AD-A122 710 MAXWELL AFB ALABAMA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIO..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 24 AUG 82 1/5

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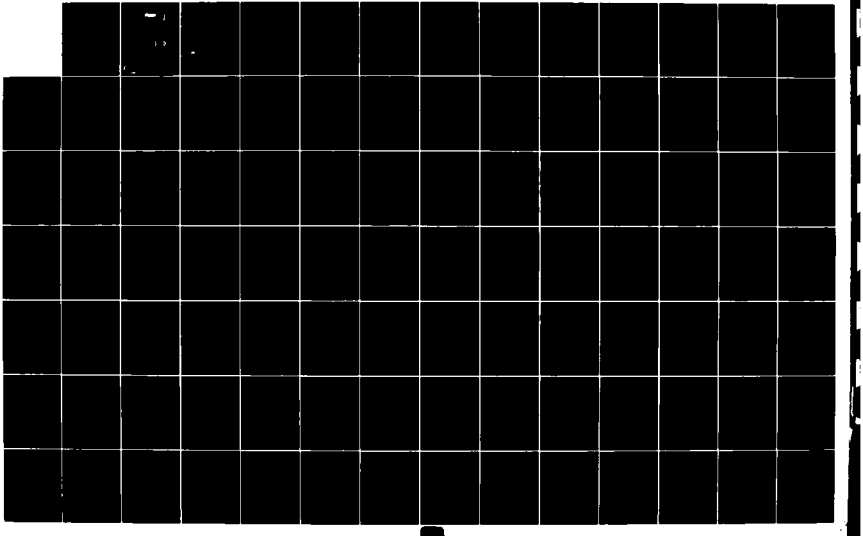

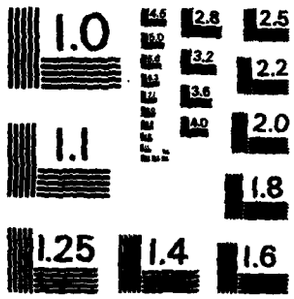

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REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

MAXWELL AFB AL MSC #722265
N 32 23 W 086 22 FLD ELEV 168 FT MIF

PARTS A-F
POR FROM HOURLY OBS: JAN 73 - DEC 81

POR FROM DAILY OBS: FEB 37 - DEC 41, SEP 42 - JUL 56,
JAN 64 - DEC 81

TIME CONVERSION GMT TO LST: -6

AUG 24 1982

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WAYNE E. MCCOLLOM
Chief, Technical Information Section
USAFETAC/TST

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4. TITLE (and Subtitle): Revised Uniform Summary of Surface Weather Observations (RUSSWO)- MAXWELL AFB, ALABAMA		5. TYPE OF REPORT & PERIOD COVERED: Final rept.
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18. SUPPLEMENTARY NOTES

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

*RUSSWO	Daily temperatures	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometeric 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 MAXWELL AFB, ALABAMA

It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

DD FORM 1 JAN 73 1473

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

ALABAMA MAXWELL AFB, ALABAMA

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 occurance or cumulative percentage frequency of occuring tables.

1. In April 1972 the observing hours at Maxwell AFB, were reduced from 24 hours/day to 17 hours/day. In April 1978 the observing hours were changed to 18 hours/day (05-23LST). The effect may not be intuitively obvious at first, but these limited observations do affect almost every part of these summaries in some way. Also note, on a very limited basis, observations were taken during the scheduled closed hours when operationally required.
2. The shift in observation times due to Daylight Savings Time causes the observation counts to change in both the 03-05LST and 21-23LST groups. Although the total number of observations would not change in the "ALL" categories, the observation counts do shift into different time groupings. This causes the increase/decrease changes in observation counts in the 03-05LST/21-23LST groups. The pages that contained no data or extremely small amounts of observations were removed as not being statistically representative. Caution is advised when using the hourly groups with small observation counts.
3. Another caution must be considered when using the "ALL" summaries that incorporate the small amount of hourly data for hours 00-05LST. The resulting data is heavily biased toward the 06-23 hours. Therefore, the impression is given that 24 observations/day were used, when in reality, the data was derived from only 17 or 18 observations/day.

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

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REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

PART B PRECIPITATION
SNOWFALL
SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY
SKYCOVER

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

PART F STATION PRESSURE
SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS

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

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

STATION NO. OR SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV. (FT)	CALL SIGN	WBO NUMBER
722265	MAXWELL AFB ALABAMA/[illegible]	N 32 23	W 086 22	168	MXF	-

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL (FT)		OBS PER DAY
			FROM	TO			STATION	BAROMETER	
1	Maxwell Fld, Alabama	AAF	Jan 37	Dec 41	N 32 23	W 086 21	172	175	24
2	Same	Same	Sep 42	May 48	N 32 24	Same	Same	Same	24
3	Maxwell AFB, Alabama	AFB	Jun 48	Mar 54	N 32 23	Same	176	Same	24
4	Same	Same	Apr 54	Apr 57	Same	Same	Same	211	24
5	Same	Same	May 57	20 Mar 58	Same	Same	Same	245	24
6	Same	Same	21 Mar 58	Feb 68	Same	W 086 22	Same	174	24
7	Same	Same	Mar 68	Feb 69	Same	Same	Same	Same	24
8	Same	Same	Mar 69	Mar 72	Same	Same	179	Same	24
9	Same	Same	Apr 72	Dec 72	Same	Same	Same	Same	17
10	Same	Same	Feb 76	Oct 76	Oct 76	Same	169	Same	18
11	Same	Same	Nov 76	Feb 78	Same	Same	Same	175	17
12	Same	Same	Mar 78	Jan 82	Same	Same	Same	Same	18
13	Same	Same	Feb 82	Jul 82	Same	Same	168	Same	18

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	Jan 37to Dec 41	Located on the Tower Bldg.	Anemometer	N/A	60 Ft	
2	Sep 42to May 48	Same	Selsyn	ML-144	Same	
3	Jun 48to Feb 54	Located 200 ft S of Weather Station.	Same	Same	45 Ft	
4	Mar 54to Feb 55	Located on top of Bldg adjacent to Weather Station.	Same	Same	29 Ft	
5	Mar 55to Feb 57	Located on Hangar 3 of Base Operations.	Same	Same	80 Ft	
6	Mar 57to Apr 62	Located in Base Control Tower.	Same	Same	78 Ft	

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	
7	May 62to Aug 62	Located 750 ft from the end and 500 ft E of Rnwy 14.	[illegible]	MD-2	13 Ft	
8	Sep 62to Feb 64	Located 950 ft E of Rnwy 14;450 ft S from Taxiway A.	Same	Same	12 Ft	
9	Mar 64to Sep 70	Located 750 ft from the end and 500 ft E of Rnwy 14.	Same	Same	13 Ft	
10	Oct 70to Dec 72	Located 1000 ft ENE of centerline, 1550 ft from end of Rnwy 14.	Same	Same	Same	
11	Jul 78 to Jul 82	Same	Same	R0362	Same	

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A

PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

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USE WITH CAUTION
SEE FIRST PAGE

WEATHER CONDITIONS

722265 MAXWELL AFB AL 73-81 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		6.7				6.7	6.7				6.7	15
	03-05	7.7	15.4				15.4	7.7				7.7	13
	06-08	.3	13.2		.6		13.6	29.4	7.7			34.7	691
	09-11	.2	11.7	.2	1.4		13.3	19.7	11.2			28.6	812
	12-14	.7	9.9		.5		10.4	12.2	7.2			17.5	811
	15-17	.9	12.4		.5		12.9	11.2	4.3			14.2	812
	18-20	1.1	12.1	.2	.6	.1	13.1	10.8	2.3			12.9	812
	21-23	.4	8.8	.3	.4		9.4	10.9	2.3			12.7	753
TOTALS		1.4	11.3	.1	.5	.0	11.9	13.6	4.4			16.9	4719

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WEATHER CONDITIONS

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	30.0	40.0				40.0	20.0				30.0	10
	03-05	33.3	16.7				16.7						6
	06-08	.3	7.7		.2		7.9	23.5	14.1		.6	33.3	660
	09-11	.5	7.8		.3		8.0	12.1	13.5		.8	24.3	761
	12-14	.5	6.0		.3		6.3	6.2	6.3		.8	12.6	762
	15-17	.9	7.8				7.8	5.5	5.0		.7	10.8	760
	18-20	1.7	9.0			.3	9.2	4.6	5.8		.4	10.6	753
	21-23	2.2	9.2				9.2	5.7	4.9		.4	10.2	697
TOTALS		8.7	13.0		.1	.0	13.1	7.7	6.2		.5	15.2	4409

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WEATHER CONDITIONS

722205	MAXWELL AFB AL	73-81	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		42.9				42.9						7
	03-05	20.0	40.0				40.0	20.0				20.0	5
	06-08	1.0	7.6		.4		8.0	22.8	15.8			33.6	773
	09-11	1.4	9.1		.4		9.4	9.8	10.9			19.4	836
	12-14	2.3	9.3		.1		9.4	6.1	3.2		.6	9.7	837
	15-17	2.3	9.4				9.4	4.1	3.1		.5	7.5	837
	18-20	2.4	10.2	.1			10.4	4.1	2.0		.1	5.9	830
	21-23	1.2	10.9	.4			11.4	7.2	1.4			8.1	740
TOTALS		3.8	17.4	.1	.1		17.6	9.3	4.6		.2	13.3	4865

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WEATHER CONDITIONS

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	15.8	47.4				47.4	5.3				5.3	19
	03-05	3.7	25.9				25.9	22.2	7.4			29.6	27
	06-08	1.3	6.8				6.8	19.8	17.5			30.3	762
	09-11	1.6	5.3				5.3	5.8	12.1			15.7	807
	12-14	1.9	7.3				7.3	2.7	4.1			6.8	817
	15-17	1.4	5.6				5.6	1.6	3.6		.4	5.1	809
	18-20	1.5	5.7				5.7	2.8	3.5		.3	6.4	791
	21-23	1.1	5.4				5.4	2.4	2.9			5.3	665
TOTALS		3.5	13.7				13.7	7.8	6.4		.1	13.1	4693

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WEATHER CONDITIONS

722265	MAXWELL AFB AL	73-81	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02												4
	03-05	1.3	5.1				5.1	47.5	21.5			55.7	158
	06-08	1.1	6.7				6.7	29.9	34.5			57.2	834
	09-11	1.8	6.2				6.2	3.7	20.8			27.3	833
	12-14	3.0	6.6				6.6	1.3	11.5			12.6	832
	15-17	4.1	7.4				7.4	.8	10.2		.1	11.2	834
	18-20	2.4	5.2				5.2	1.7	9.5			11.2	623
	21-23	.9	4.6				4.6	2.7	6.2			8.8	547
TOTALS		1.8	5.2				5.2	11.0	14.3		.0	21.9	4865

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WEATHER CONDITIONS

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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		50.0				50.0						2
	03-05		1.3				1.3	45.7	43.7			66.9	151
	06-08	.5	1.6				1.6	21.1	40.4			48.9	797
	09-11	.9	2.7				2.7	2.1	19.6			21.0	801
	12-14	4.0	4.5				4.5	.6	9.4			10.0	801
	15-17	7.4	6.6				6.6	.1	6.9			7.0	801
	18-20	4.1	5.1				5.1	.4	7.2		.1	7.7	801
	21-23	2.2	3.4				3.4	.7	7.1			7.8	536
TOTALS		2.4	9.4				9.4	8.8	16.8		.0	21.2	4690

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WEATHER CONDITIONS

722265 | MAXWELL AFB AL | 73-81 | JUL
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02												
	03-05	.6	1.9				1.9	49.7	47.8			67.5	157
	06-08	.1	3.3				3.3	31.9	51.0			61.5	836
	09-11	1.3	3.9				3.9	4.2	33.8			36.1	837
	12-14	6.2	7.0				7.0	1.3	21.5			22.3	933
	15-17	10.9	9.5				9.5	.7	17.7			18.2	824
	18-20	8.5	8.6				8.6	1.7	17.2			18.1	822
	21-23	4.4	6.4				6.4	2.9	13.8			15.8	550
TOTALS		4.6	5.8				5.8	13.2	29.0			34.2	4859

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

WEATHER CONDITIONS

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	20.0	30.0				30.0						10
	03-05	.7	3.6				3.6	60.1	35.2			72.5	138
	06-08	.5	2.0				2.0	36.3	48.4			63.1	837
	09-11	.4	1.6				1.6	3.5	30.1			31.4	837
	12-14	4.1	3.9				3.9	.6	18.8			19.0	837
	15-17	7.0	7.5				7.5	.1	16.5			16.6	837
	18-20	5.3	8.6				8.6	1.7	13.9			15.3	836
	21-23	2.5	4.8				4.8	3.7	13.0			15.1	563
TOTALS		5.1	7.8				7.8	13.3	22.1			29.1	4895

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

WEATHER CONDITIONS

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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		60.0				60.0						5
	03-05		9.6				9.6	44.0	40.8			65.6	125
	06-08		4.8				4.8	38.6	41.7			61.3	808
	09-11	.4	4.8				4.8	6.8	32.9			36.7	[illegible]
	12-14	2.3	7.9				7.9	1.9	12.2			13.7	[illegible]
	15-17	3.5	8.9				8.9	2.4	10.6			13.0	[illegible]
	18-20	3.1	7.0				7.0	3.6	13.6			16.9	809
	21-23	.7	6.8				6.8	4.8	13.4			17.3	544
TOTALS		1.3	13.7				13.7	12.8	20.7			28.1	4718

USAFETAC FORM JULY 64 0-10-3(GL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

WEATHER CONDITIONS

72265 | MAXWELL AFB AL | 73-81 | OCT
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02												7
	03-05		1.8				1.8	21.2	8.8			28.3	113
	06-08	.1	5.3				5.3	31.5	24.7			44.7	818
	09-11	.2	4.9				4.9	6.7	18.7			23.1	834
	12-14	.2	4.0				4.0	2.5	6.2			0.5	832
	15-17	.1	4.0				4.0	2.0	3.1			4.9	834
	18-20	.2	3.4				3.4	2.5	3.6			5.9	834
	21-23	.3	3.2				3.2	3.7	3.9			7.1	595
TOTALS		.1	3.3				3.3	8.8	8.6			15.3	4863

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

3662

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

WEATHER CONDITIONS

722265	MAXWELL AFB AL	73-81	NOV
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.
NOV	00-02		16.7				16.7						6
	03-05												[illegible]
	06-08		8.7				8.7	34.2	15.6			43.6	667
	09-11		6.5				6.5	12.6	16.0			28.2	817
	12-14	.1	9.0				9.0	4.8	5.6			9.6	809
	15-17	.5	8.5				8.5	6.2	2.7			8.6	813
	18-20	.1	7.8				7.8	6.1	1.5			7.5	809
	21-23	.2	6.2				6.2	7.8	2.5			9.6	909
TOTALS		.1	7.9				7.9	9.0	5.5			13.1	4723

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

USE WITH CAUTION
SEE FIRST PAGE

72225	MAXWELL AFB AL	73-81	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02												[illegible]
	03-05												
	06-08	.5	10.3	.2	.3		10.8	24.9	6.5			29.2	582
	09-11	.1	8.3				8.3	12.6	7.8			19.1	768
	12-14	.3	9.3				9.3	7.8	2.2		.3	9.8	765
	15-17	.5	8.0				8.0	6.9	2.8		.1	9.0	754
	18-20	.7	8.5		.1		8.5	7.3	1.9			8.2	729
	21-23	.6	7.5		.6		8.1	7.5	2.1		.3	9.3	718
TOTALS		.4	7.4	.0	.1		7.6	9.6	3.3		.1	12.1	4310

3663

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

722265 | MAXWELL AFB AL | 73-81 | 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	1.4	11.3	.1	.5	.0	11.9	13.6	4.4			16.9	4719
FEB		8.7	13.0		.1	.0	13.1	9.7	6.2		.3	15.2	44[illegible]
MAR		3.8	17.4	.1	.1		17.6	9.3	4.6		.2	13.3	4865
APR		3.5	13.7				13.7	7.8	6.4		.1	13.1	4690
MAY		1.8	5.2				5.2	11.0	14.3		.3	21.9	4869
JUN		2.4	9.4				9.4	8.8	16.8		.3	21.2	4693
JUL		4.6	5.8				5.8	13.2	29.3			34.2	4859
AUG		5.1	7.8				7.8	13.3	22.1			29.1	4895
SEP		1.3	13.7				13.7	12.8	20.7			28.1	4718
OCT		.1	3.3				3.3	6.8	8.6			15.3	4863
NOV		.1	7.9				7.9	9.0	5.5			13.1	4723
DEC		.4	7.4	.0	.1		7.6	9.6	3.3		.1	12.1	4319
TOTALS		2.8	9.7	.0	.1	.0	9.8	10.6	11.8		.1	19.4	56615

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

PART A ATMOSPHERIC PHENOMENA

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

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

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

722265 (STATION) | MAXWELL AFB AL (STATION NAME) | 46-56, 64-81 (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	4.5	44.1	.6	3.4	.1	45.6	46.8	42.8		.1	61.5	891
FEB		5.2	38.1	.2	2.1	.1	37.6	40.9	40.7	.1	.1	54.9	820
MAR		14.1	42.9	.1	..3	.5	42.2	39.4	37.9	.1		54.8	867
APR		14.5	33.1			.4	32.5	35.4	36.8		.1	49.6	840
MAY		21.4	36.1			.8	37.0	41.7	43.8		.2	57.5	868
JUN		28.3	39.8			.2	39.1	34.6	44.2			52.0	868
JUL		39.6	51.5			.3	49.5	44.0	47.4			57.6	899
AUG		30.2	43.0				41.4	48.7	54.0			63.7	868
SEP		12.0	36.0			.1	34.4	48.6	52.7		.1	65.0	840
OCT		4.2	22.9				22.1	45.2	44.0			55.2	866
NOV		4.6	33.1		.7		33.7	49.9	45.2			60.2	840
DEC		4.4	40.5	.1	1.4		39.2	47.8	38.4			56.5	846
TOTALS		15.2	38.6	.1	.7	.2	37.9	43.6	44.0	.0	.0	57.4	10313

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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

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

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

Continued on Reverse Side

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

722265 MAXWELL AFB AL 37-56, 65-81
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-30.4	OVER 30.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	53.8	12.3	2.1	5.8	4.2	5.6	6.1	6.8	3.3	.3				34.2	1015	4.20	10.57	.85
FEB	57.7	9.1	1.4	5.4	3.0	5.1	7.8	6.0	4.1	.3	.1			33.3	905	4.50	8.54	1.59
MAR	56.0	10.6	1.5	3.1	2.6	5.9	6.3	7.4	6.1	.6				33.5	1022	6.34	14.04	2.29
APR	64.3	9.2	1.7	3.3	2.1	5.1	5.3	4.6	3.4	.9				26.5	990	4.47	11.23	1.05
MAY	60.5	11.2	2.3	4.1	3.5	5.1	4.3	5.2	3.4	.4				28.4	1022	3.97	12.88	.47
JUN	59.4	10.1	1.4	5.1	2.3	6.2	5.9	5.7	3.4	.4	.1			30.5	988	4.32	11.77	.50
JUL	47.7	13.4	1.9	5.8	3.8	8.7	7.4	6.4	4.4	.5				38.8	1020	5.60	10.73	2.52
AUG	55.5	14.8	2.6	5.0	2.8	5.3	5.3	4.1	4.1	.1	.1			29.6	992	4.14	15.39	.95
SEP	63.2	10.9	1.1	4.8	3.2	5.8	3.9	3.4	2.9	.6	.1			25.9	1019	3.79	8.41	.13
OCT	76.5	8.9	.7	2.3	1.6	4.1	2.3	1.6	1.9	.2				14.6	1022	1.84	8.27	.02
NOV	65.8	9.2	1.6	3.1	2.2	5.1	5.0	4.8	2.9	.2	.1			25.0	1019	3.51	19.34	.13
DEC	56.9	10.2	1.8	5.1	3.3	4.6	5.5	7.2	4.9	.5				32.9	1001	5.53	10.12	TRACE
ANNUAL	59.8	10.8	1.7	4.4	2.9	5.5	5.4	5.3	3.7	.4	.0			29.4	12015	52.21		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

[illegible] MAXWELL AFB AL 37-56, 65-81

STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
[illegible]													
[illegible]													
39	.75	1.16	1.73	.61	.57	.71*	1.47	5.60	.83	.19	.27	1.?	5.60
40	.98	2.13	2.28	2.15	.34	1.46	1.48	.96	.18	.42	1.58	2.10	2.28
41	1.63	1.30	1.89	.52	.47	1.41	1.25	1.70	.90	1.08	.49	2.82	2.82
42									1.47	.71	1.00	3.13	
43	2.19	.65	3.59	.91	2.26	1.06	2.18	2.29	.74	1.35	2.67	1.39	3.59
44	2.99	1.78	2.75	3.44	1.02	.68	1.00	1.09	1.39	.23	1.46	1.76	3.75
45	1.23	1.81	.87	2.71	2.80	2.01	1.33	1.05	1.50	1.25	2.36	2.08	2.80
46	1.63	1.36	2.19	1.15	1.78	6.28	2.09	1.88	1.96	1.06	.60	1.36	6.28
47	2.34	.90	1.51	1.61	1.60	1.03	2.09	2.50	.10	.23	2.06	1.75	2.50
48	1.48	1.16	2.33	.72	1.42	.85	3.42	1.93	1.34	1.09	5.85	1.32	5.85
49	.92	1.70	.94	1.55	1.64	3.30	4.68	2.44	.82	1.34	.13	1.40	4.68
50	1.29	1.40	.91	1.36	1.52	1.65	3.81	1.31	3.87	.45	.63	1.93	3.87
51	.82	.56	1.88	.89	1.76	1.45	1.77	1.43	2.80	.53	1.08	1.60	2.80
52	1.40	1.11	1.65	1.41	1.06	1.20	1.22	1.38	1.07	.87	.39	1.39	1.65
53	1.14	1.60	1.48	1.09	.75	.92	1.80	.48	5.39	.23	.78	3.17	5.39
54	.46	5.09	1.61	2.12	.58	.64	.84	.45	.16	1.30	.52	1.13	5.09
55	1.76	1.72	.89	1.74	1.55	.69	3.00	1.62	.37	.44	1.45	.57	3.04
56	1.05	1.04	2.29	1.02	.32	1.20	1.09						
65									3.60		.69*	TRACE	
66	.94		* 1.87	.85	1.29	.96	1.45	1.17	2.41	3.30	2.00	2.30	
67	.86	2.12	1.03	.99*	2.09	3.16	1.84	1.35	2.16	1.66	1.34	2.29	3.16
68	.91	.83	1.24	1.66	1.11*	2.03	.80	1.45	1.06	1.21	2.50	1.53	2.50
69	1.12	1.48	2.58	.83	1.34	.66	2.07	2.39*	3.89	1.62	.26	1.15	* 3.89
70	1.71	1.03	2.27	.90	1.60	2.52	3.12	2.18	1.70	1.49	1.11	1.75	3.12
71	1.08	1.39	2.62	2.46	1.22	.58	1.57	1.22	2.45	.31	.96*	1.87	2.62
72	1.01	1.41	2.30	.73	2.27	2.19*	1.84	.44	1.14	1.16*	1.40	1.80	2.30
73	1.57	2.54	2.75	3.77	.91	1.04	1.87	.97	2.26	.26	2.10	1.30	3.77
74	1.65	.93	.81	1.88	.73	.82	1.06	2.31	4.04	.61	1.17	3.61	4.04
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

1210 WS FORM JUL 64 0-88-3 (OL-1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

72026 MAXWELL AFB AL 37-56, 65-81

STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
75	3.33	4.61	2.75	3.52	1.28	2.56	2.08	1.08	4.85	2.65	1.38	1.44	4.85
76	2.34	.62	1.75	.78	3.18	1.25	.96	1.47	1.11	.61	2.44	1.72	3.18
77	1.19	2.23	1.91	.71	1.74	1.14	1.51	1.25	2.46	1.59	1.56*	.75	2.46
78	* 2.02	.87	.92	1.43	4.00	1.74	1.06	1.72	1.85	.92	1.73*	2.50	4.00
79	* 2.64	1.49	2.25	2.76	1.46	.30	2.04	.37	2.25	.42	1.35*	1.44	2.76
80	* .87	1.58	1.71	1.69	1.99	1.39	1.04	1.39	1.09*	1.84	1.19*	.94	1.99
81	* .51	3.63	1.21	4.34	1.81	.59	2.34	1.06	.50	1.36	.40*	2.33	4.34
MEAN	1.403	1.623	1.872	1.740	1.458	1.483	1.865	1.560	1.813	.969	1.570	1.767	3.768
S. D.	.649	1.046	.762	1.056	.811	1.148	.921	.946	1.327	.728	1.072	.708	1.246
TOTAL OBS.	1015	905	1022	990	1022	988	1020	992	1019	1022	1019	1001	12015

NOTE * (BASED ON LESS THAN FULL MONTHS)

1210 WS FORM JUN 64 0-88-5 (OL-I)

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
XXXXXXXXXXXXXXXXXXX
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

72225 MAXWELL AFB AL 37-56, 65-81
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
37													
38													
39	2.71	5.66	5.10	2.20	7.26	3.77*	3.39	15.39	2.69	.26	.54	2.55	*46.57
40	3.76	4.92	5.63	4.10	.75	1.47	5.62	2.51	.23	.53	3.68	7.03	47.33
41	2.93	3.53	4.92	2.07	.47	6.57	6.77	3.62	2.54	1.47	1.25	1.13	46.21
42									2.25	1.32	1.74	9.72	
43	5.72	1.79	14.04	1.48	3.40	2.88	6.06	3.37	2.35	1.58	3.46	3.08	48.61
44	5.18	5.91	11.19	8.69	2.36	2.57	3.55	4.83	2.54	.36	5.33	3.25	54.76
45	2.54	3.85	2.97	11.23	4.74	6.11	5.41	1.99	4.43	2.51	3.29	7.49	56.60
46	7.09	3.73	9.08	2.89	7.36	9.46	7.70	4.73	7.10	1.38	3.47	2.76	66.75
47	11.57	1.59	5.87	7.10	3.65	3.97	4.24	6.75	.13	.74	8.19	4.72	57.52
48	3.62	5.42	7.37	2.04	3.54	2.47	6.06	3.75	2.95	1.54	10.34	3.32	61.32
49	9.33	4.98	4.92	4.54	2.72	11.77	8.74	5.46	1.46	3.23	.13	3.73	53.98
50	2.38	3.53	3.97	3.83	4.72	2.98	9.71	2.75	6.63	1.04	.87	4.53	46.92
51	3.92	1.68	4.34	3.87	2.85	3.17	3.73	3.28	8.41	1.43	3.16	4.94	44.79
52	2.79	3.84	6.58	3.46	5.55	2.35	2.87	3.87	2.94	.88	1.08	6.81	43.12
53	3.50	6.27	3.18	9.26	3.16	4.21	6.23	1.15	7.15	.36	2.26	9.58	56.11
54	.85	6.88	4.26	2.85	.94	2.11	3.40	.95	.46	1.91	1.81	3.74	30.16
55	3.39	2.58	2.45	6.35	5.85	2.23	6.30	3.17	.42	1.13	3.45	.89	36.31
56	2.32	5.09	7.95	2.18	.86	3.80	4.76						
57									4.33		1.40*	TRACE	
58	5.63		* 5.83	1.64	4.60	2.23	3.36	2.95	6.87	8.27	4.50	5.62	
59	3.25	5.12	2.29	2.22*	4.17	7.83	8.05	3.94	3.89	4.21	2.92	9.85	*57.74
60	3.13	2.12	2.54	4.44	1.95*	2.20	2.52	3.71	1.47	1.29	6.40	6.51	*38.28
61	2.23	5.00	5.44	2.70	5.88	2.07	5.98	7.33*	5.27	1.71	.64	4.05	*48.27
62	3.86	3.66	6.70	2.34	3.48	6.52	6.02	6.46	2.47	4.35	2.03	5.09	53.18
63	2.95	8.11	11.33	5.11	4.30	2.79	6.63	2.93	5.52	.58	2.28*	6.57	*59.10
64	6.74	3.99	5.86	1.05	3.71	4.93*	4.75	1.27	2.95	1.48*	4.92	7.56	*49.21
65	4.45	4.75	11.94	9.10	3.39	4.44	6.16	2.99	4.34	.50	5.38	4.92	62.06
74	7.22	2.60	2.47	3.94	4.03	3.44	4.57	8.71	6.63	.61	3.64	5.98	53.84
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

1200 WS FORM AUG 64 0-88-5 (OL-I)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

EXTREME VALUES
XXXXXXXXXXXXXXXXXXXX
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

72224	MAXWELL AFB AL	37-56, 65-81
STATION	STATION NAME	YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
75	9.16	8.48	9.30	6.46	5.06	8.53	10.73	5.34	7.67	6.55	7.43	5.43	*75.86
76	3.55	2.43	9.43	1.48	6.29	5.43	3.64	2.78	2.89	1.66	5.35	5.45	*50.76
77	4.87	3.40	5.42	1.64	2.58	2.56	5.22	3.71	8.93	2.52	4.03*	3.25	*49.10
78	* 8.29	2.46	3.13	4.80	12.88	4.13	3.23	5.40	6.10	.02	3.42*	5.31	*59.17
79	* 7.28	8.54	5.93	9.92	3.72	.50	8.07	1.10	4.66	.91	4.40*	2.71	*57.76
80	* 4.62	4.26	10.63	5.84	6.18	3.77	3.53	1.68	2.59*	3.46	2.74*	1.77	*51.07
81	* 2.13	7.99	4.66	6.69	3.79	1.35	4.84	4.46	.79	2.42	.46*	7.15	*46.75
MEAN	4.200	4.502	6.340	4.471	3.969	4.324	5.603	4.135	3.785	1.835	3.514	5.527	52.904
S. D.	2.183	1.980	3.115	2.779	2.352	2.549	2.054	2.763	2.417	1.804	3.377	2.405	11.496
TOTAL OBS.	1015	905	1022	990	1022	988	1020	992	1019	1022	1019	1001	12015

NOTE * (BASED ON LESS THAN FULL MONTHS)

1210 WS FORM JUL 64 0-88-5 (OL-1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

722265 MAXWELL AFB AL 46-56, 64-81
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-30.4	OVER 30.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	96.5	2.8	.4	.1	.1	.1								.7	856	.3	5.9	.0
FEB	97.7	2.0	.1		.1									.3	735	.1	1.5	.0
MAR	98.8	1.2													836	TRACE	TRACE	.0
APR	99.9	.1													810	TRACE	TRACE	.0
MAY	100.0														837	.0	.0	.0
JUN	100.0														808	.0	.0	.0
JUL	100.0														837	.0	.0	.0
AUG	100.0														806	.0	.0	.0
SEP	100.0														810	.0	.0	.0
OCT	100.0														805	.0	.0	.0
NOV	99.4	.6													810	TRACE	TRACE	.0
DEC	98.5	1.5													783	TRACE	TRACE	.0
ANNUAL	99.2	.7	.0	.0	.0	.0								.1	9733	.4		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

7242 5 — STATION
MAXWELL AFB AL — STATION NAME
46-56, 65-81 — YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
47	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
50	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
51	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
52	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
54	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
55	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
56	.0	.0	.0	.0	.0	.0	.0						
65									.0		.0		
66	.0		.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	
67	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
68	TRACE	.4	TRACE	.0	.0*	.0	.0	.0	.0	.0	TRACE	.0	.4
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
70	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
71	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0*	.0	TRACE
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*TRACE	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.5
74	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
77	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	TRACE	3.0
78	*TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0*	.0	TRACE
79	*TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	TRACE
80	* .0	.0	TRACE	.0	.0	.0	.0	.0	.0*	.0	.0*	.0	TRACE
81	* .0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	TRACE
MEAN	.15	.09	TRACE	TRACE	.00	.00	.00	.00	.00	.00	TRACE	TRACE	.01
S. D.	.638	.391	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.048
TOTAL OBS.	856	735	836	810	837	808	837	806	810	805	810	783	9705

NOTE * (BASED ON LESS THAN FULL MONTHS)

1210 WS FORM JUL 64 0-88-5 (OL1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

EXTREME VALUES
XXXXXXXXXXXXXXXXXXX
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

7122	MAXWELL AFB AL	46-56, 65-81
STATION	STATION NAME	YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
47	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
50	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
51	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.1	.0	.1	TRACE
52	.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	TRACE	TRACE
54	.1	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.1	TRACE
55	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
56	.0	.0	.0	.1	.0	.0	.0						
65									.0		.0		
66	.2		* .0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	
67	.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
68	TRACE	.4	TRACE	.0	.0*	.0	.0	.0	.0	.0	TRACE	.0	* .4
69	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
70	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
71	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0*	.0	*TRACE
72	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	*TRACE	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	* 1.5
74	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
75	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
77	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	TRACE	* 5.9
78	*TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0*	.0	*TRACE
79	*TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	*TRACE
80	* .1	.0	TRACE	.0	.0	.0	.0	.0	.0*	.0	.0*	.0	*TRACE
81	* .0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	*TRACE
MEAN	.29	.07	TRACE	TRACE	.00	.00	.00	.00	.00	.00	TRACE	TRACE	.01
S. D.	1.255	.301	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.048
TOTAL OBS.	856	735	636	810	837	808	837	806	810	805	810	783	9705

NOTE * (BASED ON LESS THAN FULL MONTHS)

1210 WS FORM JUL 64 0-88-5 (OL-1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

722265 MAXWELL AFB AL 37-56, 64-81
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00					
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-30.4	OVER 30.4			MEAN	GREATEST	LEAST
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	99.5	.2	.1		.2									.3	1045			
FEB	100.0														905			
MAR	99.9	.1													1022			
APR	100.0														989			
MAY	100.0														1023			
JUN	100.0														988			
JUL	100.0														1023			
AUG	100.0														992			
SEP	100.0														1020			
OCT	100.0														1022			
NOV	100.0														1020			
DEC	100.0														1000			
ANNUAL	99.9	.0	.0		.0									.0	12049			

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

[illegible] STATION | MAXWELL AFB AL STATION NAME | 37-56, 65-81 YEARS

DAILY SNOW DEPTH IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]													
[illegible]	TRACE												TRACE
[illegible]													
43													
44													
45													
46													
47													
48													
49													
[illegible]													
51													
52													
53													
54													
55													
56													
65													
66													
67													
68													
69													
70													
71													
72													
73													
74													
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

1210 WS FORM JUL 64 0-88-3 (OL-1)

(L)EAL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS

...2265 MAXWELL AFB AL 37-56, 65-81
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
75		0											
76													
77													
78	*	0					0						*
79	*												*
80	*	0	TRACE										TRACE
81	*	0											*
MEAN	.1	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
S. D.	.557	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	1045	905	1022	989	1023	988	1023	992	1023	1022	1020	1000	12018

NOTE * (BASED ON LESS THAN FULL MONTHS)

1210 WS FORM 0-88-5 (OL-I)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

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

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

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

C

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

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

13285 | MAXWELL AFB AL | 53-56, 64-68, 70-81
STATION | STATION NAME | YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
53				SE *37	NW 52	NW 40	*30	NW 18	NE 46	29	NW 28	NW 35	
54	* 38	NW 42	W 61	SW 43	NW 26	NW 44	SE 45	ENE 52	ENE 41	W 30	W 40	NW 40	61
55	NW 43	NW 39	SW 39	NW 38	W 52	W 30	NE 52	NE 26	E 46	51	SW 47	W 33	52
56	WSW *34	W 52	WNW 43	SW 45	NW 33	E 44	NW *46						
64	NW 38	W *34	SW 41	SW 43	NW 30	SSW 29	SW 21	W 31	N 29	E 32	SW 29	SW 31	SW 43
65	WNW 32	W 33	NNE 42	SSW 30	SSE 59	SSW 32	SW 36	NW 34	SSE 24	W 33	NW 33	31	SSE 59
66	WNW 30	SSE 36	W 31	NW 29	SW 21	ENE 37	W 29	SSE 26	S 29	E 33	NW 24	E 22	ENE 37
67	SW 36	SE 32	W 30	N 32	ENE 26	ENE 33	WNW 23	NW 20	E 18	NW 21	WSW 28	NW 24	SW 39
68	SW 37	NW 26	S 30	SW 21	SE 37	W 24	32/ 33	6/ 31	31/ 18	30/ 22	24/ 28	27/ 33	SW 37
7x			16/ 26	29/ 42	6/ 44	18/ 33	29/ 26	18/ 39	18/ 46	16/ 21	19/ 23	12/ 36	
71	32/ 30	21/ 50	30/ 40	33/ 33	6/ 38	3?/ 41	33/ 45	34/ 25	11/ 25	2/ 24	24/ 28	8/ 27	21/ 50
72	32/ 42	31/ 36	28/ 50	22/ 27	17/ 31	4/ 32	27/ 40	36/ 34	19/ 21	8/ 21	28/ 27	31/ 31	26/ 50
73	14/ 29	14/ 29	27/ 40	27/ 28	21/ 43	31* 26	31/ 32	10/ 29	16/ 27	13* 22	31/ 40	25/ 32	21/ 48
74	30/ 35	18/ 38	28/ 42	32/ 38	33/ 30	24/ 38	28/ 29	23/ 42	1/ 29	5/ 20	34/ 36	10/ 26	29/ 42
75	25/ 44	31/ 38	26/ 36	25/ 38	18/ 29	3/ 41	33/ 36	33/ 34	34/ 45	14/ 23	17/ 24	26/ 25	34/ 45
76	31/ 25	22/ 40	29/ 31	26/ 22	14/ 31	23/ 35	34/ 35	23/ 29	7* 18	13/ 31	2?/ 27	30/ 26	22/ 40
77	32* 38	15/ 38	28/ 36	19/ 36	9/ 31	35/ 35	19/ 34	19/ 32	19/ 32	2/ 26	16/ 24	31* 31	32* 38
78	26/ 44	23/ 36	31/ 37	33/ 43	10/ 41	35* 40	3/ 30	28/ 28	7/ 30	34/ 23	32/ 27	25* 30	25/ 44
79	27/ 42	30/ 29	14/ 46	27/ 35	30/ 29	36/ 23	10/ 33	27/ 31	15/ 38	3/ 30	25/ 42	35* 23	14/ 46
80	36/ 28	16/ 50	34/ 31	19/ 32	9/ 41	28/ 30	3/ 42	15/ 23	9/ 28	3/ 22	11/ 30	35* 21	10/ 50
81	30* 20	21/ 40	28/ 35	29/ 27	16/ 34	18/ 30	27/ 50	17/ 32	30/ 26	3/ 26	33/ 30	32* 26	27/ 50
MEAN	34.1	34.1	38.0	33.6	35.7	33.8	35.1	30.5	30.6	27.1	31.9	31.5	45.1
S.D.	7.141	7.039	8.356	7.331	8.913	6.263	8.407	7.600	9.121	7.203	6.854	5.663	7.944
TOTAL OBS.	592	558	649	643	679	641	670	645	616	599	597	593	7210

NOTES * (BASED ON LESS THAN FULL MONTHS)

1210 WS FORM AUG 64 0-88-3 (OL1)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.5	4.1	1.6									8.1	4.8
NNE	3.9	3.9	.3									8.1	3.5
NE	4.1	1.4	.6	.1								6.2	3.5
ENE	3.3	2.8	.7									6.8	3.8
E	1.6	2.0	1.9	.1								5.7	5.5
ESE	1.5	.9	.7	.1								2.8	5.0
SE	.3	.7	.6									1.6	5.6
SSE	1.3	1.2	.1	.1								2.8	4.2
S	1.0	1.3	.6	.1								3.0	5.0
SSW	.9	.7	.1									1.7	3.8
SW	.7			.1								.9	4.3
WSW	.9	.4	.3	.1								1.7	4.7
W	2.9	1.3	1.7	.3								6.2	5.0
WNW	1.3	1.6	1.6	.9								5.4	6.7
NW	.4	2.0	2.3	2.5								7.2	8.4
NNW	.7	2.5	1.3	1.0								5.5	6.9
VARBL													
CALM												26.2	
	26.8	26.8	14.5	5.7								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 690

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	3.2	4.4	2.7	.2								10.6	5.3
NNE	2.0	3.3	.4									5.7	3.9
NE	3.6	3.2	.4									7.1	3.6
ENE	3.2	2.2	1.0									6.4	3.9
E	3.2	3.3	2.2	.2								9.0	4.9
ESE	.6	1.7	1.4	.2								3.9	6.3
SE	.4	1.0	.6									2.0	5.3
SSE	.5	.7	.7	.2	.1							2.3	7.0
S	1.2	1.2	1.8	.4								4.7	6.3
SSW	.4	1.6	.4	.1								2.5	5.5
SW	.9	.9	.9	.1								2.7	5.5
WSW	.9	1.1	.4									2.3	4.4
W	1.1	3.0	2.7	.9								7.6	6.6
WNW	1.5	1.7	1.6	.7	.1							5.7	6.6
NW	.9	2.1	2.6	2.1	.1							7.8	8.3
NNW	1.5	2.0	2.6	1.8								7.9	7.4
VARBL													
CALM												11.8	
	24.9	33.5	22.3	7.1	.4							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 812

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.2	4.1	2.2	.4								9.9	5.0
NNE	1.0	2.7	.6									4.3	4.7
NE	1.0	1.4										2.3	3.6
ENE	2.6	1.4	.5									4.4	3.5
E	2.2	2.6	1.5	.1								6.4	4.7
ESE	1.1	2.2	.5	.5								4.3	5.6
SE	1.0	1.5	.6	.2	.2							3.6	6.4
SSE	1.1	1.7	.7	.2								3.8	5.5
S	.4	2.0	1.4	1.0								4.7	7.6
SSW	.6	1.1	1.1	.6								3.5	7.1
SW	.6	1.6	1.2	.6								4.1	7.2
WSW	2.1	1.8	1.5	.9								6.3	5.9
W	2.3	3.3	3.6	1.8								11.1	6.9
WNW	1.2	1.8	2.2	1.8								7.2	7.7
NW	1.1	2.1	3.7	2.2								9.1	8.0
NNW	1.8	1.2	2.7	1.2								7.0	7.2
VARBL													
CALM												8.0	
	23.4	32.6	24.0	11.7	.2							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 811

