	344
16/ 15																				1	254
14/ 13																					170

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

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70,74-77 (YEARS) DEC (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				
12/ 11																					111
10/ 9																					95
8/ 7																					69
6/ 5																					21
4/ 3																					3
TOTAL	4.	825.	922.	815.	911.	5	8.3	5.7	3.0	1.2	.6	.2	.0	.0	.0				7435		7435
																		7435		7435	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	35417369	488141	65.7	21.287	7435							
Dry Bulb	17113067	347063	46.7	11.078	7435		80.1	27.2	8.1			744
Wet Bulb	13706884	309156	41.6	10.704	7435		165.5	3.0				744
Dew Point	10307303	255761	34.4	14.248	7435		371.3	.7				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

13849 STATION — SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME — (5-70, 74-78) YEARS — ALL 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				
106/105														.0	.0	.0	.0	6	6		
104/103														.0	.0			16	16		
102/101										.0	.0	.0	.0	.0	.0			35	35		
100/ 99										.0	.0	.0	.0	.0	.0			55	55		
98/ 97								.0	.0	.0	.0	.0	.0	.0	.0			117	117		
96/ 95						.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0		236	236		
94/ 93							.0	.1	.2	.1	.1	.1	.0	.0	.0			457	457		
92/ 91					.0	.0	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0		788	788		
90/ 89				.0	.0	.1	.4	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0	1324	1324		
88/ 87			.0	.0	.1	.3	.6	.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	1741	1741		
86/ 85			.0	.1	.3	.6	.4	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0	2102	2102	1	
84/ 83		.0	.0	.3	.5	.5	.3	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0	2321	2321	14	2
82/ 81	.0	.0	.2	.5	.6	.4	.4	.3	.2	.2	.1	.1	.0	.0	.0	.0		2700	2702	101	13
80/ 79	.0	.1	.6	.7	.5	.6	.3	.3	.3	.2	.1	.0	.0	.0	.0			3131	3134	83	37
78/ 77	.0	.4	1.1	.7	.7	.3	.4	.3	.2	.1	.1	.0	.0	.0	.0			3814	3816	2145	249
76/ 75	.1	1.1	1.3	.9	.5	.4	.3	.3	.2	.2	.1	.1	.0	.0	.0			4701	4701	3806	1503
74/ 73	.2	1.9	1.4	.9	.4	.4	.3	.2	.2	.2	.1	.1	.0	.0				5407	5409	5556	3659
72/ 71	.2	1.6	1.6	.6	.5	.3	.2	.2	.2	.2	.1	.0	.0	.0				4911	4914	5661	5214
70/ 69	.2	1.4	1.4	.5	.4	.3	.2	.2	.2	.1	.1	.0	.0					4487	4489	5524	5248
68/ 67	.1	1.1	1.2	.5	.4	.3	.2	.2	.2	.1	.1	.0	.0					3895	3894	5092	4868
66/ 65	.1	1.0	1.0	.6	.3	.2	.2	.2	.2	.1	.1	.0						3619	3621	4430	4665
64/ 63	.1	1.1	.8	.6	.3	.2	.2	.2	.2	.1	.1	.0						3429	3434	4353	4008
62/ 61	.2	1.1	.7	.5	.4	.2	.2	.2	.1	.1	.0	.0						3329	3334	3876	3850
60/ 59	.2	1.0	.7	.5	.3	.3	.2	.2	.2	.1	.0							3184	3185	3847	3707
58/ 57	.1	.8	.7	.4	.4	.2	.2	.2	.2	.1	.0							2872	2874	3424	3559
56/ 55	.2	.8	.6	.5	.3	.3	.3	.2	.1	.0								2841	2841	3195	3314
54/ 53	.1	.7	.6	.4	.3	.3	.2	.2	.1	.0								2637	2641	3190	2912
52/ 51	.1	.6	.7	.4	.3	.3	.2	.2	.0									2487	2490	2713	3000
50/ 49	.2	.6	.5	.4	.3	.3	.3	.1	.0	.0								2488	2488	3078	2559
48/ 47	.1	.6	.5	.5	.4	.3	.2	.1	.0									2335	2335	2714	2379
46/ 45	.1	.7	.5	.5	.4	.3	.2	.0	.0									2322	2322	2572	2535
44/ 43	.1	.5	.5	.5	.4	.3	.1	.0										2078	2079	2717	2259
42/ 41	.1	.5	.6	.4	.4	.2	.1	.0										1947	1947	2470	2317
40/ 39	.1	.5	.6	.5	.3	.2	.0											1914	1914	2693	2194

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

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 65-70,74-78 YEARS | ALL MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
38/ 37	.1	.5	.6	.5	.3	.1	.0											1794	1794	2439	1989
36/ 35	.1	.4	.5	.4	.2	.1												1433	1433	2291	2185
34/ 33	.0	.3	.5	.3	.2	.0												1223	1223	2039	1868
32/ 31	.0	.4	.5	.3	.1	.0												1095	1095	1747	1993
30/ 29	.0	.3	.4	.2	.0	.0												819	819	1509	2141
28/ 27	.0	.2	.3	.1	.0													572	572	1206	1940
26/ 25	.0	.1	.2	.1	.0													379	379	970	1850
24/ 23	.0	.1	.1	.0														217	217	557	1483
22/ 21	.0	.1	.1	.0														132	132	369	1517
20/ 19	.0	.0	.1	.0														82	82	172	1570
18/ 17		.0	.0	.0														38	38	121	1190
16/ 15		.0	.0															33	33	66	989
14/ 13		.0	.0															20	20	38	821
12/ 11		.0	.0															8	8	24	590
10/ 9		.0																5	5	14	425
8/ 7																				5	324
6/ 5																					214
4/ 3																					155
2/ 1																					80
0/ -1																					70
-2/ -3																					48
-4/ -5																					48
-6/ -7																					24
-8/ -9																					5
TOTAL	2.7	20.7	21.0	14.2	10.5	8.3	7.0	5.5	4.2	2.8	1.6	.8	.4	.2	.1	.0	.0	87570	87612	87570	87570

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	428888128	5849948	66.8	20.857	87570							
Dry Bulb	372322599	5531885	63.1	16.215	87612		339.7	4226.6	2896.5	1349.4	92.2	8760
Wet Bulb	298193454	4941042	56.4	14.884	87570		679.1	2874.7	1245.7	35.5		8760
Dew Point	252179135	4425275	50.5	18.057	87570	19.5	1746.2	2080.2	546.4	2.4		8760

USAFETAC FORM 0-26-5 (OL A) 7/1 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70, 74-78 (YEARS)

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	40.4	42.7	51.2	59.2	65.4	71.1	74.7	73.7	68.8	58.0	49.5	43.0	58.2
	S D	11.341	10.188	9.503	7.471	5.971	4.685	3.371	3.639	5.577	8.364	10.142	10.070	14.492
	TOTAL OBS	927	846	930	900	930	900	930	930	898	930	900	930	10951
03-05	MEAN	38.8	40.7	48.9	56.8	63.4	69.3	73.0	72.3	67.3	56.3	47.8	41.3	56.4
	S D	11.600	10.394	9.960	7.748	6.172	4.746	3.191	3.605	5.826	8.654	10.490	10.587	14.691
	TOTAL OBS	927	846	930	900	930	900	930	930	898	930	900	930	10951
06-08	MEAN	37.7	39.6	48.7	57.7	65.3	71.4	74.7	73.5	68.0	56.5	47.2	40.3	56.8
	S D	11.850	10.623	10.150	7.958	6.372	4.999	3.883	4.134	6.066	8.697	10.670	10.627	15.686
	TOTAL OBS	929	846	930	899	930	900	930	930	900	929	900	930	10953
09-11	MEAN	43.1	47.0	57.2	67.3	73.7	79.7	82.5	81.1	76.1	66.1	56.0	46.8	64.8
	S D	11.734	10.653	10.449	8.257	7.049	5.782	5.105	5.402	6.489	7.737	9.800	9.705	16.131
	TOTAL OBS	930	846	930	899	930	900	930	930	900	930	900	930	10955
12-14	MEAN	49.5	54.2	64.1	73.5	78.9	84.6	87.4	85.9	81.3	72.6	62.9	54.0	70.8
	S D	12.451	11.269	11.194	8.899	7.521	6.123	5.563	5.888	6.769	7.609	9.646	9.914	15.644
	TOTAL OBS	930	846	930	900	929	900	930	930	900	930	899	930	10954
15-17	MEAN	51.1	56.1	66.0	75.2	79.6	85.1	87.2	85.6	81.6	73.0	63.3	54.7	71.6
	S D	12.313	10.934	11.060	8.626	7.649	6.691	6.612	6.329	6.669	7.347	9.476	9.368	15.213
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	898	930	10954
18-20	MEAN	45.7	50.2	60.5	69.7	74.5	80.2	82.2	80.6	75.3	65.0	55.7	48.4	65.7
	S D	11.296	9.866	10.242	7.989	7.096	6.279	5.931	5.448	6.164	7.584	9.100	8.947	15.166
	TOTAL OBS	930	846	930	900	929	900	929	930	900	930	898	928	10950
21-23	MEAN	42.3	45.3	54.8	63.0	68.5	74.1	77.0	75.8	70.6	60.2	51.5	45.1	60.8
	S.D	11.306	9.792	9.443	7.258	6.000	4.802	3.915	3.877	5.628	8.034	9.658	9.437	14.461
	TOTAL OBS	930	846	930	900	927	900	929	930	900	929	896	927	10944
ALL HOURS	MEAN	43.6	47.0	56.4	65.3	71.2	76.9	79.8	78.6	73.6	63.5	54.2	46.7	63.1
	S D	12.590	11.938	12.024	10.477	8.994	8.080	7.259	7.082	8.220	10.242	11.540	11.078	16.215
	TOTAL OBS	7433	6768	7440	7195	7435	7200	7438	7440	7196	7438	7191	7435	87612