USAFETAC FORM AIR 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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	3.0	3.6	2.1	.1								8.7	4.9
NNE	2.2	1.4	.2									3.8	3.5
NE	1.6	1.2	.2									3.1	3.7
ENE	1.8	1.1	.7									3.7	4.1
E	2.0	2.7	1.0									5.7	4.7
ESE	.5	1.5	.9									2.8	5.6
SE	.2	.9	.4	.1								1.6	5.9
SSE	1.0	1.4	.4	.2								3.0	5.0
S	1.7	2.5	1.2	.9								6.3	6.1
SSW	1.1	1.4	1.5	.4		•						4.3	6.2
SW	1.0	1.8	.9	.6								4.3	6.0
WSW	1.6	2.0	.9	.1		.1						4.7	5.4
W	2.7	3.4	3.1	1.2	.1							10.6	6.4
WNW	2.5	1.7	2.6	1.4	.1							8.3	6.9
NW	1.8	1.5	3.7	1.7								8.7	7.7
NNW	.9	3.0	2.3	1.5								7.6	7.5
VARBL													
CALM												12.8	
	25.6	30.9	22.0	8.3	.2	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 812

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	4.4	3.3	1.2	.6								9.6	4.5
NNE	.9	2.3	.1									3.3	4.5
NE	1.0	.7	.2									2.0	3.8
ENE	.9	.9	.9									2.6	5.2
E	1.7	3.0	.7	.2								5.7	4.8
ESE	.6	2.0	1.0									3.6	5.3
SE	.7	1.1	.6	.1								2.6	5.0
SSE	1.0	.9	.1	.4								2.3	5.1
S	2.8	2.5	.6	.2								6.0	4.2
SSW	1.2	1.2	.2	.2								3.0	4.6
SW	.9	.1	.1									1.1	3.2
WSW	1.2	.9		.1								2.2	3.4
W	3.1	2.3	.2	.1	.1	.2						6.2	4.6
WNW	2.1	2.1	2.1	.7	.1							7.1	6.2
NW	2.1	2.3	2.3	1.1	.2							8.1	6.7
NNW	1.2	2.6	1.0	.9								5.7	6.2
VARBL													
CALM												28.9	
	25.9	28.1	11.6	4.8	.5	.2						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 812

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	3.3	2.8	1.9	.4								8.4	5.1
NNE	3.7	1.9	.3									5.9	3.2
NE	1.3	.9	.1									2.4	3.6
ENE	1.3	1.2	.9									3.5	4.6
E	1.1	3.5	.9	.1								5.6	4.9
ESE	.7	1.7	.7									3.1	5.4
SE	.3	1.5	.5									2.3	5.5
SSE	.5	1.3	.4	.1	.1							2.5	5.7
S	1.7	1.3	.5									3.6	4.2
SSW	.8	1.2	.7	.3								2.9	5.6
SW	.7	.9	.1									1.7	4.2
WSW	.3	.1	.5									.9	5.9
W	2.3	1.5	.4	.5								4.7	4.9
WNW	2.5	1.9	2.7	.4	.1							7.6	6.1
NW	1.7	2.3	1.9	.7	.3							6.8	6.5
NNW	1.5	1.3	1.7	.5	.1							5.2	6.5
VARBL													
CALM												33.0	
	23.7	25.3	14.2	3.1	.7							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 751

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

SURFACE WINDS

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	3.3	3.7	2.0	.3								9.2	4.9
NNE	2.2	2.5	.3									5.1	3.8
NE	2.0	1.5	.3	.0								3.8	3.6
ENE	2.2	1.5	.8									4.5	4.1
E	2.0	2.8	1.4	.1								6.3	4.9
ESE	.7	1.7	.8	.1								3.4	5.6
SE	.5	1.1	.6	.1	.0							2.3	5.7
SSE	.9	1.2	.4	.2	.0							2.8	5.4
S	1.5	1.8	1.0	.4								4.7	5.6
SSW	.8	1.3	.7	.3								3.1	5.8
SW	.8	.9	.6	.3								2.5	5.7
WSW	1.2	1.1	.6	.3		.0						3.1	5.4
W	2.4	2.5	2.0	.8	.1	.1						7.9	6.1
WNW	1.9	1.8	2.1	1.0	.1							6.9	6.7
NW	1.4	2.0	2.8	1.7	.1							8.0	7.6
NNW	1.3	2.1	2.0	1.2	.0							6.5	7.0
VARBL													
CALM												19.9	
	25.0	29.5	18.2	6.9	.4	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 4716

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	1.4	2.9	1.2	.2								5.6	5.1
NNE	4.5	3.0	.6	.2								8.3	3.9
NE	3.9	1.8	.2									5.9	3.2
ENE	2.9	2.3	.8									5.9	3.8
E	.9	3.2	2.3	.2								6.5	6.0
ESE	.6	.3	.3									1.2	4.8
SE		.6	.5									1.1	6.0
SSE	.8	1.2	.5	.2								2.6	5.3
S	1.1	2.3	.6	.2								4.1	4.8
SSW	1.2	1.7	.2									3.0	3.9
SW	1.2	.8	.3									2.3	4.0
WSW	.8	.6	.2	.2								1.7	4.2
W	2.1	1.7	2.1	1.1								7.0	6.6
WNW	1.7	2.9	1.2	.6								6.4	5.4
NW	1.2	1.8	2.0	.6		.3						5.9	7.4
NNW	2.1	1.8	2.0	.2								6.1	5.2
VARBL													
CALM												26.5	
	26.4	28.8	14.7	3.3		.3						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 660

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	3.2	2.4									7.2	5.4
NNE	1.8	2.9	.7									5.4	4.2
NE	2.8	2.8	.9									6.4	4.3
ENE	3.7	2.4	1.2	.1								7.4	4.4
E	2.5	3.3	2.0	.4								8.1	5.3
ESE	.4	.9	2.0	.5								3.8	7.4
SE	.7	.4	.7									1.7	5.3
SSE	.4	1.3	.5	.1								2.4	5.4
S	1.8	1.2	1.4	.9								5.4	6.5
SSW	1.4	1.3	1.2	.8	.1							4.9	6.5
SW	.5	.9	1.1	.4								2.9	6.8
WSW	.7	2.6	2.2	.7								6.2	6.9
W	.7	2.2	2.6	2.2	.3							8.0	8.8
WNW	.8	2.1	1.4	.5	.1							5.0	7.2
NW	1.1	2.0	2.9	1.4		.1						7.5	7.9
NNW	1.6	2.0	2.4	.9								6.8	6.6
VARBL													
CALM												10.9	
	22.5	31.4	25.5	9.1	.5	.1						[illegible]0	5.5

TOTAL NUMBER OF OBSERVATIONS 761

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	1.8	2.1	1.8	.1	.1							6.0	5.8
NNE	1.4	1.2	.5									3.1	4.4
NE	1.2	1.3	.1									2.6	4.0
ENE	1.8	1.4	.8									4.1	4.3
E	2.0	2.5	2.0	.3								6.7	5.3
ESE	.4	1.6	1.4	.1								3.5	6.7
SE	.9	1.0	.8	.1								2.9	5.5
SSE	1.2	1.3	.7	.4								3.5	5.7
S	1.4	2.4	1.6	1.3	.3	.3						7.2	7.9
SSW	.5	1.7	1.3	1.0	.1							4.7	7.7
SW	1.2	1.4	1.8	1.2	.1							5.8	7.5
WSW	1.7	1.6	2.0	.7								5.9	6.4
W	.7	2.4	5.8	3.5	.1	.1						12.6	9.1
WNW	.8	1.6	3.1	1.8	.1							7.5	8.3
NW	.7	1.7	3.5	1.6								7.5	8.3
NNW	1.4	3.1	3.8	1.2								9.6	6.9
VARBL													
CALM												6.7	
	19.2	28.3	31.1	13.4	.9	.4						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 762

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	3.9	2.1	.1								7.6	5.6
NNE	1.6	1.4	.3									3.3	3.8
NE	.7	2.1	.5									3.3	4.6
ENE	1.2	1.3	.1									2.6	3.7
E	1.6	2.4	1.3	.4								5.7	5.5
ESE	.3	.8	1.3	.3								2.6	7.0
SE	.1	.7	.3	.3								1.3	6.9
SSE	1.2	.9	.8	.5	.1							3.6	6.5
S	1.2	2.6	1.6	1.2								6.6	6.7
SSW	1.3	2.0	2.1	.5	.3							6.2	6.8
SW	.8	1.8	2.0	.7	.3							5.5	7.5
WSW	1.2	2.0	2.5	.5	.1							6.3	6.6
W	1.8	4.5	2.9	2.1	.4							11.7	7.5
WNW	.7	1.2	2.8	1.8								6.4	8.7
NW	.9	2.5	2.6	.9								7.0	7.2
NNW	1.1	2.1	4.3	1.2	.1							8.8	7.7
VARBL													
CALM												11.4	
	17.0	32.2	27.5	10.5	1.3							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 760

J AFETAC 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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.5	2.5	1.5	.5								7.0	5.1
NNE	1.5	1.7	.3									3.5	3.8
NE	.9	.5										1.5	3.1
ENE	.8	.9	.4									2.1	4.3
E	1.9	2.0	.9	.4								5.2	5.1
ESE	.5	1.3	.8									2.7	5.1
SE	.8	.5	.4									1.7	4.0
SSE	2.7	1.3	.5	.9	.1							5.6	5.7
S	2.3	2.3	1.2	.5	.3							6.5	6.0
SSW	1.7	2.0	.9									4.6	4.6
SW	1.1	.5	.3									1.9	3.7
WSW	3.1	.9		.3								4.2	3.2
W	2.4	1.5	1.1	.4								5.3	5.1
WNW	1.5	1.2	1.3	.5								4.5	6.3
NW	3.2	2.1	.8	.8	.3	.1						7.3	6.1
NNW	2.1	2.3	2.0	.7								7.0	5.9
VARBL													
CALM												29.3	
	28.8	23.6	12.4	5.0	.7	.1						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 753

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	3.6	3.0	2.0	.4								9.0	4.8
NNE	1.7	1.8	.4	.1								3.9	4.2
NE	1.4	.7	.1									2.3	3.2
ENE	1.0	1.7	.3									3.0	4.2
E	.6	2.3	1.3	.3								4.6	6.3
ESE	.7	1.0	.7	.1								2.6	5.7
SE	.7	1.3	.6									2.6	4.8
SSE	1.1	1.9	.9	.1	.1	.1						4.3	6.3
S	2.0	3.2	1.4	.3								6.9	5.1
SSW	1.4	1.4	.7									3.6	4.5
SW	.3	1.7	.1									2.2	4.7
WSW	1.3	.6	.3	.1								2.3	4.4
W	2.4	1.3										3.7	3.0
WNW	1.6	1.7	1.1	.1								4.6	5.3
NW	.9	1.0	1.0	.9	.1							3.9	7.6
NNW	1.6	2.6	1.0	1.4								6.6	6.6
VARBL													
CALM												34.1	
	22.4	27.0	12.1	4.0	.3	.1						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 697

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

SURFACE WINDS

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	2.9	1.8	.2	.0							7.1	5.3
NNE	2.0	2.0	.5	.0								4.5	4.0
NE	1.8	1.6	.3									3.7	3.9
ENE	1.9	1.7	.6	.0								4.2	4.1
E	1.6	2.6	1.6	.3								6.1	5.5
ESE	.5	1.0	1.1	.2								2.8	6.4
SE	.5	.7	.5	.1								1.9	5.3
SSE	1.3	1.3	.6	.4	.1	.0						3.7	5.8
S	1.6	2.3	1.3	.8	.1	.0						6.2	6.3
SSW	1.3	1.7	1.1	.4	.1							4.6	6.0
SW	.8	1.2	1.0	.4	.1							3.5	6.4
WSW	1.5	1.4	1.2	.4	.0							4.5	5.8
W	1.7	2.3	2.4	1.6	.1	.0						8.1	7.4
WNW	1.1	1.8	1.9	.9	.0							5.7	7.1
NW	1.3	1.9	2.2	1.0	.1	.1						6.5	7.4
NNW	1.6	2.3	2.6	.9	.0							7.5	6.6
VARBL													
CALM												19.4	
	22.6	28.6	20.8	7.7	.6	.2						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 4409

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.3	2.3	.9									5.6	4.0
NNE	3.4	1.9	.3									5.6	3.4
NE	2.7	2.6	.9									6.2	4.1
ENE	1.4	2.2	1.2									4.8	4.8
E	1.9	3.2	2.2	.1								7.5	5.2
ESE	.8	.9	1.2	.1	.1							3.1	6.3
SE	1.2	.8	.5	.5								3.0	5.8
SSE	1.7	1.6	1.7	.3		.1						5.3	5.9
S	1.4	1.3	1.9	.8								5.4	6.7
SSW	1.6	.9	.8	.5								3.8	5.5
SW	1.4	.4	.4	.3								2.5	5.1
WSW	.4	1.7	.6	.1								2.8	5.5
W	1.7	1.7	3.0	.8								7.1	6.8
WNW	.8	1.2	1.8	.6								4.4	7.3
NW	.8	1.2	.3	.8	.1							3.1	6.9
NNW	1.0	1.3	1.2	.6								4.1	6.4
VARBL													
CALM												25.7	
	24.5	25.1	18.8	5.6	.3	.1						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 773

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	1.3	3.0	1.9	.4	.1							6.7	6.0
NNE	1.1	2.5	1.3									4.9	5.1
NE	2.0	2.0	.6									4.7	4.1
ENE	2.4	2.6	.8									5.9	4.2
E	1.7	3.1	1.6	.1								6.5	5.1
ESE	.8	2.6	1.3	.7								5.5	6.3
SE	1.2	2.3	1.1	.5	.2							5.3	6.6
SSE	.7	2.0	2.3	1.6	.1							6.7	7.9
S	1.2	2.8	3.1	1.7								8.7	7.4
SSW	1.2	1.3	2.2	.7								5.4	6.7
SW	.7	1.1	1.4	.2								3.5	6.6
WSW	1.7	1.3	1.2	1.1	.1							5.4	6.9
W	1.7	2.4	3.7	1.6	.1							9.4	7.5
WNW	.8	.6	1.9	1.3	.1							4.8	8.6
NW	.6	1.2	1.4	1.8	.2							5.3	8.9
NNW	1.0	.6	1.9	.6								4.1	7.3
VARBL													
CALM												7.4	
	20.1	31.5	27.8	12.2	1.1							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 836

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	1.4	2.2	2.2	.4								6.1	5.8
NNE	.6	.8	1.1									2.5	5.9
NE	.8	1.4	.6									2.9	4.7
ENE	1.7	1.1	.4	.1								3.2	3.9
E	1.3	2.5	1.8									5.6	5.4
ESE	1.1	1.8	1.4	.4								4.7	6.1
SE	1.1	1.4	1.0	.4	.4							4.2	7.2
SSE	1.8	1.9	2.4	.7	.5							7.3	7.3
S	1.8	2.0	4.1	3.7	.4							11.9	8.8
SSW	1.7	1.9	2.7	1.0	.5							7.8	7.7
SW	1.2	2.4	1.7	.6	.2							6.1	6.8
WSW	1.1	2.4	2.2	.8								6.5	6.7
W	2.2	2.0	4.9	1.7								10.8	7.6
WNW	1.0	1.1	1.8	1.1	.5	.1						5.5	8.8
NW	.5	1.0	1.9	2.0	.6							6.0	10.1
NNW	.8	1.0	1.9	.7	.2							4.7	8.0
VARBL													
CALM												4.4	
	20.0	26.9	31.9	13.5	3.2	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 837

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	1.7	2.5	2.3	.5								6.9	6.1
NNE	1.1	.5	.1									1.7	3.4
NE	.6	1.0	.2	.1								1.9	4.9
ENE	.7	1.0	.5	.2								2.4	5.6
E	1.2	1.8	1.7									4.7	5.2
ESE	.8	1.7	1.3	.5	.1							4.4	6.8
SE	.1	1.2	1.4	.5	.2							3.3	8.1
SSE	1.0	1.7	2.4	1.2	.1							6.3	7.8
S	1.6	3.2	4.5	1.9	.2							11.5	7.7
SSW	1.4	3.0	3.1	1.3	.2	.1						9.2	7.4
SW	1.8	1.7	2.2	.5								6.1	6.1
WSW	1.6	2.9	2.5	1.0								7.9	6.5
W	1.1	2.8	3.9	.7	.1							8.6	7.2
WNW	1.0	1.2	2.2	2.0	.1							6.5	8.8
NW	.5	1.0	3.1	1.9								6.5	8.7
NNW	.8	1.6	2.2	1.1	.1							5.7	7.5
VARBL													
CALM												6.3	
	16.9	28.5	33.6	13.4	1.2	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 836

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.4	3.0	1.1	.2								6.7	4.4
NNE	.4	.8	.1									1.3	4.4
NE	.4	.6	.2									1.2	4.9
ENE	1.1	.2	.5									1.8	4.1
E	2.2	1.9	1.7	.1	.1							6.0	5.4
ESE	1.2	1.8	1.0	.5	.1							4.6	6.3
SE	1.1	1.9	1.4	.2	.2							4.9	6.5
SSE	1.2	2.7	1.4	.7	.1							6.1	6.2
S	3.0	3.9	3.9	.6	.1							11.4	5.9
SSW	1.8	2.3	2.2	.4								6.6	5.6
SW	1.1	.5	.1	.1								1.8	4.1
WSW	1.9	.1	.1									2.2	2.6
W	2.7	2.0	1.3	.8								6.9	5.3
WNW	1.2	1.1	1.8	.4	.1							4.6	6.7
NW	.8	1.7	1.3	.5	.1							4.5	6.6
NNW	1.3	3.0	1.7	.8								6.9	6.2
VARBL													
CALM												22.4	
	23.7	27.6	19.9	5.4	1.0							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 830

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	1.6	2.4	1.5									5.5	5.0
NNE	1.9	2.0	.8									4.7	4.2
NE	.7	.4	.3									1.4	4.3
ENE	.8	.5	.5									1.9	5.1
E	.8	1.6	1.2									3.6	5.5
ESE	.4	.5	.9	.7								2.6	8.2
SE	1.2	2.7	1.4	.3								5.5	5.4
SSE	1.1	2.0	1.5	.9								5.5	6.8
S	3.1	5.0	2.8	.5								11.5	5.4
SSW	.9	2.3	2.3	.8								6.4	6.6
SW	1.1	.3	.8	.3	.1							2.6	6.4
WSW	.7			.1								.8	4.0
W	1.6	1.5	.9	.8	.1							5.0	6.1
WNW	.8	1.8	1.2	.1								3.9	6.0
NW	1.8	.5	1.1	.1								3.5	4.9
NNW	.8	2.2	1.1	.1								4.2	5.6
VARBL													
CALM												31.4	
	19.3	25.8	18.4	4.9	.3							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 740

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

SURFACE WINDS

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	1.8	2.6	1.6	.2	.0							6.3	5.3
NNE	1.4	1.4	.6									3.4	4.4
NE	1.2	1.3	.5	.0								3.0	4.4
ENE	1.4	1.3	.6	.1								3.3	4.5
E	1.5	2.4	1.7	.1	.0							5.7	5.3
ESE	.9	1.6	1.2	.5	.1							4.2	6.5
SE	1.0	1.7	1.1	.4	.2							4.4	6.5
SSE	1.2	2.0	2.0	.9	.1	.0						6.2	7.1
S	2.0	3.0	3.4	1.6	.1							10.1	7.0
SSW	1.4	2.0	2.2	.8	.1	.0						6.5	6.8
SW	1.2	1.1	1.1	.3	.1							3.8	6.1
WSW	1.2	1.5	1.1	.5	.0							4.4	6.1
W	1.8	2.1	3.0	1.1	.1							8.1	6.9
WNW	.9	1.1	1.8	.9	.1	.0						5.0	7.9
NW	.8	1.1	1.5	1.2	.2							4.8	8.1
NNW	1.0	1.6	1.7	.7	.1							5.0	6.9
VARBL													
CALM												15.9	
	20.7	27.6	25.3	9.3	1.2	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 4863

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.0	1.6	1.1									4.6	4.6
NNE	5.0	4.3	.9									10.2	3.8
NE	3.5	2.2	.3									6.0	3.3
ENE	3.9	1.6	.7									6.2	3.6
E	1.6	2.5	1.1									5.1	4.7
ESE	.7	1.3	1.7									3.7	6.0
SE	.8	1.4	1.6	.4	.1							4.3	7.0
SSE	.4	1.3	1.8	.5								4.1	7.3
S	2.4	2.6	.9	.1								6.0	4.7
SSW	.9	1.3	.5	.5								3.3	5.8
SW	1.2	1.6	.7	.1								3.5	4.8
WSW	.9	2.1	.4	.3								3.7	5.2
W	2.2	3.4	1.6	.3								7.5	5.2
WNW	.5	1.1	.8	.3								2.6	6.2
NW	.8	1.3	1.4	.4								3.9	6.6
NNW	.3	1.3	.3	.3								2.1	6.7
VARBL													
CALM												23.0	
	27.1	31.0	15.6	3.2	.1							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 761

USAFETAC FORM AR 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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	1.6	1.5	1.7									4.8	5.2
NNE	3.2	2.9	.6									6.7	3.9
NE	2.4	1.6	.1									4.1	3.4
ENE	5.0	3.0	.6									8.6	3.5
E	1.7	2.6	1.2									5.6	4.9
ESE	1.0	1.7	1.4	.1								4.2	5.7
SE	.2	1.9	2.2	.6								5.0	7.7
SSE	1.0	1.5	2.2	1.6								6.3	7.9
S	.9	2.5	2.4	2.0	.2							7.9	8.3
SSW	.6	1.5	2.5	1.1								5.7	7.6
SW	.5	1.5	1.7	.2								4.0	6.7
WSW	1.2	3.1	2.1	.6								7.1	6.1
W	2.0	3.1	2.2	1.2	.4							8.9	7.1
WNW	.2	1.5	2.9	.4								5.0	7.4
NW	.5	1.7	1.7	.9								4.8	7.5
NNW	1.0	1.2	1.2	.5								4.0	6.1
VARBL													
CALM												7.4	
	23.0	32.7	26.9	9.3	.6							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 807

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	1.1	2.2	2.6									5.9	5.9
NNE	1.6	2.0	.4	.1								4.1	4.3
NE	1.4	1.1	.4									2.8	4.1
ENE	2.6	2.1										4.7	3.5
E	1.1	3.2	.7									5.1	4.7
ESE	.5	1.6	1.2	.1								3.5	6.0
SE	.9	1.7	1.7	.7								5.1	7.2
SSE	1.0	1.7	2.1	2.1	.1							7.0	8.2
S	.9	3.5	3.2	1.6	.5	.1						9.8	8.2
SSW	.9	2.1	4.6	1.2		.1						8.9	8.1
SW	.4	1.6	1.7	.6								4.3	7.5
WSW	1.5	2.0	4.2	.4								8.0	6.8
W	.9	2.0	3.8	2.5	.4	.1						9.6	9.1
WNW	1.0	1.0	2.6	.9								5.4	7.4
NW	.5	1.7	2.2	.6								5.1	7.4
NNW	1.2	1.0	1.7	.9								4.8	7.2
VARBL													
CALM												5.8	
	17.3	30.5	33.3	11.7	1.0	.4						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 809

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.0	1.9	2.0	.6								6.4	5.7
NNE	1.2	.7										2.0	3.2
NE	.7	.4	.4									1.5	4.2
ENE	1.2	.6										1.9	3.0
E	1.4	2.2	1.5									5.1	5.0
ESE	.5	1.9	1.5	.2								4.1	6.4
SE	.7	1.5	1.0	1.1								4.3	7.3
SSE	.6	2.2	1.6	1.4								5.8	7.5
S	1.5	4.2	3.8	1.6	.6							11.7	7.6
SSW	2.1	2.5	2.1	1.0	.2							7.9	6.7
SW	1.6	1.7	1.9	.6								5.8	6.1
WSW	2.5	3.3	3.6	.5								9.9	6.0
W	1.4	2.6	4.0	1.2	.7							9.9	8.1
WNW	.9	1.5	1.6	1.5	.2							5.7	8.7
NW	.6	1.2	2.1	.9								4.8	7.5
NNW	1.4	1.7	2.2	.1								5.4	5.8
VARBL													
CALM												7.8	
	20.3	30.2	29.2	10.8	1.9							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 809

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.0	1.6	.6									4.3	4.1
NNE	.8	.6	.1									1.5	3.6
NE	.8	.1	.1									1.0	3.0
ENE	1.3	.1										1.4	2.4
E	1.5	1.8	.4									3.7	4.2
ESE	.9	1.8	.9									3.5	4.6
SE	.9	1.6	1.6	.1								4.3	5.6
SSE	1.1	2.5	1.0	.5								5.2	5.8
S	3.9	3.5	2.4	1.0	.3	.3						11.4	6.1
SSW	2.9	1.9	1.6	.5	.3							7.2	5.5
SW	1.9	.5	.1									2.5	2.9
WSW	2.8	1.0	.1									3.9	3.0
W	3.5	2.7	.9	.1								7.2	4.0
WNW	1.8	2.1	.9	.5								5.3	5.5
NW	1.1	.6	.9	.6	.1							3.4	6.9
NNW	1.6	2.3	1.0	.1								5.1	4.5
VARBL													
CALM												29.1	
	28.8	24.9	12.8	3.5	.6	.3						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 791

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.3	1.7	.9									4.8	4.2
NNE	2.1	.5	.2									2.7	3.3
NE	.9	.5										1.4	2.8
ENE	.5	.9										1.4	3.8
E	.9	.8	.6									2.3	4.5
ESE	.6	.3	.9	.2								2.0	5.9
SE	.8	2.3	1.2									4.2	5.5
SSE	1.7	1.7	.9	.3								4.5	5.0
S	2.9	2.9	3.3	.9	.5	.2						10.5	6.7
SSW	2.0	2.6	1.1	.3	.2							6.0	5.1
SW	1.2	.9	.2	.2								2.4	3.8
WSW	1.4	.3	.3	.2								2.1	4.7
W	3.3	1.7	.9									5.9	3.7
WNW	.8	1.1	.8									2.6	4.9
NW	.5	1.1	.6	.3								2.4	6.2
NNW	1.1	1.8	.5	.2	.2							3.6	5.5
VARBL													
CALM												41.4	
	22.6	20.6	12.2	2.4	.8	.2						100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 665

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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SURFACE WINDS

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	1.7	1.5	.1								5.1	5.1
NNE	2.3	1.8	.4	.0								4.5	3.8
NE	1.6	1.0	.2									2.8	3.5
ENE	2.5	1.4	.2									4.1	3.5
E	1.4	2.3	.9	.0								4.6	4.8
ESE	.7	1.5	1.3	.1								3.5	5.8
SE	.7	1.7	1.8	.5	.0							4.5	6.8
SSE	.9	1.8	1.6	1.1	.0							5.5	7.2
S	2.0	3.2	2.6	1.2	.3	.1						9.6	7.0
SSW	1.6	2.0	2.1	.9	.1	.0						6.7	6.8
SW	1.2	1.4	1.1	.3								3.9	5.7
WSW	1.7	2.0	1.9	.3								5.9	5.7
W	2.2	2.6	2.3	.9	.3	.0						8.2	6.6
WNW	.9	1.4	1.6	.6	.0							4.5	7.0
NW	.7	1.3	1.5	.6	.0							4.1	7.1
NNW	1.1	1.5	1.2	.3	.0							4.2	5.9
VARBL													
CALM												18.4	
	23.1	28.5	21.9	7.1	.8	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 4687

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-74,76,78-81 (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	1.3	.6										1.9	2.7
NNE	5.1	1.3										6.3	2.7
NE	2.5	.6										3.2	2.6
ENE	1.3	.6	.6									2.5	4.5
E	1.9	2.5	.6									5.1	4.4
ESE	.6	1.3										1.9	3.7
SE	.6	1.9										2.5	3.5
SSE	1.9	.6	.6									3.2	3.8
S	5.7	1.9	.6									8.2	3.3
SSW	2.5	.6	.6									3.8	3.7
SW	.6	.6	.6									1.9	4.3
WSW	.6	.6										1.3	3.5
W	1.9	.6	.6									3.2	4.4
WNW	.6	.6										1.3	3.5
NW		.6										.6	5.0
NNW	.6	1.3										1.9	3.7
VARBL													
CALM												51.3	
	27.6	16.5	4.4									100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 158

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	1.4	1.6	.2									3.2	3.9
NNE	5.0	4.3	.2									9.6	3.6
NE	3.2	2.2	.2									5.6	3.3
ENE	3.1	2.8	.7									6.6	3.8
E	1.4	2.5	1.6	.1								5.6	5.3
ESE	.8	1.4	.5									2.8	4.8
SE	.6	1.7	1.0									3.2	5.6
SSE	2.0	1.8	1.1									4.9	4.6
S	2.2	1.9	1.0	.4	.1							5.5	5.5
SSW	1.9	1.2	.2	.1	.1							3.6	4.3
SW	1.4	1.1	.2									2.8	3.5
WSW	1.6	2.6	.1									4.3	3.8
W	1.9	2.9	.7									5.5	4.2
WNW	1.2	1.3	.8									3.4	4.9
NW	1.3	.5	.8	.1								2.8	5.0
NNW	.7	.5	.1									1.3	3.9
VARBL													
CALM												29.3	
	30.0	30.2	9.6	.7	.2							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 834

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.8	2.3	1.6									6.6	4.4
NNE	3.7	3.0	1.1									7.8	4.1
NE	1.6	2.2	.4	.1								4.2	4.1
ENE	3.5	3.5	.6									7.6	3.8
E	2.8	3.7	.8	.2								7.6	4.3
ESE	.5	1.6	1.9	.1								4.1	6.4
SE	.4	.5	1.3									.2	6.6
SSE	1.6	1.6	1.3	.7								5.2	6.0
S	1.3	2.9	2.9	.6								7.7	6.2
SSW	.7	2.0	1.7	.5	.1							5.0	6.9
SW	1.9	1.7	1.6		.1							5.3	5.2
WSW	1.8	3.1	2.4	.2								7.6	5.7
W	1.9	4.0	3.5	.2	.1							9.7	6.0
WNW	.8	1.8	1.4	.1								4.2	5.7
NW	.6	1.3	.8	.4								3.1	6.3
NNW	1.3	1.0	.5	.1								2.9	4.4
VARBL													
CALM												9.4	
	27.1	36.0	23.8	3.9	.9							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 833

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.9	4.1	1.4									8.4	4.5
NNE	1.2	2.4	1.0	.1								4.7	4.9
NE	.8	1.0	.4	.1								2.3	5.3
ENE	1.3	2.8	.7									4.8	4.5
E	1.4	1.8	1.1	.1								4.4	5.1
ESE	.7	1.4	.8	.2								3.2	5.7
SE	.2	.8	1.0									2.0	6.5
SSE	.7	2.0	.8	.4								4.0	5.9
S	2.3	3.7	3.2	1.7	.1							11.1	6.7
SSW	1.3	2.6	3.0	.8	.1							7.9	7.0
SW	1.2	2.0	1.7	.6								5.5	6.3
WSW	1.2	4.0	2.4	.5								8.1	6.0
W	2.0	4.9	4.4	.8		.1						12.4	6.5
WNW	.5	1.6	2.0	.7								4.8	7.3
NW	.7	1.0	1.1	.5								3.2	6.9
NNW	1.8	2.8	1.6	.2								6.4	5.3
VARBL													
CALM												6.7	
	20.4	38.9	26.7	6.9	.2	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 832

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.0	3.1	2.2	.1								7.4	5.0
NNE	2.4	1.4	.7									4.6	4.0
NE	1.4	.7	.4									2.5	3.9
ENE	1.4	1.4	.7	.1								3.7	4.7
E	1.8	.7	1.4	.1			.1					4.2	5.8
ESE	.4	.5	.6									1.4	5.8
SE	1.1	.8	1.1	.2								3.2	5.7
SSE	1.3	2.2	1.7									5.2	5.4
S	.8	3.2	2.6	.8								7.6	6.9
SSW	2.3	3.6	1.4	.4	.4							8.0	5.9
SW	1.8	2.9	2.5	.4								7.6	5.9
WSW	2.2	3.5	2.5	.4								8.5	5.7
W	2.9	5.5	2.8	.7								11.9	5.5
WNW	1.4	2.3	1.8	.5								6.0	6.1
NW	1.2	2.3	1.6	.2								5.3	5.6
NNW	1.3	2.6	1.6	.1								5.6	5.6
VARBL													
CALM												7.3	
	25.8	36.8	25.9	4.1	.4		.1					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 834

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.5	1.1	.5									5.1	3.4
NNE	2.7	1.6	.4									4.6	3.2
NE	1.7	1.0	.6									3.3	4.1
ENE	1.0	.7	.1	.1								1.9	4.3
E	2.2	1.5	.6									4.3	4.0
ESE	.4	.5	.2		.1							1.2	6.4
SE	1.2	.7	.7	.1								2.8	4.8
SSE	1.2	2.6	.6	.2								4.6	5.0
S	3.4	4.3	.9									8.5	4.2
SSW	2.4	1.7	.7	.4								5.2	4.5
SW	1.1	.9	.2	.1								2.3	4.1
WSW	2.1	1.0	.2									3.3	3.2
W	4.6	1.8	.9									7.3	3.6
WNW	1.3	1.6	.5	.1								3.5	4.6
NW	.7	.6	.4									1.7	4.7
NNW	1.7	2.1	.2									4.0	3.8
VARBL													
CALM												36.3	
	31.2	23.5	7.8	1.1	.1							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 823

USAFETAC FORM AIR 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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.9	1.5	.2									4.6	3.1
NNE	2.0	1.3										3.3	3.1
NE	1.1	1.1	.7									2.9	4.6
ENE	.9	.7	.2									1.8	3.6
E	1.1	1.3	.5									2.9	4.1
ESE	.7	.5	.2									1.5	3.8
SE	.9	1.5	.4	.2								2.9	5.1
SSE	1.5	1.8	.7									4.0	4.5
S	3.6	2.9	.7	.2								7.7	4.1
SSW	1.3	1.5	.9	.2								3.8	5.2
SW	.7	.9	.4	.4								2.4	5.5
WSW	1.6	.4	.2		.2							2.4	4.4
W	1.1	.4	.2									1.6	3.0
WNW	.9	.9	.5	.2								2.6	5.0
NW	.7	.2	.4									1.3	4.3
NNW	2.0	.5	.9									3.5	4.2
VARBL													
CALM												50.8	
	23.9	17.9	7.1	1.1	.2							100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 547

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

SURFACE WINDS

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.5	2.3	1.0	.0								5.8	4.2
NNE	3.0	2.4	.6	.0								5.9	3.8
NE	1.7	1.3	.4	.0								3.5	4.0
ENE	1.9	2.0	.5	.0								4.5	4.1
E	1.8	2.0	1.0	.1			.0					5.0	4.8
ESE	.6	1.0	.7	.1	.0							2.4	5.6
SE	.7	1.0	.9	.1								2.7	5.6
SSE	1.4	2.0	1.0	.2								4.6	5.2
S	2.3	3.1	1.9	.6	.0							8.0	5.7
SSW	1.7	2.1	1.3	.4	.1							5.7	5.8
SW	1.4	1.6	1.1	.2	.0							4.3	5.4
WSW	1.7	2.5	1.3	.2	.0							5.7	5.2
W	2.5	3.3	2.1	.3	.0	.0						8.3	5.4
WNW	1.0	1.6	1.2	.3								4.1	5.7
NW	.9	1.0	.8	.2								2.9	5.7
NNW	1.4	1.6	.8	.1								3.9	4.8
VARBL													
CALM												22.6	
	26.6	30.8	16.9	2.9	.2	.0	.0					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 4865

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73,75-76,78-81 (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	.7	1.3	.7									2.6	4.5
NNE	4.0	.7										4.6	2.7
NE	2.0	.7										2.6	2.5
ENE	2.0	1.3										3.3	3.0
E	1.3	2.6	.7									4.6	4.7
ESE													
SE	.7	.7										1.3	3.5
SSE	.7	1.3										2.0	3.3
S	4.6	.7										5.3	2.1
SSW	2.6	.7										3.3	2.4
SW	1.3	2.0										3.3	3.0
WSW	1.3	1.3										2.6	3.5
W	1.3											1.3	2.0
WNW	.7											.7	2.0
NW	.7											.7	2.0
NNW													
VARBL													
CALM												61.6	
	23.8	13.2	1.3									100.0	1.2

TOTAL NUMBER OF OBSERVATIONS 151

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.5	1.6	.5									4.6	3.9
NNE	6.1	2.8	.4									9.3	3.1
NE	2.9	2.4	.5									5.8	3.8
ENE	3.4	1.3	.5	.1								5.3	3.7
E	1.4	2.1	.6	.1								4.3	4.8
ESE	.6	1.1	.5									2.3	4.9
SE	.8	1.3	.4									2.4	4.7
SSE	1.5	1.4	.4									3.3	3.8
S	3.8	2.0	.6									6.4	3.3
SSW	2.4	.6	.1									3.1	3.1
SW	2.4	1.0	.6									4.0	3.7
WSW	2.9	2.6	1.5									7.0	4.3
W	2.6	2.4	.8									5.8	4.0
WNW	.6	1.1	.3									2.0	4.3
NW	1.0	.3	.1									1.4	3.0
NNW	1.0	.3	.1									1.4	3.1
VARBL													
CALM												31.7	
	35.9	24.2	7.9	.3								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 797

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	3.5	2.5	1.5									7.5	4.2
NNE	3.7	3.6	.1	.1								7.6	3.8
NE	3.2	3.0	.6									6.9	3.9
ENE	2.4	1.7	1.4									5.5	4.3
E	3.2	1.4	1.5									6.1	4.3
ESE	.4	.7	.5									1.6	5.5
SE	1.2	2.0	.7	.1								4.1	4.9
SSE	.9	1.2	.4	.1								2.6	4.8
S	2.0	2.0	1.1	.1								5.2	4.8
SSW	1.9	2.4	1.1	.1								5.5	4.7
SW	1.2	2.2	.7	.1								4.4	4.8
WSW	2.6	3.7	1.9	.2								8.5	5.2
W	3.4	5.9	3.2									12.5	5.0
WNW	1.5	3.0	.7									5.2	4.5
NW	.5	1.1	.2	.1								2.0	5.0
NNW	2.5	1.2	.6	.2								4.6	4.3
VARBL													
CALM												10.1	
	34.2	37.8	16.5	1.4								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 801

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.1	3.0	1.6	.2								7.0	5.2
NNE	1.5	4.5	1.0									7.0	4.6
NE	1.5	1.7	.4									3.6	4.0
ENE	1.9	3.0	.5	.1								5.5	4.4
E	1.2	3.6	.7									5.6	4.8
ESE	.9	.9	.7									2.5	4.8
SE	.2	1.0	.4									1.6	5.1
SSE	1.0	1.7	.7	.1								3.6	5.2
S	1.6	3.7	1.9	.4								7.6	5.6
SSW	1.5	2.4	2.5									6.4	5.6
SW	1.0	3.2	1.9									6.1	5.4
WSW	2.0	4.4	3.5	.4								10.2	6.0
W	2.4	6.5	3.4	.2								12.5	5.4
WNW	1.5	2.4	1.5	.1								5.5	5.2
NW	1.6	1.2	1.2	.1								4.2	4.9
NNW	2.9	1.2	.9	.1								5.1	4.1
VARBL													
CALM												5.9	
	24.8	44.6	22.8	1.9								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 801

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	3.7	1.9	.2								8.7	5.1
NNE	2.2	2.4	.9									5.5	4.3
NE	1.1	1.6	.4									3.1	4.2
ENE	1.0	1.4	.7	.1								3.2	4.8
E	2.5	3.7	1.4	.1								7.7	4.7
ESE	.9	.7	.6									2.2	4.6
SE	.2	1.1	1.0									2.4	6.2
SSE	.6	1.7	.5									2.9	5.1
S	.7	3.0	1.5	.1	.1							5.5	5.8
SSW	2.5	3.9	1.9	.2								8.5	5.0
SW	1.6	3.7	1.2	.1								6.7	4.9
WSW	2.1	4.9	3.4	.1								10.5	5.5
W	2.1	6.2	3.4	.4								12.1	5.6
WNW	1.6	1.9	1.5	.1								5.1	5.3
NW	.7	1.2	.7	.2								3.0	5.8
NNW	1.2	2.0	1.0	.2								4.5	5.2
VARBL													
CALM												8.2	
	24.2	43.3	22.0	2.1	.1							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 801

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.9	1.6	.9	.1	.1							5.6	4.4
NNE	2.7	1.1	.1									4.0	3.0
NE	1.1	.4	.1									1.6	3.5
ENE	2.6	.2	.2									3.1	3.1
E	1.9	2.5	.5									4.9	4.2
ESE	.9	1.9	.2									3.0	4.3
SE	1.1	1.4	.4									2.9	4.5
SSE	1.0	.5	.1	.1								1.7	4.1
S	3.6	3.2	.4	.2								7.5	3.9
SSW	4.0	2.0	.1	.1								6.2	3.3
SW	3.5	2.5	.2									6.2	3.3
WSW	3.4	2.0	.7	.2								6.4	3.8
W	2.4	2.5	.5									5.4	3.9
WNW	2.4	1.7	.2									4.4	3.5
NW	.6	.9	.4									1.9	4.5
NNW	1.1	1.5	.7	.1								3.5	5.0
VARBL													
CALM												31.7	
	35.2	26.0	6.0	1.0	.1							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 801

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	1.1	1.5	.9									3.5	4.9
NNE	2.2	.6	.2									3.0	2.8
NE	1.3	.6	.2									2.1	3.8
ENE	.2	.7	.2									1.1	5.3
E	1.7	.9	.2									2.8	3.3
ESE	.9	1.3	.6									2.8	4.5
SE	1.1	1.3	.6									3.0	4.4
SSE	1.5	.9	.6	.2								3.2	4.4
S	2.4	3.0	.4	.2								6.0	4.1
SSW	3.0	1.1	.6									4.7	3.3
SW	2.8	.7	.2									3.7	3.1
WSW	2.2	1.7	.2									4.1	3.3
W	2.2	.9										3.2	2.7
WNW	.9	.2										1.1	2.5
NW	1.1	.4										1.5	2.5
NNW	.7	1.1										1.9	3.9
VARBL													
CALM												52.4	
	25.6	17.0	4.7	.4								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 536

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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SURFACE WINDS