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13849 STATION — SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME — 65-70,74-78 YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	37.3	38.2	46.5	54.0	61.7	67.1	71.2	71.1	65.7	54.5	45.6	39.5	54.4
	S D	11.855	10.264	9.994	8.024	6.348	4.983	3.034	3.852	6.229	8.959	10.788	10.753	14.893
	TOTAL OBS	927	845	930	900	924	900	930	930	898	930	900	930	10944
03-05	MEAN	36.1	37.0	45.1	52.7	60.6	66.1	70.3	70.1	64.7	53.4	44.6	38.4	53.3
	S D	12.087	10.594	10.408	8.415	6.594	5.172	3.259	3.977	6.517	9.261	11.146	11.039	15.139
	TOTAL OBS	927	846	930	899	923	900	930	930	898	930	900	930	10943
06-08	MEAN	35.4	36.3	45.0	53.3	61.6	67.3	71.2	70.9	65.0	53.4	44.2	37.7	53.5
	S D	12.345	10.852	10.670	8.558	6.529	5.037	3.379	4.071	6.682	9.265	11.296	11.083	15.721
	TOTAL OBS	929	846	930	896	925	900	930	930	900	929	900	930	10945
09-11	MEAN	38.9	40.6	49.5	57.5	65.0	70.4	74.2	74.0	68.8	58.4	49.3	41.8	57.4
	S D	12.099	10.406	10.372	8.166	6.460	5.041	3.435	4.140	6.393	8.378	10.309	10.187	15.145
	TOTAL OBS	930	846	930	896	930	900	930	930	900	930	900	930	10952
12-14	MEAN	42.2	44.0	52.0	59.1	66.3	71.2	75.0	75.0	70.1	60.6	52.0	45.5	59.5
	S D	11.781	9.847	9.974	7.543	6.122	5.010	3.364	3.956	6.027	7.971	9.641	9.892	14.121
	TOTAL OBS	930	846	928	896	929	900	930	930	900	930	899	930	10948
15-17	MEAN	43.0	44.8	52.4	59.2	66.3	71.0	74.5	74.5	69.8	60.6	52.0	45.8	59.6
	S D	11.407	9.233	9.386	7.098	5.764	4.846	3.297	3.687	5.718	7.650	9.424	9.496	13.605
	TOTAL OBS	930	846	930	897	930	900	930	930	900	930	898	930	10951
18-20	MEAN	40.4	42.3	50.5	57.7	65.0	70.1	73.6	73.6	68.3	58.1	49.1	42.9	57.7
	S D	11.430	9.358	9.266	7.228	5.737	4.698	3.327	3.658	5.836	8.178	9.816	9.739	14.237
	TOTAL OBS	930	846	930	897	929	900	929	930	900	930	898	928	10947
21-23	MEAN	38.5	39.9	48.4	55.8	63.3	68.5	72.2	72.1	66.6	55.9	46.8	41.0	55.8
	S D	11.693	9.808	9.551	7.575	6.111	4.764	3.101	3.692	6.141	8.651	10.409	10.232	14.612
	TOTAL OBS	930	846	930	897	926	900	929	930	900	929	896	927	10940
ALL HOURS	MEAN	39.0	40.4	48.7	56.2	63.7	69.0	72.8	72.7	67.4	56.9	48.0	41.6	56.4
	S D	12.110	10.482	10.328	8.205	6.553	5.281	3.675	4.250	6.516	8.997	10.768	10.704	14.884
	TOTAL OBS	7433	6767	7438	7178	7416	7200	7438	7440	7196	7438	7191	7435	87570

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13849 STATION — SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME — 65-70,74-78 YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	31.9	31.1	40.7	49.1	59.1	64.7	69.5	69.7	63.7	51.3	40.8	34.1	50.6
	S D	15.335	13.730	13.448	10.780	7.842	6.089	3.628	4.617	7.343	10.825	13.539	13.992	17.697
	TOTAL OBS	927	845	930	900	924	900	930	930	898	930	900	930	10944
03-05	MEAN	31.2	30.6	40.3	48.7	58.5	64.2	68.9	69.0	63.0	50.6	40.4	33.6	50.0
	S D	15.390	13.925	13.399	10.841	7.902	6.174	3.804	4.724	7.581	10.955	13.683	13.886	17.705
	TOTAL OBS	927	846	930	899	923	900	930	930	898	930	900	930	10943
06-08	MEAN	30.9	30.4	40.4	49.1	59.1	64.9	69.5	69.6	63.2	50.6	40.3	33.2	50.2
	S D	15.526	14.019	13.581	11.132	7.973	6.158	3.953	4.771	7.754	10.978	13.713	13.827	18.023
	TOTAL OBS	929	846	930	896	925	900	930	930	900	929	900	930	10945
09-11	MEAN	32.0	31.1	40.9	49.3	59.5	65.4	70.4	70.8	64.6	52.0	41.7	34.7	51.1
	S D	16.368	14.795	14.867	12.085	8.898	6.845	4.341	5.064	8.284	11.874	14.311	14.169	18.422
	TOTAL OBS	930	846	930	896	930	900	930	930	900	930	900	930	10952
12-14	MEAN	31.8	30.6	39.8	47.8	58.6	64.4	69.6	70.1	64.0	51.4	40.8	34.8	50.4
	S D	17.009	15.127	15.105	12.005	9.003	7.250	4.733	5.008	8.297	12.124	14.843	15.089	18.538
	TOTAL OBS	930	846	928	896	929	900	930	930	900	930	899	930	10948
15-17	MEAN	31.7	30.4	39.0	47.0	58.2	63.9	68.9	69.6	63.4	51.0	40.4	34.7	50.0
	S D	16.870	15.022	14.925	11.925	8.804	7.355	4.809	4.907	8.141	12.057	14.655	15.028	18.378
	TOTAL OBS	930	846	930	897	930	900	930	930	900	930	898	930	10951
18-20	MEAN	32.3	31.4	39.9	47.8	59.1	64.7	69.6	70.4	64.4	52.4	41.5	35.3	50.8
	S D	15.947	14.336	14.046	11.707	8.325	6.898	4.540	4.564	7.581	11.068	13.755	14.005	17.952
	TOTAL OBS	930	846	930	897	929	900	929	930	900	930	898	928	10947
21-23	MEAN	32.2	31.8	41.1	49.5	59.7	65.3	69.9	70.3	64.1	52.1	41.2	34.9	51.1
	S D	15.464	13.632	13.337	10.698	7.936	6.144	3.821	4.487	7.396	10.668	13.531	13.854	17.679
	TOTAL OBS	930	846	930	897	926	900	929	930	900	929	896	927	10940
ALL HOURS	MEAN	31.8	30.9	40.3	48.5	59.0	64.7	69.6	69.9	63.8	51.4	40.9	34.4	50.5
	S D	16.001	14.334	14.114	11.434	8.357	6.647	4.249	4.798	7.820	11.346	14.014	14.248	18.057
	TOTAL OBS	7433	6767	7438	7178	7416	7200	7438	7440	7196	7438	7191	7435	87570

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	96.4	85.9	72.6	56.6	41.3	22.9	73.4	927
	03-05	100.0	100.0	100.0	98.8	90.3	78.2	61.5	42.5	25.9	75.4	927
	06-08	100.0	100.0	100.0	99.0	92.9	80.3	65.1	46.6	29.5	77.2	929
	09-11	100.0	100.0	98.3	87.3	72.9	60.9	47.0	31.8	19.8	67.7	930
	12-14	100.0	98.3	82.2	61.9	49.0	39.9	30.0	20.5	12.0	55.3	930
	15-17	100.0	97.2	75.8	57.3	45.2	36.8	28.5	18.8	10.1	52.5	930
	18-20	100.0	99.9	94.4	79.7	64.4	49.1	39.4	26.7	14.4	62.5	930
	21-23	100.0	100.0	98.8	92.3	79.2	63.0	50.3	35.7	17.7	69.4	930
TOTALS		100.0	99.4	93.7	84.1	72.5	60.1	47.3	33.0	19.0	66.7	7433

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	99.9	99.2	91.2	74.8	56.9	41.4	26.5	10.9	65.8	845
	03-05	100.0	100.0	99.6	94.2	82.5	66.1	44.6	31.0	14.7	69.1	846
	06-08	100.0	100.0	99.6	96.3	85.8	69.9	52.7	33.6	13.7	71.1	846
	09-11	100.0	99.8	91.5	73.9	54.0	40.5	29.6	18.8	8.7	57.2	846
	12-14	100.0	94.1	65.0	44.3	30.9	23.2	17.0	12.6	6.6	44.9	846
	15-17	100.0	86.8	57.3	37.7	29.0	22.9	16.9	12.2	5.2	42.5	846
	18-20	100.0	98.5	81.2	61.7	45.7	33.6	24.9	17.3	7.3	52.6	846
	21-23	100.0	99.6	97.4	83.8	65.4	47.6	33.0	22.3	9.3	61.6	846
TOTALS		100.0	97.3	86.4	72.9	58.5	45.1	32.5	21.8	9.6	58.1	6767