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.5	2.3	1.2	.1	.0							6.2	4.7
NNE	3.2	2.5	.4	.0								6.2	3.7
NE	1.9	1.6	.4									3.9	3.9
ENE	2.0	1.4	.6	.1								4.1	4.1
E	2.0	2.5	.9	.0								5.4	4.5
ESE	.7	1.1	.5									2.3	4.7
SE	.8	1.3	.6	.0								2.7	4.9
SSE	1.0	1.3	.4	.1								2.8	4.6
S	2.4	2.8	1.0	.2	.0							6.4	4.5
SSW	2.5	2.1	1.0	.1								5.7	4.4
SW	2.0	2.3	.8	.0								5.2	4.3
WSW	2.5	3.2	1.9	.2								7.8	5.0
W	2.5	4.1	1.9	.1								8.6	4.9
WNW	1.4	1.7	.7	.0								3.9	4.6
NW	.9	.9	.5	.1								2.3	4.6
NNW	1.6	1.2	.6	.1								3.5	4.5
VARBL													
CALM												22.9	
	30.0	32.4	13.9	1.2	.0							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 4690

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-74,77-81 (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	.6	.6										1.3	3.5
NNE	2.5		.6									3.2	3.6
NE	3.2	1.3										4.5	2.6
ENE	3.8	1.9										5.7	2.9
E	3.8	2.5										6.4	3.1
ESE	2.5	1.3										3.8	3.2
SE			.6									.6	7.0
SSE	1.3											1.3	3.0
S	.6	.6										1.3	3.5
SSW	1.9	.6										2.5	2.5
SW	1.3											1.3	2.0
WSW	1.9											1.9	2.3
W													
WNW	.6											.6	1.0
NW	.6											.6	2.0
NNW													
VARBL													
CALM												65.0	
	24.8	8.9	1.3									100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 157

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	.2	.1									1.8	2.8
NNE	4.9	1.1										6.0	2.6
NE	2.9	1.3										4.2	2.9
ENE	2.5	2.0										4.5	3.3
E	3.5	2.6	1.7	.1								7.9	4.4
ESE	1.4	1.1	.4	.2								3.1	4.9
SE	1.1	.7	.1	.1								2.0	4.2
SSE	1.1	.8	.1									2.0	3.9
S	2.8	.6	.1									3.5	2.6
SSW	1.9	.7	.2									2.9	3.3
SW	1.7	.5	.2									2.4	3.2
WSW	4.4	2.4	.2									7.1	3.1
W	5.1	2.5	.1									7.8	3.0
WNW	1.9	.8										2.8	2.8
NW	1.2	.7										1.9	2.9
NNW	1.4	.4										1.8	2.5
VARBL													
CALM												38.4	
	39.2	18.5	3.3	.5								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 836

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	4.1	1.8	.4									6.2	3.1
NNE	2.7	2.5										5.3	3.2
NE	3.0	1.9										4.9	3.2
ENE	3.8	3.7	.5									8.0	3.8
E	2.3	3.3	1.0									6.6	4.3
ESE	1.6	1.3	.8	.5								4.2	5.7
SE	.6	1.0	.6	.1								2.3	5.3
SSE	.6	1.0	.2	.1								1.9	4.8
S	2.9	1.2	.8									4.9	3.9
SSW	1.7	1.4	.5									3.6	3.8
SW	2.6	1.7	.8									5.1	4.1
WSW	3.1	4.1	.7									7.9	4.0
W	3.0	5.1	1.3									9.4	4.4
WNW	2.3	2.0	.2									4.5	3.6
NW	1.0	2.3	.2									3.5	3.9
NNW	3.6	1.7	.5									5.7	3.3
VARBL													
CALM												16.0	
	38.7	36.0	8.6	.7								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 837

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.6	2.0	.4									6.0	3.4
NNE	2.4	3.6	.4									6.4	3.9
NE	1.7	2.2	.2									4.1	4.1
ENE	2.8	3.2	.5									6.5	3.9
E	1.4	3.8	2.3									7.6	5.3
ESE	1.2	1.1	1.2	.6								4.1	6.5
SE	.5	1.0	.6	.2								2.3	6.2
SSE	.7	1.3	.5	.1								2.6	5.3
S	1.9	2.3	1.2	.4								5.8	5.1
SSW	1.1	3.1	.4	.1	.1							4.8	5.1
SW	1.2	2.3	.6									4.1	4.7
WSW	2.4	4.3	2.4									9.1	5.0
W	3.0	4.4	3.7	.4								11.5	5.3
WNW	1.7	3.6	.8	.1								6.2	4.9
NW	1.1	1.3	.4	.2								3.0	5.1
NNW	3.5	2.4	.6	.2								6.7	4.0
VARBL													
CALM												9.2	
	30.1	42.0	16.1	2.4	.1							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 833

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.8	2.5	1.0	.1								6.4	4.0
NNE	2.8	4.0	.4									7.2	3.9
NE	1.9	1.6	.1	.1								3.8	4.0
ENE	1.7	2.1	.6	.1								4.5	4.4
E	2.8	3.4	1.1									7.3	4.3
ESE	.2	.7	1.2	.4								2.5	7.7
SE	.2	1.3	.6	.6								.8	7.3
SSE	1.1	1.3	1.1	.2								3.3	5.7
S	.8	2.4	2.3	.6								6.2	6.8
SSW	1.0	3.3	1.5	.1								5.8	5.5
SW	1.8	2.5	.7	.1								5.2	4.3
WSW	2.5	3.3	.7	.1								6.7	4.5
W	3.8	5.8	3.4	.5								13.5	5.4
WNW	1.6	2.7	.6	.1								5.0	4.7
NW	1.5	1.6	.1									3.2	3.7
NNW	2.4	2.2	.6	.1								5.3	4.2
VARBL													
CALM												10.9	
	29.0	40.8	16.0	3.3								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 824

USAFETAC FORM AR 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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.2	.4	.1									2.7	2.8
NNE	1.3	.2	.1									1.7	2.8
NE	1.6	.7	.1									2.4	3.1
ENE	1.1	.5										1.6	2.7
E	2.1	3.3	1.0	.2	.1							6.7	5.1
ESE	.6	.9		.5								1.9	5.9
SE	.9	.9	1.0	.4								3.0	6.0
SSE	1.3	2.7	.6									4.6	4.4
S	3.6	2.8	1.1	.2								7.8	4.3
SSW	3.6	2.6	.1									6.3	3.4
SW	2.4	1.5	.6									4.5	3.6
WSW	3.8	1.5	.7									6.0	3.5
W	5.2	3.4	.2									8.9	3.3
WNW	2.9	.5										3.4	2.4
NW	1.0	.2										1.2	2.6
NNW	1.7	.5	.2									2.4	3.4
VARBL													
CALM												34.8	
	35.4	22.4	6.0	1.3	.1							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 822

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.7	.5									1.6	5.8
NNE	.4	.2		.2								.7	5.8
NE	1.6	.4	.2									2.2	3.2
ENE	1.3	.5										1.8	3.2
E	2.0	1.5	.4									3.8	3.9
ESE	1.3	1.8	.5									3.6	4.4
SE	1.6	1.5	.7									3.8	4.5
SSE	2.4	2.0	.5									4.9	4.2
S	3.3	2.5	.4									6.2	3.5
SSW	2.0	1.3										3.3	3.0
SW	3.1	.4										3.5	2.2
WSW	3.8	.7										4.5	2.4
W	2.9	.9	.2									4.0	3.0
WNW	.7	.4	.2									1.3	3.6
NW	.7	.2										.9	2.4
NNW	.4	.5										.9	3.8
VARBL													
CALM												52.9	
	27.8	15.5	3.6	.2								100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 550

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

SURFACE WINDS

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.5	1.3	.4	.0								4.2	3.5
NNE	2.6	2.0	.2	.0								4.7	3.5
NE	2.2	1.4	.1	.0								3.7	3.4
ENE	2.3	2.1	.3	.0								4.7	3.7
E	2.4	3.1	1.2	.1	.0							6.8	4.6
ESE	1.1	1.1	.7	.4								3.3	5.8
SE	.7	1.0	.6	.2								2.6	5.7
SSE	1.1	1.4	.5	.1								3.1	4.7
S	2.4	1.9	1.0	.2								5.5	4.6
SSW	1.9	2.1	.5	.0	.0							4.4	4.2
SW	2.1	1.5	.5	.0								4.1	3.9
WSW	3.3	2.7	.8	.0								6.9	3.9
W	3.8	3.7	1.5	.1								9.2	4.4
WNW	1.9	1.7	.3	.0								3.9	3.9
NW	1.1	1.1	.1	.0								2.3	3.8
NNW	2.2	1.3	.3	.1								3.9	3.7
VARBL													
CALM												26.8	
	33.4	29.3	9.0	1.4	.0							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 4859

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73,75-76,78-81 (YEARS) AUG (MONTH)

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

(CONDITION)

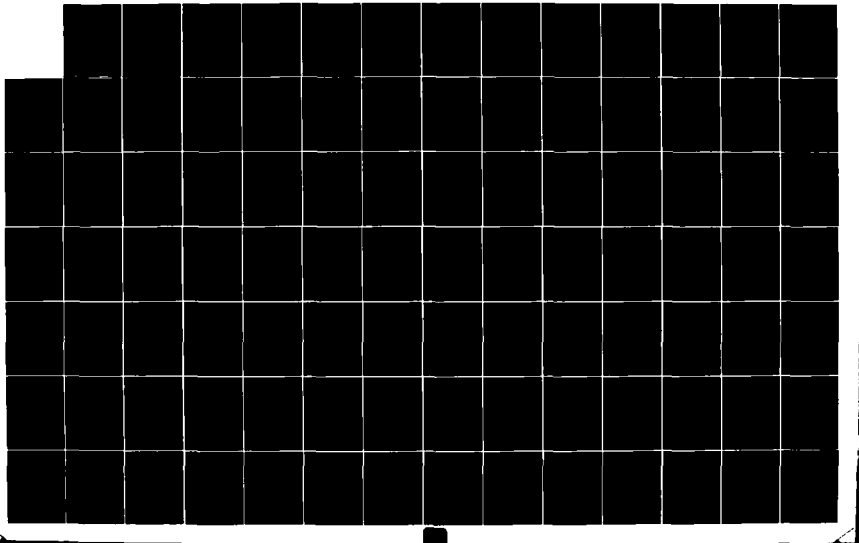
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7											.7	3.0
NNE	2.9	1.4										4.3	2.5
NE	2.2											2.2	2.3
ENE	7.2	1.4										8.7	2.6
E	3.6	.7										4.3	2.2
ESE		1.4	.7									2.2	6.0
SE		.7										.7	4.0
SSE	.7											.7	2.0
S	4.3											4.3	2.2
SSW	2.2											2.2	1.3
SW	1.4											1.4	2.5
WSW	1.4											1.4	2.0
W	.7											.7	3.0
WNW	.7											.7	2.0
NW	.7											.7	2.0
NNW													
VARBL													
CALM												64.5	
	29.0	5.8	.7									100.0	.9

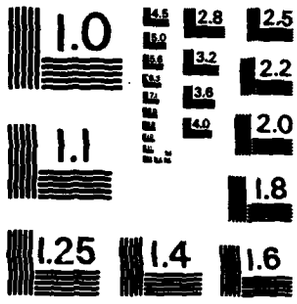
TOTAL NUMBER OF OBSERVATIONS 138

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

AD-A122 716 MAXWELL AFB ALABAMA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIO..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 24 AUG 82 2/5

UNCLASSIFIED USAFETAC/DS-82/081 SBI-AD-E000 209 F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	1.6	.2	.1									1.9	2.9
NNE	5.9	2.7	.1									8.7	3.0
NE	4.2	2.2										6.3	3.1
ENE	4.7	2.9										7.5	3.1
E	4.7	4.7	1.4									10.8	4.1
ESE	1.3	.7	.6									2.6	4.4
SE	1.4	1.1										2.5	3.3
SSE	1.6	.5										2.0	2.7
S	2.3	.8										3.1	2.8
SSW	1.2	.4										1.6	2.6
SW	2.0	.1										2.2	2.2
WSW	1.7	.5	.1									2.3	2.8
W	2.5	.5										3.0	2.4
WNW	.7	.4	.1									1.2	3.4
NW	.4	.1										.5	2.8
NNW	.2	.4										.6	3.8
VARBL													
CALM												43.2	
	36.2	18.0	2.5									100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM AIR 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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.6	1.0	.2									3.8	3.1
NNE	3.9	1.9	.2									6.1	3.2
NE	3.5	2.6	.1									6.2	3.5
ENE	5.0	4.5	1.0									10.5	3.8
E	6.7	6.5	2.2	.1								15.4	4.2
ESE	1.9	1.8	1.0	.1								4.8	4.6
SE	1.2	1.7										2.9	3.7
SSE	1.8	1.7	.2									3.7	3.7
S	2.9	1.2	.7									4.8	3.7
SSW	2.5	1.0	.1									3.6	3.0
SW	1.0	1.1										2.0	3.5
WSW	2.6	2.2	.1									4.9	3.4
W	3.8	3.1	.1									7.0	3.9
WNW	1.9	1.0										2.9	3.2
NW	1.0	1.2	.1									2.3	3.7
NNW	1.9	.7	.2									2.9	3.0
VARBL													
CALM												16.2	
	44.2	33.0	6.3	.2								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 837

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.6	2.7	.5									6.8	3.6
NNE	3.6	4.1	.8									8.5	4.1
NE	1.7	2.8	.8									5.4	4.4
ENE	2.2	3.2	1.3									6.7	4.7
E	3.7	5.6	3.6									12.9	5.0
ESE	1.0	2.9	1.3	.5								5.6	5.9
SE	.7	1.7	.7									3.1	4.8
SSE	.7	1.7	.6	.1								3.1	5.0
S	1.0	2.9	1.0	.2								5.0	5.1
SSW	1.3	2.2	.7									4.2	4.5
SW	1.4	3.1	1.0									5.5	4.6
WSW	1.7	3.8	.5									6.0	4.4
W	2.9	6.3	.6	.1								9.9	4.3
WNW	1.1	1.0	.4									2.4	4.1
NW	.6	.8										1.4	3.8
NNW	2.5	2.0	.4									4.9	3.8
VARBL													
CALM												8.6	
	29.5	46.8	14.1	1.0								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 837

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.7	3.1	.5		.1							7.4	3.9
NNE	3.6	3.3	1.0									7.9	4.0
NE	1.6	2.9	.4									4.8	4.3
ENE	1.4	2.5	1.4									5.4	5.2
E	2.4	4.1	2.0	.1								8.6	5.2
ESE	.6	1.3	2.0									3.9	6.2
SE	.8	1.8	1.1	.1								3.8	5.5
SSE	1.2	1.6	.7	.1		.1						3.7	5.5
S	1.7	3.6	1.3	.8								7.0	5.5
SSW	1.6	3.5	1.0	.1								6.1	4.9
SW	2.4	2.2	.6	.1								5.3	4.0
WSW	3.0	4.2	.8									8.0	4.2
W	3.1	3.0	.8	.1								7.0	4.2
WNW	2.4	1.4	.5									4.3	3.7
NW	1.9	.8		.1								2.6	3.0
NNW	1.9	1.4	.5	.1								3.9	4.3
VARBL													
CALM												10.2	
	33.2	40.4	14.6	1.4	.1	.1						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 837

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.8	.8	.1									3.7	2.8
NNE	2.6	.6										3.2	2.6
NE	2.3	1.1		.1								3.5	3.4
ENE	2.9	1.4	.1									4.4	3.1
E	2.6	2.0	1.0	.2								5.9	4.4
ESE	1.3	1.8	.5									3.6	4.0
SE	1.3	1.2	.2									2.8	3.9
SSE	2.8	1.4	.4									4.5	3.5
S	3.2	3.6	.7	.1								7.7	4.1
SSW	2.9	2.0	.1	.1								4.8	3.7
SW	2.5	1.4										3.9	3.0
WSW	2.2	.6	.4									3.1	3.3
W	2.8	1.2	.5	.1								4.5	3.7
WNW	1.2	1.0										2.2	3.4
NW	.7	.4	.1									1.2	3.9
NNW	1.4	.7	.1									2.3	3.4
VARBL													
CALM												38.8	
	35.0	21.3	4.2	.7								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 836

USAFETAC FORM AIR 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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	1.6	1.2										2.8	2.9
NNE	3.0	.4		.2								3.6	3.0
NE	2.3	.4										2.7	2.5
ENE	1.2	.9	.2									2.3	3.1
E	4.6	2.0	.9									7.5	3.5
ESE	1.6	.9	.4									2.8	3.7
SE	1.6	1.6	.5	.2								3.9	4.4
SSE	1.2	.7	.2									2.1	3.4
S	4.3	3.2	.2									7.6	3.4
SSW	2.5	.9	.5									3.9	3.5
SW	1.1	1.1										2.1	3.2
WSW	.7											.7	2.0
W	1.6	.2	.2									2.0	2.7
WNW	.5	.2										.7	2.8
NW	.9	.2										1.1	2.3
NNW	.4	.5										.9	3.8
VARBL													
CALM												53.3	
	29.2	14.2	3.0	.4								100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 563

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

SURFACE WINDS

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.6	1.5	.2		.0							4.4	3.4
NNE	3.8	2.2	.4	.0								6.4	3.4
NE	2.6	2.0	.2	.0								4.8	3.6
ENE	3.1	2.7	.7									6.4	3.9
E	4.1	4.2	1.8	.1								10.2	4.5
ESE	1.2	1.6	1.0	.1								3.9	5.0
SE	1.1	1.5	.4	.0								3.0	4.4
SSE	1.5	1.2	.3	.0		.0						3.2	4.1
S	2.5	2.4	.7	.1								5.7	4.2
SSW	1.9	1.6	.4	.0								4.0	3.9
SW	1.8	1.5	.3	.0								3.5	3.7
WSW	2.1	1.9	.3									4.3	3.8
W	2.8	2.4	.4	.1								5.6	3.8
WNW	1.3	.8	.2									2.3	3.5
NW	.9	.6	.0	.0								1.5	3.4
NNW	1.4	1.0	.2	.0								2.6	3.7
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	28.0	
	34.7	29.1	7.5	.6	.0	.0						100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 4895

USAFETAC FORM AWS 66 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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 74,76,78-81 (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	1.6	1.6	1.6									4.8	4.7
NNE	8.0	4.0										12.0	3.0
NE	4.8	3.2										8.0	2.7
ENE	4.0	2.4										6.4	3.4
E	2.4	7.2		.8	.8							11.2	6.0
ESE	.8			.8								1.6	9.0
SE			.8									.8	8.0
SSE	.8											.8	2.0
S													
SSW	.8											.8	2.0
SW													
WSW													
W	.8											.8	2.0
WNW	.8	.8										1.6	3.0
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	51.2	
	29.8	19.2	2.4	1.6	.8							100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 125

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.4	2.5	.1									5.0	3.7
NNE	6.8	4.5	.7	.1								11.8	3.6
NE	4.3	5.6	1.1									11.0	4.1
ENE	5.6	5.2	1.2	.1								12.1	4.1
E	3.0	4.6	1.9	.2								9.9	4.9
ESE	1.9	1.6	.5	.2								4.2	4.6
SE	.5	1.2	.1		.1							1.9	5.6
SSE	.6	.9	.2									1.7	4.3
S	1.2	1.1	.1									2.5	3.4
SSW	.9	.5	.1									1.5	3.6
SW	1.0	.2	.1									1.4	3.1
WSW	.6	.5										1.1	2.8
W	.7	1.0	.2									2.0	4.2
WNW	1.0	.7	.4									2.1	4.2
NW	.6	.4										1.0	2.9
NNW	.4	.6										1.0	3.8
VARBL													
CALM												30.0	
	31.1	31.2	6.9	.7	.1							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 808

USAFETAC FORM AIR 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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.2	2.2	1.4	.2		.1						6.2	5.3
NNE	3.5	4.3	.7	.1								8.7	4.2
NE	3.6	3.7	1.5	.1								8.9	4.3
ENE	4.9	5.1	2.9	.5								13.0	4.7
E	4.0	6.7	5.1	.1								15.8	5.4
ESE	1.6	2.6	1.7									5.9	5.3
SE	1.1	.6	.6	.2		.1						2.7	6.1
SSE	1.6	1.6	.5		.1	.1						4.0	5.4
S	1.2	1.4	1.1									3.7	5.2
SSW	1.0	.9	.7	.1								2.7	5.1
SW	1.1	.9	.6									2.6	4.3
WSW	1.0	1.3	.3									3.0	4.4
W	1.7	2.0	.9									4.6	4.2
WNW	1.1	1.1	.5			.1						2.8	5.2
NW	.9	.9	.6									2.3	4.8
NNW	1.0	1.2	.5									2.7	4.7
VARBL													
CALM												10.4	
	31.5	36.6	19.9	1.5	.1	.5						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 809

USAFETAC FORM AWS 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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.2	4.3	1.7	.4								9.6	5.0
NNE	3.6	4.7	2.0									10.2	4.5
NE	2.0	3.2	1.1									6.3	4.7
ENE	2.7	4.7	1.7	.4								9.5	4.9
E	2.8	6.7	3.8	.4								13.7	5.7
ESE	1.2	2.0	1.6	.4								5.2	5.1
SE	.7	2.3	.6	.4								4.1	5.5
SSE	1.4	1.4	1.4									4.1	5.1
S	1.0	1.0	.9	.2	.2							3.3	6.2
SSW	.6	2.3	.6	.4		.1						4.1	6.2
SW	.9	1.2	.6	.2								3.0	5.3
WSW	2.0	3.2	.7									5.9	4.5
W	1.7	3.3	.6	.5								6.2	5.0
WNW	1.2	1.7	.6									3.6	4.6
NW	1.2	.9	1.0									3.1	4.8
NNW	.2	1.7	1.2	.2								3.5	6.4
VARBL													
CALM												4.7	
	26.5	44.7	20.2	3.5	.2	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 810

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.6	5.2	2.1									11.9	4.5
NNE	3.5	4.1	1.0	.1								8.7	4.1
NE	1.6	4.0	.5	.1								6.2	4.4
ENE	2.2	4.0	.9	.4								7.4	4.9
E	1.9	5.7	3.1	.1								10.8	5.5
ESE	.9	1.7	1.6	.4								4.6	6.3
SE	1.1	1.9	.9									3.8	4.9
SSE	1.4	1.2	.7									3.3	4.6
S	2.1	2.0	1.1	.1		.1						5.4	5.0
SSW	1.4	1.2	1.2	.4								4.2	6.0
SW	1.7	1.6	.4	.1								3.8	4.5
WSW	1.7	1.1	.2	.2								3.3	4.3
W	3.0	2.7	1.1	.2								7.1	4.4
WNW	.7	2.1	1.1	.1								4.1	5.5
NW	1.1	.4	.2									1.7	3.6
NNW	1.0	1.4	1.4	.1								3.8	5.8
VARBL													
CALM												9.8	
	29.8	40.2	17.6	2.5		.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 808

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	4.0	2.8	.6									7.4	3.7
NNE	3.0	1.1	.4									4.4	3.1
NE	2.0	1.5	.6									4.1	4.1
ENE	2.6	2.2	1.1	.4								6.3	4.7
E	3.0	4.0	1.2	.1								8.3	4.5
ESE	1.6	2.6	1.0									5.2	4.6
SE	.5	1.2	.1									1.9	4.2
SSE	.7	1.9	.2									2.8	4.3
S	1.6	1.2	.5									3.3	3.8
SSW	1.6	1.0										2.6	3.1
SW	1.2	.5	.5									2.2	3.8
WSW	1.4	.1	.2									1.7	3.0
W	2.2	.6	.4									3.2	3.2
WNW	.6	.6										1.2	3.1
NW	1.9	.6	.1									2.6	3.1
NNW	2.1	1.0	.2									3.3	3.5
VARBL													
CALM												39.3	
	29.9	23.0	7.3	.5								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 809

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.4	2.6	.9									5.9	4.4
NNE	4.2	2.0										6.2	3.1
NE	4.6	1.3	.2									6.1	2.9
ENE	2.2	2.2	.9	.2								5.5	4.7
E	2.2	3.7	2.2	.2								8.3	5.3
ESE	.7	.7	.2		.2							1.8	5.4
SE	.9	1.1	.4	.2								2.6	5.1
SSE	1.5	1.5	.2									3.1	3.4
S	1.7	.9	.2									2.8	3.4
SSW	1.3	.9										2.2	3.5
SW	.6	.4										.9	3.4
WSW	.9	.4										1.3	2.7
W	.6	.7										1.3	3.6
WNW	.7	1.1	.2									2.0	3.9
NW	.9	.2										1.1	2.3
NNW	1.7											1.7	2.0
VARBL													
CALM												47.2	
	27.0	19.7	5.3	.6	.2							100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 544

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

SURFACE WINDS

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	3.2	3.3	1.2	.1		.0						7.7	4.5
NNE	4.2	3.5	.8	.1								8.6	3.9
NE	3.0	3.3	.8	.0								7.2	4.1
ENE	3.5	3.9	1.4	.3								9.1	4.6
E	2.8	5.4	2.9	.2	.0							11.3	5.3
ESE	1.3	1.9	1.1	.2	.0							4.6	5.4
SE	.8	1.4	.5	.1	.0	.0						2.8	5.3
SSE	1.2	1.4	.6		.0	.0						3.1	4.6
S	1.4	1.3	.7	.1	.0	.0						3.5	4.7
SSW	1.1	1.1	.5	.1		.0						2.9	5.0
SW	1.2	.8	.4	.1								2.3	4.3
WSW	1.3	1.1	.3	.0								2.7	4.1
W	1.7	1.7	.6	.1								4.1	4.3
WNW	.9	1.2	.5	.0		.0						2.6	4.7
NW	1.1	.8	.3									2.0	3.9
NNW	1.0	1.0	.6	.1								2.6	4.8
VARBL													
CALM												22.9	
	29.3	32.9	13.0	1.6	.1	.1						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 4718

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	1.8	1.8										3.5	3.8
NNE	11.5	1.8	1.8									15.0	3.1
NE	5.3	.9										6.2	2.3
ENE	2.7											2.7	2.0
E	3.5	1.8										5.3	2.8
ESE		.9										.9	4.0
SE													
SSE													
S	.9											.9	2.0
SSW													
SW		.9										.9	6.0
WSW													
W	.9											.9	2.0
WNW	1.8	.9										2.7	4.0
NW	.9	1.8										2.7	3.3
NNW	.9	1.8	2.7									5.3	6.5
VARBL													
CALM												53.1	
	30.1	12.4	4.4									100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 113

USAFETAC FORM AWS 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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.1	2.4	1.0	.4								5.9	5.1
NNE	5.5	2.8	.7	.1								9.2	3.5
NE	3.9	5.0	.5									11.4	3.6
ENE	4.2	3.9	.7									8.8	3.8
E	1.6	3.4	1.6	.2								6.8	5.3
ESE	.4	1.5	.4	.1								2.3	5.6
SE	.4	.4	.7	.1								1.6	6.8
SSE	.1	.7		.1								1.0	5.1
S	.6	.9										1.5	3.8
SSW	.2	.1	.5									.9	6.0
SW	.5	.5										1.0	3.6
WSW	.5	.1										.6	2.4
W	1.6	.9	.6	.1								3.2	4.3
WNW	1.3	1.0	.5									2.8	4.2
NW	.6	.5	1.0	.1								2.2	6.1
NNW	.5	1.2	1.6									3.3	5.8
VARBL													
CALM												37.7	
	25.9	25.3	9.8	1.3								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 818

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	1.8	3.6	3.0	.1								8.5	5.9
NNE	3.6	2.0	.6	.2								6.5	4.0
NE	3.2	2.3	.6									6.0	3.6
ENE	6.1	3.8	2.2									12.1	4.2
E	3.1	6.1	4.2	.2								13.7	5.4
ESE	1.3	2.8	2.2	.1								6.4	5.7
SE	1.2	2.0	1.2	.6								4.8	5.9
SSE	1.1	1.8	1.1	.2								4.2	5.7
S	1.0	1.1	.8									2.9	5.3
SSW	.6	.5	.8									1.9	5.9
SW	.8	.4	.2									1.4	3.6
WSW	.6	1.0	.2	.1								1.9	4.9
W	2.0	2.4	1.0	.1								5.5	4.6
WNW	1.0	1.0	1.8									3.7	6.1
NW	.7	.6	1.4	.5								3.4	7.0
NNW	.5	1.1	1.7	.1								3.4	6.6
VARBL													
CALM												13.8	
	28.9	32.9	23.1	2.2								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 834

USAFETAC FORM AM 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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	3.2	3.4	3.0	.5								10.1	5.6
NNE	1.7	2.3	1.2	.1								5.3	4.9
NE	1.1	2.3	.2									3.6	4.0
ENE	3.4	4.2	1.4									9.0	4.2
E	3.5	5.2	3.1									11.8	5.0
ESE	1.7	2.2	1.7	.4								5.9	5.4
SE	.4	1.2	1.3	.1								3.0	6.5
SSE	1.1	1.4	1.3	.2								4.1	5.9
S	1.2	2.5	1.9	.1								5.8	5.6
SSW	.6	.8	.7	.2								2.4	6.1
SW	.6	1.2	1.1									2.9	5.3
WSW	1.2	2.0	.8									4.1	4.7
W	2.2	2.5	2.6	.1								7.5	5.7
WNW	.8	2.2	2.4	.2								5.6	6.4
NW	1.2	1.7	1.2	.4								4.4	5.8
NNW	1.6	1.8	2.6	.4								6.4	6.2
VARBL													
CALM												8.2	
	25.4	36.9	26.8	2.8								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 832

USAFETAC FORM AWS 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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	3.4	5.2	2.5	.2								11.3	5.1
NNE	3.8	2.8	.6	.1								7.3	3.9
NE	1.6	1.7	.2									3.5	3.8
ENE	2.5	2.8	.8									6.1	4.3
E	3.2	5.9	1.6	.2								10.9	4.6
ESE	.5	2.4	1.0	.2								4.1	6.0
SE	.6	.7	.7	.1								2.2	5.7
SSE	1.1	1.7	.7	.1								3.6	4.9
S	.7	1.9	.8									3.5	5.0
SSW	.7	1.1	.7									2.5	4.8
SW	.8	.5	.4									1.7	3.9
WSW	1.8	1.3	.4									3.5	3.9
W	2.4	2.5	1.7	.4								7.0	5.0
WNW	1.4	1.4	1.1	.1								4.1	4.7
NW	1.4	2.8	1.3	.2								5.8	5.3
NNW	1.7	2.9	2.9	.1								7.6	5.8
VARBL													
CALM												15.6	
	27.7	37.6	17.4	1.9								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 834

USAFETAC FORM AUG 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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	3.0	2.9	.8									6.7	4.0
NNE	2.5	.8										3.4	2.6
NE	1.4	.6										2.0	2.9
ENE	2.0	1.0	.1									3.1	3.2
E	3.5	3.5	1.7	.1								8.8	4.6
ESE	.5	2.3	.6	.1								3.5	5.3
SE	.5	1.1	.1									1.7	4.8
SSE	.5	.6										1.1	3.3
S	1.0	.8	.1									1.9	3.9
SSW	.2	.2										.5	3.8
SW	.7											.7	2.0
WSW	1.2											1.2	2.1
W	1.6	1.2	.2									3.0	3.4
WNW	2.8	1.1	.7									4.6	3.7
NW	1.9	.8	.1									2.9	3.2
NNW	3.0	2.8	.6									6.4	4.0
VARBL													
CALM												48.7	
	26.3	19.7	5.2	.2								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 834

USAFETAC FORM AR 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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.7	2.9	.5									6.1	4.0
NNE	2.9	2.2		.2								5.2	3.5
NE	3.5	1.5										5.0	3.0
ENE	1.7	1.8										3.5	3.4
E	1.8	3.5	2.5									7.9	5.6
ESE	.5	1.0	.7									2.2	5.4
SE	.2	.3	.2									.7	4.5
SSE	.7	.2	.3									1.2	4.6
S	1.5	.8	.2									2.5	3.3
SSW	.5	.5										1.0	3.5
SW	.5											.5	2.0
WSW	1.0	.2										1.2	2.0
W	1.2	.8	.5	.2								2.7	4.8
WNW	.8	1.2	.5									2.5	4.7
NW	1.2	.8	.3									2.4	3.9
NNW	1.0	2.5	.2									3.7	4.8
VARBL													
CALM												51.8	
	21.7	20.3	5.9	.3								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 595

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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SURFACE WINDS

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	3.4	1.8	.2								8.1	5.1
NNE	3.6	2.2	.6	.1								6.4	3.8
NE	2.8	2.2	.3									5.3	3.5
ENE	3.4	2.9	.9									7.2	4.0
E	2.9	4.6	2.4	.1								10.0	5.0
ESE	.8	2.0	1.1	.2								4.1	5.6
SE	.5	1.0	.7	.1								2.3	5.9
SSE	.7	1.1	.6	.1								2.5	5.3
S	1.0	1.3	.7	.0								3.0	4.9
SSW	.5	.5	.5	.0								1.5	5.3
SW	.7	.5	.3									1.4	4.1
WSW	1.0	.8	.2	.0								2.1	4.0
W	1.8	1.7	1.1	.1								4.8	4.8
WNW	1.4	1.3	1.2	.1								3.9	5.1
NW	1.2	1.2	.9	.2								3.5	5.3
NNW	1.4	2.0	1.7	.1								5.2	5.5
VARBL													
CALM												28.7	
	26.2	28.7	14.9	1.5								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 4863

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.1	1.2									5.2	4.5
NNE	4.0	3.0	.7									7.8	3.8
NE	4.3	1.8	.3									6.6	3.2
ENE	3.9	2.1	.6									6.6	3.6
E	3.8	3.2	1.3									8.1	4.4
ESE	.6	1.0	1.0	.1								2.8	5.8
SE	.4	1.6	.7									2.8	5.0
SSE	1.0	.4	.9									2.4	4.8
S	.9	.9	.7									2.5	5.2
SSW	.7	.2										.9	2.8
SW	.6	.2										.7	2.6
WSW	.6											.6	2.0
W	1.9	1.9	1.0	.1								5.1	4.7
WNW	1.3	1.2	1.3	.3								4.2	5.8
NW	.6	1.6	.4	.3								3.0	5.6
NNW	.7	1.2	.9									3.1	5.0
VARBL													
CALM												37.3	
	27.6	22.6	11.4	.9								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 667

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	3.5	2.0									7.0	5.3
NNE	2.2	1.7	.4									4.3	4.0
NE	2.5	2.3	1.5									6.3	4.5
ENE	4.2	2.5	.6									7.3	3.8
E	3.6	3.8	2.1									9.5	4.7
ESE	1.0	2.5	1.2	.1								4.8	5.5
SE	.7	2.1	1.5	.2								4.6	6.0
SSE	1.1	2.2	.7	.4								4.4	5.7
S	1.5	1.2	2.0	1.1								5.8	6.9
SSW	1.1	1.0	.7	.2								3.1	5.5
SW	1.0	.9	.9									2.7	5.4
WSW	1.1	1.4	.5									3.0	3.9
W	.6	2.0	1.4	.2								4.2	6.3
WNW	1.2	2.1	2.2	.7	.1							6.4	7.0
NW	.1	1.6	2.0	1.2								4.9	8.5
NNW	1.0	1.2	1.2	.4								3.8	6.3
VARBL													
CALM												17.8	
	24.6	32.0	20.9	4.7	.1							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 810

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.2	3.3	1.9	.5								7.9	5.4
NNE	2.1	1.2	.7									4.1	4.4
NE	1.4	2.3	.6									4.3	4.3
ENE	1.9	2.5	.2									4.6	4.0
E	2.3	3.8	.6									6.8	4.4
ESE	1.7	2.1	1.5	.1								5.4	5.2
SE	.7	1.7	1.5	.1								4.1	5.9
SSE	1.0	2.1	2.1	.4								5.6	6.3
S	1.7	2.0	2.6	1.6								7.9	7.3
SSW	1.2	1.5	1.9	.7								5.3	7.0
SW	.9	1.5	1.2									3.6	5.9
WSW	1.5	1.2	1.0	.1		.1						4.0	5.8
W	2.1	2.1	1.6	.9								6.7	6.0
WNW	.6	1.7	2.3	1.2								5.9	7.8
NW	.7	1.7	2.7	2.7								7.9	8.6
NNW	.9	2.3	2.7	.9	.1							6.9	7.1
VARBL													
CALM												9.0	
	23.0	33.3	25.2	9.3	.1	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 809

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.0	3.7	1.1									8.8	4.1
NNE	1.5	1.1	.2									2.8	3.7
NE	1.1	1.2										2.3	3.6
ENE	1.1	.7	.4	.1								2.3	4.2
E	3.7	2.8	.9	.5								7.9	4.4
ESE	1.0	1.7	1.1	.1								4.0	5.4
SE	.6	1.6	1.7	.2								4.2	5.1
SSE	1.1	2.5	1.0	.1								4.7	4.9
S	2.5	1.9	1.0	1.2	.1							6.7	6.1
SSW	2.3	1.5	1.1	.4								5.3	5.0
SW	1.6	1.1	.4	.1								3.2	4.3
WSW	1.4	.7	.9									3.0	4.4
W	2.0	1.5	.9	.1								4.4	4.6
WNW	1.5	1.6	1.6	.9								5.6	6.8
NW	1.0	2.0	2.6	1.2								6.8	7.2
NNW	1.7	2.5	3.2	.6								8.0	6.3
VARBL													
CALM												20.0	
	28.0	28.1	18.0	5.7	.1							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.8	2.1	.4									5.3	3.8
NNE	2.3	1.1										3.5	2.9
NE	1.1	.6										1.7	3.0
ENE	1.6	1.0										2.6	3.0
E	2.5	1.6	.5	.2								4.8	4.2
ESE	.9	1.5	.6									3.0	5.0
SE	.5	1.6		.2								2.3	5.0
SSE	2.0	1.1	1.0	.2								4.3	4.9
S	2.1	1.9	1.1	.9								5.9	5.5
SSW	.6	.9	.4	.2								2.1	5.8
SW	.2	.4										.6	3.8
WSW	1.5	.1										1.6	2.2
W	.9	.9	.2									2.0	4.2
WNW	1.5	1.9	.7	.1								4.2	4.6
NW	3.1	2.3	.6	.4								6.4	4.3
NNW	2.1	2.1	1.5	.1								5.8	5.0
VARBL													
CALM												43.8	
	25.7	21.0	7.0	2.5								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 809

USAFETAC FORM AIR 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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	1.6	2.6	1.2									5.4	4.8
NNE	3.1	2.2	.5									5.8	3.6
NE	1.4	1.4										2.7	3.2
ENE	1.7	.5										2.2	2.5
E	1.6	1.7	.4									3.7	3.9
ESE	.1	1.1	.7	.1								2.1	6.4
SE	.5	.5	.2									1.2	4.6
SSE	.9	1.1	.1	.2								2.3	4.7
S	1.5	2.2	1.1	.2								5.1	5.3
SSW	.4	1.2	.5	.2								2.3	5.9
SW	.6	.4	.4									1.4	4.8
WSW	.4	.1				.1						.6	6.6
W	1.7	1.2	.7	.1								3.8	4.5
WNW	1.4	1.6	.9	.4								4.2	5.2
NW	.7	1.1	1.4									3.2	5.7
NNW	1.7	1.5	.7									4.0	4.2
VARBL													
CALM												49.8	
	19.3	20.5	8.9	1.4		.1						100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 809

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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SURFACE WINDS

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

722265	MAXWELL AFB AL	73-81	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	2.9	1.3	.1								6.7	4.7
NNE	2.5	1.7	.4									4.7	3.7
NE	1.9	1.6	.4									3.9	3.8
ENE	2.4	1.5	.3	.0								4.2	3.6
E	2.9	2.8	1.0	.1								6.8	4.4
ESE	.9	1.7	1.0	.1								3.7	5.5
SE	.6	1.5	1.0	.1								3.2	5.7
SSE	1.2	1.6	1.0	.2								4.0	5.4
S	1.7	1.7	1.4	.9	.0							5.7	6.2
SSW	1.1	1.1	.8	.3								3.2	5.7
SW	.8	.7	.5	.0								2.1	4.9
WSW	1.1	.6	.4	.0		.0						2.2	4.4
W	1.5	1.4	1.0	.3								4.3	5.2
WNW	1.2	1.7	1.5	.6	.0							5.1	6.4
NW	1.1	1.7	1.7	1.0								5.4	6.9
NNW	1.4	1.9	1.7	.3	.0							5.4	5.8
VARBL													
CALM												29.3	
	24.6	26.4	15.3	4.2	.1	.0						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 4723

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.3	2.1	1.0	.2								5.5	4.6
NNE	4.1	3.3	.3	.2								7.9	3.6
NE	4.3	2.6										7.0	3.0
ENE	2.4	2.6	.3									5.3	3.8
E	2.2	2.6	1.4	.2								6.4	4.9
ESE	.3	.9	1.0									2.2	6.2
SE	.3	.9	.2									1.5	5.0
SSE	.2	.9	.9									1.9	6.2
S	.7	.8	.3									1.9	4.3
SSW	.7	1.0	1.0									2.7	5.4
SW	1.0	.2	.3	.3								1.9	5.5
WSW	.5	.7										1.2	3.4
W	1.9	1.7	.7	.5								4.8	4.9
WNW	1.5	1.5	1.9	.2								5.2	5.8
NW	1.2	1.0	2.7	1.0								6.0	7.0
NNW	.7	2.6	2.6									5.8	6.2
VARBL													
CALM												32.6	
	24.7	25.3	14.8	2.6								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 582

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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SURFACE WINDS

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.1	1.8	3.8	.7								8.3	6.4
NNE	2.5	1.6	.9									4.9	4.0
NE	2.3	1.2	.4									3.9	3.6
ENE	3.4	3.0	.8									7.2	4.0
E	2.5	4.6	3.0									10.0	5.2
ESE	.7	2.2	1.4	.1								4.4	5.9
SE	.8	.7	.5	.3								2.2	5.6
SSE	.8	.5	.7	.5	.1							2.6	7.0
S	1.3	.8	.9	.7								3.6	6.3
SSW	.4	.9	1.4	.4								3.1	7.4
SW	.7	.5	.3	.1								1.6	5.2
WSW	1.0	1.7	1.2	.5								4.4	6.1
W	1.2	2.6	2.3	.8								6.9	6.6
WNW	1.4	2.0	2.5	.3								6.1	6.1
NW	1.6	.7	1.8	1.8								5.9	7.8
NNW	1.7	1.8	2.0	.9	.1							6.5	6.9
VARBL													
CALM												18.2	
	24.2	26.4	23.8	7.0	.3							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 768

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	2.5	1.8	1.0								7.8	6.0
NNE	2.2	1.0	1.0									4.3	4.2
NE	.8	1.3	.1									2.2	4.1
ENE	1.3	2.7	.7									4.7	4.6
E	1.3	3.7	2.4	.1								7.5	5.6
ESE	.5	2.5	.8	.1								3.9	5.5
SE	.7	.3	.7	.1								1.7	5.8
SSE	1.4	1.0	2.0	1.0	.1							5.6	7.1
S	1.3	1.2	1.2	1.0	.1							4.8	7.4
SSW	.7	1.2	1.7	.5								4.1	7.4
SW	1.0	1.7	1.2	.8								4.7	6.3
WSW	.8	1.7	1.8	.5								4.8	6.6
W	2.1	2.2	5.1	1.2								10.6	7.1
WNW	.9	2.0	2.7	1.2	.1							6.9	7.6
NW	1.0	2.4	3.1	1.3	.1							8.0	7.7
NNW	1.2	2.1	2.2	1.6								7.1	7.4
VARBL													
CALM												11.2	
	19.7	29.4	28.5	10.6	.5							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 765

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.1	3.2	2.5	.5								8.4	5.8
NNE	.9	.8										1.7	3.3
NE	.8	.8	.3									1.9	4.0
ENE	1.3	.7	.3									2.3	3.5
E	3.2	4.0	2.0									9.2	4.7
ESE	.9	.7	.7									2.3	4.7
SE	.7	.8	.4	.3								2.1	5.6
SSE	1.2	1.3	1.2									3.7	5.4
S	2.0	3.1	2.5	1.1								8.6	6.4
SSW	.7	1.9	.9	.4								3.8	5.7
SW	2.0	1.3	1.1									4.4	4.3
WSW	1.6	1.9	.7	.4								4.5	4.9
W	1.7	4.4	2.3	.5								8.9	5.7
WNW	1.1	2.5	2.8	.5	.1							7.0	6.6
NW	1.3	1.9	2.1	1.5	.1							6.9	7.4
NNW	1.5	2.8	2.7	1.1	.3							8.2	7.1
VARBL													
CALM												16.2	
	22.9	31.8	22.3	6.2	.5							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 754

USAFETAC FORM AIR 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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	1.2	3.6	1.6	.3								6.6	5.6
NNE	1.0	.5										1.5	3.3
NE	.5	.1										.7	2.6
ENE	1.0	1.0	.3									2.2	3.8
E	.7	3.6	1.2									5.5	5.5
ESE	.5	1.9	1.0	.1								3.6	5.5
SE	.7	.5	1.0	.3								2.5	6.0
SSE	1.0	1.4	1.0									3.3	4.8
S	2.3	2.7	2.5	.4								8.0	5.7
SSW	.5	1.1	.5	.3								2.5	5.9
SW	.5	.3	.4									1.2	4.4
WSW	1.5	.3		.1								1.9	3.0
W	2.4	.8	1.0									4.4	4.2
WNW	2.3	1.4	.7	.3								4.7	4.4
NW	2.7	2.3	2.5	.3								7.8	5.3
NNW	1.9	2.6	1.8	.8								7.1	6.2
VARBL													
CALM												36.6	
	21.1	24.0	15.4	2.9								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 729

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)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.4	3.2	1.8	.3								7.7	5.1
NNE	1.4	1.5										2.9	3.4
NE	.7	.4										1.1	2.8
ENE	1.5	1.0										2.5	3.4
E	1.1	3.2	1.0	.1								5.4	5.2
ESE	.4	1.5	.8	.1								2.9	6.4
SE	.3	.3	1.3	.1								1.9	7.4
SSE	.7	.4	.7									1.8	5.4
S	1.1	1.8	2.6			.1						5.7	6.4
SSW	1.0	1.9	1.8	.3								5.0	6.2
SW	.4	.3	.1									.8	4.7
WSW	.4	.3	.1									.8	3.8
W	.8	.8	.3									1.9	4.0
WNW	1.9	1.9	2.2	.1								6.3	5.6
NW	1.8	2.5	1.9	.6								6.8	5.9
NNW	1.7	2.1	1.9	.3								6.0	5.5
VARBL													
CALM												40.3	
	17.7	23.3	16.7	1.9		.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 718

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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SURFACE WINDS

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.1	2.7	2.2	.5								7.5	5.7
NNE	1.9	1.6	.4	.0								3.8	3.8
NE	1.5	1.0	.1									2.7	3.4
ENE	1.8	1.8	.4									4.0	4.0
E	1.8	3.6	1.9	.1								7.4	5.2
ESE	.6	1.6	.9	.1								3.3	5.7
SE	.6	.6	.7	.2								2.0	5.9
SSE	.9	.9	1.1	.3	.0							3.2	6.1
S	1.5	1.8	1.7	.6	.0	.0						5.6	6.2
SSW	.6	1.3	1.3	.3								3.6	6.4
SW	.9	.7	.6	.2								2.5	5.2
WSW	1.0	1.1	.7	.3								3.1	5.4
W	1.7	2.1	2.0	.5								6.4	5.9
WNW	1.5	1.9	2.2	.4	.0							6.1	6.2
NW	1.6	1.8	2.4	1.1	.0							6.9	6.8
NNW	1.9	2.3	2.2	.8	.1							6.8	6.6
VARBL													
CALM												25.4	
	21.6	26.8	20.6	5.4	.2	.0						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 4319

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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SURFACE WINDS

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	2.4	2.5	1.3	.2	.0	.0						6.5	4.8
NNE	2.7	2.1	.5	.0								5.4	3.8
NE	2.0	1.7	.3	.0								4.0	3.8
ENE	2.4	2.0	.6	.0								5.0	4.0
E	2.3	3.2	1.5	.1	.0		.0					7.1	4.9
ESE	.8	1.5	1.0	.2	.0							3.5	5.6
SE	.7	1.2	.8	.2	.0	.0						2.9	5.7
SSE	1.1	1.4	.8	.3	.0	.0						3.7	5.7
S	1.9	2.2	1.5	.6	.1	.0						6.2	5.8
SSW	1.4	1.6	1.0	.3	.0	.0						4.3	5.6
SW	1.2	1.2	.7	.2	.0							3.3	5.0
WSW	1.6	1.7	.9	.2	.0	.0						4.4	4.9
W	2.2	2.5	1.7	.5	.0	.0						7.0	5.6
WNW	1.3	1.5	1.2	.4	.0	.0						4.5	6.0
NW	1.1	1.2	1.2	.6	.0	.0						4.2	6.5
NNW	1.4	1.6	1.3	.4	.0							4.7	5.8
VARBL													
CALM												23.4	
	26.6	29.3	16.3	4.1	.3	.1	.0					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 56607

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

SURFACE WINDS

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) ALL (MONTH)

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

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

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.0	1.2	.2		.0						5.2	5.0
NNE	2.0	1.8	.3	.0								4.1	3.8
NE	1.8	2.3	.5	.0								4.7	4.2
ENE	2.3	2.6	1.4	.1								6.4	4.8
E	3.0	5.0	3.1	.5	.0		.0					11.5	5.5
ESE	1.2	2.4	1.7	.4	.0							5.7	6.0
SE	.9	1.5	.7	.1	.0							3.3	5.5
SSE	1.3	1.9	.7	.2	.0	.0						4.2	5.3
S	1.4	2.0	1.2	.2	.0	.0						4.8	5.6
SSW	1.0	1.0	.7	.1	.0							2.9	5.2
SW	1.2	.7	.4	.1	.0							2.4	4.4
WSW	1.3	1.5	.7	.2	.0							3.6	4.9
W	2.1	2.2	2.0	.4	.0	.0						6.6	5.7
WNW	1.3	1.2	1.6	.3	.1	.0						4.5	6.4
NW	.7	1.5	1.2	.9	.0							4.4	7.2
NNW	1.2	1.6	1.2	.4	.0							4.5	6.0
VARBL													
CALM												21.1	
	24.3	31.4	18.6	4.1	.4	.1	.0					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 5376

USAFETAC FORM 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										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.0

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	19.2	31.0	32.3	33.0	33.1	33.3	34.0	34.3	34.3	34.7	34.7	35.0	35.3	35.5	35.6	35.9
≥ 20000	21.6	34.9	36.3	37.0	37.2	37.3	38.1	38.4	38.4	38.8	38.8	39.1	39.4	39.5	39.7	39.9
≥ 18000	21.6	34.9	36.3	37.0	37.2	37.3	38.1	38.4	38.4	38.8	38.8	39.1	39.4	39.5	39.7	39.9
≥ 16000	21.6	34.9	36.3	37.0	37.2	37.3	38.1	38.4	38.4	38.8	38.8	39.1	39.4	39.5	39.7	39.9
≥ 14000	21.7	35.3	36.9	37.6	37.8	37.9	38.6	38.9	38.9	39.4	39.4	39.7	39.9	40.1	40.2	40.5
≥ 12000	22.1	36.6	38.2	38.9	39.1	39.2	39.9	40.2	40.2	40.7	40.7	41.0	41.2	41.4	41.5	41.8
≥ 10000	22.6	38.8	40.8	41.7	41.8	42.0	42.7	43.0	43.0	43.4	43.4	43.7	44.0	44.1	44.3	44.6
≥ 9000	23.0	40.1	42.1	43.0	43.1	43.3	44.0	44.3	44.3	44.7	44.7	45.0	45.3	45.4	45.6	45.9
≥ 8000	23.4	42.0	44.0	44.9	45.0	45.2	45.9	46.2	46.2	46.6	46.6	46.9	47.2	47.3	47.5	47.8
≥ 7000	24.3	43.1	45.3	46.3	46.5	46.6	47.5	47.8	47.8	48.2	48.2	48.5	48.8	48.9	49.1	49.3
≥ 6000	24.6	44.3	46.7	47.8	47.9	48.0	48.9	49.2	49.2	49.6	49.6	49.9	50.2	50.4	50.5	50.8
≥ 5000	25.0	47.3	50.2	51.2	51.5	51.7	52.5	52.8	52.8	53.3	53.3	53.5	53.8	54.0	54.1	54.4
≥ 4500	25.2	48.0	51.1	52.1	52.4	52.5	53.4	53.7	53.7	54.1	54.1	54.4	54.7	54.8	55.0	55.3
≥ 4000	25.6	49.1	52.1	53.1	53.4	53.5	54.4	54.7	54.7	55.1	55.1	55.4	55.7	55.9	56.0	56.3
≥ 3500	25.8	50.1	53.1	54.1	54.4	54.6	55.4	55.7	55.7	56.3	56.3	56.6	56.9	57.0	57.2	57.5
≥ 3000	26.5	52.2	55.3	56.3	56.6	56.7	57.6	57.9	57.9	58.5	58.5	58.8	59.0	59.2	59.3	59.6
≥ 2500	27.8	54.4	57.6	59.0	59.5	59.8	60.6	60.9	60.9	61.5	61.5	61.8	62.1	62.2	62.4	62.7
≥ 2000	28.8	57.7	61.1	62.7	63.2	63.5	64.4	64.7	64.7	65.3	65.3	65.6	65.8	66.0	66.1	66.4
≥ 1800	29.1	58.8	62.1	63.8	64.4	64.7	65.6	65.8	65.8	66.4	66.4	66.7	67.0	67.1	67.3	67.6
≥ 1500	29.7	61.4	64.8	67.0	67.7	68.0	68.9	69.3	69.3	69.9	69.9	70.2	70.5	70.6	70.8	71.1
≥ 1200	30.2	63.7	67.3	69.6	70.5	70.9	71.8	72.4	72.6	73.2	73.2	73.5	73.8	74.0	74.1	74.4
≥ 1000	30.2	64.6	68.9	71.3	72.4	72.8	74.0	74.7	75.0	75.7	75.7	76.0	76.3	76.4	76.6	76.8
≥ 900	30.7	66.1	70.6	73.2	74.2	74.7	76.1	77.0	77.3	78.0	78.0	78.3	78.6	78.7	78.9	79.2
≥ 800	30.7	66.9	71.9	74.8	76.0	76.6	78.3	79.3	79.6	80.3	80.3	80.6	80.9	81.0	81.2	81.5
≥ 700	30.7	68.2	73.7	76.6	77.9	78.4	80.2	81.2	81.5	82.3	82.3	82.6	82.9	83.1	83.2	83.5
≥ 600	30.7	68.5	74.4	77.4	79.3	80.0	82.2	83.8	84.4	85.2	85.2	85.5	86.0	86.3	86.4	86.7
≥ 500	30.7	69.0	75.3	78.3	80.5	81.2	83.8	85.4	86.0	87.1	87.4	87.7	88.1	88.4	88.6	88.9
≥ 400	30.7	69.5	76.3	79.5	81.8	82.5	85.8	87.4	88.1	89.3	89.7	90.0	90.7	91.2	91.3	91.6
≥ 300	30.7	69.8	76.7	79.9	82.2	82.9	86.4	88.3	89.0	90.3	91.2	91.5	92.5	92.9	93.2	93.6
≥ 200	30.7	69.8	76.7	79.9	82.2	82.9	86.7	88.9	89.6	91.3	92.5	92.8	94.5	95.1	95.8	97.0
≥ 100	30.7	69.8	76.7	79.9	82.2	82.9	86.7	89.0	89.7	91.5	92.6	92.9	94.8	95.5	96.5	99.1
≥ 0	30.7	69.8	76.7	79.9	82.2	82.9	86.7	89.0	89.7	91.5	92.6	92.9	94.8	95.5	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 691

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JAN (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	≥1¼	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	24.1	36.3	36.9	37.1	37.3	37.4	37.4	37.4	37.4	37.4	37.6	37.6	37.6	37.6	37.6	37.6
≥ 20000	28.0	42.5	43.5	43.6	43.8	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1
≥ 18000	28.0	42.6	43.6	43.7	44.0	44.1	44.1	44.1	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2
≥ 16000	28.0	42.6	43.6	43.7	44.0	44.1	44.1	44.1	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2
≥ 14000	28.1	43.0	44.0	44.1	44.3	44.5	44.5	44.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6
≥ 12000	28.8	44.1	45.3	45.4	45.7	45.8	45.8	45.8	45.8	45.8	45.9	45.9	45.9	45.9	45.9	45.9
≥ 10000	29.8	46.7	48.4	48.5	48.9	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1
≥ 9000	29.9	47.0	48.8	48.9	49.3	49.4	49.4	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5
≥ 8000	30.3	49.4	51.2	51.4	51.7	51.8	51.8	51.8	51.8	51.8	52.0	52.0	52.0	52.0	52.0	52.0
≥ 7000	30.8	50.6	52.5	52.6	53.0	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2
≥ 6000	31.2	52.2	54.2	54.3	54.7	54.8	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9
≥ 5000	32.0	55.2	57.4	57.5	57.9	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1
≥ 4500	32.0	55.5	57.8	58.0	58.4	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6
≥ 4000	32.1	55.9	58.1	58.4	58.7	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0
≥ 3500	32.5	56.4	58.7	59.0	59.4	59.5	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7
≥ 3000	33.3	58.0	60.3	60.7	61.1	61.2	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6
≥ 2500	34.6	61.1	63.5	63.9	64.5	64.7	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0
≥ 2000	35.5	64.7	67.2	67.6	68.3	68.5	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8
≥ 1800	35.7	65.5	68.2	68.7	69.5	69.6	69.8	69.8	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0
≥ 1500	36.6	68.7	71.4	72.4	73.2	73.3	73.6	73.6	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8
≥ 1200	37.4	72.0	74.9	75.9	77.0	77.2	78.1	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3
≥ 1000	37.6	73.6	77.0	78.3	79.6	79.8	80.9	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4
≥ 900	38.4	75.4	79.3	80.8	82.1	82.5	83.7	84.2	84.2	84.4	84.5	84.5	84.5	84.5	84.5	84.5
≥ 800	38.4	75.7	79.7	81.4	82.9	83.3	84.6	85.2	85.2	85.5	85.6	85.6	85.6	85.6	85.6	85.6
≥ 700	38.8	76.4	80.4	82.4	84.1	84.5	86.0	86.8	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2
≥ 600	38.8	77.0	81.0	83.0	84.8	85.3	86.8	88.7	89.7	89.9	90.1	90.1	90.1	90.1	90.1	90.1
≥ 500	38.8	77.6	82.4	84.6	87.4	88.4	90.8	92.0	92.2	92.6	93.2	93.2	93.2	93.2	93.2	93.2
≥ 400	38.8	77.7	82.5	85.3	88.5	89.5	92.2	93.6	94.0	94.6	95.3	95.3	95.6	95.6	95.6	95.6
≥ 300	38.8	77.7	83.0	85.6	88.8	89.9	93.0	94.8	95.4	96.1	97.0	97.0	97.7	97.7	97.7	97.7
≥ 200	38.8	77.7	83.0	85.6	89.0	90.1	93.2	95.3	95.9	96.9	98.2	98.2	99.0	99.0	99.1	99.3
≥ 100	38.8	77.7	83.0	85.6	89.0	90.1	93.2	95.3	95.9	96.9	98.2	98.2	99.1	99.1	99.3	99.8
≥ 0	38.8	77.7	83.0	85.6	89.0	90.1	93.2	95.3	95.9	96.9	98.2	98.2	99.1	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 812

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅝	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	33.3	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 20000	38.0	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 18000	38.1	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 16000	38.2	52.4	52.4	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
≥ 14000	39.0	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 12000	40.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 10000	41.6	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 9000	41.8	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 8000	42.3	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 7000	42.9	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 6000	43.4	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 5000	43.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 4500	44.3	65.6	65.6	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
≥ 4000	44.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 3500	45.0	67.7	67.8	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 3000	46.0	70.8	70.9	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
≥ 2500	46.2	72.6	72.9	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 2000	47.2	76.6	76.8	77.3	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 1800	47.5	77.4	77.7	78.3	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 1500	48.1	78.9	79.3	80.0	80.6	80.6	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 1200	48.7	81.3	82.1	83.1	84.0	84.1	84.7	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1000	49.1	82.5	83.8	85.0	86.2	86.3	87.2	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 900	49.6	83.6	85.1	86.4	87.8	87.9	88.9	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 800	49.6	83.8	85.5	87.2	88.7	88.8	90.0	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 700	49.7	84.2	86.1	87.9	89.6	89.8	91.0	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 600	50.1	85.2	87.2	89.4	91.7	91.9	93.6	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 500	50.1	85.6	88.3	90.6	93.5	93.6	95.7	96.5	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 400	50.1	85.7	88.5	90.9	94.0	94.3	96.5	97.5	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	50.1	85.7	88.5	90.9	94.0	94.3	96.7	98.2	98.9	99.5	99.6	99.8	99.8	99.8	99.8	99.8
≥ 200	50.1	85.7	88.5	90.9	94.0	94.3	96.7	98.2	98.9	99.5	99.8	99.9	100.0	100.0	100.0	100.0
≥ 100	50.1	85.7	88.5	90.9	94.0	94.3	96.7	98.2	98.9	99.5	99.8	99.9	100.0	100.0	100.0	100.0
0	50.1	85.7	88.5	90.9	94.0	94.3	96.7	98.2	98.9	99.5	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 811

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.0	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 20000	39.3	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 18000	39.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 16000	40.2	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 14000	41.1	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 12000	42.5	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 10000	44.0	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.2
≥ 9000	44.0	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	60.2	60.3
≥ 8000	45.5	63.3	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	63.5
≥ 7000	46.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2
≥ 6000	47.3	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4
≥ 5000	48.1	68.9	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3
≥ 4500	48.2	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	69.8
≥ 4000	48.8	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.2
≥ 3500	49.3	72.4	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0
≥ 3000	50.1	74.5	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 2500	50.4	77.4	78.1	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9
≥ 2000	51.2	80.3	81.0	81.5	82.0	82.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6
≥ 1800	51.4	81.3	82.0	82.5	83.0	83.0	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6
≥ 1500	51.5	81.9	83.0	83.7	84.2	84.2	84.8	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2
≥ 1200	51.8	84.0	85.3	86.2	86.9	87.1	87.9	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.5
≥ 1000	51.8	84.8	86.8	87.7	88.7	88.8	89.6	89.8	90.0	90.1	90.1	90.1	90.3	90.3	90.3	90.4
≥ 900	51.9	85.1	87.1	88.7	89.8	89.9	90.9	91.0	91.2	91.5	91.5	91.5	91.6	91.6	91.6	91.7
≥ 800	51.9	85.5	87.8	89.3	91.0	91.1	92.1	92.4	92.6	92.8	93.0	93.0	93.1	93.1	93.1	93.2
≥ 700	52.0	85.9	88.2	90.3	92.2	92.4	93.7	94.0	94.2	94.6	94.7	94.7	94.8	94.8	94.8	94.9
≥ 600	52.0	86.4	88.7	91.1	93.2	93.3	94.7	94.9	95.3	95.7	95.8	95.8	95.9	95.9	95.9	96.1
≥ 500	52.0	86.4	88.7	91.1	93.3	93.8	95.6	96.2	96.5	96.9	97.2	97.3	97.4	97.4	97.4	97.5
≥ 400	52.0	86.4	88.7	91.4	93.6	94.1	95.9	96.5	97.4	97.9	98.4	98.5	98.8	98.8	98.8	98.9
≥ 300	52.0	86.4	88.7	91.5	93.7	94.2	96.2	96.8	97.9	98.6	99.1	99.3	99.5	99.5	99.5	99.6
≥ 200	52.0	86.4	88.7	91.5	93.7	94.2	96.2	96.8	97.9	98.6	99.3	99.4	99.6	99.6	99.8	99.9
≥ 100	52.0	86.4	88.7	91.5	93.7	94.2	96.2	96.8	97.9	98.8	99.4	99.5	99.8	99.8	99.9	100.0
≥ 0	52.0	86.4	88.7	91.5	93.7	94.2	96.2	96.8	97.9	98.8	99.4	99.5	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 811

USAF ETAC FORM JUL 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	33.1	48.2	48.4	48.4	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 20000	36.2	51.8	52.2	52.2	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 18000	36.5	52.1	52.5	52.5	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 16000	37.1	52.7	53.1	53.1	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 14000	38.4	54.2	54.6	54.6	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 12000	39.2	55.8	56.2	56.2	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 10000	40.3	57.9	58.3	58.3	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 9000	40.5	58.4	58.7	58.7	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 8000	41.4	60.2	60.6	60.6	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 7000	42.6	61.8	62.4	62.4	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 6000	43.8	63.2	63.8	63.8	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 5000	44.5	65.5	66.1	66.1	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 4500	44.5	65.9	66.6	66.7	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4000	44.6	67.0	67.7	67.9	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.5
≥ 3500	45.3	68.8	69.6	69.7	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3
≥ 3000	46.3	71.9	72.8	72.9	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.5
≥ 2500	47.2	76.0	77.0	77.2	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1
≥ 2000	48.5	79.7	80.7	80.9	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0
≥ 1800	48.8	80.5	81.5	81.8	82.5	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0
≥ 1500	49.0	81.9	83.1	83.4	84.1	84.4	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0
≥ 1200	49.3	83.4	85.0	85.2	86.0	86.2	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8
≥ 1000	49.3	84.4	86.3	86.6	87.4	87.7	88.4	88.5	88.5	88.5	88.5	88.5	88.7	88.7	88.7	88.8
≥ 900	49.3	85.3	87.6	87.9	89.0	89.3	90.1	90.4	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.8
≥ 800	49.3	85.7	87.9	88.3	89.5	89.8	90.6	91.1	91.1	91.4	91.4	91.4	91.5	91.5	91.5	91.6
≥ 700	49.3	86.1	88.4	88.9	90.8	91.0	92.0	92.7	92.7	93.0	93.0	93.0	93.1	93.1	93.1	93.2
≥ 600	49.3	86.5	88.8	89.7	92.1	92.5	93.7	94.7	94.7	95.0	95.0	95.0	95.1	95.1	95.1	95.2
≥ 500	49.3	86.7	89.2	90.4	93.2	93.7	95.3	96.4	96.4	96.8	96.8	96.8	97.0	97.0	97.0	97.2
≥ 400	49.3	86.9	89.4	90.9	93.8	94.6	96.3	97.4	97.4	97.9	98.0	98.0	98.3	98.3	98.3	98.4
≥ 300	49.3	86.9	89.4	91.0	94.3	95.2	97.3	98.5	98.5	99.0	99.1	99.5	99.8	99.8	99.8	99.9
≥ 200	49.3	86.9	89.4	91.0	94.3	95.2	97.3	98.5	98.5	99.0	99.1	99.5	99.8	99.8	99.8	99.9
≥ 100	49.3	86.9	89.4	91.0	94.3	95.2	97.3	98.5	98.5	99.0	99.3	99.6	99.9	99.9	99.9	100.0
≥ 0	49.3	86.9	89.4	91.0	94.3	95.2	97.3	98.5	98.5	99.0	99.3	99.6	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 812

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.6	46.7	47.3	47.5	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.5
≥ 20000	35.0	50.5	51.0	51.3	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9	52.2
≥ 18000	35.0	50.5	51.0	51.3	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9	52.2
≥ 16000	35.6	51.0	51.5	51.8	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.5	52.5	52.5	52.7
≥ 14000	36.6	52.2	52.7	53.0	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.7	53.7	53.7	53.9
≥ 12000	37.4	53.7	54.2	54.5	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.4
≥ 10000	37.8	54.7	55.3	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.5
≥ 9000	38.1	55.4	55.9	56.2	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.9	56.9	56.9	57.1
≥ 8000	39.0	57.7	58.5	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.7
≥ 7000	40.6	59.5	60.3	60.6	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.7
≥ 6000	41.0	60.9	61.7	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	63.0
≥ 5000	41.5	62.5	63.4	63.6	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.6	64.6	64.6	64.8
≥ 4500	42.1	63.8	64.7	65.0	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.9	65.9	65.9	66.2
≥ 4000	42.2	64.5	65.4	65.6	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.6	66.6	66.7	67.1
≥ 3500	42.2	65.5	66.4	66.7	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.8	68.2
≥ 3000	42.5	67.1	68.1	68.7	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.8	70.2
≥ 2500	43.4	72.0	73.5	73.9	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	75.0	75.0	75.1	75.5
≥ 2000	44.7	77.5	79.2	80.0	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.4	81.8
≥ 1800	44.7	78.2	79.9	80.8	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.2	82.6
≥ 1500	45.1	80.0	81.8	83.1	83.9	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.4	84.4	84.6	85.0
≥ 1200	45.7	82.2	84.0	85.4	86.2	86.4	86.4	86.4	86.4	86.4	86.6	86.6	86.7	86.7	86.8	87.2
≥ 1000	45.9	83.1	85.2	86.6	87.4	87.6	87.6	87.6	87.6	87.7	87.9	87.9	88.0	88.0	88.1	88.5
≥ 900	45.9	84.7	86.8	88.3	89.3	89.6	89.6	89.7	89.7	89.9	90.0	90.0	90.1	90.1	90.3	90.7
≥ 800	45.9	85.5	87.6	89.2	90.3	90.5	90.5	90.9	90.9	91.1	91.2	91.2	91.3	91.3	91.5	91.9
≥ 700	45.9	85.6	87.9	89.7	90.9	91.2	91.5	92.0	92.0	92.1	92.3	92.3	92.4	92.4	92.5	92.9
≥ 600	45.9	86.0	88.7	90.5	92.0	92.3	92.5	93.1	93.2	93.3	93.5	93.5	93.6	93.6	93.7	94.1
≥ 500	46.2	87.0	89.9	91.9	93.6	94.0	94.7	95.3	95.5	95.6	95.7	95.7	95.9	95.9	96.0	96.4
≥ 400	46.3	87.2	90.1	92.1	94.4	94.8	95.6	96.5	96.7	96.8	96.9	96.9	97.1	97.1	97.2	97.6
≥ 300	46.3	87.2	90.1	92.3	94.8	95.5	96.7	98.0	98.1	98.3	98.4	98.4	99.1	99.2	99.5	99.9
≥ 200	46.3	87.2	90.1	92.3	94.8	95.5	96.7	98.1	98.3	98.4	98.5	98.5	99.2	99.3	99.6	100.0
≥ 100	46.3	87.2	90.1	92.3	94.8	95.5	96.7	98.1	98.3	98.4	98.5	98.5	99.2	99.3	99.6	100.0
≥ 0	46.3	87.2	90.1	92.3	94.8	95.5	96.7	98.1	98.3	98.4	98.5	98.5	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 751

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	29.4	42.7	43.1	43.3	43.4	43.5	43.6	43.7	43.7	43.7	43.7	43.8	43.9	43.9	43.9	44.0
≥ 20000	33.2	47.8	48.4	48.6	48.8	48.8	48.9	49.0	49.0	49.0	49.1	49.1	49.2	49.2	49.2	49.3
≥ 18000	33.3	48.0	48.5	48.7	48.9	49.0	49.1	49.1	49.1	49.2	49.2	49.3	49.3	49.3	49.4	49.4
≥ 16000	33.6	48.3	48.9	49.0	49.3	49.3	49.4	49.5	49.5	49.5	49.6	49.6	49.7	49.7	49.7	49.8
≥ 14000	34.4	49.2	49.8	50.0	50.2	50.2	50.3	50.4	50.4	50.4	50.5	50.5	50.6	50.6	50.6	50.7
≥ 12000	35.2	50.7	51.3	51.5	51.7	51.8	51.9	51.9	51.9	52.0	52.0	52.0	52.1	52.1	52.1	52.2
≥ 10000	36.2	52.9	53.7	53.9	54.1	54.2	54.3	54.3	54.3	54.4	54.4	54.5	54.5	54.6	54.6	54.7
≥ 9000	36.5	53.5	54.3	54.5	54.7	54.8	54.9	54.9	54.9	55.0	55.0	55.0	55.1	55.1	55.2	55.3
≥ 8000	37.2	55.9	56.7	56.9	57.2	57.2	57.3	57.4	57.4	57.4	57.5	57.5	57.6	57.6	57.6	57.7
≥ 7000	38.1	57.4	58.3	58.5	58.7	58.8	58.9	59.0	59.0	59.0	59.1	59.1	59.2	59.2	59.2	59.3
≥ 6000	38.8	58.8	59.8	60.0	60.2	60.3	60.4	60.5	60.5	60.5	60.6	60.6	60.7	60.7	60.7	60.8
≥ 5000	39.4	61.0	62.0	62.3	62.6	62.6	62.8	62.8	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.1
≥ 4500	39.6	61.6	62.7	63.0	63.3	63.4	63.5	63.5	63.5	63.6	63.6	63.7	63.7	63.8	63.8	63.9
≥ 4000	39.9	62.5	63.6	63.9	64.2	64.3	64.4	64.4	64.4	64.5	64.5	64.6	64.6	64.7	64.7	64.8
≥ 3500	40.2	63.7	64.9	65.2	65.6	65.6	65.8	65.8	65.8	65.9	65.9	66.0	66.0	66.1	66.1	66.2
≥ 3000	41.0	66.1	67.4	67.7	68.1	68.2	68.3	68.4	68.4	68.4	68.5	68.5	68.6	68.6	68.6	68.8
≥ 2500	41.8	69.2	70.7	71.2	71.7	71.8	72.0	72.0	72.0	72.1	72.1	72.2	72.2	72.2	72.3	72.4
≥ 2000	42.9	73.0	74.6	75.2	75.8	76.0	76.3	76.3	76.3	76.4	76.4	76.5	76.5	76.5	76.6	76.7
≥ 1800	43.0	73.9	75.5	76.2	76.8	77.0	77.3	77.3	77.3	77.4	77.4	77.5	77.5	77.6	77.6	77.8
≥ 1500	43.5	75.6	77.5	78.5	79.2	79.3	79.7	79.9	79.9	80.0	80.0	80.1	80.1	80.2	80.2	80.3
≥ 1200	44.0	78.1	80.0	81.1	82.0	82.2	82.8	83.0	83.1	83.2	83.2	83.2	83.3	83.3	83.4	83.5
≥ 1000	44.2	79.2	81.6	82.8	83.8	84.0	84.8	85.1	85.2	85.3	85.4	85.4	85.5	85.6	85.6	85.8
≥ 900	44.5	80.3	83.0	84.4	85.6	85.8	86.7	87.1	87.2	87.4	87.5	87.5	87.6	87.6	87.7	87.8
≥ 800	44.5	80.8	83.5	85.2	86.6	86.8	87.8	88.3	88.5	88.7	88.8	88.8	88.9	89.0	89.0	89.1
≥ 700	44.6	81.3	84.3	86.1	87.8	88.1	89.2	89.8	89.9	90.2	90.3	90.4	90.5	90.5	90.5	90.7
≥ 600	44.7	81.9	85.1	87.2	89.3	89.7	91.1	91.8	92.0	92.4	92.5	92.5	92.6	92.7	92.7	92.9
≥ 500	44.7	82.3	85.8	88.0	90.5	91.0	92.8	93.8	94.1	94.5	94.7	94.8	94.9	95.0	95.0	95.1
≥ 400	44.7	82.5	86.2	88.5	91.2	91.9	93.9	95.0	95.5	96.0	96.3	96.4	96.6	96.7	96.7	96.9
≥ 300	44.7	82.6	86.3	88.7	91.5	92.2	94.6	95.9	96.5	97.1	97.6	97.7	98.2	98.2	98.3	98.5
≥ 200	44.7	82.6	86.3	88.7	91.6	92.3	94.6	96.1	96.7	97.4	98.0	98.2	98.8	98.9	99.1	99.4
≥ 100	44.7	82.6	86.3	88.7	91.6	92.3	94.6	96.1	96.7	97.5	98.1	98.2	98.9	99.0	99.3	99.8
0	44.7	82.6	86.3	88.7	91.6	92.3	94.6	96.1	96.7	97.5	98.1	98.2	98.9	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 4716

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	19.4	40.8	44.1	45.5	47.9	48.2	48.8	49.1	49.1	49.4	49.4	49.4	49.4	49.4	49.4	49.8
≥ 20000	20.9	44.8	48.5	49.8	52.4	52.9	53.6	53.9	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.7
≥ 18000	20.9	45.2	48.8	50.2	52.7	53.2	53.9	54.2	54.2	54.5	54.5	54.5	54.5	54.5	54.5	55.2
≥ 16000	20.9	45.2	48.8	50.2	52.7	53.2	53.9	54.2	54.2	54.5	54.5	54.5	54.5	54.5	54.5	55.0
≥ 14000	21.4	45.8	49.7	51.1	53.6	54.1	54.8	55.2	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.9
≥ 12000	21.5	46.2	50.2	51.5	54.1	54.5	55.3	55.6	55.6	55.9	55.9	55.9	55.9	55.9	55.9	56.4
≥ 10000	22.1	47.7	51.7	53.3	55.9	56.4	57.1	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7	58.2
≥ 9000	23.2	49.1	53.0	54.7	57.3	57.7	58.5	58.8	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.5
≥ 8000	24.2	51.4	55.3	57.0	59.7	60.2	60.9	61.2	61.2	61.5	61.5	61.5	61.5	61.5	61.5	62.0
≥ 7000	24.8	52.7	56.7	58.3	61.1	61.7	62.4	62.7	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.5
≥ 6000	25.0	53.5	57.4	59.1	61.8	62.4	63.2	63.5	63.5	63.8	63.8	63.8	63.8	63.8	63.8	64.2
≥ 5000	26.8	56.1	60.2	61.8	64.5	65.2	66.1	66.4	66.4	66.7	66.7	66.7	66.7	66.7	66.7	67.1
≥ 4500	26.8	56.8	60.9	62.6	65.3	65.9	66.8	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.9
≥ 4000	27.3	58.3	62.4	64.1	67.0	67.6	68.5	69.1	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.8
≥ 3500	27.7	59.5	63.6	65.3	68.6	69.2	70.2	70.8	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.5
≥ 3000	28.8	62.0	66.1	68.0	71.5	72.1	73.0	73.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9	74.4
≥ 2500	29.7	64.2	68.8	70.9	74.4	75.0	75.9	76.5	76.5	76.8	76.8	76.8	76.8	76.8	76.8	77.3
≥ 2000	30.2	66.1	70.9	73.2	76.7	77.3	78.2	78.8	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.5
≥ 1800	30.3	66.5	71.4	73.9	77.6	78.2	79.1	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.5
≥ 1500	30.6	68.5	73.6	76.4	80.3	80.9	82.4	83.0	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.8
≥ 1200	30.8	70.0	75.9	78.9	82.9	83.5	85.0	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.5
≥ 1000	30.9	71.5	77.9	80.9	85.0	85.8	87.3	88.2	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.9
≥ 900	30.9	72.3	78.9	82.1	86.7	87.4	89.1	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.8
≥ 800	30.9	72.7	79.7	82.9	87.9	88.6	90.3	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	92.3
≥ 700	30.9	73.0	80.2	83.6	88.6	89.5	91.2	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	93.3
≥ 600	30.9	73.5	80.9	84.4	89.5	90.5	92.6	94.2	94.4	94.7	94.7	94.7	94.7	94.7	94.7	95.2
≥ 500	30.9	73.5	81.1	84.7	89.8	90.8	92.9	95.0	95.2	95.5	95.5	95.5	95.5	95.6	95.6	96.1
≥ 400	30.9	73.5	81.1	84.7	90.2	91.1	93.2	95.5	95.6	95.9	95.9	95.9	95.9	96.1	96.1	96.5
≥ 300	30.9	73.5	81.2	84.8	90.5	91.4	93.5	95.8	96.1	96.4	96.4	96.4	96.4	96.5	96.5	97.0
≥ 200	30.9	73.5	81.2	84.8	90.5	91.4	93.6	95.9	96.2	96.7	97.0	97.0	97.3	97.7	98.0	98.8
≥ 100	30.9	73.5	81.2	84.8	90.5	91.4	93.6	95.9	96.2	96.7	97.0	97.0	97.3	97.9	98.5	100.0
≥ 0	30.9	73.5	81.2	84.8	90.5	91.5	93.6	95.9	96.2	96.7	97.0	97.0	97.3	97.9	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 660

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900- (HOURS LST) 10

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	25.4	46.4	47.4	48.4	48.5	48.8	49.1	49.3	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 20000	28.3	53.6	54.8	55.7	56.0	56.2	56.6	56.8	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 18000	28.5	54.1	55.3	56.2	56.5	56.8	57.2	57.3	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 16000	28.5	54.1	55.3	56.2	56.5	56.8	57.2	57.3	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 14000	28.6	54.7	55.8	56.8	57.0	57.3	57.7	57.8	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 12000	29.2	56.1	57.3	58.2	58.5	58.7	59.1	59.3	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 10000	30.5	58.0	59.1	60.1	60.3	60.6	61.0	61.1	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 9000	30.9	58.7	59.9	60.8	61.1	61.4	61.8	61.9	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 8000	32.2	61.0	62.2	63.1	63.3	63.6	64.0	64.1	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 7000	32.9	61.8	62.9	63.9	64.1	64.4	64.8	64.9	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 6000	32.9	62.0	63.2	64.1	64.4	64.7	65.0	65.2	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 5000	33.4	63.6	64.8	65.8	66.1	66.4	66.8	66.9	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 4500	33.5	64.1	65.3	66.4	66.6	66.9	67.3	67.4	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 4000	33.6	65.2	66.4	67.4	67.7	67.9	68.3	68.5	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 3500	33.6	65.4	66.9	67.9	68.2	68.6	69.0	69.1	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 3000	35.5	68.7	70.2	71.2	71.5	71.9	72.4	72.5	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 2500	35.9	71.0	72.4	73.5	74.0	74.5	75.2	75.3	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 2000	36.3	72.8	74.4	75.4	76.0	76.5	77.1	77.3	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 1800	36.4	74.0	75.6	76.6	77.1	77.7	78.4	78.6	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 1500	37.1	77.1	79.1	80.4	81.3	81.9	82.8	82.9	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1200	37.1	80.3	82.7	84.5	85.4	86.1	87.0	87.1	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1000	37.1	81.2	83.8	86.2	87.5	88.3	89.2	89.4	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 900	37.1	81.9	84.6	87.0	88.4	89.2	90.3	90.4	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 800	37.1	82.8	86.2	88.7	90.3	91.1	92.2	92.4	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 700	37.1	83.0	86.7	89.9	91.5	92.5	93.7	94.0	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 600	37.1	83.3	87.1	90.7	92.4	93.4	95.0	95.8	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 500	37.1	83.3	87.3	90.8	92.8	93.8	95.8	96.7	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	37.1	83.4	87.4	90.9	92.9	94.1	96.6	97.5	97.8	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 300	37.1	83.4	87.4	90.9	93.0	94.2	96.8	97.8	98.0	98.6	98.6	98.7	98.8	98.8	98.8	98.8
≥ 200	37.1	83.4	87.4	90.9	93.0	94.2	96.8	97.8	98.0	98.6	98.7	98.8	99.5	99.7	99.9	100.0
≥ 100	37.1	83.4	87.4	90.9	93.0	94.2	96.8	97.8	98.0	98.6	98.7	98.8	99.5	99.7	99.9	100.0
≥ 0	37.1	83.4	87.4	90.9	93.0	94.2	96.8	97.8	98.0	98.6	98.7	98.8	99.5	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 761