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	98.1	92.8	82.3	66.1	50.5	31.7	14.6	69.4	930
	03-05	100.0	100.0	99.9	95.9	88.1	76.1	61.3	39.9	18.8	73.7	930
	06-08	100.0	100.0	99.8	95.9	88.3	77.5	63.1	44.0	19.1	74.5	930
	09-11	100.0	99.1	90.6	73.9	58.0	43.1	30.0	18.9	8.0	57.9	930
	12-14	100.0	94.3	70.3	46.4	31.5	22.0	14.8	9.9	4.4	45.0	928
	15-17	100.0	88.7	59.2	37.8	28.3	20.3	13.2	8.7	4.2	41.5	930
	18-20	100.0	96.9	81.1	60.3	41.9	28.4	20.5	13.2	7.7	50.6	930
	21-23	100.0	99.6	95.6	86.2	70.4	51.4	33.5	20.4	10.2	62.6	930
TOTALS		100.0	97.3	86.8	73.7	61.1	48.1	35.9	23.3	10.9	59.4	7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	99.6	94.7	86.6	72.6	54.0	33.2	9.6	70.7	900
	03-05	100.0	100.0	99.9	98.6	92.1	80.0	66.2	46.8	15.2	75.8	899
	06-08	100.0	100.0	99.6	97.4	90.5	78.1	62.8	44.8	16.0	74.6	896
	09-11	100.0	99.4	92.6	74.0	54.9	37.6	22.1	12.2	2.3	55.2	896
	12-14	100.0	96.1	72.5	45.9	27.0	18.0	11.2	6.4	1.3	43.4	896
	15-17	100.0	92.8	60.1	36.2	22.1	16.2	11.1	6.4	2.2	40.4	897
	18-20	100.0	97.0	81.4	59.9	41.1	26.3	17.7	10.1	3.9	49.4	897
	21-23	100.0	100.0	98.1	89.4	74.4	55.4	36.2	18.6	5.8	63.5	897
TOTALS		100.0	98.2	88.0	74.5	61.1	48.0	35.2	22.3	7.0	59.1	7178

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13349 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	99.4	97.4	92.7	82.3	60.4	17.9	80.7	924
	03-05	100.0	100.0	100.0	99.9	99.1	95.7	88.4	73.2	24.8	84.4	923
	06-08	100.0	100.0	100.0	99.8	97.4	90.6	79.9	60.2	19.8	80.8	925
	09-11	100.0	100.0	98.4	91.2	74.8	56.5	33.9	15.7	4.1	62.9	930
	12-14	100.0	99.7	93.1	73.0	48.1	27.4	14.4	8.4	2.3	52.2	929
	15-17	100.0	99.2	89.4	66.9	42.6	25.9	16.6	8.9	2.3	50.8	930
	18-20	100.0	99.8	96.7	86.1	68.8	48.5	32.4	18.9	5.1	61.3	929
	21-23	100.0	100.0	99.6	98.6	93.1	82.9	64.0	38.6	9.2	74.4	926
TOTALS		100.0	99.8	97.2	89.4	77.7	65.0	51.5	35.5	10.7	68.4	7416

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13849 — STATION
SHAW AFB SOUTH CAROLINA/SUMTER — STATION NAME
66-70,74-78 — 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	99.7	98.9	95.3	85.4	61.0	10.2	80.7	900
	03-05	100.0	100.0	100.0	100.0	99.3	97.4	90.4	74.6	17.0	84.0	900
	06-08	100.0	100.0	100.0	99.9	98.8	93.0	82.1	60.3	10.6	80.2	900
	09-11	100.0	99.9	99.3	95.0	80.7	56.6	31.8	10.7	.3	63.0	900
	12-14	100.0	99.8	96.8	78.1	53.1	25.2	10.1	3.4	.1	52.3	900
	15-17	100.0	99.7	94.0	70.9	45.9	25.8	12.8	5.7	.8	51.1	900
	18-20	100.0	99.7	98.2	89.2	71.6	50.4	30.7	15.1	2.1	61.2	900
	21-23	100.0	100.0	99.9	99.3	97.1	87.6	66.3	37.7	4.8	74.8	900
TOTALS		100.0	99.9	98.5	91.5	80.7	66.4	51.2	33.6	5.7	68.4	7200

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13849 STATION | SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME | 66-70,74-78 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	98.6	92.5	71.0	21.2	84.2	930
	03-05	100.0	100.0	100.0	100.0	100.0	99.6	96.3	85.4	29.0	87.1	930
	06-08	100.0	100.0	100.0	100.0	99.9	98.4	90.3	71.0	22.5	84.2	930
	09-11	100.0	100.0	100.0	99.7	92.6	71.0	39.0	18.2	2.5	67.8	930
	12-14	100.0	100.0	99.4	96.3	65.9	34.5	14.7	6.6	1.2	56.7	930
	15-17	100.0	100.0	98.3	83.8	58.3	34.8	20.0	11.1	2.8	56.5	930
	18-20	100.0	100.0	99.7	96.3	84.9	63.9	42.9	24.7	5.8	67.4	929
	21-23	100.0	100.0	100.0	100.0	98.9	94.7	79.0	50.1	12.4	79.4	929
TOTALS		100.0	100.0	99.7	96.3	87.5	74.4	59.3	42.3	12.2	72.9	7438

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (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	99.8	98.2	95.2	86.0	34.4	87.3	930
	03-05	100.0	100.0	100.0	100.0	99.7	98.6	96.3	90.2	47.1	89.4	930
	06-08	100.0	100.0	100.0	100.0	99.7	98.5	95.3	82.6	40.9	87.8	930
	09-11	100.0	100.0	100.0	99.5	95.6	81.3	54.0	25.5	4.7	71.7	930
	12-14	100.0	100.0	100.0	95.9	79.5	45.8	20.2	7.1	1.5	60.5	930
	15-17	100.0	100.0	100.0	94.1	70.0	41.8	24.3	13.7	3.2	60.4	930
	18-20	100.0	100.0	100.0	99.2	94.8	77.6	56.1	29.8	8.2	72.3	930
	21-23	100.0	100.0	100.0	100.0	99.9	97.7	90.4	68.1	20.1	83.1	930
TOTALS		100.0	100.0	100.0	98.6	92.4	79.9	66.5	50.4	20.0	76.6	7440

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (PERIOD) SEP (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	99.7	97.9	89.5	70.8	22.3	84.2	898
	03-05	100.0	100.0	100.0	100.0	99.9	98.3	93.5	77.3	30.5	86.1	898
	06-08	100.0	100.0	100.0	100.0	99.7	97.6	91.1	73.4	27.7	85.0	900
	09-11	100.0	100.0	99.9	97.0	87.9	72.3	45.2	23.3	5.4	68.8	900
	12-14	100.0	100.0	98.1	87.8	64.7	36.8	18.9	8.4	2.1	57.4	900
	15-17	100.0	100.0	97.0	84.9	57.7	32.7	18.8	10.1	2.2	55.9	900
	18-20	100.0	100.0	99.7	97.7	89.1	73.3	51.3	26.7	5.8	70.1	900
	21-23	100.0	100.0	100.0	99.9	99.1	93.7	80.8	56.4	13.2	80.1	900
TOTALS		100.0	100.0	99.3	95.9	87.2	75.3	61.1	43.3	13.7	73.5	7196

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13849 — STATION
SHAW AFB SOUTH CAROLINA/SUMTER — STATION NAME
66-70,74-78 — PERIOD
OCT — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	99.7	97.4	89.5	75.4	51.3	17.4	79.1	930
	03-05	100.0	100.0	100.0	100.0	98.8	92.6	80.5	58.2	26.2	81.7	930
	06-08	100.0	100.0	100.0	99.7	98.0	91.7	79.5	57.3	24.2	81.1	929
	09-11	100.0	100.0	98.0	87.4	70.4	52.0	35.6	21.6	7.7	62.9	930
	12-14	100.0	99.6	88.2	65.2	41.7	25.7	13.1	7.4	1.7	49.8	930
	15-17	100.0	98.9	84.4	60.5	39.5	24.2	13.0	6.8	1.5	48.6	930
	18-20	100.0	100.0	98.5	93.1	80.1	61.8	37.8	19.6	4.1	65.3	930
	21-23	100.0	100.0	99.9	99.6	95.0	85.5	65.9	36.6	9.5	75.1	929
TOTALS		100.0	99.9	96.1	88.2	77.6	65.4	50.1	32.4	11.5	68.0	7438

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13R49 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 66-70,74-78 (PERIOD) NOV (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	99.1	97.2	91.9	78.9	55.9	34.6	14.6	73.2	900
	03-05	100.0	100.0	99.9	98.6	94.7	84.4	65.9	44.3	18.9	76.4	900
	06-08	100.0	100.0	99.9	99.7	96.9	86.3	67.3	45.9	19.7	77.6	900
	09-11	100.0	100.0	96.2	83.3	65.0	46.7	33.9	21.3	8.3	61.4	900
	12-14	100.0	97.6	77.3	52.6	35.4	25.5	17.7	10.8	2.8	47.6	899
	15-17	100.0	96.8	76.2	50.9	33.7	23.4	16.3	10.4	2.4	46.6	898
	18-20	100.0	100.0	96.9	85.4	67.1	47.2	30.5	17.9	5.6	60.9	898
	21-23	100.0	100.0	99.0	94.6	87.2	69.6	47.3	27.2	9.7	69.4	896
TOTALS		100.0	99.3	93.1	82.8	71.5	57.8	41.9	26.6	10.3	64.1	7191