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.9	50.3	50.4	50.5	50.8	50.8	50.8	50.8	50.8	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 20000	37.0	58.7	58.9	59.2	59.6	59.6	59.6	59.6	59.6	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 18000	37.3	59.8	60.1	60.4	60.8	60.8	60.8	60.8	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 16000	37.5	60.4	60.6	60.9	61.3	61.3	61.3	61.3	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 14000	38.2	61.3	61.5	61.8	62.2	62.2	62.2	62.2	62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 12000	38.7	62.2	62.5	62.7	63.1	63.1	63.1	63.1	63.1	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 10000	39.6	64.7	65.0	65.2	65.6	65.6	65.6	65.6	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 9000	39.9	65.7	66.0	66.3	66.7	66.7	66.7	66.7	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 8000	40.3	67.1	67.3	67.6	68.0	68.0	68.0	68.0	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 7000	40.6	67.7	68.0	68.2	68.6	68.6	68.6	68.6	68.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 6000	41.3	68.8	69.0	69.3	69.7	69.7	69.7	69.7	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 5000	41.7	69.8	70.1	70.3	70.7	70.9	70.9	70.9	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 4500	42.3	70.6	70.9	71.1	71.5	71.7	71.7	71.7	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 4000	43.2	72.4	72.7	73.0	73.4	73.5	73.5	73.5	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 3500	45.0	74.5	75.1	75.3	75.7	75.9	75.9	75.9	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 3000	46.2	76.5	77.1	77.4	77.8	78.0	78.0	78.0	78.0	78.3	78.3	78.3	78.6	78.6	78.6	78.6
≥ 2500	47.4	81.0	81.5	81.9	82.3	82.4	82.4	82.4	82.4	82.8	82.8	82.8	83.1	83.1	83.1	83.1
≥ 2000	48.1	83.1	83.9	84.3	84.6	84.9	84.9	84.9	84.9	85.3	85.3	85.3	85.6	85.6	85.6	85.6
≥ 1800	49.0	84.1	84.9	85.3	85.8	86.4	86.4	86.4	86.4	86.7	86.7	86.7	87.0	87.0	87.0	87.0
≥ 1500	49.2	86.6	87.7	88.2	88.7	89.2	89.4	89.4	89.4	89.8	89.8	89.8	90.0	90.0	90.0	90.0
≥ 1200	49.7	88.6	89.9	90.8	91.5	92.0	92.3	92.3	92.3	92.7	92.7	92.7	92.9	92.9	92.9	92.9
≥ 1000	49.7	89.4	90.9	91.9	92.5	93.2	93.4	93.4	93.4	93.8	93.8	93.8	94.1	94.1	94.1	94.1
≥ 900	49.7	89.9	91.9	93.0	93.8	94.5	94.8	94.9	94.9	95.3	95.3	95.3	95.5	95.5	95.5	95.5
≥ 800	49.7	90.3	92.8	94.0	94.9	95.8	96.2	96.3	96.5	96.9	96.9	96.9	97.1	97.1	97.1	97.1
≥ 700	49.7	90.4	92.9	94.1	95.0	95.9	96.5	96.6	96.7	97.1	97.1	97.1	97.4	97.4	97.4	97.4
≥ 600	49.7	90.6	93.3	94.6	95.7	96.6	97.2	97.9	98.0	98.4	98.4	98.4	98.7	98.7	98.7	98.7
≥ 500	49.7	90.8	93.6	95.0	96.3	97.2	98.0	98.7	98.8	99.2	99.2	99.2	99.5	99.5	99.5	99.5
≥ 400	49.7	90.8	93.6	95.0	96.6	97.5	98.4	99.1	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 300	49.7	90.8	93.6	95.0	96.6	97.5	98.4	99.1	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 200	49.7	90.8	93.6	95.0	96.6	97.5	98.4	99.1	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	49.7	90.8	93.6	95.0	96.6	97.5	98.4	99.1	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0
0	49.7	90.8	93.6	95.0	96.6	97.5	98.4	99.1	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 742

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	42.9	55.9	56.7	56.7	56.7	56.7	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 20000	46.2	63.2	63.9	63.9	63.9	63.9	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 18000	46.7	63.7	64.5	64.5	64.5	64.5	64.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 16000	47.1	64.3	65.1	65.1	65.1	65.1	65.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 14000	47.4	65.1	65.9	65.9	65.9	65.9	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 12000	48.3	67.1	67.9	67.9	67.9	67.9	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 10000	49.3	69.1	69.9	69.9	69.9	69.9	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 9000	49.7	69.6	70.4	70.4	70.4	70.4	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 8000	50.3	71.3	72.2	72.2	72.2	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 7000	50.5	71.6	72.5	72.5	72.5	72.5	72.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 6000	51.4	72.8	73.7	73.7	73.7	73.7	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 5000	52.1	73.9	75.1	75.1	75.1	75.1	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4500	53.0	75.3	76.4	76.4	76.4	76.4	76.4	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 4000	54.5	77.5	78.8	78.9	78.9	78.9	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3500	55.7	79.1	80.5	80.8	80.8	80.8	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3000	56.4	80.7	82.2	82.6	82.6	82.6	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2500	57.2	83.7	85.3	85.8	85.9	85.9	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2000	58.7	86.1	88.0	88.6	88.7	88.7	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1800	58.8	86.6	88.6	89.2	89.5	89.5	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1500	59.2	88.0	90.3	90.9	91.4	91.4	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1200	59.5	90.0	92.2	93.0	93.6	93.6	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000	59.5	90.5	92.8	93.6	94.2	94.2	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 900	59.9	91.3	93.7	94.6	95.4	95.5	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	59.9	91.3	93.7	94.9	95.8	95.9	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	59.9	91.3	93.7	94.9	95.8	95.9	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 600	59.9	91.3	94.3	95.5	96.4	96.6	97.0	97.9	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 500	59.9	91.3	94.5	95.7	96.7	96.8	97.4	98.3	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 400	59.9	91.4	94.6	95.9	97.2	97.4	98.2	99.5	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 300	59.9	91.4	94.6	95.9	97.4	97.5	98.3	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	59.9	91.4	94.6	95.9	97.4	97.5	98.3	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	59.9	91.4	94.6	95.9	97.4	97.5	98.3	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	59.9	91.4	94.6	95.9	97.4	97.5	98.3	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 760

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES: ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	≥5/16	≥¼	0
NO CEILING	43.7	58.7	59.6	60.0	60.0	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 20000	45.9	63.1	64.0	64.4	64.4	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 18000	45.9	63.3	64.3	64.7	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 16000	45.9	63.5	64.4	64.8	64.8	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 14000	46.3	64.1	65.1	65.5	65.5	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 12000	47.4	66.1	67.1	67.5	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 10000	48.1	69.1	70.1	70.7	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 9000	48.2	69.2	70.3	70.8	70.8	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
≥ 8000	48.3	71.0	72.1	72.6	72.6	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 7000	48.3	71.4	72.5	73.0	73.0	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 6000	48.7	71.8	72.9	73.6	73.6	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 5000	49.9	73.8	75.2	75.8	76.0	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 4500	50.6	75.0	76.4	77.2	77.3	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4000	51.7	77.0	78.8	79.5	79.7	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 3500	52.5	78.2	79.9	80.9	81.0	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3000	53.0	79.9	82.2	83.3	83.5	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2500	53.9	84.7	87.8	89.2	89.8	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2000	54.3	86.2	89.2	90.7	91.2	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800	54.3	86.5	89.5	91.0	91.5	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	54.6	87.8	91.0	92.6	93.1	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	54.6	88.6	91.8	93.4	94.0	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1000	54.6	88.8	92.0	93.9	94.7	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 900	54.7	89.5	92.7	94.7	96.0	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	54.7	89.6	93.1	95.2	96.5	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	54.8	89.9	93.4	95.6	96.9	97.6	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	54.8	89.9	93.5	95.9	97.2	98.0	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	54.8	89.9	93.5	95.9	97.2	98.0	98.0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	54.8	90.0	93.6	96.0	97.3	98.1	98.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	54.8	90.0	93.6	96.0	97.3	98.1	98.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	54.8	90.0	93.6	96.0	97.3	98.1	98.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 100	54.8	90.0	93.6	96.0	97.3	98.1	98.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
0	54.8	90.0	93.6	96.0	97.3	98.1	98.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 753

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) FEB (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	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	<¼
NO CEILING	42.2	59.0	59.8	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 20000	43.6	62.8	63.7	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
≥ 18000	43.6	62.8	63.7	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	43.8	63.0	63.8	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 14000	44.2	63.6	64.4	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 12000	45.1	65.1	66.0	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
≥ 10000	45.3	66.9	67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 9000	45.3	67.0	67.9	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 8000	45.3	68.0	68.9	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 7000	45.3	68.9	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 6000	45.6	69.6	70.4	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 5000	46.5	71.9	72.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 4500	46.8	73.5	74.5	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
≥ 4000	47.2	74.9	75.9	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
≥ 3500	48.6	76.9	77.9	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 3000	49.8	80.3	81.5	83.1	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2500	50.5	82.9	84.5	86.1	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2000	51.1	85.4	86.9	88.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1800	51.1	86.2	87.8	89.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500	51.1	87.1	88.8	90.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200	51.1	87.8	89.5	91.4	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1000	51.1	88.1	90.0	92.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 900	51.1	89.0	90.8	93.3	95.0	95.0	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	51.1	89.1	91.0	93.5	95.3	95.4	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	51.1	89.4	91.2	94.3	96.0	97.0	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	51.1	89.4	91.2	94.3	96.0	97.0	97.1	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	51.1	89.4	91.7	94.7	96.7	97.7	97.8	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	51.1	89.7	92.0	95.0	97.0	98.0	98.6	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	51.1	89.7	92.0	95.0	97.0	98.0	98.6	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	51.1	89.7	92.3	95.3	97.3	98.3	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	51.1	89.7	92.3	95.3	97.3	98.3	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	51.1	89.7	92.3	95.3	97.3	98.3	98.9	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 697

USAF ETAC FORM 101-84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.5	51.8	53.0	53.5	54.0	54.1	54.3	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.7
≥ 20000	37.1	57.7	59.0	59.6	60.1	60.2	60.4	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.8
≥ 18000	37.3	58.2	59.5	60.1	60.6	60.7	60.9	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.3
≥ 16000	37.4	58.5	59.7	60.3	60.8	60.9	61.1	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 14000	37.8	59.2	60.5	61.0	61.5	61.7	61.9	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.3
≥ 12000	38.5	60.6	61.9	62.4	62.9	63.1	63.3	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.7
≥ 10000	39.3	62.6	64.0	64.6	65.1	65.3	65.4	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 9000	39.7	63.3	64.6	65.3	65.8	65.9	66.1	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.5
≥ 8000	40.2	65.0	66.4	67.0	67.5	67.7	67.9	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.3
≥ 7000	40.5	65.7	67.1	67.7	68.2	68.4	68.6	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	69.0
≥ 6000	41.0	66.5	67.8	68.5	69.0	69.2	69.3	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 5000	41.6	68.2	69.7	70.4	71.0	71.2	71.4	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.8
≥ 4500	42.3	69.2	70.7	71.5	72.0	72.2	72.4	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.9
≥ 4000	43.0	70.9	72.5	73.3	73.9	74.1	74.3	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.8
≥ 3500	44.0	72.3	74.0	74.9	75.6	75.8	76.0	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 3000	45.1	74.1	76.5	77.5	78.3	78.6	78.8	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.3
≥ 2500	45.9	78.0	80.1	81.3	82.2	82.4	82.7	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.2
≥ 2000	46.7	80.0	82.4	83.6	84.6	84.9	85.1	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.7
≥ 1800	46.8	80.6	83.1	84.4	85.5	85.8	86.1	86.3	86.3	86.5	86.5	86.5	86.6	86.6	86.6	86.6
≥ 1500	47.1	82.7	85.2	86.7	87.9	88.3	88.7	88.9	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2
≥ 1200	47.2	84.4	87.2	88.8	90.2	90.5	91.0	91.2	91.2	91.4	91.4	91.4	91.5	91.5	91.5	91.5
≥ 1000	47.3	85.1	88.1	90.0	91.5	91.8	92.3	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.9
≥ 900	47.4	85.6	89.0	91.0	92.7	93.1	93.7	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.3
≥ 800	47.5	86.2	89.6	91.7	93.6	94.1	94.7	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.5
≥ 700	47.4	86.4	89.9	92.2	94.1	94.9	95.5	96.0	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.4
≥ 600	47.5	86.5	90.3	92.7	94.8	95.6	96.2	97.1	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 500	47.4	86.6	90.5	93.0	95.0	95.8	96.7	97.7	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.2
≥ 400	47.5	86.7	90.6	93.1	95.3	96.1	97.3	98.4	98.6	98.8	98.8	98.8	98.9	98.9	98.9	99.0
≥ 300	47.4	86.7	90.6	93.1	95.4	96.2	97.4	98.5	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.2
≥ 200	47.5	86.7	90.6	93.2	95.5	96.3	97.5	98.6	98.8	99.0	99.1	99.2	99.3	99.5	99.6	99.7
≥ 100	47.4	86.7	90.6	93.2	95.4	96.3	97.5	98.6	98.8	99.0	99.1	99.2	99.4	99.5	99.6	99.9
≥ 0	47.5	86.7	90.6	93.2	95.5	96.3	97.5	98.6	98.8	99.0	99.1	99.2	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 8809

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	12.8	34.9	37.3	39.2	40.1	40.4	40.8	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 20000	14.5	40.2	43.1	45.1	46.1	46.4	46.8	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 18000	14.6	40.5	43.3	45.4	46.3	46.7	47.1	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 16000	14.6	40.6	43.5	45.5	46.4	46.8	47.2	47.3	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 14000	15.3	41.7	44.5	46.6	47.5	47.9	48.3	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 12000	15.7	42.9	45.9	48.0	48.9	49.3	49.7	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 10000	16.6	45.8	49.0	51.2	52.1	52.5	52.9	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 9000	16.7	46.8	50.2	52.4	53.3	53.7	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 8000	17.6	50.6	53.9	56.3	57.2	57.6	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 7000	18.0	51.6	55.4	57.7	58.6	59.0	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 6000	18.1	52.1	55.9	58.2	59.4	59.8	60.2	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 5000	18.4	53.9	58.0	60.4	61.6	62.0	62.4	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 4500	18.9	55.2	59.4	61.8	63.3	63.6	64.0	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 4000	19.0	56.0	60.3	62.9	64.3	64.8	65.3	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 3500	19.1	57.1	61.4	64.2	65.7	66.2	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 3000	19.7	58.7	63.5	66.2	67.9	68.4	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 2500	20.3	61.2	66.1	69.0	70.6	71.2	71.8	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 2000	21.7	64.6	69.7	72.6	74.3	74.8	75.4	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 1800	22.3	65.8	71.0	73.9	75.9	76.5	77.1	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 1500	23.4	69.2	74.6	77.7	80.7	81.2	82.0	82.5	82.5	82.7	82.7	82.7	82.8	82.8	82.8	82.8
≥ 1200	23.9	71.0	76.8	80.2	83.2	83.7	84.6	85.1	85.1	85.3	85.3	85.3	85.4	85.4	85.4	85.4
≥ 1000	24.2	72.6	78.8	82.1	85.3	85.8	86.9	87.5	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.7
≥ 900	24.2	73.0	79.8	83.6	86.8	87.3	88.5	89.0	89.0	89.1	89.1	89.1	89.3	89.3	89.3	89.3
≥ 800	24.3	73.4	80.3	84.1	87.6	88.1	89.3	89.8	89.8	89.9	89.9	89.9	90.0	90.2	90.2	90.2
≥ 700	24.3	74.0	81.1	84.9	88.5	89.0	90.2	90.8	90.8	91.1	91.1	91.1	91.2	91.3	91.3	91.3
≥ 600	24.5	74.8	82.1	86.2	90.2	90.8	92.1	92.9	92.9	93.1	93.3	93.3	93.4	93.5	93.5	93.5
≥ 500	24.6	75.3	82.7	86.7	90.7	91.3	92.6	93.4	93.4	93.7	93.8	93.8	93.9	94.0	94.0	94.0
≥ 400	24.6	75.7	83.1	87.1	91.3	92.0	93.8	94.7	94.7	95.2	95.3	95.3	95.6	95.9	95.9	96.2
≥ 300	24.6	75.7	83.1	87.1	91.7	92.4	94.4	95.5	95.5	96.0	96.1	96.1	96.4	96.6	96.8	97.5
≥ 200	24.6	75.7	83.1	87.3	92.1	92.8	94.8	95.9	95.9	96.4	96.5	96.6	97.0	97.3	97.5	99.4
≥ 100	24.6	75.7	83.1	87.3	92.1	92.8	94.8	95.9	95.9	96.4	96.5	96.6	97.0	97.3	97.5	99.9
≥ 0	24.6	75.7	83.1	87.3	92.1	92.8	94.8	95.9	95.9	96.4	96.5	96.6	97.0	97.3	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 773

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	≥1	≥⅞	≥¾	≥⅝	≥5/16	≥0	≥0
NO CEILING	21.2	42.6	43.3	43.8	43.9	43.9	43.9	43.9	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0
≥ 20000	24.0	49.3	50.0	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7
≥ 18000	24.3	49.6	50.4	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1
≥ 16000	24.4	49.8	50.5	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2
≥ 14000	24.4	50.2	51.0	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7
≥ 12000	25.1	51.7	52.4	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1
≥ 10000	26.0	53.8	54.5	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3
≥ 9000	26.6	54.4	55.1	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.9	55.9	55.9	55.9	55.9	55.9
≥ 8000	27.3	57.3	58.1	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9
≥ 7000	27.8	58.5	59.4	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.8	60.8	60.8	60.8	60.8	60.8
≥ 6000	28.7	60.2	61.1	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1
≥ 5000	28.9	61.4	62.4	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.8	63.8	63.8	63.8	63.8	63.8
≥ 4500	29.4	62.2	63.4	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5
≥ 4000	29.9	63.9	65.1	65.9	66.3	66.3	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6
≥ 3500	30.0	65.3	66.7	67.7	68.1	68.1	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4
≥ 3000	31.1	68.8	70.0	71.1	71.8	71.8	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8
≥ 2500	32.2	70.9	72.8	74.3	74.6	74.6	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0
≥ 2000	34.0	75.7	78.2	79.8	80.3	80.3	80.7	80.7	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9
≥ 1800	34.6	77.3	79.8	81.3	81.9	81.9	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1500	35.4	80.4	83.4	84.9	85.5	85.9	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1200	36.1	82.7	85.9	87.6	88.6	88.6	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1000	36.7	85.4	88.6	90.4	91.5	91.5	92.1	92.1	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5
≥ 900	36.7	85.9	89.6	91.4	92.5	92.5	93.1	93.1	93.2	93.3	93.5	93.5	93.5	93.5	93.5	93.5
≥ 800	36.7	86.5	90.3	92.1	93.2	93.2	93.9	93.9	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3
≥ 700	36.7	86.8	90.8	92.6	93.8	93.8	94.5	94.5	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1
≥ 600	36.7	87.0	91.0	92.8	94.1	94.1	94.9	95.1	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.9
≥ 500	36.7	87.2	91.6	93.5	95.6	95.6	96.5	96.9	97.2	97.5	97.7	97.7	97.7	97.7	97.7	97.8
≥ 400	36.7	87.2	91.6	93.7	96.2	96.2	97.2	97.8	98.3	98.7	98.9	98.9	99.0	99.0	99.0	99.2
≥ 300	36.7	87.2	91.6	93.7	96.2	96.3	97.4	98.4	98.9	99.4	99.6	99.6	99.8	99.8	99.8	99.9
≥ 200	36.7	87.2	91.6	93.7	96.3	96.4	97.5	98.6	99.0	99.5	99.8	99.8	99.9	99.9	99.9	100.0
≥ 100	36.7	87.2	91.6	93.7	96.3	96.4	97.5	98.6	99.0	99.5	99.8	99.8	99.9	99.9	99.9	100.0
≥ 0	36.7	87.2	91.6	93.7	96.3	96.4	97.5	98.6	99.0	99.5	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 836

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	29.5	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 20000	35.1	54.8	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 18000	35.1	54.8	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 16000	35.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 14000	35.5	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 12000	36.6	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 10000	38.5	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 9000	39.3	62.4	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	62.5
≥ 8000	40.4	65.1	65.2	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
≥ 7000	40.5	66.4	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 6000	40.7	66.9	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 5000	41.2	68.3	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 4500	41.6	69.8	70.1	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 4000	42.7	72.2	72.5	72.8	73.2	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3500	43.0	74.2	74.6	74.8	75.3	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 3000	43.7	78.6	79.2	79.5	80.2	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 2500	45.2	83.0	83.8	84.0	84.8	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000	47.0	86.6	87.5	87.8	89.2	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	47.2	87.2	88.1	88.4	89.8	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1500	47.7	88.6	89.7	90.2	91.9	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1200	47.8	89.6	90.7	91.5	93.4	93.8	94.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000	47.8	90.7	92.0	92.8	95.0	95.3	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 900	47.8	91.3	92.6	93.4	95.6	95.9	96.3	96.4	96.4	96.5	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	47.9	91.5	93.1	94.0	96.2	96.5	96.9	97.0	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	48.0	91.9	93.4	94.5	96.9	97.3	97.7	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	48.1	92.0	93.5	94.6	97.1	97.5	98.2	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	48.1	92.1	94.0	95.3	97.8	98.3	99.0	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	48.1	92.1	94.0	95.3	97.8	98.4	99.2	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	48.1	92.1	94.0	95.3	97.8	98.4	99.3	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	48.1	92.1	94.0	95.3	97.8	98.4	99.3	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	48.1	92.1	94.0	95.3	97.8	98.4	99.3	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	48.1	92.1	94.0	95.3	97.8	98.4	99.3	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	34.1	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 20000	41.7	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 18000	41.7	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 16000	41.8	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 14000	42.8	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 12000	43.2	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	61.6	61.6
≥ 10000	45.6	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	66.3	66.3
≥ 9000	46.4	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	67.5
≥ 8000	48.7	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 7000	49.3	71.7	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
≥ 6000	49.6	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 5000	50.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 4500	50.8	75.3	75.4	75.4	75.5	75.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4000	52.1	77.5	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 3500	53.8	80.4	80.5	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3000	54.2	82.1	82.2	82.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 2500	54.6	84.9	85.2	85.2	85.6	85.9	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2000	55.9	88.2	89.0	89.5	90.2	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1800	55.9	88.3	89.1	89.6	90.4	90.7	91.0	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1500	56.2	88.8	89.6	90.3	91.2	91.6	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1200	56.3	90.0	91.3	91.9	93.1	93.3	94.1	94.1	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4
≥ 1000	56.3	90.6	92.0	92.6	94.3	94.5	95.6	95.7	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9
≥ 900	56.6	91.6	93.2	94.0	95.5	95.7	96.8	96.9	96.9	97.1	97.1	97.3	97.3	97.3	97.3	97.3
≥ 800	56.6	91.9	93.4	94.3	95.7	95.9	97.0	97.1	97.1	97.4	97.4	97.7	97.7	97.7	97.7	97.7
≥ 700	56.6	92.0	93.8	94.6	96.1	96.3	97.5	97.6	97.6	98.0	98.0	98.3	98.3	98.3	98.3	98.3
≥ 600	56.6	92.2	94.1	95.0	96.5	96.8	98.0	98.1	98.1	98.4	98.4	98.8	98.9	99.3	99.3	99.3
≥ 500	56.6	92.2	94.4	95.2	96.8	97.0	98.3	98.8	98.8	99.2	99.3	99.6	99.6	99.6	99.6	99.6
≥ 400	56.6	92.2	94.5	95.3	96.9	97.3	98.7	99.2	99.2	99.5	99.6	100.0	100.0	100.0	100.0	100.0
≥ 300	56.6	92.2	94.5	95.3	96.9	97.3	98.7	99.2	99.2	99.5	99.6	100.0	100.0	100.0	100.0	100.0
≥ 200	56.6	92.2	94.5	95.3	96.9	97.3	98.7	99.2	99.2	99.5	99.6	100.0	100.0	100.0	100.0	100.0
≥ 100	56.6	92.2	94.5	95.3	96.9	97.3	98.7	99.2	99.2	99.5	99.6	100.0	100.0	100.0	100.0	100.0
0	56.6	92.2	94.5	95.3	96.9	97.3	98.7	99.2	99.2	99.5	99.6	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 432

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 20000	41.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 18000	41.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 16000	41.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 14000	42.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 12000	43.5	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	66.6	66.6
≥ 10000	45.2	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	70.4
≥ 9000	45.2	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	70.4
≥ 8000	46.5	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 7000	47.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 6000	48.0	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	74.1
≥ 5000	48.7	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 4500	49.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 4000	50.1	80.2	80.2	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 3500	50.7	81.9	81.9	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3000	51.2	83.7	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2500	51.3	85.5	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2000	51.7	87.7	88.2	88.4	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1800	51.7	88.4	88.9	89.5	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1500	52.3	90.2	91.0	91.7	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.5	92.7	92.7	92.7	92.7
≥ 1200	52.7	91.1	92.0	93.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.5	94.6	94.6	94.6	94.6
≥ 1000	52.7	91.4	92.4	93.7	94.8	94.9	95.2	95.3	95.3	95.3	95.3	95.4	95.5	95.5	95.5	95.5
≥ 900	52.9	92.2	93.4	94.7	95.9	96.0	96.3	96.4	96.5	96.7	96.7	96.9	97.0	97.0	97.0	97.0
≥ 800	52.9	92.2	93.5	94.8	96.3	96.4	96.9	97.0	97.1	97.3	97.3	97.5	97.6	97.6	97.6	97.6
≥ 700	52.9	92.4	94.0	95.4	97.3	97.5	98.0	98.1	98.2	98.7	98.7	98.8	98.9	98.9	98.9	98.9
≥ 600	52.9	92.5	94.2	95.7	97.8	98.0	98.4	98.7	98.8	99.3	99.3	99.4	99.5	99.5	99.5	99.5
≥ 500	52.9	92.7	94.3	95.8	98.0	98.1	98.6	99.0	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9
≥ 400	52.9	92.7	94.3	95.8	98.0	98.1	98.6	99.2	99.3	99.8	99.8	99.9	100.0	100.0	100.0	100.0
≥ 300	52.9	92.7	94.3	95.8	98.0	98.1	98.6	99.2	99.3	99.8	99.8	99.9	100.0	100.0	100.0	100.0
≥ 200	52.9	92.7	94.3	95.8	98.0	98.1	98.6	99.2	99.3	99.8	99.8	99.9	100.0	100.0	100.0	100.0
≥ 100	52.9	92.7	94.3	95.8	98.0	98.1	98.6	99.2	99.3	99.8	99.8	99.9	100.0	100.0	100.0	100.0
≥ 0	52.9	92.7	94.3	95.8	98.0	98.1	98.6	99.2	99.3	99.8	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 830

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS L.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	36.1	52.8	52.8	52.8	53.0	53.0	53.0	53.1	53.1	53.2	53.4	53.4	53.4	53.4	53.4	53.4
≥ 20000	39.2	60.0	60.0	60.0	60.1	60.1	60.1	60.3	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.5
≥ 18000	39.3	60.3	60.3	60.3	60.4	60.4	60.4	60.5	60.5	60.7	60.8	60.8	60.8	60.8	60.8	60.8
≥ 16000	39.6	60.5	60.5	60.5	60.7	60.7	60.7	60.8	60.8	60.9	61.1	61.1	61.1	61.1	61.1	61.1
≥ 14000	39.6	60.7	60.7	60.7	60.8	60.8	60.8	60.9	60.9	61.1	61.2	61.2	61.2	61.2	61.2	61.2
≥ 12000	39.7	62.3	62.3	62.3	62.5	62.5	62.5	62.6	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8
≥ 10000	42.6	66.2	66.2	66.2	66.4	66.4	66.4	66.5	66.5	66.6	66.8	66.8	66.8	66.8	66.8	66.8
≥ 9000	42.6	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.6	66.8	66.9	66.9	66.9	66.9	66.9	66.9
≥ 8000	43.9	68.0	68.0	68.0	68.1	68.1	68.1	68.2	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.5
≥ 7000	44.5	69.1	69.1	69.1	69.2	69.2	69.2	69.3	69.3	69.5	69.6	69.6	69.6	69.6	69.6	69.6
≥ 6000	45.4	70.1	70.1	70.1	70.3	70.3	70.3	70.4	70.4	70.5	70.7	70.7	70.7	70.7	70.7	70.7
≥ 5000	47.2	73.8	73.8	73.8	74.1	74.1	74.1	74.2	74.2	74.3	74.5	74.5	74.5	74.5	74.5	74.5
≥ 4500	48.4	75.4	75.4	75.4	75.7	75.7	75.7	75.8	75.8	75.9	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4000	49.3	77.6	77.7	77.7	78.0	78.0	78.0	78.1	78.1	78.2	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3500	50.5	79.2	79.3	79.3	79.6	79.6	79.6	79.7	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3000	51.4	82.2	82.8	83.1	83.5	83.5	83.5	83.6	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2500	51.5	83.5	84.2	84.5	84.9	84.9	84.9	85.0	85.0	85.1	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000	52.1	86.6	87.3	87.6	88.0	88.0	88.0	88.1	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800	53.2	87.4	88.2	88.5	88.9	88.9	88.9	89.1	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1500	53.2	88.0	89.1	89.5	90.0	90.0	90.1	90.4	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1200	53.5	88.6	89.7	90.4	91.6	91.6	92.0	92.3	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1000	54.1	89.5	90.5	91.2	92.8	92.8	93.2	93.5	93.5	93.9	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	54.1	90.3	91.5	92.3	93.9	93.9	94.6	95.0	95.1	95.5	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	54.2	90.8	92.0	93.0	95.0	95.0	95.8	96.5	96.6	97.0	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	54.2	91.2	92.8	93.8	95.9	96.1	96.9	97.6	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	54.2	91.2	93.2	94.2	96.5	96.6	97.4	98.2	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	54.2	91.6	93.9	94.9	97.3	97.4	98.2	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	54.2	91.6	93.9	94.9	97.3	97.4	98.2	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	54.2	91.6	93.9	94.9	97.3	97.4	98.2	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	54.2	91.6	93.9	94.9	97.3	97.4	98.2	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	54.2	91.6	93.9	94.9	97.3	97.4	98.2	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	54.2	91.6	93.9	94.9	97.3	97.4	98.2	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 780

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	28.2	45.3	45.9	46.3	46.5	46.5	46.6	46.6	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7
≥ 20000	32.7	53.9	54.5	54.9	55.1	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 18000	32.8	54.0	54.6	55.0	55.2	55.3	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5
≥ 16000	32.9	54.2	54.8	55.3	55.4	55.5	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7
≥ 14000	33.4	55.3	55.8	56.3	56.5	56.5	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 12000	34.0	57.2	57.8	58.2	58.4	58.5	58.5	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7
≥ 10000	35.7	60.5	61.2	61.6	61.8	61.9	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1
≥ 9000	36.1	61.2	61.9	62.4	62.5	62.6	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 8000	37.5	64.0	64.7	65.2	65.4	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 7000	37.9	65.1	65.9	66.4	66.6	66.6	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 6000	38.5	65.9	66.7	67.2	67.5	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 5000	39.2	68.0	68.9	69.4	69.7	69.7	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 4500	39.8	69.3	70.3	70.8	71.2	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 4000	40.5	71.2	72.1	72.8	73.2	73.4	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3500	41.2	73.0	74.0	74.7	75.2	75.3	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6
≥ 3000	41.9	75.7	77.0	77.7	78.3	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2500	42.5	78.2	79.6	80.4	81.1	81.2	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6
≥ 2000	43.8	81.6	83.3	84.3	85.1	85.3	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	44.2	82.4	84.2	85.2	86.1	86.3	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1500	44.7	84.2	86.2	87.3	88.6	88.8	89.2	89.3	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.5
≥ 1200	45.1	85.5	87.7	89.1	90.6	90.8	91.3	91.5	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.7
≥ 1000	45.3	86.7	89.1	90.5	92.3	92.5	93.1	93.3	93.3	93.4	93.5	93.5	93.6	93.6	93.6	93.6
≥ 900	45.4	87.4	90.0	91.6	93.4	93.6	94.2	94.5	94.5	94.7	94.8	94.8	94.9	94.9	94.9	94.9
≥ 800	45.5	87.7	90.5	92.1	94.0	94.2	95.0	95.2	95.3	95.5	95.6	95.6	95.7	95.7	95.7	95.7
≥ 700	45.5	88.1	91.0	92.7	94.8	95.0	95.8	96.1	96.2	96.5	96.5	96.6	96.7	96.7	96.7	96.7
≥ 600	45.5	88.4	91.5	93.2	95.4	95.7	96.5	97.0	97.1	97.4	97.6	97.6	97.7	97.7	97.7	97.7
≥ 500	45.5	88.6	91.9	93.6	96.1	96.3	97.3	97.8	97.9	98.2	98.4	98.4	98.5	98.5	98.5	98.5
≥ 400	45.5	88.7	92.0	93.8	96.3	96.6	97.7	98.2	98.4	98.8	98.9	99.0	99.1	99.1	99.1	99.2
≥ 300	45.5	88.7	92.0	93.8	96.4	96.7	97.8	98.5	98.7	99.1	99.2	99.3	99.4	99.4	99.4	99.6
≥ 200	45.5	88.7	92.0	93.8	96.4	96.8	97.9	98.6	98.7	99.2	99.3	99.4	99.5	99.5	99.6	99.9
≥ 100	45.5	88.7	92.0	93.8	96.4	96.8	97.9	98.6	98.7	99.2	99.3	99.4	99.5	99.5	99.6	100.0
≥ 0	45.5	88.7	92.0	93.8	96.4	96.8	97.9	98.6	98.7	99.2	99.3	99.4	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 4865

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	26.0	46.3	48.2	49.8	50.3	50.6	51.2	51.2	51.2	51.2	51.2	51.4	51.5	51.5	51.5	51.8
≥ 20000	28.6	52.8	55.7	57.4	58.3	58.6	59.5	59.7	59.7	59.7	59.7	59.8	59.9	59.9	59.9	60.2
≥ 18000	28.6	53.0	55.8	57.6	58.5	58.7	59.7	59.8	59.8	59.8	59.8	59.9	60.1	60.1	60.1	60.3
≥ 16000	28.6	53.1	56.0	57.7	58.6	58.9	59.8	59.9	59.9	59.9	59.9	60.1	60.2	60.2	60.2	60.4
≥ 14000	28.8	54.0	56.9	58.6	59.7	59.9	60.8	61.0	61.0	61.0	61.0	61.1	61.2	61.2	61.2	61.5
≥ 12000	29.6	55.7	58.7	60.4	61.5	61.8	62.7	62.8	62.8	62.8	62.8	62.9	63.1	63.1	63.1	63.3
≥ 10000	30.4	57.3	61.0	62.7	63.7	64.0	64.9	65.0	65.0	65.0	65.0	65.2	65.3	65.3	65.3	65.6
≥ 9000	30.6	58.1	61.8	63.5	64.7	64.9	65.8	66.0	66.0	66.0	66.0	66.1	66.2	66.2	66.2	66.5
≥ 8000	31.5	60.6	64.7	66.6	67.8	68.1	69.0	69.1	69.1	69.1	69.1	69.3	69.4	69.4	69.4	69.6
≥ 7000	31.9	61.5	65.7	67.7	68.9	69.1	70.0	70.2	70.2	70.2	70.2	70.3	70.4	70.4	70.4	70.7
≥ 6000	32.2	62.0	66.4	68.5	69.6	69.9	70.8	71.0	71.0	71.0	71.0	71.1	71.2	71.2	71.2	71.5
≥ 5000	32.9	63.1	68.3	70.6	71.7	72.0	72.9	73.1	73.1	73.1	73.1	73.2	73.3	73.3	73.3	73.6
≥ 4500	33.1	64.4	69.1	71.4	72.5	72.8	74.0	74.1	74.1	74.1	74.1	74.2	74.4	74.4	74.4	74.6
≥ 4000	33.1	65.4	70.2	72.4	73.6	73.9	75.0	75.2	75.2	75.2	75.2	75.3	75.4	75.4	75.4	75.7
≥ 3500	33.6	66.4	71.1	73.3	74.5	74.8	76.0	76.1	76.1	76.1	76.1	76.2	76.3	76.3	76.3	76.6
≥ 3000	33.9	67.5	72.7	75.0	76.2	76.5	77.7	77.8	77.9	77.9	77.9	78.1	78.2	78.2	78.2	78.4
≥ 2500	34.7	70.4	75.6	77.9	79.1	79.4	80.6	80.7	80.8	80.8	80.8	80.9	81.1	81.1	81.1	81.3
≥ 2000	34.8	71.6	77.0	79.4	80.6	80.8	82.0	82.1	82.3	82.3	82.3	82.4	82.5	82.5	82.5	82.8
≥ 1800	35.0	72.3	77.9	80.3	81.5	81.7	82.9	83.0	83.2	83.2	83.2	83.3	83.4	83.4	83.4	83.7
≥ 1500	35.5	74.5	80.3	82.7	83.8	84.1	85.3	85.4	85.5	85.5	85.5	85.7	85.8	85.8	85.8	86.1
≥ 1200	35.5	76.3	82.5	85.5	86.9	87.1	88.3	88.7	88.8	88.8	88.8	89.0	89.1	89.1	89.1	89.4
≥ 1000	35.5	77.0	83.3	87.1	88.8	89.2	90.5	91.1	91.2	91.2	91.2	91.3	91.5	91.5	91.5	91.7
≥ 900	35.5	77.1	83.6	87.5	89.4	89.8	91.1	91.6	91.7	91.7	91.7	91.9	92.0	92.0	92.0	92.2
≥ 800	35.5	77.7	84.2	88.4	90.7	91.2	92.8	93.3	93.4	93.4	93.4	93.6	93.7	93.7	93.7	94.0
≥ 700	35.5	77.9	84.5	88.7	90.9	91.5	93.0	93.6	93.7	93.7	93.7	93.8	94.0	94.0	94.0	94.2
≥ 600	35.5	77.9	84.6	88.8	91.3	91.9	94.0	94.6	94.7	94.7	94.7	94.9	95.0	95.0	95.0	95.3
≥ 500	35.5	78.1	84.8	89.0	91.6	92.1	94.5	95.3	95.4	95.5	95.5	95.7	95.9	95.9	95.9	96.3
≥ 400	35.5	78.1	84.8	89.0	91.6	92.1	94.9	96.1	96.5	96.8	96.8	97.0	97.4	97.5	97.6	98.3
≥ 300	35.5	78.1	84.8	89.1	91.7	92.2	95.0	96.3	96.8	97.5	97.6	97.9	98.4	98.6	98.7	99.5
≥ 200	35.5	78.1	84.8	89.1	91.7	92.2	95.0	96.3	96.8	97.5	97.6	98.0	98.6	98.7	98.8	99.6
≥ 100	35.5	78.1	84.8	89.1	91.7	92.2	95.0	96.3	96.8	97.5	97.6	98.0	98.6	98.7	98.9	99.9
0	35.5	78.1	84.8	89.1	91.7	92.2	95.0	96.3	96.8	97.5	97.6	98.0	98.6	98.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 741

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) APR (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	34.3	54.9	56.0	56.4	56.5	56.5	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000	38.4	63.4	64.7	65.1	65.2	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 18000	38.5	64.1	65.3	65.7	65.8	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 16000	38.5	64.4	65.7	66.0	66.2	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 14000	38.8	65.2	66.4	66.8	66.9	66.9	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 12000	39.4	66.5	67.8	68.2	68.3	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 10000	40.3	68.3	69.6	70.0	70.1	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 9000	40.4	68.4	69.8	70.1	70.3	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 8000	41.3	70.8	72.5	72.9	73.0	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 7000	41.4	71.9	73.6	74.0	74.1	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 6000	41.9	73.0	74.7	75.1	75.2	75.2	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 5000	42.4	74.6	76.3	76.7	76.8	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 4500	42.4	75.2	77.2	77.6	77.7	77.7	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4000	42.5	76.1	78.1	78.4	78.6	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3500	43.1	77.7	79.7	80.0	80.2	80.2	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 3000	44.6	81.0	83.1	83.5	83.6	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2500	45.5	84.0	86.1	86.5	86.7	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2000	46.3	86.2	88.5	89.0	89.2	89.2	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	46.6	86.9	89.1	89.6	90.0	90.0	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1500	47.0	89.0	91.4	91.9	92.3	92.3	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1200	47.2	90.2	92.7	93.9	94.5	94.7	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	47.3	90.7	93.3	94.7	95.4	95.7	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.7	96.7
≥ 900	47.3	90.7	93.4	94.8	95.9	96.2	96.7	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.1	97.1
≥ 800	47.3	91.1	93.9	95.5	96.9	97.1	97.6	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.3	98.3
≥ 700	47.6	91.4	94.3	95.9	97.3	97.5	98.0	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.6	98.6
≥ 600	47.6	91.6	94.5	96.4	97.9	98.1	98.6	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.3	99.3
≥ 500	47.7	91.7	94.7	96.5	98.1	98.4	99.0	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.8	99.8
≥ 400	47.7	91.7	94.7	96.5	98.1	98.4	99.0	99.4	99.4	99.4	99.6	99.6	99.9	99.9	100.0	100.0
≥ 300	47.7	91.7	94.7	96.5	98.1	98.4	99.0	99.4	99.4	99.4	99.6	99.6	99.9	99.9	100.0	100.0
≥ 200	47.7	91.7	94.7	96.5	98.1	98.4	99.0	99.4	99.4	99.4	99.6	99.6	99.9	99.9	100.0	100.0
≥ 100	47.7	91.7	94.7	96.5	98.1	98.4	99.0	99.4	99.4	99.4	99.6	99.6	99.9	99.9	100.0	100.0
≥ 0	47.7	91.7	94.7	96.5	98.1	98.4	99.0	99.4	99.4	99.4	99.6	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 807

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.3	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 20000	44.5	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 18000	44.6	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 16000	44.6	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 14000	45.1	66.7	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	66.9
≥ 12000	46.0	68.6	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	68.9
≥ 10000	47.2	71.6	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	72.0
≥ 9000	47.2	71.6	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	72.0
≥ 8000	47.8	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 7000	48.1	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 6000	49.0	76.7	77.3	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
≥ 5000	49.6	78.5	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4500	50.0	79.3	80.1	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 4000	50.1	80.2	81.2	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
≥ 3500	51.7	84.6	85.7	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3000	53.1	87.5	88.6	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2500	54.3	89.1	90.5	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2000	54.6	91.0	92.5	93.1	93.5	93.5	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1800	54.8	91.2	93.0	93.6	94.0	94.0	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	55.3	92.3	94.1	95.1	95.4	95.6	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1200	55.4	93.5	95.2	96.8	97.3	97.3	97.5	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	55.4	93.8	95.7	97.2	97.8	97.9	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	55.4	93.8	95.7	97.3	98.3	98.3	98.5	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	55.4	93.8	95.8	97.4	98.4	98.5	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	55.6	94.0	96.0	97.7	98.6	98.8	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	55.6	94.1	96.4	98.1	99.1	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	55.6	94.1	96.4	98.1	99.1	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	55.6	94.1	96.4	98.1	99.1	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	55.6	94.1	96.4	98.1	99.1	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	55.6	94.1	96.4	98.1	99.1	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	55.6	94.1	96.4	98.1	99.1	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	55.6	94.1	96.4	98.1	99.1	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	≥¼	≥5/16	≥0	
NO CEILING	43.1	56.4	56.6	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 20000	49.3	68.0	68.2	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
≥ 18000	49.9	69.5	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 16000	49.9	69.6	69.8	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 14000	50.1	70.1	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 12000	50.6	71.3	71.6	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 10000	52.5	76.0	76.3	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 9000	53.2	77.0	77.3	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 8000	53.6	79.7	80.1	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 7000	53.8	80.1	80.8	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
≥ 6000	54.4	81.6	82.4	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 5000	54.8	82.7	83.6	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4500	55.6	83.7	84.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 4000	56.9	86.5	87.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3500	57.4	88.6	89.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3000	58.1	90.5	91.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2500	58.7	91.6	92.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2000	59.6	94.2	95.3	96.5	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	59.6	94.3	95.4	96.7	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1500	59.7	94.4	95.6	96.9	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	60.4	95.6	96.7	98.0	98.5	98.5	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	60.4	95.8	97.0	98.4	98.9	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	60.4	95.9	97.2	98.5	99.0	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	60.4	96.0	97.3	98.6	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	60.4	96.2	97.4	98.8	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	60.4	96.2	97.5	98.9	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	60.4	96.2	97.5	98.9	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	60.4	96.2	97.5	98.9	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	60.4	96.2	97.5	98.9	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	60.4	96.2	97.5	98.9	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	60.4	96.2	97.5	98.9	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	60.4	96.2	97.5	98.9	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 809