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70,74-77 (PERIOD) DEC (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	99.7	96.6	88.3	72.5	52.7	37.1	17.1	72.2	930
	03-05	100.0	100.0	100.0	98.6	92.3	80.0	59.5	42.6	19.5	75.2	930
	06-08	100.0	100.0	100.0	98.0	94.5	84.7	63.5	47.4	21.8	76.7	930
	09-11	100.0	100.0	97.5	87.0	72.5	56.7	41.4	28.4	14.4	65.5	930
	12-14	100.0	98.0	82.9	61.4	44.0	31.0	22.7	15.4	8.3	52.1	930
	15-17	100.0	96.9	79.0	56.9	43.3	30.0	21.4	15.9	9.0	51.0	930
	18-20	100.0	99.5	96.9	85.1	69.2	52.0	36.2	22.0	12.0	63.1	928
	21-23	100.0	100.0	98.9	94.0	82.0	65.7	48.3	31.0	15.1	69.3	927
TOTALS		100.0	99.3	94.4	84.8	73.3	59.1	43.2	30.0	14.7	65.6	7435

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 65-70,74-78 (PERIOD) ALL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.4	93.7	84.1	72.5	60.1	47.3	33.0	19.0	66.7	7433
FEB		100.0	97.3	86.4	72.9	58.5	45.1	32.5	21.8	9.6	58.1	6767
MAR		100.0	97.3	86.8	73.7	61.1	48.1	35.9	23.3	10.9	59.4	7438
APR		100.0	98.2	88.0	74.5	61.1	48.0	35.2	22.3	7.0	59.1	7178
MAY		100.0	99.8	97.2	89.4	77.7	65.0	51.5	35.5	10.7	68.4	7416
JUN		100.0	99.9	98.5	91.5	80.7	66.4	51.2	33.6	5.7	68.4	7200
JUL		100.0	100.0	99.7	96.3	87.5	74.4	59.3	42.3	12.2	72.9	7438
AUG		100.0	100.0	100.0	98.6	92.4	79.9	66.5	50.4	20.0	76.6	7440
SEP		100.0	100.0	99.3	95.9	87.2	75.3	61.1	43.3	13.7	73.5	7196
OCT		100.0	99.8	96.1	88.2	77.6	65.4	50.1	32.4	11.5	68.0	7438
NOV		100.0	99.3	93.1	82.8	71.5	57.8	41.9	26.6	10.3	64.1	7191
DEC		100.0	99.3	94.4	84.8	73.3	59.1	43.2	30.0	14.7	65.6	7435
TOTALS		100.0	99.2	94.4	86.1	75.1	62.1	48.0	32.9	12.1	66.7	87570

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

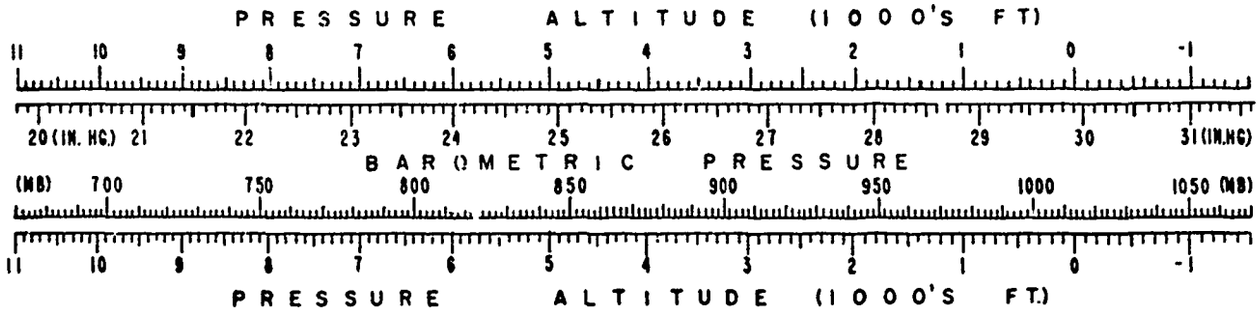
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

13849 (STATION) SHAW AFB SOUTH CAROLINA/SUMTER (STATION NAME) 05-70,74-78 (YEARS)