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	44.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 20000	48.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 18000	48.4	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	70.4	70.4
≥ 16000	48.4	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	70.4	70.4
≥ 14000	49.2	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 12000	49.7	73.1	73.1	73.1	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	52.2	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	78.1
≥ 9000	52.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 8000	53.0	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 7000	53.1	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 6000	53.9	82.7	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 5000	54.5	84.1	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	84.8
≥ 4500	55.5	85.7	86.0	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4000	56.3	88.4	88.6	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3500	56.8	90.1	90.4	90.9	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	57.4	91.8	92.0	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2500	57.6	93.0	93.9	94.6	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2000	57.8	94.1	95.1	95.7	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800	58.0	94.3	95.3	96.0	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500	58.3	95.2	96.6	97.3	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	58.4	95.8	97.2	98.0	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	58.4	96.1	97.5	98.4	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	58.4	96.1	97.6	98.5	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	58.4	96.2	97.7	98.6	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	58.4	96.3	97.9	98.7	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	58.4	96.6	98.1	99.0	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	58.4	96.7	98.2	99.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	58.4	96.7	98.2	99.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	58.4	96.7	98.2	99.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	58.4	96.7	98.2	99.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	58.4	96.7	98.2	99.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	58.4	96.7	98.2	99.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 791

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2 7/8	≥2	≥1 1/2	≥1 1/4	≥1	≥7/8	≥5/8	≥1/2	≥5/16	≥0	≥0
NO CEILING	48.4	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 20000	51.0	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 18000	51.1	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 16000	51.0	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 14000	51.1	72.3	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	51.6	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 10000	52.3	75.6	76.1	76.1	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	52.5	75.9	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 8000	53.2	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 7000	53.5	80.3	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	80.8
≥ 6000	54.4	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 5000	55.5	84.7	85.1	85.1	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4500	56.7	86.5	86.9	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4000	57.0	87.5	88.0	88.0	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3500	57.0	88.1	88.6	88.6	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3000	57.1	88.9	89.3	89.3	89.5	89.5	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2500	57.3	91.0	91.6	91.6	91.7	91.7	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000	57.6	93.2	93.8	93.8	94.0	94.0	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800	57.6	93.4	94.0	94.0	94.1	94.1	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1500	57.9	94.0	95.2	95.5	95.6	95.6	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	58.2	94.7	95.9	96.2	96.4	96.4	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	58.2	95.8	97.0	97.3	97.4	97.4	97.6	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	58.2	96.1	97.6	97.9	98.0	98.0	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	58.2	96.1	97.6	97.9	98.0	98.0	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	58.2	96.4	97.9	98.3	98.5	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	58.2	96.5	98.0	98.6	99.1	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	58.2	96.5	98.0	98.8	99.4	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	58.2	96.5	98.0	98.8	99.4	99.4	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	58.2	96.5	98.0	98.8	99.4	99.4	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	58.2	96.5	98.0	98.8	99.4	99.4	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	58.2	96.5	98.0	98.8	99.4	99.4	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	58.2	96.5	98.0	98.8	99.4	99.4	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 665

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

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) APR (MONTH)

ALL (HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.8	56.6	57.3	57.7	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1
≥ 20000	42.9	64.8	65.6	66.1	66.3	66.3	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 18000	43.1	65.4	66.2	66.7	66.9	66.9	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 16000	43.1	65.5	66.3	66.8	67.0	67.0	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 14000	43.4	66.2	67.1	67.5	67.7	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1
≥ 12000	44.1	67.6	68.5	69.0	69.2	69.2	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 10000	45.4	70.8	71.8	72.4	72.6	72.6	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 9000	45.6	71.2	72.2	72.8	73.0	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4
≥ 8000	46.4	73.9	75.1	75.7	75.9	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3
≥ 7000	46.6	74.6	76.0	76.6	76.8	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2
≥ 6000	47.3	75.9	77.3	78.0	78.2	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6
≥ 5000	47.9	77.6	79.1	79.8	80.1	80.2	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5
≥ 4500	48.5	78.7	80.2	81.0	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7
≥ 4000	48.5	80.3	81.8	82.6	83.0	83.0	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4
≥ 3500	49.6	82.2	83.9	84.6	85.0	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5
≥ 3000	50.4	84.2	86.0	86.9	87.2	87.3	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8
≥ 2500	51.0	86.3	88.2	89.1	89.5	89.6	89.9	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1
≥ 2000	51.5	88.2	90.2	91.2	91.7	91.8	92.1	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3
≥ 1800	51.6	88.5	90.7	91.7	92.1	92.2	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8
≥ 1500	52.0	89.7	92.0	93.2	93.7	93.8	94.2	94.2	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4
≥ 1200	52.2	90.8	93.2	94.7	95.3	95.4	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	52.2	91.3	93.8	95.4	96.1	96.3	96.8	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1
≥ 900	52.2	91.4	94.0	95.7	96.5	96.7	97.2	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5
≥ 800	52.2	91.6	94.2	96.0	97.0	97.2	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.1
≥ 700	52.3	91.8	94.5	96.3	97.2	97.4	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4
≥ 600	52.3	91.9	94.7	96.6	97.6	97.9	98.5	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	99.0
≥ 500	52.3	92.0	94.8	96.7	97.8	98.0	98.7	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.3
≥ 400	52.3	92.0	94.8	96.7	97.8	98.0	98.8	99.1	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.7
≥ 300	52.3	92.0	94.8	96.7	97.8	98.0	98.8	99.2	99.3	99.4	99.5	99.6	99.7	99.7	99.8	99.9
≥ 200	52.3	92.0	94.8	96.7	97.8	98.0	98.8	99.2	99.3	99.4	99.5	99.6	99.7	99.7	99.8	99.9
≥ 100	52.3	92.0	94.8	96.7	97.8	98.0	98.8	99.2	99.3	99.4	99.5	99.6	99.7	99.7	99.8	100.0
≥ 0	52.3	92.0	94.8	96.7	97.8	98.0	98.8	99.2	99.3	99.4	99.5	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 8689

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-74,76,78-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOUR LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	9.5	26.6	30.4	34.2	38.0	39.9	44.9	44.9	45.6	46.2	46.2	46.2	46.8	46.8	46.8	47.5
≥ 20000	10.8	32.3	37.3	42.4	47.5	49.4	55.1	55.1	55.7	56.3	56.3	56.3	57.0	57.0	57.0	57.6
≥ 18000	10.8	32.3	37.3	43.0	48.1	50.0	55.7	55.7	56.3	57.0	57.0	57.0	57.6	57.6	57.6	58.2
≥ 16000	10.8	32.3	37.3	43.0	48.1	50.0	55.7	55.7	56.3	57.0	57.0	57.0	57.6	57.6	57.6	58.2
≥ 14000	10.8	32.9	38.0	43.7	48.7	50.6	56.3	56.3	57.0	57.6	57.6	57.6	58.2	58.2	58.2	58.9
≥ 12000	10.8	32.9	38.0	43.7	48.7	50.6	56.3	56.3	57.0	57.6	57.6	57.6	58.2	58.2	58.2	58.9
≥ 10000	10.8	34.2	39.9	45.6	50.6	52.5	58.2	58.2	58.9	59.5	59.5	59.5	60.1	60.1	60.1	60.8
≥ 9000	11.4	34.8	40.5	46.2	51.3	53.2	58.9	58.9	59.5	60.1	60.1	60.1	60.8	60.8	60.8	61.4
≥ 8000	11.4	36.7	43.0	50.0	57.0	58.9	64.6	65.2	65.8	67.1	67.1	67.1	67.7	67.7	67.7	68.4
≥ 7000	12.0	38.0	44.3	51.3	58.2	60.1	65.8	66.5	67.1	68.4	68.4	68.4	69.0	69.0	69.0	69.6
≥ 6000	13.3	39.9	46.2	53.2	60.1	62.0	67.7	68.4	69.0	70.3	70.3	70.3	70.9	70.9	70.9	71.5
≥ 5000	13.9	43.7	51.3	58.2	65.2	67.1	72.8	73.4	74.1	75.3	75.3	75.3	75.9	75.9	75.9	76.6
≥ 4500	13.9	45.6	53.8	60.8	67.7	69.6	75.3	75.9	76.6	77.8	77.8	77.8	78.5	78.5	78.5	79.1
≥ 4000	13.9	45.6	53.8	60.8	67.7	69.6	75.3	76.6	77.2	78.5	78.5	78.5	79.1	79.1	79.1	79.7
≥ 3500	13.9	46.2	54.4	61.4	68.4	70.3	75.9	77.2	77.8	79.1	79.1	79.1	79.7	79.7	79.7	80.4
≥ 3000	13.9	46.2	54.4	61.4	68.4	70.3	75.9	77.2	78.5	79.7	79.7	79.7	80.4	80.4	80.4	81.0
≥ 2500	13.9	46.8	55.1	62.0	69.0	70.9	76.6	77.8	79.1	80.4	80.4	80.4	81.0	81.0	81.0	81.6
≥ 2000	14.6	48.1	56.3	63.3	70.3	72.2	77.8	79.1	80.4	81.6	81.6	81.6	82.3	82.3	82.3	82.9
≥ 1800	14.6	49.4	57.6	64.6	71.5	73.4	79.1	80.4	81.6	82.9	82.9	82.9	83.5	83.5	83.5	84.2
≥ 1500	14.6	51.3	61.4	69.0	76.6	78.5	84.2	85.4	86.7	88.0	88.0	88.0	88.6	88.6	88.6	89.2
≥ 1200	14.6	53.8	63.9	71.5	79.1	81.0	86.7	88.0	89.2	90.5	90.5	90.5	91.1	91.1	91.1	91.8
≥ 1000	14.6	54.4	64.6	72.2	79.7	81.6	87.3	88.6	89.9	91.1	91.1	91.1	91.8	91.8	91.8	92.4
≥ 900	14.6	54.4	64.6	72.8	80.4	82.3	88.0	89.2	90.5	91.8	91.8	91.8	92.4	92.4	92.4	93.0
≥ 800	15.2	55.1	65.2	73.4	81.0	82.9	88.6	90.5	91.8	93.0	93.0	93.0	93.7	93.7	93.7	94.3
≥ 700	15.2	55.1	65.2	73.4	81.0	82.9	88.6	90.5	91.8	93.0	93.0	93.0	93.7	93.7	93.7	94.3
≥ 600	15.2	55.1	65.2	73.4	81.0	82.9	89.2	91.1	92.4	94.3	94.3	94.3	94.9	94.9	94.9	95.6
≥ 500	15.2	55.1	65.2	73.4	81.0	82.9	89.2	91.1	92.4	94.3	94.3	94.3	94.9	94.9	94.9	95.6
≥ 400	15.2	55.1	65.2	74.1	81.6	83.5	89.9	93.0	94.9	96.8	96.8	96.8	97.5	97.5	97.5	98.1
≥ 300	15.2	55.1	65.2	74.1	81.6	83.5	89.9	93.0	94.9	96.8	97.5	97.5	98.1	98.1	98.1	98.7
≥ 200	15.2	55.1	65.2	74.1	81.6	83.5	89.9	93.0	94.9	96.8	97.5	97.5	98.7	98.7	98.7	100.0
≥ 100	15.2	55.1	65.2	74.1	81.6	83.5	89.9	93.0	94.9	96.8	97.5	97.5	98.7	98.7	98.7	100.0
≥ 0	15.2	55.1	65.2	74.1	81.6	83.5	89.9	93.0	94.9	96.8	97.5	97.5	98.7	98.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 158

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	10.1	33.0	38.7	44.0	47.4	48.8	49.6	50.0	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.8
≥ 20000	11.5	39.0	45.1	51.3	55.2	56.6	57.6	57.9	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.8
≥ 18000	11.5	39.4	45.6	51.8	55.6	57.1	58.0	58.4	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.2
≥ 16000	11.5	39.4	45.6	51.8	55.6	57.1	58.0	58.4	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.2
≥ 14000	11.6	40.0	46.2	52.4	56.2	57.7	58.6	59.0	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.8
≥ 12000	11.9	40.8	47.0	53.4	57.4	58.9	60.0	60.3	60.7	60.7	60.9	60.9	60.9	60.9	60.9	61.2
≥ 10000	12.1	43.0	49.6	56.1	60.3	61.8	62.8	63.2	63.5	63.5	63.8	63.8	63.8	63.8	63.8	64.0
≥ 9000	12.4	43.5	50.6	57.1	61.3	62.7	63.8	64.1	64.5	64.5	64.7	64.7	64.7	64.7	64.7	65.0
≥ 8000	12.5	46.3	54.0	61.5	65.8	67.3	68.6	68.9	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.8
≥ 7000	12.9	47.7	55.5	63.1	67.5	68.9	70.3	70.7	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.6
≥ 6000	13.3	48.4	56.2	63.9	68.5	69.9	71.2	71.7	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.5
≥ 5000	13.3	50.1	58.2	66.1	70.9	72.3	73.6	74.1	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.9
≥ 4500	13.3	51.0	59.2	67.3	72.3	73.9	75.2	75.7	76.0	76.0	76.3	76.3	76.3	76.3	76.3	76.5
≥ 4000	13.3	51.3	59.7	67.9	72.9	74.6	75.9	76.4	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.2
≥ 3500	13.3	51.9	60.3	68.6	73.6	75.4	76.7	77.2	77.7	77.7	77.9	77.9	77.9	77.9	77.9	78.2
≥ 3000	13.3	53.0	61.4	69.8	74.9	76.9	78.2	78.7	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.6
≥ 2500	13.4	53.6	62.1	71.1	76.3	78.2	79.5	80.0	80.5	80.5	80.7	80.7	80.7	80.7	80.7	80.9
≥ 2000	14.3	55.6	64.1	73.1	78.4	80.3	81.7	82.1	82.6	82.6	82.9	82.9	82.9	82.9	82.9	83.1
≥ 1800	14.5	56.2	64.9	74.0	79.4	81.4	82.7	83.2	83.7	83.7	83.9	83.9	83.9	83.9	83.9	84.2
≥ 1500	14.6	57.1	66.5	75.7	81.2	83.3	84.7	85.3	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.2
≥ 1200	15.0	58.9	68.6	77.8	83.3	85.5	86.8	87.4	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.4
≥ 1000	15.1	60.0	70.0	79.5	85.1	87.3	88.7	89.3	89.8	89.9	90.2	90.2	90.2	90.2	90.2	90.4
≥ 900	15.2	60.4	70.6	80.3	86.2	88.4	89.8	90.4	91.1	91.4	91.6	91.6	91.6	91.6	91.6	91.8
≥ 800	15.2	60.8	71.6	81.3	87.4	89.7	91.4	92.1	92.8	93.0	93.3	93.3	93.3	93.3	93.3	93.5
≥ 700	15.2	61.0	71.9	81.8	88.1	90.4	92.4	93.2	93.9	94.2	94.5	94.5	94.5	94.5	94.5	94.7
≥ 600	15.2	61.2	72.1	82.0	88.6	91.0	93.2	94.0	94.8	95.3	95.6	95.6	95.6	95.6	95.6	95.8
≥ 500	15.2	61.3	72.4	82.4	89.1	91.5	93.8	94.7	95.7	96.2	96.4	96.4	96.4	96.4	96.4	96.6
≥ 400	15.2	61.4	72.5	82.5	89.4	91.8	94.5	95.7	96.6	97.1	97.4	97.4	97.4	97.4	97.4	97.7
≥ 300	15.2	61.4	72.5	82.5	89.4	91.8	94.6	95.8	96.8	97.6	98.3	98.3	98.4	98.6	98.8	99.2
≥ 200	15.2	61.4	72.5	82.5	89.4	91.8	94.6	95.8	96.8	97.6	98.8	98.9	99.0	99.2	99.4	99.8
≥ 100	15.2	61.4	72.5	82.5	89.4	91.8	94.6	95.8	96.8	97.6	98.8	98.9	99.0	99.2	99.5	100.0
≥ 0	15.2	61.4	72.5	82.5	89.4	91.8	94.6	95.8	96.8	97.6	98.8	98.9	99.0	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 434

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) MAY (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 7/8	≥2	≥1 1/2	≥1 1/4	≥1	≥7/8	≥3/4	≥5/8	≥5/16	≥1/4	≥0
NO CEILING	19.3	50.7	52.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 20000	21.5	57.1	59.8	61.2	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	21.6	57.3	59.9	61.3	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	21.6	57.3	59.9	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 14000	21.6	57.4	60.0	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 12000	21.6	58.5	61.2	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 10000	22.8	62.2	64.8	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 9000	23.3	63.7	66.5	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 8000	24.4	66.7	69.5	71.5	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 7000	25.1	69.0	71.8	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
≥ 6000	25.3	70.2	73.1	75.6	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 5000	25.3	71.7	74.7	77.2	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4500	25.3	72.3	75.3	78.0	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 4000	25.5	73.2	76.2	79.1	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3500	25.7	74.9	77.8	80.8	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 3000	25.9	77.3	80.6	83.6	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2500	26.7	78.9	82.2	85.5	86.4	86.4	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2000	27.4	81.6	85.4	88.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1800	27.4	82.2	85.6	89.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1500	28.1	85.0	88.6	92.2	93.2	93.3	93.3	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200	28.7	87.2	91.1	95.0	96.2	96.3	96.3	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1000	28.8	87.8	91.8	95.7	97.4	97.5	97.6	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	28.8	88.1	92.4	96.3	98.2	98.3	98.4	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	28.8	88.1	92.4	96.3	98.2	98.3	98.4	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	28.8	88.1	92.4	96.3	98.2	98.3	98.4	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	28.8	88.1	92.4	96.3	98.3	98.4	98.7	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	28.8	88.1	92.4	96.3	98.4	98.6	98.8	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	28.8	88.1	92.4	96.3	98.5	98.6	98.8	99.3	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	28.8	88.1	92.4	96.3	98.4	98.6	98.8	99.3	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	28.8	88.1	92.4	96.3	98.5	98.6	98.8	99.3	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	28.8	88.1	92.4	96.3	98.4	98.6	98.8	99.3	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	28.8	88.1	92.4	96.3	98.5	98.6	98.8	99.3	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 833

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	25.1	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000	28.6	64.2	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 18000	28.6	64.4	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 16000	29.0	64.8	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
≥ 14000	29.0	64.8	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
≥ 12000	29.7	66.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.1	67.1	67.1
≥ 10000	30.9	70.2	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8
≥ 9000	31.4	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6
≥ 8000	32.3	74.6	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.4	75.4	75.4	75.4
≥ 7000	32.8	75.6	76.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0
≥ 6000	33.2	77.0	77.9	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5
≥ 5000	33.9	80.0	81.0	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.9	81.9	81.9	81.9
≥ 4500	34.3	81.1	82.1	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9
≥ 4000	34.5	83.9	85.0	85.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2
≥ 3500	35.5	87.4	88.6	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0
≥ 3000	37.0	90.1	91.9	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
≥ 2500	37.4	91.3	93.6	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8
≥ 2000	38.2	92.8	95.3	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.8
≥ 1800	38.2	92.9	95.4	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	[illegible]
≥ 1500	38.5	93.9	96.5	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0
≥ 1200	38.6	94.2	97.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9
≥ 1000	38.6	94.4	97.2	98.2	98.9	98.9	98.9	98.9	99.0	99.0	99.2	99.2	99.3	99.3	99.3	99.3
≥ 900	38.6	94.4	97.2	98.2	98.9	98.9	98.9	98.9	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4
≥ 800	38.6	94.4	97.2	98.2	98.9	98.9	98.9	98.9	99.0	99.2	99.3	99.3	99.5	99.5	99.5	99.5
≥ 700	38.6	94.4	97.2	98.2	98.9	98.9	98.9	98.9	99.0	99.2	99.3	99.3	99.5	99.5	99.5	99.5
≥ 600	38.6	94.4	97.2	98.2	98.9	98.9	98.9	98.9	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 500	38.6	94.4	97.2	98.2	98.9	98.9	98.9	98.9	99.0	99.3	99.4	99.4	99.8	99.8	99.8	99.8
≥ 400	38.6	94.4	97.2	98.2	98.9	98.9	98.9	99.0	99.2	99.4	99.5	99.5	99.9	99.9	99.9	99.9
≥ 300	38.6	94.4	97.2	98.2	98.9	98.9	98.9	99.0	99.2	99.4	99.5	99.5	99.9	99.9	99.9	99.9
≥ 200	38.6	94.4	97.2	98.2	98.9	98.9	98.9	99.0	99.2	99.4	99.5	99.5	100.0	100.0	100.0	100.0
≥ 100	38.6	94.4	97.2	98.2	98.9	98.9	98.9	99.0	99.2	99.4	99.5	99.5	100.0	100.0	100.0	100.0
≥ 0	38.6	94.4	97.2	98.2	98.9	98.9	98.9	99.0	99.2	99.4	99.5	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 832

USAF ETAC FORM AM 64 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1500-1700~~ (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	28.2	53.7	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000	33.2	67.5	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 18000	33.2	67.5	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 16000	33.2	67.5	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 14000	33.7	68.2	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 12000	34.1	70.5	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	71.1
≥ 10000	35.1	75.1	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	76.0
≥ 9000	35.4	75.9	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 8000	36.1	79.6	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 7000	36.8	81.4	82.1	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 6000	37.1	82.0	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 5000	37.5	84.5	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4500	37.5	85.7	87.4	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 4000	38.4	88.2	90.3	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
≥ 3500	39.0	90.9	93.4	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3000	39.4	92.2	94.8	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500	40.3	93.5	96.2	96.5	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	40.8	94.8	97.5	98.0	98.1	98.2	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	40.9	95.0	97.6	98.1	98.2	98.3	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	41.0	95.2	97.8	98.3	98.4	98.8	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	41.0	95.2	97.8	98.3	98.4	98.8	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	41.0	95.2	98.1	98.6	98.8	99.0	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	41.0	95.2	98.1	98.6	98.8	99.0	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	41.0	95.2	98.1	98.6	98.8	99.0	99.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	41.0	95.2	98.1	98.6	98.8	99.0	99.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	41.0	95.2	98.1	98.6	98.8	99.0	99.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	41.0	95.2	98.1	98.6	98.8	99.0	99.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	41.0	95.2	98.1	98.6	98.8	99.0	99.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	41.0	95.2	98.1	98.6	98.8	99.0	99.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	41.0	95.2	98.1	98.6	98.8	99.0	99.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	41.0	95.2	98.1	98.6	98.8	99.0	99.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	41.0	95.2	98.1	98.6	98.8	99.0	99.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 830

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥0	≥0
NO CEILING	28.1	56.3	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 20000	32.1	68.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 18000	32.4	68.9	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	70.0
≥ 16000	32.6	69.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 14000	33.5	70.4	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	71.4
≥ 12000	34.5	72.9	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
≥ 10000	35.8	78.0	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	79.5
≥ 9000	36.1	78.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 8000	37.7	83.4	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	85.1
≥ 7000	37.7	84.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 6000	37.9	84.7	86.3	86.3	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	38.4	87.2	88.9	89.2	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	38.4	88.1	89.8	90.0	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 4000	38.6	90.0	91.7	92.1	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3500	38.9	91.1	93.0	93.3	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3000	39.4	92.8	94.8	95.3	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2500	39.9	93.7	95.6	96.1	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	40.0	94.3	96.2	96.7	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	40.1	94.8	96.7	97.2	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	40.1	95.3	97.4	97.9	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	40.1	95.3	97.6	98.1	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	40.1	95.4	97.8	98.3	99.0	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	40.2	95.5	97.9	98.4	99.1	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	40.2	95.6	98.1	98.5	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	40.3	95.7	98.2	98.7	99.4	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	40.3	95.7	98.2	98.7	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	40.3	95.7	98.2	98.7	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	40.3	95.7	98.2	98.7	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	40.3	95.7	98.2	98.7	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	40.3	95.7	98.2	98.7	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	40.3	95.7	98.2	98.7	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	40.3	95.7	98.2	98.7	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 823

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS L.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	30.5	64.7	65.4	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 20000	34.6	73.7	74.4	74.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 18000	34.7	74.6	75.3	75.7	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	34.7	74.6	75.3	75.7	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	34.7	75.9	76.6	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	35.5	76.8	77.5	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000	36.0	80.6	81.5	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 9000	36.0	80.6	81.5	81.9	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	36.6	84.1	85.2	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 7000	37.1	84.8	85.9	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 6000	37.5	85.7	86.8	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 5000	38.0	87.9	89.2	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4500	38.0	89.2	90.7	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4000	38.2	90.3	91.8	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3500	38.4	91.2	92.7	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3000	38.4	92.5	94.0	94.3	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500	38.9	93.4	94.9	95.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2000	39.1	94.5	96.2	96.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	39.1	94.9	96.5	96.9	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	39.1	95.4	97.0	98.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	39.1	95.4	97.0	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	39.1	95.6	97.2	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	39.1	95.8	98.0	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	39.1	95.8	98.0	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	40.0	96.2	98.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	40.0	96.2	98.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	40.0	96.2	98.4	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	40.0	96.2	98.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	40.0	96.2	98.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	40.0	96.2	98.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	40.0	96.2	98.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	40.0	96.2	98.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 587

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	22.7	50.5	52.4	53.6	54.3	54.6	54.9	55.0	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2
≥ 20000	25.9	60.0	62.1	63.6	64.5	64.8	65.2	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4
≥ 18000	26.0	60.3	62.4	64.0	64.9	65.2	65.5	65.6	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8
≥ 16000	26.1	60.4	62.5	64.1	65.0	65.3	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.9
≥ 14000	26.4	61.0	63.1	64.7	65.6	65.9	66.2	66.3	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5
≥ 12000	26.8	62.6	64.7	66.3	67.2	67.5	67.9	68.0	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2
≥ 10000	27.7	66.3	68.7	70.3	71.2	71.6	71.9	72.0	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2
≥ 9000	28.1	67.2	69.7	71.3	72.2	72.5	72.9	73.0	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2
≥ 8000	28.9	70.6	73.2	75.2	76.3	76.6	77.0	77.1	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.3
≥ 7000	29.4	72.0	74.7	76.8	77.9	78.2	78.6	78.7	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0
≥ 6000	29.7	72.9	75.7	77.8	79.0	79.3	79.7	79.8	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0
≥ 5000	30.1	75.3	78.3	80.5	81.8	82.1	82.5	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.9
≥ 4500	30.1	76.2	79.3	81.6	82.9	83.3	83.7	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.1
≥ 4000	30.4	77.8	81.0	83.4	84.8	85.1	85.5	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	86.0
≥ 3500	30.8	79.4	82.9	85.3	86.7	87.1	87.5	87.6	87.7	87.8	87.8	87.8	87.9	87.9	87.9	87.9
≥ 3000	31.2	81.2	84.7	87.2	88.7	89.1	89.5	89.7	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0
≥ 2500	31.7	82.3	85.9	88.6	90.1	90.5	90.9	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.4
≥ 2000	32.4	83.9	87.6	90.3	91.9	92.3	92.7	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.3
≥ 1800	32.4	84.3	88.0	90.8	92.4	92.8	93.2	93.4	93.5	93.6	93.6	93.6	93.7	93.7	93.7	93.8
≥ 1500	32.6	85.3	89.4	92.2	93.9	94.4	94.8	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.4
≥ 1200	32.8	86.1	90.4	93.3	95.0	95.5	96.0	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.6
≥ 1000	32.9	86.5	90.9	93.8	95.7	96.2	96.7	97.0	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4
≥ 900	32.9	86.7	91.1	94.1	96.1	96.6	97.1	97.4	97.7	97.8	97.9	97.9	97.9	97.9	97.9	98.0
≥ 800	32.9	86.8	91.3	94.3	96.4	96.9	97.4	97.8	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.4
≥ 700	33.0	86.9	91.5	94.5	96.5	97.1	97.7	98.0	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6
≥ 600	33.0	86.9	91.5	94.5	96.7	97.2	97.9	98.3	98.5	98.8	98.8	98.8	98.9	98.9	98.9	99.0
≥ 500	33.0	86.9	91.6	94.6	96.8	97.3	98.0	98.4	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.2
≥ 400	33.0	86.9	91.6	94.6	96.9	97.4	98.1	98.7	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.5
≥ 300	33.0	86.9	91.6	94.6	96.9	97.4	98.2	98.7	99.0	99.3	99.5	99.5	99.6	99.7	99.7	99.8
≥ 200	33.0	86.9	91.6	94.6	96.9	97.4	98.2	98.7	99.0	99.3	99.6	99.6	99.8	99.8	99.9	100.0
≥ 100	33.0	86.9	91.6	94.6	96.9	97.4	98.2	98.7	99.0	99.3	99.6	99.6	99.8	99.8	99.9	100.0
≥ 0	33.0	86.9	91.6	94.6	96.9	97.4	98.2	98.7	99.0	99.3	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 4865

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73,75-76,78-81 (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	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	6.0	29.8	39.7	45.7	50.3	57.0	60.3	60.9	62.3	62.9	63.6	63.6	63.6	63.6	63.6	63.6
≥ 20000	6.6	33.8	45.0	52.3	57.0	64.2	67.5	68.2	69.5	70.2	70.9	70.9	70.9	70.9	70.9	70.9
≥ 18000	6.6	33.8	45.0	52.3	57.0	64.2	67.5	68.2	69.5	70.2	70.9	70.9	70.9	70.9	70.9	70.9
≥ 16000	6.6	33.8	45.0	52.3	57.0	64.2	67.5	68.2	69.5	70.2	70.9	70.9	70.9	70.9	70.9	70.9
≥ 14000	6.6	34.4	45.7	53.0	57.6	64.9	68.2	68.9	70.2	70.9	71.5	71.5	71.5	71.5	71.5	71.5
≥ 12000	7.3	36.4	47.7	55.0	59.6	66.9	70.2	70.9	72.2	72.8	73.5	73.5	73.5	73.5	73.5	73.5
≥ 10000	8.6	38.4	49.7	57.0	63.6	71.5	74.8	75.5	76.8	77.5	78.1	78.1	78.1	78.1	78.1	78.1
≥ 9000	8.6	38.4	49.7	57.0	63.6	71.5	74.8	75.5	76.8	77.5	78.1	78.1	78.1	78.1	78.1	78.1
≥ 8000	8.6	39.1	51.0	58.9	65.6	73.5	76.8	77.5	78.8	79.5	80.1	80.1	80.1	80.1	80.1	80.1
≥ 7000	8.6	39.1	51.0	58.9	65.6	73.5	76.8	77.5	78.8	79.5	80.1	80.1	80.1	80.1	80.1	80.1
≥ 6000	8.6	39.7	52.3	60.3	66.9	74.8	78.1	78.8	80.1	80.8	81.5	81.5	81.5	81.5	81.5	81.5
≥ 5000	8.6	41.7	54.3	62.9	69.5	77.5	80.8	81.5	82.8	83.4	84.1	84.1	84.1	84.1	84.1	84.1
≥ 4500	9.3	43.7	56.3	64.9	71.5	79.5	82.8	83.4	84.8	85.4	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4000	9.3	43.7	56.3	64.9	71.5	79.5	82.8	83.4	84.8	85.4	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3500	9.3	43.7	56.3	64.9	71.5	79.5	82.8	83.4	84.8	85.4	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3000	9.3	43.7	56.3	64.9	72.2	80.1	83.4	84.1	85.4	86.1	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2500	9.3	43.7	57.0	65.6	72.8	80.8	84.1	84.8	86.1	86.8	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2000	9.3	43.7	57.0	65.6	72.8	80.8	84.1	84.8	86.1	86.8	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1800	9.3	43.7	57.0	65.6	72.8	80.8	84.1	84.8	86.1	86.8	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1500	9.3	44.4	58.3	66.9	74.2	82.1	85.4	86.1	87.4	88.1	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1200	9.3	45.7	59.6	68.2	75.5	83.4	86.8	87.4	88.7	89.4	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1000	9.3	45.7	59.6	69.5	76.8	84.8	88.1	88.7	90.1	90.7	91.4	91.4	91.4	91.4	91.4	91.4
≥ 900	9.3	47.0	60.9	70.9	78.1	86.1	89.4	90.1	91.4	92.1	92.7	92.7	92.7	92.7	92.7	92.7
≥ 800	9.3	47.0	60.9	70.9	78.1	86.1	89.4	90.1	91.4	92.1	92.7	92.7	92.7	92.7	92.7	92.7
≥ 700	9.3	47.7	61.6	71.5	78.8	86.8	90.1	90.7	92.1	92.7	93.4	93.4	93.4	93.4	93.4	93.4
≥ 600	9.3	48.3	62.3	72.2	80.1	88.1	92.1	92.7	94.0	94.7	95.4	95.4	95.4	95.4	95.4	95.4
≥ 500	9.3	48.3	62.3	72.2	80.8	88.7	92.7	93.4	94.7	95.4	96.0	96.0	96.0	96.0	96.0	96.0
≥ 400	9.3	48.3	63.6	73.5	82.8	90.7	94.7	95.4	96.7	97.4	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	9.3	48.3	63.6	73.5	82.8	90.7	94.7	95.4	96.7	97.4	98.0	98.0	98.0	98.0	98.7	98.7
≥ 200	9.3	48.3	63.6	73.5	82.8	90.7	94.7	95.4	96.7	97.4	98.0	98.0	98.0	98.0	98.7	99.3
≥ 100	9.3	48.3	63.6	73.5	82.8	90.7	94.7	95.4	96.7	97.4	98.0	98.0	98.0	98.0	98.7	100.0
≥ 0	9.3	48.3	63.6	73.5	82.8	90.7	94.7	95.4	96.7	97.4	98.0	98.0	98.0	98.0	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 151

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	10.5	43.8	49.3	53.3	57.5	59.3	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 20000	11.8	47.9	55.1	59.6	64.0	66.2	67.8	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3
< 20000	11.8	47.9	55.2	59.7	64.1	66.4	67.9	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 18000	11.8	48.1	55.5	60.0	64.4	66.6	68.1	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6
< 18000	11.8	48.2	55.6	60.1	64.5	66.8	68.3	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 16000	12.0	50.2	57.7	62.4	66.8	69.0	70.5	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
< 16000	12.2	52.4	60.4	65.1	69.9	72.3	73.8	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 14000	12.2	52.9	61.2	66.0	70.8	73.1	74.7	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2
< 14000	12.2	54.7	63.9	68.8	73.7	76.0	77.5	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 12000	12.2	55.6	64.7	69.6	74.7	77.2	78.7	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2
< 12000	12.2	56.0	65.1	70.0	75.0	77.5	79.0	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 10000	12.2	57.6	66.9	71.8	76.9	79.4	80.9	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
< 10000	12.2	58.1	67.5	72.5	77.7	80.3	81.8	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 9000	12.2	58.2	67.6	72.6	77.8	80.4	81.9	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
< 9000	12.2	58.7	68.1	73.1	78.3	80.9	82.4	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 8000	12.3	59.6	69.5	74.5	79.7	82.3	83.8	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
< 8000	12.3	60.5	70.3	75.3	80.4	83.1	84.6	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 7000	12.3	61.2	71.0	76.0	81.3	83.9	85.6	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1
< 7000	12.3	61.2	71.0	76.0	81.3	83.9	85.6	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 6000	12.3	62.6	72.4	77.4	82.8	85.4	87.1	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
< 6000	12.7	64.2	74.2	79.4	84.8	87.5	89.1	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 5000	12.7	65.7	75.8	81.4	87.0	89.6	91.6	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
< 5000	12.8	66.9	76.9	82.6	88.1	90.7	92.7	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4500	12.8	67.6	78.4	84.3	89.6	92.2	94.2	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9
< 4500	12.8	68.4	79.0	84.7	90.2	92.8	94.9	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 4000	13.0	69.1	80.3	86.1	91.6	94.2	96.2	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
< 4000	13.0	69.3	81.1	87.0	92.5	95.2	97.4	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3500	13.0	69.3	81.1	87.2	92.7	95.6	97.9	98.7	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1
< 3500	13.0	69.3	81.1	87.3	93.0	95.9	98.1	99.0	99.0	99.2	99.2	99.2	99.4	99.4	99.6	99.6
≥ 3000	13.0	69.3	81.1	87.3	93.0	95.9	98.1	99.0	99.0	99.4	99.4	99.4	99.5	99.6	99.9	99.9
< 3000	13.0	69.3	81.1	87.3	93.0	95.9	98.1	99.0	99.0	99.4	99.4	99.4	99.5	99.6	99.9	100.0
≥ 2500	13.0	69.3	81.1	87.3	93.0	95.9	98.1	99.0	99.0	99.4	99.4	99.4	99.5	99.6	99.9	100.0
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TOTAL NUMBER OF OBSERVATIONS 797

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (L))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	17.9	58.3	60.3	62.4	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 20000	21.3	64.9	67.3	69.5	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 18000	21.3	65.0	67.7	69.9	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 16000	21.3	65.3	67.9	70.2	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 14000	21.3	65.3	67.9	70.2	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 12000	22.1	67.8	70.4	72.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 10000	22.8	72.3	75.0	77.3	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 9000	23.2	73.8	76.2	78.4	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 8000	23.6	75.3	78.4	80.6	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 7000	23.6	76.2	79.4	81.6	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 6000	23.8	76.7	79.9	82.1	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 5000	24.0	78.9	82.1	84.4	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4500	24.1	79.4	82.6	84.9	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4000	24.2	79.7	82.9	85.1	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3500	24.2	80.1	83.4	86.0	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3000	24.5	82.6	86.0	88.6	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2500	24.5	83.3	86.9	89.5	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2000	25.0	85.3	89.1	91.8	93.3	93.4	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800	25.0	85.8	89.6	92.3	93.8	94.0	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1500	25.2	87.6	91.5	94.1	95.8	96.0	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1200	25.3	88.5	92.4	95.1	96.8	97.0	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	25.3	89.9	94.0	96.8	98.6	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	25.3	90.0	94.1	96.9	98.9	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	25.3	90.0	94.1	96.9	98.9	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	25.3	90.0	94.1	96.9	98.9	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	25.3	90.0	94.1	96.9	99.0	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	25.3	90.0	94.3	97.0	99.1	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	25.3	90.0	94.3	97.0	99.1	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	25.3	90.0	94.3	97.0	99.1	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	25.3	90.0	94.3	97.0	99.1	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	25.3	90.0	94.3	97.0	99.1	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	25.3	90.0	94.3	97.0	99.1	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 801

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (L))

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	20.3	57.1	57.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 20000	26.0	69.7	70.5	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
≥ 18000	26.1	69.8	70.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 16000	26.1	69.9	70.8	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	26.1	70.5	71.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 12000	27.5	72.7	73.5	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
≥ 10000	28.6	75.9	76.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 9000	28.6	76.3	77.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 8000	29.2	78.2	79.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 7000	29.5	79.2	80.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 6000	29.6	79.8	81.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 5000	29.7	81.5	83.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 4500	29.8	82.5	84.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4000	30.2	84.6	86.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3500	31.1	87.1	89.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3000	32.2	92.3	94.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2500	32.5	93.1	95.3	97.6	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	32.7	94.0	96.3	98.6	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	32.7	94.0	96.3	98.6	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	32.7	94.3	96.6	99.0	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	32.8	94.6	97.1	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	32.8	94.6	97.1	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	32.8	94.6	97.1	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	32.8	94.6	97.1	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	32.8	94.6	97.1	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	32.8	94.6	97.1	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	32.8	94.6	97.1	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	32.8	94.6	97.1	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	32.8	94.6	97.1	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	32.8	94.6	97.1	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	32.8	94.6	97.1	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	32.8	94.6	97.1	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 401

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	≥1¾	≥1¼	≥1	≥⅝	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	21.1	56.9	58.4	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 20000	29.5	73.4	75.0	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 18000	29.6	73.7	75.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 16000	29.7	73.8	75.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 14000	30.2	74.8	76.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 12000	31.0	76.3	77.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 10000	33.2	80.8	82.4	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
≥ 9000	33.3	81.8	83.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 8000	34.1	83.6	85.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 7000	34.1	83.8	85.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 6000	34.1	83.9	85.5	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 5000	34.6	86.3	87.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4500	34.6	86.6	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	89.8
≥ 4000	35.2	89.8	91.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	35.7	91.1	93.3	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3000	36.1	93.9	96.3	98.0	98.3	98.3	98.3	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2500	36.1	94.3	96.6	98.4	98.8	98.8	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	36.1	94.5	96.9	98.6	99.0	99.0	99.0	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	36.1	94.5	96.9	98.6	99.0	99.0	99.0	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	36.1	94.6	97.1	98.9	99.3	99.3	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	36.2	94.8	97.3	99.0	99.4	99.4	99.4	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	36.3	94.9	97.4	99.1	99.5	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	36.3	94.9	97.4	99.1	99.5	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	36.3	94.9	97.4	99.1	99.5	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	36.3	94.9	97.4	99.1	99.5	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	36.3	94.9	97.4	99.1	99.5	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	36.3	94.9	97.4	99.1	99.5	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	36.3	94.9	97.4	99.1	99.5	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	36.3	94.9	97.4	99.1	99.5	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	36.3	94.9	97.4	99.1	99.5	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	36.3	94.9	97.4	99.1	99.5	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	36.3	94.9	97.4	99.1	99.5	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 801

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JUN (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	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	22.3	58.7	60.3	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 20000	30.0	75.3	76.9	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 18000	30.0	75.9	77.5	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 16000	30.0	75.9	77.5	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 14000	30.5	77.7	79.3	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 12000	31.2	79.9	81.5	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 10000	33.7	85.4	87.1	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 9000	33.7	85.6	87.4	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
≥ 8000	34.3	88.4	90.1	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 7000	34.5	88.8	90.5	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 6000	34.7	89.0	90.9	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 5000	35.1	90.6	92.5	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 4500	35.1	91.9	93.9	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4000	35.5	92.9	94.9	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 3500	36.0	94.0	96.0	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	36.0	94.6	96.8	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2500	36.0	94.8	96.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	36.0	94.8	96.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	36.0	94.8	96.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	36.0	94.9	97.0	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	36.0	94.9	97.0	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	36.0	94.9	97.0	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	36.0	94.9	97.0	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	36.0	94.9	97.0	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	36.0	94.9	97.0	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	36.0	94.9	97.0	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	36.0	94.9	97.0	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	36.0	94.9	97.0	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	36.0	94.9	97.0	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	36.0	94.9	97.0	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	36.0	94.9	97.0	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	36.0	94.9	97.0	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 801

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	25.6	66.8	69.0	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 20000	29.7	79.7	82.1	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 18000	29.7	79.9	82.3	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 16000	29.7	79.9	82.3	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 14000	29.9	80.6	83.0	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 12000	30.6	82.5	84.9	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 10000	32.5	86.2	89.2	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 9000	33.0	87.1	90.1	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 8000	33.0	88.4	91.4	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 7000	33.0	88.4	91.4	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 6000	33.4	88.8	91.8	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
≥ 5000	33.6	89.7	92.9	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4500	34.0	91.0	94.2	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 4000	34.5	92.4	95.5	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3500	34.5	92.9	96.1	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 3000	35.1	94.2	97.4	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2500	35.1	94.2	97.4	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	35.1	94.2	97.4	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	35.1	94.2	97.4	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	35.1	94.2	97.4	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	35.3	94.4	97.6	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	35.3	94.4	97.6	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	35.3	94.4	97.6	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	35.3	94.4	97.6	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	35.3	94.4	97.6	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	35.3	94.6	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	35.3	94.6	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	35.3	94.6	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	35.3	94.6	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	35.3	94.6	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	35.3	94.6	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	35.3	94.6	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 536

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

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JUN (MONTH)

ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	18.9	55.5	58.0	60.3	61.4	62.0	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 20000	23.9	66.7	69.7	72.2	73.4	74.0	74.4	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6
≥ 18000	23.9	67.0	70.0	72.4	73.6	74.3	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 16000	23.9	67.1	70.1	72.6	73.8	74.4	74.8	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0
≥ 14000	24.1	67.8	70.8	73.3	74.5	75.1	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 12000	24.9	69.8	72.9	75.4	76.6	77.2	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8
≥ 10000	26.3	73.7	77.0	79.5	80.8	81.5	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 9000	26.4	74.4	77.7	80.2	81.5	82.2	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 8000	26.8	76.3	79.9	82.5	83.8	84.5	84.9	84.9	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1
≥ 7000	26.9	76.8	80.5	83.0	84.4	85.1	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 6000	27.1	77.2	81.0	83.5	84.9	85.6	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2
≥ 5000	27.3	79.0	82.9	85.4	86.8	87.5	87.9	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4500	27.4	79.9	83.7	86.3	87.7	88.5	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4000	27.7	81.2	85.1	87.8	89.3	90.0	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3500	28.0	82.2	86.2	89.0	90.4	91.2	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3000	28.4	84.5	88.6	91.4	93.0	93.7	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2500	28.4	84.9	89.1	91.9	93.5	94.2	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000	28.6	85.6	89.8	92.6	94.3	95.1	95.5	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1800	28.6	85.7	89.9	92.7	94.4	95.2	95.6	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1500	28.6	86.3	90.6	93.5	95.2	95.9	96.4	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	28.8	86.9	91.3	94.2	95.9	96.7	97.1	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	28.8	87.4	91.8	94.8	96.7	97.4	97.9	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	28.8	87.6	92.1	95.1	96.9	97.7	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	28.8	87.8	92.3	95.4	97.2	97.9	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	28.8	87.9	92.5	95.5	97.3	98.1	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	28.8	88.1	92.7	95.8	97.6	98.4	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	28.8	88.1	92.9	95.9	97.8	98.6	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	28.8	88.1	92.9	96.0	97.9	98.7	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	28.8	88.1	92.9	96.0	98.0	98.8	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 200	28.8	88.1	92.9	96.0	98.0	98.8	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 100	28.8	88.1	92.9	96.0	98.0	98.8	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
0	28.8	88.1	92.9	96.0	98.0	98.8	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 8690

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-74,77-81 (YEARS) JUL (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	3.2	23.6	30.6	39.5	46.5	52.9	53.5	54.1	54.8	54.8	54.8	55.4	56.1	56.1	56.1	56.1
≥ 20000	4.5	31.8	39.5	49.0	56.7	64.3	65.0	65.6	66.9	66.9	66.9	67.5	68.2	68.2	68.2	68.2
≥ 18000	5.1	33.1	40.8	50.3	58.0	65.6	66.2	66.9	68.2	68.2	68.2	68.8	69.4	69.4	69.4	69.4
≥ 16000	5.1	33.1	41.4	51.0	58.6	66.2	66.9	67.5	68.8	68.8	68.8	69.4	70.1	70.1	70.1	70.1
≥ 14000	5.1	33.1	42.0	52.2	59.9	67.5	68.2	68.8	70.1	70.1	70.1	70.7	71.3	71.3	71.3	71.3
≥ 12000	5.1	35.7	45.2	55.4	63.1	70.7	72.0	72.6	73.9	73.9	73.9	74.5	75.2	75.2	75.2	75.2
≥ 10000	5.1	36.3	45.9	56.1	63.7	71.3	73.2	73.9	75.2	75.2	75.2	75.8	76.4	76.4	76.4	76.4
≥ 9000	5.1	36.3	45.9	56.1	63.7	71.3	73.2	73.9	75.2	75.2	75.2	75.8	76.4	76.4	76.4	76.4
≥ 8000	5.1	38.9	48.4	59.2	66.9	75.2	77.1	77.7	79.0	79.0	79.0	79.6	80.3	80.3	80.3	80.3
≥ 7000	5.1	38.9	48.4	59.9	67.5	75.8	77.7	78.3	79.6	79.6	79.6	80.3	80.9	80.9	80.9	80.9
≥ 6000	5.1	38.9	48.4	59.9	67.5	75.8	77.7	78.3	79.6	79.6	79.6	80.3	80.9	80.9	80.9	80.9
≥ 5000	5.1	39.5	49.0	60.5	68.2	76.4	78.3	79.0	80.3	80.3	80.3	80.9	81.5	81.5	81.5	81.5
≥ 4500	5.1	39.5	49.0	60.5	68.2	76.4	78.3	79.0	80.3	80.3	80.3	80.9	81.5	81.5	81.5	81.5
≥ 4000	5.1	40.1	50.3	61.8	69.4	77.7	79.6	80.9	82.2	82.2	82.2	82.8	83.4	83.4	83.4	83.4
≥ 3500	5.1	40.1	50.3	61.8	69.4	77.7	79.6	80.9	82.2	82.2	82.2	82.8	83.4	83.4	83.4	83.4
≥ 3000	5.1	40.1	50.3	61.8	70.1	78.3	80.3	81.5	82.8	82.8	82.8	83.4	84.1	84.1	84.1	84.1
≥ 2500	5.1	40.1	50.3	61.8	70.1	78.3	80.3	81.5	82.8	82.8	82.8	83.4	84.1	84.1	84.1	84.1
≥ 2000	5.7	41.4	51.6	63.1	72.0	80.3	82.2	83.4	84.7	84.7	84.7	85.4	86.0	86.0	86.0	86.0
≥ 1800	5.7	41.4	51.6	63.1	72.0	80.3	82.2	83.4	84.7	84.7	84.7	85.4	86.0	86.0	86.0	86.0
≥ 1500	7.0	43.9	54.1	65.6	74.5	83.4	85.4	86.6	87.9	87.9	87.9	88.5	89.2	89.2	89.2	89.2
≥ 1200	7.0	43.9	54.1	65.6	74.5	83.4	85.4	86.6	87.9	87.9	87.9	88.5	89.2	89.2	89.2	89.2
≥ 1000	7.0	43.9	54.1	66.2	75.8	84.7	87.3	88.5	90.4	90.4	90.4	91.1	91.7	91.7	91.7	91.7
≥ 900	7.0	43.9	54.1	66.9	76.4	85.4	87.9	89.2	91.1	91.1	91.1	91.7	92.4	92.4	92.4	92.4
≥ 800	7.0	44.6	54.8	68.2	77.7	86.6	89.2	90.9	92.4	92.4	92.4	93.0	93.6	93.6	93.6	93.6
≥ 700	7.0	44.6	54.8	68.2	79.0	87.9	90.4	91.7	93.6	93.6	93.6	94.3	94.9	94.9	94.9	94.9
≥ 600	7.0	45.9	56.7	70.1	80.9	90.4	93.0	94.3	96.2	96.2	96.2	96.8	97.5	97.5	97.5	97.5
≥ 500	7.0	45.9	56.7	70.1	80.9	91.1	93.6	94.9	96.8	96.8	96.8	97.5	98.1	98.7	98.7	98.7
≥ 400	7.0	45.9	56.7	70.1	80.9	91.1	93.6	94.9	97.5	97.5	97.5	98.1	98.7	99.4	99.4	99.4
≥ 300	7.0	45.9	56.7	70.1	80.9	91.1	93.6	94.9	97.5	97.5	97.5	98.1	98.7	99.4	100.0	100.0
≥ 200	7.0	45.9	56.7	70.1	80.9	91.1	93.6	94.9	97.5	97.5	97.5	98.1	98.7	99.4	100.0	100.0
≥ 100	7.0	45.9	56.7	70.1	80.9	91.1	93.6	94.9	97.5	97.5	97.5	98.1	98.7	99.4	100.0	100.0
≥ 0	7.0	45.9	56.7	70.1	80.9	91.1	93.6	94.9	97.5	97.5	97.5	98.1	98.7	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 157

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥0	≥0
NO CEILING	4.1	28.5	37.3	44.4	51.2	53.3	54.5	55.4	55.5	55.6	55.9	56.0	56.0	56.0	56.1	56.1
≥ 20000	5.1	32.5	42.6	50.1	57.8	59.8	61.1	62.1	62.2	62.3	62.6	62.7	62.7	62.7	62.8	62.8
≥ 18000	5.5	33.0	43.1	50.6	57.9	60.3	61.6	62.6	62.7	62.8	63.0	63.2	63.2	63.2	63.3	63.3
≥ 16000	5.6	33.1	43.2	50.7	58.0	60.4	61.7	62.7	62.8	62.9	63.2	63.3	63.3	63.3	63.4	63.4
≥ 14000	5.6	33.5	44.1	51.7	59.1	61.5	62.8	63.8	63.9	64.0	64.2	64.4	64.4	64.4	64.5	64.5
≥ 12000	5.9	36.0	46.9	54.9	62.9	65.3	66.9	67.8	67.9	68.1	68.3	68.4	68.4	68.4	68.5	68.5
≥ 10000	6.0	37.8	49.4	58.6	66.9	69.3	70.9	71.9	72.0	72.1	72.4	72.5	72.5	72.5	72.6	72.6
≥ 9000	6.0	38.3	50.0	59.4	67.8	70.2	71.9	72.8	73.0	73.1	73.3	73.4	73.4	73.4	73.6	73.6
≥ 8000	6.1	40.2	52.0	61.8	70.3	72.8	74.5	75.5	75.6	75.7	76.0	76.1	76.1	76.1	76.2	76.2
≥ 7000	6.1	40.2	52.1	62.1	70.6	73.1	74.8	75.7	75.8	76.0	76.2	76.3	76.3	76.3	76.4	76.4
≥ 6000	6.2	40.6	52.6	62.4	70.9	73.4	75.1	76.1	76.2	76.3	76.6	76.7	76.7	76.7	76.8	76.8
≥ 5000	6.2	40.9	53.0	62.9	71.4	73.9	75.6	76.6	76.7	76.8	77.0	77.2	77.2	77.2	77.3	77.3
≥ 4500	6.6	41.4	53.5	63.4	72.0	74.5	76.2	77.2	77.3	77.4	77.6	77.8	77.8	77.8	77.9	77.9
≥ 4000	6.6	42.1	54.3	64.2	72.8	75.4	77.0	78.0	78.1	78.2	78.5	78.6	78.6	78.6	78.7	78.7
≥ 3500	6.6	42.5	54.8	64.7	73.3	75.8	77.5	78.5	78.6	78.7	78.9	79.1	79.1	79.1	79.2	79.2
≥ 3000	6.6	42.6	54.9	65.0	73.7	76.2	77.9	78.8	78.9	79.1	79.3	79.4	79.4	79.4	79.5	79.5
≥ 2500	6.7	42.8	55.1	65.2	73.9	76.4	78.1	79.1	79.2	79.3	79.5	79.7	79.7	79.7	79.8	79.8
≥ 2000	6.7	43.3	55.9	65.9	74.8	77.3	78.9	79.9	80.0	80.1	80.4	80.5	80.5	80.5	80.6	80.6
≥ 1800	6.7	43.3	55.9	65.9	74.8	77.3	78.9	79.9	80.0	80.1	80.4	80.5	80.5	80.5	80.6	80.6
≥ 1500	6.9	44.4	57.2	67.6	76.6	79.1	80.7	81.8	81.9	82.3	82.5	82.7	82.7	82.7	82.8	82.8
≥ 1200	6.9	46.1	59.1	70.0	79.1	81.6	83.4	84.4	84.6	84.9	85.2	85.3	85.3	85.3	85.4	85.4
≥ 1000	7.1	47.7	61.0	72.2	81.7	84.7	86.6	87.8	87.9	88.4	88.6	88.8	88.8	88.8	88.9	88.9
≥ 900	7.1	48.4	62.0	73.4	83.1	86.1	88.0	89.2	89.4	89.8	90.1	90.2	90.2	90.2	90.3	90.3
≥ 800	7.1	48.4	63.3	74.9	84.9	88.0	90.0	91.1	91.3	91.7	92.0	92.1	92.1	92.1	92.2	92.2
≥ 700	7.1	49.6	63.9	75.7	85.9	89.1	91.1	92.3	92.5	92.9	93.2	93.3	93.3	93.3	93.4	93.4
≥ 600	7.1	50.8	65.3	77.3	87.7	91.1	93.2	94.4	94.5	95.0	95.2	95.3	95.3	95.3	95.5	95.5
≥ 500	7.1	51.3	66.1	78.1	89.0	92.5	94.6	96.3	96.5	97.0	97.4	97.5	97.6	97.7	97.8	97.8
≥ 400	7.1	51.3	66.6	78.6	89.6	93.3	95.5	97.2	97.5	98.0	98.3	98.4	98.6	98.7	98.9	98.9
≥ 300	7.1	51.3	66.8	78.8	89.7	93.4	95.6	97.4	97.6	98.3	98.7	98.8	98.9	99.0	99.3	99.5
≥ 200	7.1	51.3	66.8	78.8	89.7	93.5	95.7	97.5	97.7	98.4	99.0	99.2	99.3	99.4	99.6	99.9
≥ 100	7.1	51.3	66.8	78.8	89.7	93.5	95.7	97.5	97.7	98.4	99.0	99.2	99.3	99.4	99.8	100.0
0	7.1	51.3	66.8	78.8	89.7	93.5	95.7	97.5	97.7	98.4	99.0	99.2	99.3	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 836

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	9.1	49.9	54.7	57.0	58.5	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 20000	11.1	56.3	61.6	64.0	65.6	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 18000	11.1	56.6	62.0	64.4	65.9	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 16000	11.2	57.2	62.6	65.0	66.5	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 14000	11.5	58.1	63.6	65.9	67.5	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 12000	12.1	61.8	67.4	70.1	71.8	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 10000	12.2	65.6	71.6	74.3	76.1	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 9000	12.2	65.8	71.9	74.7	76.5	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 8000	12.7	67.3	73.6	76.3	78.1	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 7000	12.7	67.3	73.6	76.3	78.1	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 6000	12.7	67.4	73.7	76.5	78.3	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 5000	12.8	67.9	74.2	76.9	78.7	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4500	13.0	68.2	74.7	77.4	79.3	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4000	13.4	68.9	75.7	78.5	80.4	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3500	13.6	70.1	77.1	79.9	81.8	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3000	14.0	72.6	79.7	82.8	84.7	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	14.0	73.8	81.1	84.2	86.1	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2000	14.1	75.7	83.4	86.6	88.5	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1800	14.2	76.6	84.2	87.5	89.4	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1500	14.3	78.4	86.1	89.4	91.4	91.5	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1200	14.3	80.5	88.9	92.5	94.6	94.7	95.2	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	14.3	82.1	90.9	94.6	97.3	97.4	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	14.3	82.1	91.0	95.0	97.6	97.7	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	14.3	82.5	91.4	95.5	98.1	98.2	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	14.3	82.6	91.8	95.8	98.4	98.6	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	14.3	82.6	91.8	95.9	98.7	98.8	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	14.3	82.6	91.8	95.9	98.8	98.9	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	14.3	82.6	91.8	95.9	98.8	98.9	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	14.3	82.6	91.8	95.9	98.8	98.9	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	14.3	82.6	91.8	95.9	98.8	98.9	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	14.3	82.6	91.8	95.9	98.8	98.9	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	14.3	82.6	91.8	95.9	98.8	98.9	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

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

722265 MAXWELL AFB AL 73-81 ~~1111~~
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1200-1400~~
HOUR (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	12.2	50.8	53.8	54.6	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 20000	18.0	63.5	66.5	67.3	67.9	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 18000	18.0	63.6	66.6	67.5	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 16000	18.2	63.9	66.9	67.7	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 14000	18.7	64.9	67.9	68.8	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 12000	19.3	67.9	71.2	72.1	72.7	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 10000	20.4	72.9	76.1	77.1	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 9000	20.5	73.1	77.0	77.9	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 8000	20.6	76.0	79.2	80.2	80.9	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 7000	20.8	76.2	79.5	80.4	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 6000	20.9	76.4	79.6	80.6	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 5000	20.9	76.6	80.0	80.9	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500	21.0	77.0	80.3	81.3	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4000	21.8	79.7	83.4	84.6	85.5	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3500	22.6	83.1	87.5	88.7	89.7	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.2	90.2	90.2	90.2
≥ 3000	24.1	87.9	92.3	93.8	94.7	94.8	95.0	95.0	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2
≥ 2500	24.9	87.9	92.9	94.6	95.6	95.8	96.0	96.0	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
≥ 2000	25.8	89.0	94.1	95.8	96.9	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 1800	24.6	89.0	94.1	95.8	96.9	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 1500	24.8	89.8	95.0	96.6	97.7	98.0	98.3	98.3	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 1200	24.6	90.5	95.7	97.4	98.4	98.7	99.0	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 1000	24.8	90.5	95.7	97.4	98.4	98.7	99.0	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 900	24.6	90.5	95.7	97.4	98.4	98.7	99.0	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 800	24.6	90.6	95.8	97.5	98.6	98.8	99.2	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 700	24.6	90.6	95.8	97.5	98.6	98.8	99.2	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 600	24.8	90.8	95.9	97.6	98.7	98.9	99.3	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 500	24.6	90.6	96.0	97.7	98.8	99.0	99.4	99.4	99.5	99.6	99.6	99.6	99.9	99.9	99.9	99.9
≥ 400	24.6	90.6	96.0	97.7	98.8	99.0	99.4	99.4	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 300	24.6	90.6	96.0	97.7	98.8	99.0	99.4	99.4	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 200	24.6	90.6	96.0	97.7	98.8	99.0	99.4	99.4	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 100	24.6	90.6	96.0	97.7	98.8	99.0	99.4	99.4	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0
0	24.6	90.6	96.0	97.7	98.8	99.0	99.4	99.4	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 833

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	14.4	48.8	51.2	51.9	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 20000	22.0	63.8	66.5	67.2	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 18000	22.1	64.0	66.6	67.4	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 16000	22.5	64.3	67.0	67.7	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 14000	22.9	65.5	68.2	68.9	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 12000	23.9	67.7	70.4	71.1	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 10000	26.3	74.2	77.9	78.8	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 9000	26.3	75.0	79.0	79.9	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 8000	27.1	77.7	82.0	82.9	83.7	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 7000	27.2	78.2	82.9	83.7	84.6	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 6000	27.2	78.4	83.1	84.0	84.8	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 5000	27.4	79.9	84.8	85.7	86.5	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4500	27.4	80.8	85.8	86.7	87.6	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4000	28.0	84.0	89.0	90.2	91.3	91.4	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500	28.5	86.7	91.6	93.1	94.2	94.3	94.5	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000	29.0	88.7	93.9	95.4	96.6	96.7	97.0	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2500	29.1	89.0	94.2	95.6	97.0	97.1	97.3	97.3	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000	29.2	90.0	95.3	96.7	98.1	98.2	98.4	98.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	29.4	90.3	95.5	97.0	98.3	98.4	98.7	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	29.6	90.8	96.0	97.5	98.8	98.9	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	29.6	91.0	96.2	97.7	99.0	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	29.6	91.0	96.2	97.7	99.0	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	29.6	91.0	96.2	97.7	99.0	99.2	99.4	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	29.6	91.0	96.2	97.7	99.0	99.2	99.4	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	29.6	91.0	96.2	97.7	99.0	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	29.6	91.0	96.2	97.7	99.0	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	29.6	91.0	96.2	97.7	99.0	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	29.6	91.0	96.2	97.8	99.2	99.3	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	29.6	91.0	96.2	97.8	99.2	99.3	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	29.6	91.0	96.2	97.8	99.2	99.3	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	29.6	91.0	96.2	97.8	99.2	99.3	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	29.6	91.0	96.2	97.8	99.2	99.3	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 824

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JJJJ (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	14.1	47.1	48.4	48.5	49.3	49.3	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 20000	20.9	65.0	67.3	68.0	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 18000	21.0	65.3	67.6	68.4	69.1	69.1	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 16000	21.4	65.6	68.1	68.9	69.6	69.6	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 14000	22.3	67.8	70.1	70.8	71.5	71.5	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 12000	23.4	70.2	72.5	73.2	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 10000	24.8	77.1	80.2	81.0	81.8	81.8	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 9000	25.3	79.1	81.6	82.5	83.2	83.2	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 8000	26.4	82.1	84.9	86.0	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 7000	26.4	82.4	85.2	86.3	87.0	87.0	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 6000	26.5	82.7	85.5	86.7	87.5	87.5	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 5000	26.5	83.1	86.6	88.0	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4500	26.5	85.3	88.7	90.0	90.8	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4000	27.1	86.7	90.6	92.0	92.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	27.7	88.2	92.3	93.7	94.5	94.5	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3000	27.9	89.3	93.6	95.1	96.2	96.2	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	28.1	90.4	95.0	96.5	97.6	97.6	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2000	28.1	90.6	95.3	96.8	97.9	97.9	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	28.1	90.6	95.3	96.8	97.9	97.9	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	28.2	90.9	95.5	97.2	98.3	98.3	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	28.2	91.2	95.9	97.6	98.7	98.7	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	28.2	91.2	95.9	97.6	98.8	98.8	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	28.2	91.4	96.0	97.7	98.9	98.9	99.5	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	28.2	91.4	96.0	97.7	98.9	98.9	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	28.2	91.4	96.0	97.7	98.9	98.9	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	28.2	91.4	96.0	97.7	98.9	98.9	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	28.2	91.4	96.0	97.7	98.9	98.9	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	28.2	91.4	96.0	97.7	98.9	98.9	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	28.2	91.4	96.0	97.7	98.9	98.9	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	28.2	91.4	96.0	97.7	98.9	98.9	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	28.2	91.4	96.0	97.7	98.9	98.9	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0
0	28.2	91.4	96.0	97.7	98.9	98.9	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 822

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOUR LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	21.5	55.8	58.9	59.5	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 20000	24.9	71.3	75.3	76.4	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 18000	24.9	71.3	75.3	76.4	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 16000	25.1	71.6	75.6	76.7	77.6	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 14000	25.3	72.9	76.9	78.0	78.9	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 12000	25.5	74.4	78.7	79.8	80.7	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 10000	26.5	78.7	83.5	84.5	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 9000	26.5	79.1	83.8	84.9	85.8	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 8000	26.9	80.2	85.1	86.4	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 7000	27.3	80.7	85.6	87.1	88.2	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 6000	27.6	81.5	86.4	87.8	88.9	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 5000	27.8	82.4	87.3	88.7	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4500	28.0	83.5	88.4	90.0	91.1	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 4000	28.2	84.9	90.4	92.2	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3500	28.5	86.0	91.5	93.3	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000	28.5	86.5	92.0	94.4	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2500	28.5	87.5	92.9	95.3	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	28.7	87.8	93.3	95.6	96.9	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	28.9	88.2	93.6	96.0	97.3	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	28.9	88.5	94.0	96.4	97.6	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	29.1	89.1	94.5	96.9	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	29.1	89.3	94.7	97.3	98.5	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	29.1	89.8	95.3	97.8	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	29.1	89.8	95.3	98.0	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	29.1	89.8	95.3	98.0	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	29.1	90.0	95.5	98.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	29.1	90.0	95.5	98.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	29.1	90.0	95.5	98.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	29.1	90.0	95.5	98.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	29.1	90.0	95.5	98.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	29.1	90.0	95.5	98.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	29.1	90.0	95.5	98.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 550

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

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JUL (MONTH)

ALL (HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	11.7	45.5	49.6	51.8	53.9	54.6	55.0	55.2	55.2	55.3	55.3	55.3	55.4	55.4	55.4	55.4
≥ 20000	16.1	57.1	61.8	64.3	66.6	67.3	67.8	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.2	68.2
≥ 18000	16.2	57.4	62.1	64.6	66.9	67.6	68.1	68.2	68.3	68.3	68.4	68.4	68.4	68.4	68.5	68.5
≥ 16000	16.5	57.7	62.5	65.0	67.2	67.9	68.4	68.6	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8
≥ 14000	16.8	58.8	63.7	66.2	68.5	69.2	69.7	69.9	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.1
≥ 12000	17.5	61.4	66.5	69.2	71.6	72.3	72.8	73.0	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2
≥ 10000	18.5	66.1	71.6	74.5	77.0	77.7	78.3	78.5	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7
≥ 9000	18.6	66.8	72.4	75.4	77.9	78.6	79.2	79.3	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5
≥ 8000	19.1	68.9	74.7	77.8	80.4	81.1	81.7	81.9	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1
≥ 7000	19.3	69.2	75.0	78.2	80.7	81.5	82.1	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5
≥ 6000	19.2	69.4	75.3	78.5	81.0	81.8	82.4	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8
≥ 5000	19.3	70.2	76.1	79.4	81.9	82.7	83.3	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.7	83.7
≥ 4500	19.4	70.9	77.0	80.2	82.8	83.6	84.2	84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6
≥ 4000	19.9	72.6	79.0	82.4	85.0	85.8	86.4	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8
≥ 3500	20.3	74.3	80.8	84.3	87.0	87.7	88.4	88.6	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8
≥ 3000	20.7	76.1	82.8	86.5	89.2	90.0	90.6	90.8	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1
≥ 2500	20.8	76.7	83.6	87.3	90.1	90.8	91.5	91.7	91.8	91.8	91.9	91.9	92.0	92.0	92.0	92.0
≥ 2000	21.0	77.6	84.6	88.3	91.2	92.0	92.7	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.2	93.2
≥ 1800	21.0	77.9	84.8	88.6	91.4	92.2	92.9	93.1	93.2	93.2	93.3	93.3	93.4	93.4	93.4	93.4
≥ 1500	21.2	78.7	85.8	89.6	92.5	93.3	94.0	94.2	94.3	94.5	94.5	94.6	94.6	94.6	94.6	94.6
≥ 1200	21.2	79.7	86.9	90.8	93.8	94.6	95.3	95.5	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9
≥ 1000	21.2	80.3	87.6	91.6	94.8	95.7	96.5	96.7	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.2
≥ 900	21.2	80.5	87.8	92.0	95.2	96.1	96.9	97.2	97.3	97.5	97.6	97.6	97.6	97.6	97.7	97.7
≥ 800	21.2	80.7	88.2	92.4	95.7	96.6	97.4	97.7	97.8	98.0	98.1	98.1	98.1	98.1	98.2	98.2
≥ 700	21.2	80.8	88.3	92.6	95.9	96.9	97.8	98.0	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.5
≥ 600	21.2	81.1	88.7	93.0	96.4	97.4	98.3	98.5	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0
≥ 500	21.2	81.1	88.8	93.2	96.7	97.7	98.6	98.9	99.1	99.2	99.3	99.4	99.5	99.5	99.5	99.5
≥ 400	21.2	81.1	88.9	93.3	96.8	97.8	98.7	99.1	99.3	99.4	99.5	99.6	99.7	99.7	99.8	99.8
≥ 300	21.2	81.1	88.9	93.3	96.8	97.9	98.8	99.1	99.3	99.5	99.6	99.7	99.8	99.8	99.9	99.9
≥ 200	21.2	81.1	88.9	93.3	96.8	97.9	98.8	99.2	99.3	99.5	99.7	99.7	99.8	99.9	99.9	100.0
≥ 100	21.2	81.1	88.9	93.3	96.8	97.9	98.8	99.2	99.3	99.5	99.7	99.7	99.8	99.9	99.9	100.0
0	21.2	81.1	88.9	93.3	96.8	97.9	98.8	99.2	99.3	99.5	99.7	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 8859

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73.75-76.78-81 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.6	22.5	29.7	42.0	52.2	56.5	60.1	61.6	62.3	62.3	62.3	62.3	62.3	62.3	63.0	63.0
≥ 20000	4.3	26.1	34.1	48.6	58.7	63.0	67.4	69.6	70.3	70.3	70.3	70.3	70.3	70.3	71.0	71.0
≥ 18000	4.3	26.1	34.1	48.6	58.7	63.0	67.4	69.6	70.3	70.3	70.3	70.3	70.3	70.3	71.0	71.0
≥ 16000	4.3	26.1	34.1	48.6	58.7	63.0	67.4	69.6	70.3	70.3	70.3	70.3	70.3	70.3	71.0	71.0
≥ 14000	4.3	26.1	34.1	48.6	58.7	63.0	67.4	69.6	70.3	70.3	70.3	70.3	70.3	70.3	71.0	71.0
≥ 12000	4.3	26.8	34.8	49.3	59.4	63.8	68.1	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.7	71.7
≥ 10000	4.3	31.2	39.1	53.6	63.8	69.6	74.6	76.8	77.5	77.5	77.5	77.5	77.5	77.5	78.3	78.3
≥ 9000	4.3	31.2	39.1	53.6	63.8	69.6	74.6	76.8	77.5	77.5	77.5	77.5	77.5	77.5	78.3	78.3
≥ 8000	4.3	31.9	39.9	54.3	64.5	70.3	75.4	77.5	78.3	78.3	78.3	78.3	78.3	78.3	79.0	79.0
≥ 7000	4.3	31.9	39.9	54.3	64.5	70.3	75.4	77.5	78.3	78.3	78.3	78.3	78.3	78.3	79.0	79.0
≥ 6000	4.3	31.9	39.9	54.3	64.5	70.3	75.4	77.5	78.3	78.3	78.3	78.3	78.3	78.3	79.0	79.0
≥ 5000	4.3	31.9	39.9	54.3	65.2	71.0	76.1	78.3	79.0	79.0	79.0	79.0	79.0	79.0	79.7	79.7
≥ 4500	4.3	31.9	39.9	54.3	65.9	71.7	76.8	79.0	79.7	79.7	79.7	79.7	79.7	79.7	80.4	80.4
≥ 4000	4.3	31.9	39.9	54.3	65.9	71.7	76.8	79.0	79.7	79.7	79.7	79.7	79.7	79.7	80.4	80.4
≥ 3500	5.1	32.6	40.6	55.1	67.4	73.2	78.3	80.4	81.2	81.2	81.2	81.2	81.2	81.2	81.9	81.9
≥ 3000	5.1	32.6	40.6	55.1	67.4	73.2	78.3	80.4	81.2	81.2	81.2	81.2	81.2	81.2	81.9	81.9
≥ 2500	5.1	33.3	41.3	56.5	68.8	74.6	79.7	81.9	82.6	82.6	82.6	82.6	82.6	82.6	83.3	83.3
≥ 2000	5.1	34.1	42.8	59.4	71.7	77.5	82.6	84.8	85.5	85.5	85.5	85.5	85.5	85.5	86.2	86.2
≥ 1800	5.1	34.1	42.8	60.1	72.5	78.3	83.3	85.5	86.2	86.2	86.2	86.2	86.2	86.2	87.0	87.0
≥ 1500	5.1	34.1	43.5	61.6	73.9	79.7	84.8	87.0	87.7	87.7	87.7	87.7	87.7	87.7	88.4	88.4
≥ 1200	5.8	34.8	44.2	63.0	76.1	81.9	87.7	89.9	90.6	90.6	90.6	90.6	90.6	90.6	91.3	91.3
≥ 1000	5.8	34.8	44.2	63.8	76.8	82.6	88.4	90.6	91.3	91.3	91.3	91.3	91.3	91.3	92.0	92.0
≥ 900	5.8	35.5	44.9	65.2	78.3	84.1	89.9	92.0	92.8	92.8	92.8	92.8	92.8	92.8	93.5	93.5
≥ 800	5.8	35.5	44.9	65.9	79.7	85.5	91.3	93.5	94.2	94.2	94.2	94.2	94.2	94.2	94.9	94.9
≥ 700	5.8	35.5	44.9	65.9	79.7	85.5	91.3	93.5	94.2	94.2	94.2	94.2	94.2	94.2	94.9	94.9
≥ 600	5.8	35.5	44.9	65.9	79.7	85.5	91.3	93.5	94.2	94.2	94.2	94.2	94.2	94.2	94.9	94.9
≥ 500	5.8	35.5	44.9	65.9	79.7	85.5	91.3	93.5	94.2	94.2	94.2	94.2	94.2	94.2	94.9	94.9
≥ 400	5.8	35.5	46.4	67.4	81.9	87.7	94.2	96.4	97.1	97.8	97.8	97.8	97.8	97.8	98.6	98.6
≥ 300	5.8	35.5	46.4	67.4	81.9	87.7	94.2	96.4	97.1	97.8	97.8	97.8	97.8	97.8	98.6	98.6
≥ 200	5.8	35.5	46.4	67.4	81.9	87.7	94.2	96.4	97.1	97.8	98.6	98.6	99.3	99.3	100.0	100.0
≥ 100	5.8	35.5	46.4	67.4	81.9	87.7	94.2	96.4	97.1	97.8	98.6	98.6	99.3	99.3	100.0	100.0
0	5.8	35.5	46.4	67.4	81.9	87.7	94.2	96.4	97.1	97.8	98.6	98.6	99.3	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 138

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS)

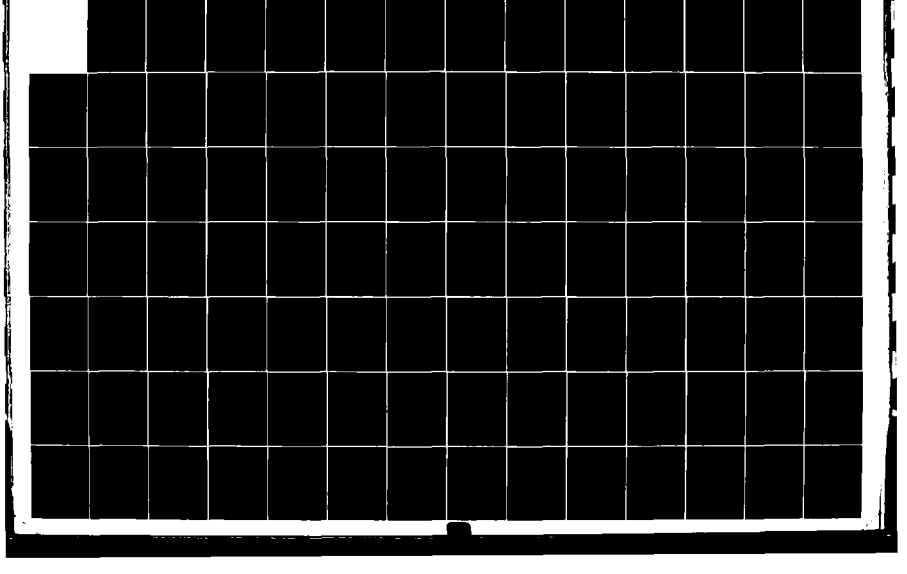
CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	5.0	33.8	43.8	52.0	58.1	60.3	61.5	62.7	63.0	63.1	63.1	63.1	63.2	63.3	63.4	63.4
≥ 20000	5.3	36.2	46.2	55.2	61.8	64.3	65.8	67.1	67.4	67.9	67.9	67.9	68.0	68.1	68.2	68.2
≥ 18000	5.3	36.2	46.2	55.2	61.8	64.3	65.8	67.1	67.4	67.9	67.9	67.9	68.0	68.1	68.2	68.2
≥ 16000	5.3	36.3	46.4	55.3	61.9	64.4	65.9	67.3	67.5	68.0	68.0	68.0	68.1	68.2	68.3	68.3
≥ 14000	5.4	36.4	46.6	55.6	62.1	64.6	66.2	67.5	67.7	68.2	68.2	68.2	68.3	68.5	68.6	68.6
≥ 12000	5.6	37.2	47.4	56.8	63.7	66.2	67.7	69.2	69.4	69.9	69.9	69.9	70.0	70.1	70.3	70.3
≥ 10000	6.0	40.0	50.5	60.1	67.1	69.9	71.4	72.9	73.1	73.6	73.6	73.6	73.7	73.8	74.0	74.0
≥ 9000	6.0	40.5	51.1	60.8	67.9	70.6	72.2	73.6	73.8	74.3	74.3	74.3	74.4	74.6	74.7	74.7
≥ 8000	6.0	41.9	53.5	63.7	70.7	73.6	75.1	76.6	76.8	77.3	77.3	77.3	77.4	77.7	77.8	77.8
≥ 7000	6.1	42.7	54.2	64.4	71.4	74.3	76.0	77.4	77.7	78.1	78.1	78.1	78.3	78.5	78.6	78.6
≥ 6000	6.1	42.7	54.2	64.4	71.4	74.3	76.0	77.4	77.7	78.1	78.1	78.1	78.3	78.5	78.6	78.6
≥ 5000	6.1	43.1	55.0	65.1	72.3	75.1	76.8	78.3	78.5	79.0	79.0	79.0	79.1	79.3	79.5	79.5
≥ 4500	6.1	43.4	55.2	65.4	72.5	75.5	77.2	78.6	78.9	79.3	79.3	79.3	79.5	79.7	79.8	79.8
≥ 4000	6.1	43.6	55.6	65.7	72.9	75.9	77.5	79.0	79.2	79.7	79.7	79.7	79.8	80.0	80.2	80.2
≥ 3500	6.2	44.0	55.9	66.1	73.2	76.2	77.9	79.3	79.6	80.0	80.0	80.0	80.2	80.4	80.5	80.5
≥ 3000	6.2	44.3	56.3	66.4	73.7	76.7	78.4	79.8	80.0	80.5	80.5	80.5	80.6	80.9	81.0	81.0
≥ 2500	6.2	44.8	56.8	67.0	74.3	77.3	79.0	80.4	80.6	81.1	81.1	81.1	81.2	81.5	81.6	81.6
≥ 2000	6.3	46.0	58.1	68.5	75.7	78.7	80.4	82.0	82.2	82.7	82.7	82.7	82.8	83.0	83.2	83.2
≥ 1800	6.3	46.1	58.2	68.7	76.0	79.0	80.6	82.2	82.4	82.9	82.9	82.9	83.0	83.3	83.4	83.4
≥ 1500	6.3	46.7	59.0	69.8	77.1	80.2	82.0	83.5	83.8	84.2	84.2	84.2	84.3	84.6	84.7	84.7
≥ 1200	6.7	47.8	60.3	71.7	79.1	82.2	84.0	85.7	85.9	86.4	86.4	86.4	86.5	86.7	86.9	86.9
≥ 1000	6.7	49.0	62.1	73.7	81.2	84.5	86.3	87.9	88.2	88.6	88.6	88.6	88.8	89.0	89.1	89.1
≥ 900	6.7	49.8	63.6	75.5	83.2	86.6	88.4	90.1	90.3	90.8	90.8	90.8	90.9	91.2	91.3	91.3
≥ 800	6.8	50.8	65.0	77.2	84.9	88.5	90.4	92.1	92.4	92.8	92.8	92.8	93.0	93.2	93.3	93.3
≥ 700	6.8	51.0	65.5	78.1	86.0	89.6	91.5	93.2	93.4	93.9	93.9	93.9	94.0	94.3	94.4	94.4
≥ 600	6.8	51.5	66.3	79.6	87.5	91.2	93.2	94.9	95.1	95.6	95.6	95.6	95.7	95.9	96.1	96.1
≥ 500	6.8	51.7	67.1	80.5	88.8	92.7	94.7	96.4	96.7	97.3	97.3	97.3	97.4	97.6	97.7	97.7
≥ 400	6.8	51.9	67.5	81.1	89.4	93.3	95.5	97.4	97.6	98.2	98.2	98.2	98.3	98.6	98.7	98.7
≥ 300	6.8	51.9	67.5	81.1	89.6	93.5	95.8	97.7	98.0	98.7	98.8	98.8	99.0	99.3	99.4	99.4
≥ 200	6.8	51.9	67.5	81.1	89.7	93.7	95.9	98.0	98.2	99.2	99.3	99.3	99.5	99.8	99.9	99.9
≥ 100	6.8	51.9	67.5	81.1	89.7	93.7	95.9	98.0	98.2	99.2	99.3	99.3	99.5	99.8	100.0	100.0
≥ 0	6.8	51.9	67.5	81.1	89.7	93.7	95.9	98.0	98.2	99.2	99.3	99.3	99.5	99.8	100.0	100.0

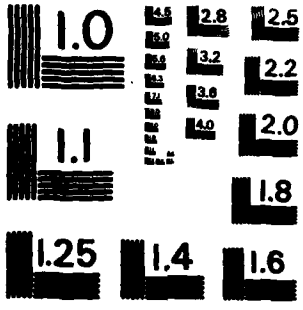
TOTAL NUMBER OF OBSERVATIONS 837

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

AD-A122 716 MAXWELL AFB ALABAMA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIO..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 24 AUG 82 3/5