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	29.841	29.790	29.770	29.769	29.724	29.730	29.745	29.770	29.757	29.806	29.812	29.807	29.777
	S D	.203	.196	.200	.168	.145	.115	.103	.090	.114	.149	.186	.211	.165
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	300	310	3651
04	MEAN	29.841	29.779	29.756	29.760	29.714	29.718	29.733	29.756	29.745	29.800	29.807	29.807	29.768
	S D	.202	.200	.205	.170	.147	.116	.104	.090	.115	.152	.188	.212	.168
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	300	310	3651
07	MEAN	29.858	29.804	29.792	29.801	29.749	29.751	29.763	29.786	29.777	29.830	29.833	29.826	29.798
	S D	.203	.206	.210	.176	.152	.116	.105	.092	.118	.154	.191	.214	.170
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
10	MEAN	29.898	29.836	29.821	29.817	29.762	29.763	29.777	29.807	29.797	29.854	29.862	29.861	29.821
	S D	.206	.211	.213	.181	.155	.118	.105	.093	.119	.159	.195	.217	.174
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
13	MEAN	29.840	29.788	29.777	29.775	29.729	29.735	29.752	29.778	29.762	29.805	29.804	29.799	29.779
	S D	.206	.209	.212	.177	.153	.118	.105	.091	.120	.156	.190	.219	.171
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	29.813	29.743	29.725	29.725	29.686	29.696	29.712	29.736	29.720	29.771	29.773	29.776	29.740
	S D	.202	.205	.205	.173	.150	.120	.105	.088	.119	.150	.186	.210	.168
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	298	310	3650
19	MEAN	29.837	29.763	29.740	29.733	29.692	29.701	29.717	29.743	29.731	29.793	29.797	29.800	29.754
	S D	.200	.203	.197	.166	.143	.117	.101	.087	.116	.146	.185	.205	.166
	TOTAL OBS	310	282	310	300	310	300	309	310	300	310	299	309	3649
22	MEAN	29.852	29.788	29.775	29.771	29.731	29.738	29.752	29.778	29.763	29.819	29.815	29.815	29.783
	S D	.204	.197	.199	.164	.142	.115	.102	.087	.116	.146	.187	.205	.164
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	299	309	3650
ALL HOURS	MEAN	29.847	29.786	29.770	29.769	29.723	29.729	29.744	29.769	29.757	29.810	29.813	29.811	29.777
	S.D	.204	.205	.207	.174	.150	.119	.106	.092	.119	.153	.190	.213	.170
	TOTAL OBS	2478	2256	2480	2400	2480	2400	2479	2480	2400	2480	2396	2478	29207

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13849 STATION — SHAW AFB SOUTH CAROLINA/SUMTER STATION NAME — 65-70,74-78 YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	1020.1	1018.2	1017.4	1017.3	1015.7	1015.8	1016.4	1017.2	1016.9	1018.6	1018.9	1018.9	1017.0
	S D	7.002	6.730	6.875	5.782	4.969	3.896	3.507	3.069	3.940	5.188	6.408	7.276	5.709
	TOTAL OBS	309	281	310	300	310	300	310	310	300	310	300	310	3650
04	MEAN	1020.1	1017.8	1016.9	1017.0	1015.4	1015.5	1016.0	1016.8	1016.5	1018.4	1018.7	1018.9	1017.3
	S D	7.016	6.876	7.065	5.857	5.039	3.928	3.539	3.072	3.945	5.264	6.471	7.340	5.800
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	300	310	3651
07	MEAN	1020.7	1018.7	1018.2	1018.4	1016.6	1016.6	1017.0	1017.8	1017.5	1019.4	1019.7	1019.5	1018.3
	S D	7.035	7.079	7.230	6.043	5.212	3.948	3.571	3.130	4.034	5.342	6.571	7.396	5.870
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
10	MEAN	1022.0	1019.8	1019.2	1019.0	1017.0	1016.9	1017.5	1018.5	1018.2	1020.3	1020.6	1020.7	1019.1
	S D	7.152	7.233	7.328	6.223	5.315	4.027	3.587	3.141	4.099	5.484	6.699	7.512	6.037
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
13	MEAN	1020.0	1018.2	1017.7	1017.5	1015.8	1016.0	1016.6	1017.5	1017.0	1018.6	1018.6	1018.6	1017.7
	S D	7.147	7.182	7.277	6.079	5.241	4.027	3.585	3.079	4.119	5.417	6.554	7.553	5.909
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	1019.1	1016.6	1015.9	1015.8	1014.4	1014.7	1015.3	1016.1	1015.6	1017.4	1017.6	1017.8	1016.4
	S D	6.978	7.032	7.023	5.933	5.091	4.076	3.567	2.973	4.106	5.202	6.405	7.257	5.801
	TOTAL OBS	310	282	310	300	309	300	310	310	300	310	298	310	3649
19	MEAN	1020.0	1017.3	1016.4	1016.1	1014.6	1014.9	1015.4	1016.3	1016.0	1018.2	1018.4	1018.6	1016.7
	S D	6.922	6.978	6.777	5.707	4.917	3.937	3.457	2.954	3.976	5.068	6.392	7.067	5.742
	TOTAL OBS	310	282	310	300	310	300	309	310	300	310	299	308	3648
22	MEAN	1020.4	1018.2	1017.6	1017.4	1016.0	1016.1	1016.6	1017.5	1017.0	1019.1	1019.0	1019.2	1017.8
	S D	7.060	6.771	6.803	5.656	4.864	3.915	3.488	2.961	3.985	5.051	6.446	7.069	5.656
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	299	309	3650
ALL HOURS	MEAN	1020.3	1018.1	1017.4	1017.3	1015.7	1015.8	1016.4	1017.2	1016.8	1018.7	1018.9	1019.0	1017.6
	S D	7.072	7.033	7.106	5.987	5.142	4.031	3.604	3.134	4.097	5.308	6.540	7.344	5.873
	TOTAL OBS	2478	2255	2480	2400	2479	2400	2479	2480	2400	2480	2396	2477	29204

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