UNCLASSIFIED USAFETAC/DS-82/081 SBI-AD-E000 209 F/G 4/2 NL





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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	14.7	59.3	63.4	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
≥ 20000	16.0	64.0	68.7	71.8	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 18000	16.0	64.0	68.7	71.8	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 16000	16.0	64.2	68.8	71.9	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 14000	16.9	65.1	69.8	72.9	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 12000	17.1	67.5	72.3	75.4	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 10000	17.6	70.5	75.6	79.0	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 9000	17.7	70.7	75.9	79.2	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 8000	18.0	72.2	77.4	80.9	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 7000	18.0	72.3	77.5	81.1	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 6000	18.1	72.5	77.6	81.4	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 5000	18.2	73.1	78.4	82.2	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 4500	18.2	73.6	78.9	82.4	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4000	18.3	73.8	79.1	82.7	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3500	18.5	75.7	81.0	84.6	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3000	19.4	77.9	83.3	86.9	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2500	19.6	78.6	84.0	87.6	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2000	19.6	80.4	86.4	90.0	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1800	19.6	80.9	86.9	90.1	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1500	19.7	82.4	88.2	92.4	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1200	20.4	85.2	91.3	95.5	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	20.6	86.3	92.6	97.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	20.6	86.7	93.4	98.0	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	20.9	87.2	93.5	98.4	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	20.9	87.2	93.9	98.4	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	20.9	87.2	93.9	98.4	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	20.9	87.2	94.0	98.4	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	20.9	87.2	94.0	98.4	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	20.9	87.2	94.0	98.4	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	20.9	87.2	94.0	98.4	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	20.9	87.2	94.0	98.4	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	20.9	87.2	94.0	98.4	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC FORM 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS - LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	22.1	58.1	59.5	59.9	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	25.6	68.9	71.0	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 18000	25.7	69.1	71.1	71.7	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	25.7	69.1	71.1	71.7	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	25.8	69.9	72.0	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
≥ 12000	27.2	72.5	74.7	75.3	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	29.0	76.6	79.2	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 9000	29.3	76.9	79.6	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
≥ 8000	30.0	79.5	82.1	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 7000	30.0	79.6	82.2	82.9	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	30.2	80.3	82.9	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 5000	30.3	80.9	83.5	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4500	30.5	81.2	83.9	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	31.1	82.9	85.8	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3500	31.7	87.2	90.2	90.9	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3000	33.1	90.7	93.9	94.6	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500	33.5	91.8	95.0	95.7	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2000	33.5	92.5	95.8	96.7	97.1	97.4	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	33.5	92.8	96.2	97.3	97.7	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	33.6	93.4	96.9	98.2	98.7	98.9	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	34.1	93.7	97.1	98.4	98.9	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	34.1	94.0	97.6	98.8	99.3	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	34.1	94.0	97.5	98.8	99.3	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	34.1	94.0	97.6	98.8	99.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	34.1	94.0	97.6	98.9	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	34.1	94.0	97.6	98.9	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	34.1	94.0	97.6	98.9	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	34.1	94.0	97.6	98.9	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	34.1	94.0	97.6	98.9	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	34.1	94.0	97.6	98.9	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	34.1	94.0	97.6	98.9	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	34.1	94.0	97.6	98.9	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~~1500-1700~~ (HOUR (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	20.3	49.5	52.3	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 20000	27.7	66.1	69.5	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 18000	28.1	66.5	70.0	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 16000	28.1	66.5	70.0	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 14000	28.6	67.7	71.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 12000	30.1	70.7	74.2	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 10000	31.4	76.0	79.5	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 9000	32.0	77.5	81.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 8000	33.1	80.4	84.2	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
≥ 7000	33.1	80.4	84.2	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	33.5	81.4	85.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 5000	33.5	81.7	85.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4500	33.8	82.6	86.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 4000	34.2	83.6	87.6	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 3500	34.9	87.6	91.6	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3000	35.6	89.8	93.7	95.4	96.5	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2500	35.9	90.3	95.3	96.8	97.8	97.9	97.9	97.9	97.6	97.7	97.7	97.7	97.7	97.7	97.8	97.8
≥ 2000	36.1	91.2	96.3	97.8	98.6	98.6	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0
≥ 1800	35.7	91.2	96.5	98.2	98.9	98.9	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 1500	35.7	91.5	96.9	98.6	99.3	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8
≥ 1200	35.7	91.6	97.0	98.7	99.4	99.4	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 1000	35.7	91.6	97.0	98.7	99.5	99.5	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 900	35.7	91.6	97.0	98.7	99.4	99.4	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 800	35.7	91.6	97.0	98.7	99.5	99.5	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 700	35.7	91.6	97.0	98.7	99.4	99.4	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 600	35.7	91.6	97.0	98.7	99.5	99.5	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 500	35.7	91.6	97.0	98.7	99.4	99.4	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 400	35.7	91.6	97.0	98.7	99.5	99.5	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 300	35.7	91.6	97.0	98.7	99.4	99.4	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 200	35.7	91.6	97.0	98.7	99.5	99.5	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 100	35.7	91.6	97.0	98.7	99.4	99.4	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 0	35.7	91.6	97.0	98.7	99.5	99.5	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	17.1	47.1	49.3	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 20000	24.0	66.1	69.1	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 18000	24.3	66.5	69.5	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 16000	24.6	66.6	69.6	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 14000	25.0	67.2	70.3	72.1	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 12000	27.2	70.8	74.2	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 10000	28.9	77.0	80.6	82.5	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 9000	29.1	77.5	81.3	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 8000	30.3	81.2	85.4	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 7000	30.7	81.9	86.1	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 6000	30.7	82.3	86.5	88.6	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 5000	31.1	83.4	87.6	89.7	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4500	31.5	84.4	88.6	91.0	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 4000	31.5	85.2	89.6	92.0	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 3500	31.6	87.0	91.9	94.4	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000	31.6	89.2	94.4	97.1	97.6	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2500	31.6	89.4	94.5	97.2	97.7	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	31.6	90.0	95.1	98.0	98.5	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	31.6	90.2	95.3	98.2	98.7	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	31.6	90.4	95.6	98.6	99.0	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	31.6	90.4	95.6	98.7	99.2	99.3	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	31.6	90.4	95.6	98.7	99.2	99.3	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	31.6	90.4	95.6	98.7	99.2	99.3	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	31.6	90.4	95.6	98.7	99.2	99.3	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	31.6	90.4	95.6	98.7	99.2	99.3	99.4	99.4	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8
≥ 600	31.6	90.4	95.6	98.8	99.3	99.5	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	31.6	90.4	95.6	98.8	99.4	99.6	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	31.6	90.4	95.6	98.9	99.4	99.6	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	31.6	90.4	95.6	98.9	99.4	99.6	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	31.6	90.4	95.6	98.9	99.4	99.6	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	31.6	90.4	95.6	98.9	99.4	99.6	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	31.6	90.4	95.6	98.9	99.4	99.6	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 836

USAF ETAC FORM AM 88 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) ANN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOUR (L.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	23.3	59.1	60.4	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
≥ 20000	25.9	73.7	75.8	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 18000	25.9	73.7	75.8	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 16000	26.1	73.9	76.0	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 14000	26.5	74.2	76.6	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 12000	27.0	75.3	77.6	81.2	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 10000	28.2	79.4	81.7	85.3	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 9000	28.2	79.4	81.9	85.4	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 8000	29.5	83.7	86.3	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 7000	29.8	84.0	86.7	90.2	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 6000	29.8	84.2	86.9	90.4	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 5000	30.2	85.6	88.5	92.0	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4500	30.4	86.3	89.0	92.5	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4000	30.6	87.6	90.6	94.3	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3500	30.7	88.3	91.7	95.4	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3000	31.1	89.6	93.1	97.0	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2500	31.1	89.9	93.3	97.0	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2000	31.1	90.6	94.1	98.0	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	31.1	90.6	94.1	98.0	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	31.1	90.9	94.5	98.2	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	31.1	90.9	94.5	98.2	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	31.1	91.1	94.7	98.4	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	31.1	91.1	94.7	98.4	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	31.1	91.1	95.0	98.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	31.1	91.1	95.0	98.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	31.1	91.3	95.2	98.9	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	31.1	91.3	95.2	98.9	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	31.1	91.3	95.2	98.9	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	31.1	91.3	95.2	98.9	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	31.1	91.3	95.2	98.9	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	31.1	91.3	95.2	98.9	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	31.1	91.3	95.2	98.9	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 561

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥0	≥0
NO CEILING	16.4	49.9	53.8	56.7	58.1	58.6	58.9	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 20000	20.1	60.9	65.3	68.7	70.3	70.8	71.2	71.5	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7
≥ 18000	20.2	61.0	65.5	68.8	70.4	71.0	71.4	71.7	71.7	71.8	71.8	71.8	71.8	71.9	71.9	71.9
≥ 16000	20.2	61.1	65.5	68.9	70.5	71.1	71.5	71.8	71.8	71.9	71.9	71.9	71.9	72.0	72.0	72.0
≥ 14000	20.6	61.8	66.3	69.7	71.3	71.9	72.3	72.6	72.6	72.7	72.7	72.7	72.7	72.8	72.8	72.8
≥ 12000	21.7	64.0	68.6	72.1	73.8	74.4	74.8	75.1	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3
≥ 10000	22.8	68.3	73.1	76.7	78.4	79.1	79.5	79.8	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0
≥ 9000	23.0	68.8	73.7	77.4	79.0	79.7	80.1	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.7	80.7
≥ 8000	23.7	71.4	76.6	80.4	82.1	82.8	83.2	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.8	83.8
≥ 7000	23.8	71.7	77.0	80.8	82.5	83.2	83.6	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.2	84.2
≥ 6000	23.9	72.1	77.4	81.2	82.9	83.6	84.0	84.4	84.4	84.5	84.5	84.5	84.5	84.6	84.6	84.6
≥ 5000	24.1	72.9	78.2	82.0	83.8	84.5	84.9	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.5	85.5
≥ 4500	24.2	73.4	78.7	82.6	84.4	85.1	85.5	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.1	86.1
≥ 4000	24.5	74.4	79.8	83.7	85.5	86.2	86.7	87.0	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2
≥ 3500	24.8	76.4	82.0	86.0	87.8	88.5	89.0	89.3	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5
≥ 3000	25.4	78.5	84.3	88.3	90.3	91.0	91.5	91.8	91.9	92.0	92.0	92.0	92.0	92.1	92.1	92.1
≥ 2500	25.9	79.0	84.8	88.9	90.9	91.7	92.1	92.5	92.5	92.6	92.7	92.7	92.7	92.7	92.8	92.8
≥ 2000	25.9	80.0	86.0	90.2	92.3	93.1	93.5	93.9	94.0	94.1	94.1	94.1	94.1	94.2	94.2	94.2
≥ 1800	25.9	80.2	86.2	90.5	92.6	93.3	93.8	94.2	94.3	94.4	94.4	94.4	94.4	94.5	94.5	94.5
≥ 1500	25.8	80.8	86.9	91.4	93.5	94.3	94.8	95.1	95.2	95.3	95.4	95.4	95.4	95.4	95.5	95.5
≥ 1200	25.9	81.5	87.8	92.4	94.5	95.3	95.9	96.2	96.3	96.4	96.5	96.5	96.5	96.5	96.6	96.6
≥ 1000	25.9	82.0	88.4	93.2	95.4	96.2	96.7	97.1	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.4
≥ 900	25.9	82.2	88.8	93.6	95.8	96.7	97.2	97.6	97.7	97.8	97.8	97.8	97.9	97.9	98.0	98.0
≥ 800	26.0	82.8	89.2	94.1	96.3	97.2	97.8	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.5	98.5
≥ 700	26.0	82.9	89.2	94.3	96.5	97.4	98.0	98.3	98.4	98.5	98.6	98.6	98.6	98.7	98.7	98.7
≥ 600	26.0	82.9	89.4	94.6	96.8	97.8	98.3	98.7	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.1
≥ 500	26.0	82.7	89.6	94.8	97.1	98.1	98.7	99.0	99.1	99.3	99.3	99.3	99.3	99.4	99.5	99.5
≥ 400	26.0	82.7	89.7	94.9	97.3	98.2	98.9	99.2	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 300	26.0	82.7	89.7	94.9	97.3	98.3	98.9	99.3	99.4	99.6	99.7	99.7	99.7	99.8	99.9	99.9
≥ 200	26.0	82.7	89.7	94.9	97.3	98.3	99.0	99.4	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	26.0	82.7	89.7	94.9	97.3	98.3	99.0	99.4	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	26.0	82.7	89.7	94.9	97.3	98.3	99.0	99.4	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 8895

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 74,76,78-81 (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	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	2.4	28.8	40.8	47.2	48.8	52.0	56.8	58.4	58.4	60.0	60.0	60.8	60.8	60.8	60.8	60.8
≥ 20000	2.4	30.4	42.4	48.8	50.4	53.6	58.4	60.0	60.0	61.6	61.6	62.4	62.4	62.4	62.4	62.4
≥ 18000	2.4	30.4	42.4	48.8	50.4	53.6	58.4	60.0	60.0	61.6	61.6	62.4	62.4	62.4	62.4	62.4
≥ 16000	2.4	30.4	42.4	48.8	50.4	53.6	58.4	60.0	60.0	61.6	62.4	63.2	63.2	63.2	63.2	63.2
≥ 14000	2.4	30.4	42.4	48.8	50.4	53.6	58.4	60.8	60.8	62.4	62.4	63.2	63.2	63.2	63.2	63.2
≥ 12000	2.4	31.2	43.2	50.4	52.0	55.2	60.0	62.4	62.4	64.0	64.0	64.8	64.8	64.8	64.8	64.8
≥ 10000	2.4	34.4	46.4	55.2	57.6	60.8	65.6	68.0	68.0	69.6	69.6	70.4	70.4	70.4	70.4	70.4
≥ 9000	2.4	34.4	46.4	55.2	57.6	60.8	65.6	68.0	68.0	69.6	69.6	70.4	70.4	70.4	70.4	70.4
≥ 8000	2.4	36.8	49.6	58.4	60.8	64.0	68.8	72.0	72.0	73.6	73.6	74.4	74.4	74.4	74.4	74.4
≥ 7000	2.4	36.8	49.6	58.4	60.8	64.0	68.8	72.0	72.0	73.6	73.6	74.4	74.4	74.4	74.4	74.4
≥ 6000	2.4	37.6	50.4	59.2	61.6	64.8	69.6	72.8	72.8	74.4	74.4	75.2	75.2	75.2	75.2	75.2
≥ 5000	2.4	37.6	50.4	59.2	61.6	64.8	69.6	72.8	72.8	74.4	74.4	75.2	75.2	75.2	75.2	75.2
≥ 4500	2.4	37.6	50.4	59.2	61.6	64.8	69.6	72.8	72.8	74.4	74.4	75.2	75.2	75.2	75.2	75.2
≥ 4000	2.4	37.6	50.4	59.2	61.6	64.8	69.6	72.8	72.8	74.4	74.4	75.2	75.2	75.2	75.2	75.2
≥ 3500	2.4	38.4	52.0	60.8	63.2	66.4	71.2	74.4	74.4	76.0	76.0	76.8	76.8	76.8	76.8	76.8
≥ 3000	2.4	40.8	54.4	63.2	66.4	69.6	74.4	77.6	77.6	79.2	79.2	80.0	80.0	80.0	80.0	80.0
≥ 2500	2.4	40.8	56.0	64.8	68.0	71.2	76.0	79.2	79.2	80.8	80.8	81.6	81.6	81.6	81.6	81.6
≥ 2000	2.4	40.8	56.0	64.8	68.0	71.2	76.0	79.2	79.2	80.8	80.8	81.6	81.6	81.6	81.6	81.6
≥ 1800	2.4	41.6	56.8	65.6	68.8	72.0	76.8	80.0	80.0	81.6	81.6	82.4	82.4	82.4	82.4	82.4
≥ 1500	3.2	44.0	60.0	68.8	73.6	76.8	81.6	84.8	84.8	86.4	86.4	87.2	87.2	87.2	87.2	87.2
≥ 1200	4.0	44.8	60.8	70.4	76.0	79.2	84.0	87.2	87.2	88.8	88.8	89.6	89.6	89.6	89.6	89.6
≥ 1000	4.0	45.6	62.4	72.0	77.6	81.6	86.4	89.6	89.6	91.2	91.2	92.0	92.0	92.0	92.0	92.0
≥ 900	4.0	45.6	62.4	72.0	78.4	82.4	87.2	90.4	90.4	92.0	92.0	92.8	92.8	92.8	92.8	92.8
≥ 800	4.0	45.6	62.4	72.0	79.2	83.2	88.0	91.2	91.2	92.8	92.8	93.6	93.6	93.6	93.6	93.6
≥ 700	4.0	46.4	63.2	72.0	80.0	84.0	88.8	92.0	92.0	93.6	93.6	94.4	94.4	94.4	94.4	94.4
≥ 600	4.0	46.4	63.2	72.0	80.0	84.0	88.8	92.0	92.0	93.6	93.6	94.4	94.4	94.4	94.4	94.4
≥ 500	4.0	46.4	64.8	75.2	82.4	86.4	91.2	95.2	95.2	96.8	96.8	97.6	97.6	97.6	97.6	97.6
≥ 400	4.0	46.4	64.8	75.2	83.2	87.2	92.0	96.0	96.0	97.6	97.6	98.4	98.4	98.4	98.4	98.4
≥ 300	4.0	46.4	64.8	75.2	83.2	87.2	92.0	96.0	96.0	97.6	97.6	98.4	98.4	98.4	98.4	98.4
≥ 200	4.0	46.4	64.8	75.2	83.2	87.2	92.0	96.0	96.0	97.6	97.6	98.4	98.4	98.4	99.2	100.0
≥ 100	4.0	46.4	64.8	75.2	83.2	87.2	92.0	96.0	96.0	97.6	97.6	98.4	98.4	98.4	99.2	100.0
0	4.0	46.4	64.8	75.2	83.2	87.2	92.0	96.0	96.0	97.6	97.6	98.4	98.4	98.4	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 125

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOUR, LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	5.1	27.6	33.5	39.1	43.1	44.8	46.2	47.3	47.6	48.0	48.0	48.0	48.4	48.4	48.4	48.6
≥ 20000	6.1	30.5	36.6	42.8	47.5	49.4	51.0	52.2	52.6	53.0	53.0	53.0	53.3	53.3	53.3	53.7
≥ 18000	6.1	30.7	36.9	43.1	47.8	49.6	51.2	52.5	52.8	53.2	53.2	53.2	53.6	53.6	53.6	54.0
≥ 16000	6.1	30.8	37.1	43.3	48.0	49.9	51.5	52.7	53.1	53.5	53.5	53.5	53.8	53.8	53.8	54.2
≥ 14000	6.1	31.3	37.6	44.1	48.9	50.7	52.4	53.6	54.0	54.3	54.3	54.3	54.7	54.7	54.7	55.1
≥ 12000	6.2	33.2	39.7	46.4	51.8	53.2	55.0	56.2	56.6	57.1	57.1	57.1	57.4	57.4	57.4	57.8
≥ 10000	6.3	34.0	41.5	48.6	53.7	55.8	57.7	59.2	59.7	60.1	60.1	60.3	60.8	60.8	60.8	61.1
≥ 9000	6.3	34.3	41.8	49.0	54.3	56.4	58.5	60.1	60.6	61.1	61.1	61.3	61.8	61.8	61.8	62.1
≥ 8000	6.3	36.1	45.0	52.5	57.8	60.6	62.6	64.2	64.9	65.5	65.5	65.6	66.2	66.2	66.2	66.6
≥ 7000	6.3	36.4	45.5	53.1	58.7	61.5	63.5	65.1	65.7	66.3	66.3	66.5	67.1	67.1	67.1	67.5
≥ 6000	6.3	37.2	46.7	54.5	60.1	63.0	65.0	66.7	67.3	67.9	67.9	68.1	68.7	68.7	68.7	69.1
≥ 5000	6.3	37.5	47.4	55.2	60.9	63.7	65.7	67.5	68.1	68.7	68.7	68.8	69.4	69.4	69.4	69.8
≥ 4500	6.3	37.5	47.4	55.4	61.3	64.1	66.1	67.8	68.4	69.1	69.1	69.2	69.8	69.8	69.8	70.2
≥ 4000	6.3	37.7	48.1	56.2	62.0	64.9	66.8	68.6	69.2	69.8	69.8	69.9	70.5	70.5	70.5	70.9
≥ 3500	6.3	38.1	48.5	56.8	62.9	65.7	67.8	69.6	70.2	70.8	70.8	70.9	71.5	71.5	71.5	71.9
≥ 3000	6.6	39.2	49.8	58.0	64.2	67.1	69.3	71.0	71.7	72.3	72.3	72.4	73.0	73.0	73.0	73.4
≥ 2500	6.9	40.7	51.4	59.9	66.1	68.9	71.2	72.9	73.5	74.1	74.1	74.3	74.9	75.0	75.0	75.4
≥ 2000	7.5	42.6	53.2	61.8	67.9	70.6	73.0	74.8	75.4	76.0	76.0	76.1	76.7	76.9	76.9	77.2
≥ 1800	7.9	43.2	53.8	62.4	68.6	71.4	73.6	75.4	76.0	76.6	76.6	76.7	77.4	77.5	77.5	77.8
≥ 1500	8.2	45.9	56.7	65.3	71.8	74.8	76.7	78.5	79.1	79.7	79.7	79.8	80.4	80.6	80.6	80.9
≥ 1200	8.7	47.6	58.5	67.3	73.5	76.4	78.8	80.6	81.2	81.8	81.8	81.9	82.5	82.7	82.7	83.0
≥ 1000	8.9	49.9	61.3	70.2	76.6	79.5	81.9	83.8	84.7	85.3	85.3	85.4	86.0	86.1	86.1	86.5
≥ 900	8.9	51.0	62.6	71.9	78.5	81.3	83.8	86.0	86.8	87.4	87.4	87.5	88.1	88.2	88.2	88.6
≥ 800	9.0	51.5	63.4	72.9	79.5	82.3	84.8	87.0	87.7	88.4	88.5	88.6	89.2	89.4	89.4	89.7
≥ 700	9.0	52.0	64.2	74.4	80.9	84.0	86.5	88.7	89.5	90.1	90.2	90.3	91.0	91.1	91.1	91.5
≥ 600	9.0	52.5	64.7	75.0	81.5	85.1	87.7	90.1	90.8	91.5	91.6	91.7	92.3	92.5	92.5	92.8
≥ 500	9.0	52.8	65.4	76.5	83.9	87.3	90.2	92.8	93.7	94.3	94.4	94.6	95.2	95.3	95.3	95.7
≥ 400	9.0	52.8	65.6	76.7	84.2	87.7	91.2	93.8	95.3	95.9	96.2	96.3	97.0	97.2	97.2	97.8
≥ 300	9.0	52.8	65.6	76.7	84.3	87.9	91.3	94.9	95.9	96.7	97.0	97.2	98.3	98.4	98.4	99.1
≥ 200	9.0	52.8	65.6	76.7	84.3	87.9	91.3	94.9	95.9	96.7	97.2	97.3	98.4	98.6	98.9	99.9
≥ 100	9.0	52.8	65.6	76.7	84.3	87.9	91.3	94.9	95.9	96.7	97.2	97.3	98.4	98.6	98.9	100.0
≥ 0	9.0	52.8	65.6	76.7	84.3	87.9	91.3	94.9	95.9	96.7	97.2	97.3	98.4	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 806

USAF ETAC FORM AM 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	11.1	43.4	46.5	48.5	49.2	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 20000	13.1	48.6	51.9	54.1	54.9	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 18000	13.2	48.9	52.4	54.6	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 16000	13.2	49.6	53.2	55.5	56.2	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 14000	13.3	49.8	53.5	56.0	56.7	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 12000	13.7	51.9	56.0	58.5	59.2	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 10000	14.5	55.6	60.4	63.2	64.4	64.6	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 9000	14.6	56.4	61.3	64.0	65.4	65.6	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 8000	15.2	58.1	63.7	66.5	67.9	68.1	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 7000	15.2	58.2	63.9	66.7	68.1	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 6000	15.3	58.8	64.8	67.6	69.0	69.2	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 5000	15.3	59.2	65.4	68.2	69.6	69.8	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 4500	15.6	59.6	66.3	69.2	70.6	70.8	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 4000	15.6	60.4	67.5	70.6	71.9	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 3500	16.6	61.3	68.2	71.4	72.8	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3000	17.1	62.9	69.8	73.1	74.6	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 2500	17.6	65.5	72.8	76.1	77.5	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 2000	18.8	68.5	75.9	79.4	80.7	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 1800	19.0	69.2	76.6	80.2	81.6	81.8	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 1500	19.5	73.8	81.6	85.2	86.7	86.9	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1200	20.0	76.5	85.2	89.2	91.0	91.2	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1000	20.8	78.4	87.6	91.6	93.6	94.2	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900	20.8	78.9	88.3	92.5	95.1	95.4	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	20.8	78.9	88.5	92.8	95.6	95.9	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	21.0	79.1	88.9	93.2	95.9	96.3	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	21.1	79.5	89.5	94.1	96.9	97.4	98.4	98.6	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8
≥ 500	21.1	79.6	89.7	94.3	97.4	97.9	98.9	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 400	21.1	79.6	89.7	94.4	97.7	98.3	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	21.1	79.6	89.7	94.4	97.7	98.3	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	21.1	79.6	89.7	94.4	97.7	98.3	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	21.1	79.6	89.7	94.4	97.7	98.3	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	21.1	79.6	89.7	94.4	97.7	98.3	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 809

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (L))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	17.4	46.5	48.5	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 20000	20.0	54.6	56.5	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 18000	20.0	54.4	56.7	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
≥ 16000	20.0	54.9	57.2	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 14000	20.7	56.3	59.0	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 12000	22.1	59.1	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 10000	23.3	63.7	66.4	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 9000	24.0	64.7	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 8000	24.6	69.0	72.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 7000	25.1	70.0	73.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 6000	25.7	70.6	74.0	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
≥ 5000	25.8	70.9	74.2	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4500	25.8	71.4	74.7	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
≥ 4000	26.2	73.6	77.4	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3500	27.0	77.4	81.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3000	28.5	82.3	85.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2500	29.9	84.7	88.4	89.4	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2000	31.0	87.7	91.6	92.6	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800	31.0	88.4	92.5	93.5	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500	31.2	89.4	93.6	94.7	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1200	31.6	90.0	94.3	95.7	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000	31.7	90.5	94.9	96.4	97.0	97.2	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 900	32.0	91.0	95.4	96.9	97.5	97.6	97.8	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	32.1	91.4	95.8	97.4	98.0	98.2	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	32.1	91.4	95.8	97.4	98.0	98.2	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	32.1	91.4	95.8	97.4	98.0	98.2	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	32.1	91.5	96.0	97.7	99.0	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	32.1	91.5	96.0	97.7	99.0	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	32.1	91.5	96.0	97.7	99.0	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	32.1	91.5	96.0	97.7	99.0	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	32.1	91.5	96.0	97.7	99.0	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	32.1	91.5	96.0	97.7	99.0	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	21.2	49.8	51.4	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 20000	26.7	60.9	62.3	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	26.9	60.5	62.4	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
≥ 16000	26.9	60.5	62.4	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
≥ 14000	27.0	62.0	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 12000	28.1	65.5	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 10000	29.6	70.4	72.5	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 9000	30.0	71.3	73.5	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 8000	30.4	77.2	79.8	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 7000	30.8	78.0	80.6	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 6000	30.9	78.5	81.1	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 5000	31.1	79.5	82.2	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4500	31.4	80.1	82.8	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 4000	32.2	81.8	84.5	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3500	32.8	83.3	86.1	87.0	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3000	33.6	86.6	89.7	90.7	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2500	34.8	88.4	91.5	92.7	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2000	35.0	89.2	92.4	93.9	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1800	35.0	89.4	92.7	94.1	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1500	35.4	90.0	93.3	94.7	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200	35.6	90.6	94.1	95.5	96.4	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	35.8	91.2	94.7	96.2	97.0	97.2	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	35.9	91.6	95.0	96.5	97.4	97.5	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	35.9	91.7	95.2	96.7	97.6	98.0	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	35.9	91.7	95.2	96.7	97.6	98.0	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	35.9	91.8	95.6	96.9	98.0	98.5	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	35.9	91.8	95.7	97.3	98.5	99.0	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	35.9	91.8	95.7	97.3	98.5	99.0	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	35.9	91.8	95.7	97.3	98.5	99.0	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	35.9	91.8	95.7	97.3	98.5	99.0	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	35.9	91.8	95.7	97.3	98.5	99.0	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
0	35.9	91.8	95.7	97.3	98.5	99.0	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 808

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS, LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	17.1	51.5	54.5	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 20000	20.6	61.2	64.5	65.1	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	20.6	61.3	64.6	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 16000	20.6	61.3	64.6	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 14000	20.8	62.2	65.5	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 12000	22.5	66.3	69.7	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
≥ 10000	23.6	71.1	75.2	76.0	76.4	76.4	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 9000	24.0	72.3	76.5	77.4	77.8	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 8000	24.6	76.8	81.0	82.1	82.4	82.4	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 7000	25.2	77.5	81.7	82.8	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 6000	25.6	78.5	82.7	83.8	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 5000	26.1	79.6	83.8	84.9	85.3	85.3	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 4500	26.3	80.1	84.3	85.4	85.8	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4000	26.7	80.8	85.0	86.2	86.5	86.5	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3500	27.4	82.6	86.8	88.0	88.4	88.4	88.6	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3000	27.7	84.2	88.5	89.7	90.2	90.2	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2500	27.8	85.0	89.4	90.6	91.1	91.1	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2000	27.9	86.7	91.2	92.8	93.3	93.3	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800	27.9	86.9	91.5	93.1	93.7	93.7	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	28.3	87.8	92.3	93.9	94.6	94.6	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1200	28.4	88.3	93.0	94.7	95.3	95.3	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	28.4	88.6	93.4	95.3	95.9	95.9	96.4	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	28.4	88.8	93.7	95.7	96.3	96.3	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	28.4	88.8	93.9	95.9	96.5	96.5	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	28.4	88.9	94.1	96.0	96.6	96.6	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	28.4	89.1	94.4	96.4	97.1	97.1	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	28.7	89.4	94.8	97.2	98.0	98.0	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	28.7	89.5	94.9	97.3	98.1	98.1	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	28.7	89.5	94.9	97.3	98.1	98.1	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	28.7	89.5	94.9	97.3	98.1	98.1	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	28.7	89.5	94.9	97.3	98.1	98.1	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	28.7	89.5	94.9	97.3	98.1	98.1	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 809

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS : L)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥0
NO CEILING	18.0	57.9	61.4	61.4	62.1	62.1	62.1	62.1	62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3
≥ 20000	20.2	66.4	70.2	70.4	71.1	71.1	71.1	71.1	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3
≥ 18000	20.2	66.4	70.2	70.4	71.1	71.1	71.1	71.1	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3
≥ 16000	20.2	66.5	70.4	70.6	71.3	71.3	71.3	71.3	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5
≥ 14000	20.2	67.1	71.3	71.5	72.2	72.2	72.2	72.2	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4
≥ 12000	21.1	69.9	74.1	74.3	75.0	75.0	75.0	75.0	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2
≥ 10000	21.7	74.3	78.9	79.0	80.3	80.3	80.3	80.3	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5
≥ 9000	21.9	75.4	80.0	80.1	81.4	81.4	81.4	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6
≥ 8000	22.8	78.5	83.1	83.6	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1
≥ 7000	22.8	78.5	83.1	83.6	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1
≥ 6000	23.2	79.2	83.8	84.4	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8
≥ 5000	23.9	80.7	85.3	86.0	87.3	87.3	87.3	87.3	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5
≥ 4500	23.9	81.1	85.7	86.4	87.7	87.7	87.7	87.7	87.7	87.7	87.9	87.9	87.9	87.9	87.9	87.9
≥ 4000	24.3	81.6	86.2	86.9	88.2	88.2	88.2	88.2	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3500	24.3	82.7	87.5	88.4	89.9	90.1	90.1	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	24.6	83.3	88.1	89.0	90.4	90.6	90.6	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2500	24.8	84.0	88.8	89.7	91.2	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5
≥ 2000	24.8	85.3	90.4	91.5	93.0	93.2	93.2	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1800	24.8	85.3	90.6	91.7	93.2	93.4	93.4	93.6	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	25.2	85.7	91.4	92.5	94.3	94.5	94.5	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1200	25.2	86.0	91.7	92.8	94.7	94.9	94.9	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	25.2	87.3	93.0	94.1	96.0	96.1	96.1	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	25.2	87.7	93.6	94.7	96.9	97.1	97.1	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	25.2	88.2	94.1	95.2	97.6	97.8	98.0	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	25.2	88.2	94.1	95.2	97.6	97.8	98.2	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	25.2	88.2	94.3	95.4	97.8	98.0	98.3	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	25.6	88.6	94.7	96.0	98.5	98.7	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	25.6	88.6	94.7	96.0	98.5	98.7	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	25.6	88.6	94.7	96.0	98.5	98.7	99.1	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	25.6	88.6	94.7	96.0	98.5	98.7	99.1	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	25.6	88.6	94.7	96.0	98.5	98.7	99.1	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	25.6	88.6	94.7	96.0	98.5	98.7	99.1	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 594

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥0	0
NO CEILING	14.5	45.0	48.3	50.1	51.1	51.5	51.8	52.1	52.1	52.2	52.3	52.3	52.4	52.4	52.4	52.4
≥ 20000	17.2	52.2	55.8	57.8	58.9	59.3	59.7	60.0	60.0	60.2	60.2	60.2	60.3	60.3	60.3	60.3
≥ 18000	17.3	52.3	56.0	58.0	59.1	59.5	59.9	60.2	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.5
≥ 16000	17.3	52.6	56.3	58.3	59.4	59.8	60.2	60.5	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.8
≥ 14000	17.5	53.4	57.3	59.3	60.5	60.9	61.3	61.6	61.7	61.8	61.8	61.8	61.9	61.9	61.9	61.9
≥ 12000	18.4	56.2	60.2	62.3	63.5	63.9	64.3	64.6	64.7	64.8	64.8	64.9	64.9	64.9	64.9	65.0
≥ 10000	19.2	60.0	64.5	66.9	68.2	68.7	69.2	69.5	69.6	69.8	69.8	69.8	69.9	69.9	69.9	70.0
≥ 9000	19.6	60.9	65.4	67.8	69.2	69.7	70.2	70.6	70.6	70.8	70.8	70.9	70.9	70.9	70.9	71.0
≥ 8000	20.0	64.5	69.5	72.1	73.5	74.1	74.6	75.0	75.1	75.3	75.3	75.3	75.4	75.4	75.4	75.5
≥ 7000	20.3	64.9	70.1	72.6	74.1	74.7	75.2	75.6	75.7	75.9	75.9	75.9	76.0	76.0	76.0	76.1
≥ 6000	20.5	65.6	70.9	73.5	75.0	75.6	76.1	76.5	76.6	76.8	76.8	76.8	76.9	76.9	76.9	77.0
≥ 5000	20.8	66.3	71.7	74.3	75.8	76.4	76.9	77.3	77.4	77.6	77.6	77.7	77.8	77.8	77.8	77.9
≥ 4500	20.9	66.7	72.2	74.9	76.4	77.0	77.5	77.9	78.0	78.2	78.2	78.2	78.3	78.3	78.3	78.4
≥ 4000	21.2	67.6	73.5	76.2	77.7	78.3	78.8	79.2	79.3	79.5	79.5	79.6	79.7	79.7	79.7	79.8
≥ 3500	21.7	69.4	75.1	77.9	79.5	80.2	80.7	81.1	81.2	81.4	81.4	81.5	81.6	81.6	81.6	81.6
≥ 3000	22.6	71.6	77.6	80.3	82.0	82.7	83.3	83.7	83.8	84.0	84.0	84.0	84.1	84.1	84.1	84.2
≥ 2500	23.0	73.3	79.2	82.2	83.9	84.6	85.2	85.6	85.7	85.9	85.9	85.9	86.0	86.1	86.1	86.1
≥ 2000	23.5	75.2	81.3	84.4	86.2	86.9	87.5	87.9	88.0	88.2	88.2	88.2	88.3	88.4	88.4	88.4
≥ 1800	23.7	75.6	81.8	84.9	86.8	87.4	88.1	88.5	88.6	88.8	88.8	88.8	88.9	89.0	89.0	89.0
≥ 1500	24.0	77.4	83.6	87.0	89.0	89.6	90.4	90.8	90.9	91.1	91.1	91.1	91.2	91.3	91.3	91.3
≥ 1200	24.3	78.6	85.2	88.5	90.6	91.3	92.1	92.6	92.7	92.8	92.9	92.9	93.0	93.0	93.0	93.1
≥ 1000	24.5	79.3	86.1	90.0	92.2	92.9	93.7	94.3	94.4	94.6	94.6	94.6	94.7	94.8	94.8	94.8
≥ 900	24.6	80.2	87.1	90.7	93.0	93.7	94.6	95.2	95.4	95.5	95.6	95.6	95.7	95.8	95.8	95.8
≥ 800	24.7	80.4	87.5	91.1	93.7	94.4	95.3	95.9	96.1	96.2	96.3	96.4	96.5	96.5	96.5	96.5
≥ 700	24.7	80.6	87.7	91.5	94.0	94.8	95.8	96.4	96.6	96.8	96.8	96.9	97.0	97.0	97.0	97.1
≥ 600	24.7	80.8	88.1	91.9	94.6	95.5	96.5	97.2	97.4	97.6	97.6	97.7	97.8	97.8	97.8	97.9
≥ 500	24.8	81.0	88.5	92.5	95.5	96.4	97.5	98.2	98.5	98.7	98.7	98.8	98.9	98.9	98.9	99.0
≥ 400	24.8	81.0	88.6	92.6	95.6	96.6	97.6	98.3	98.6	98.8	98.8	98.9	99.0	99.0	99.0	99.1
≥ 300	24.8	81.0	88.6	92.6	95.6	96.6	97.6	98.3	98.6	98.8	98.8	98.9	99.0	99.0	99.0	99.1
≥ 200	24.8	81.0	88.6	92.6	95.6	96.6	97.6	98.3	98.6	98.8	98.8	98.9	99.0	99.0	99.0	99.1
≥ 100	24.8	81.0	88.6	92.6	95.6	96.6	97.6	98.3	98.6	98.8	98.8	98.9	99.0	99.0	99.0	99.1
≥ 0	24.8	81.0	88.6	92.6	95.6	96.6	97.6	98.3	98.6	98.8	98.8	98.9	99.0	99.0	99.0	99.1

TOTAL NUMBER OF OBSERVATIONS 8718

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	≥¼	≥5/16	≥0	≥0
NO CEILING	23.9	58.4	65.5	68.1	68.1	69.9	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	72.6
≥ 20000	24.8	62.8	69.9	72.6	72.6	74.3	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	77.0
≥ 18000	24.8	62.8	69.9	72.6	72.6	74.3	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	77.0
≥ 16000	24.8	62.8	69.9	72.6	72.6	74.3	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	77.0
≥ 14000	24.8	62.8	69.9	72.6	72.6	74.3	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	77.0
≥ 12000	24.8	63.7	70.8	73.5	73.5	75.2	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.9
≥ 10000	24.8	65.5	72.6	75.2	75.2	77.0	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	79.6
≥ 9000	24.8	66.4	73.5	76.1	76.1	77.9	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	80.5
≥ 8000	24.8	66.4	73.5	76.1	76.1	77.9	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	80.5
≥ 7000	24.8	66.4	73.5	76.1	76.1	77.9	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	80.5
≥ 6000	24.8	67.3	74.3	77.0	77.0	78.8	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	81.4
≥ 5000	24.8	69.0	76.1	78.8	78.8	80.5	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	83.2
≥ 4500	24.8	69.9	77.0	80.5	80.5	82.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	85.0
≥ 4000	24.8	70.8	77.9	81.4	81.4	83.2	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.8
≥ 3500	24.8	70.8	77.9	81.4	81.4	83.2	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.8
≥ 3000	24.8	71.7	78.8	82.3	82.3	84.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.7
≥ 2500	25.7	73.5	81.4	85.0	85.0	86.7	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	89.4
≥ 2000	26.5	75.2	84.1	87.6	87.6	90.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.9
≥ 1800	26.5	75.2	84.1	87.6	87.6	90.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.9
≥ 1500	26.5	76.1	85.0	88.5	88.5	91.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.8
≥ 1200	26.5	77.0	85.8	89.4	89.4	92.0	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.7
≥ 1000	26.5	77.9	86.7	90.3	91.2	93.8	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	96.5
≥ 900	26.5	78.8	87.6	91.2	92.0	94.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	97.3
≥ 800	26.5	78.8	87.6	91.2	92.0	94.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	97.3
≥ 700	26.5	78.8	87.6	91.2	92.0	94.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	97.3
≥ 600	26.5	78.8	87.6	91.2	92.9	95.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	98.2
≥ 500	26.5	78.8	87.6	91.2	92.9	95.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	98.2
≥ 400	26.5	78.8	87.6	91.2	92.9	95.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	98.2
≥ 300	26.5	78.8	87.6	91.2	92.9	95.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	98.2
≥ 200	26.5	78.8	87.6	91.2	92.9	95.6	97.3	97.3	97.3	97.3	98.2	98.2	98.2	98.2	98.2	99.1
≥ 100	26.5	78.8	87.6	91.2	92.9	95.6	97.3	97.3	97.3	97.3	98.2	98.2	98.2	99.1	99.1	100.0
≥ 0	26.5	78.8	87.6	91.2	92.9	95.6	97.3	97.3	97.3	97.3	98.2	98.2	98.2	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 113

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOUR LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	16.4	47.2	53.2	56.4	60.9	63.1	65.0	66.6	66.9	67.4	67.7	67.7	68.5	68.5	68.5	68.6
≥ 20000	16.7	49.5	55.9	59.3	63.8	66.1	68.5	70.0	70.3	70.8	71.1	71.1	72.0	72.0	72.0	72.1
≥ 18000	17.0	49.9	56.2	59.8	64.4	66.7	69.1	70.7	70.9	71.4	71.8	71.8	72.6	72.6	72.6	72.7
≥ 16000	17.0	49.9	56.2	59.8	64.4	66.7	69.1	70.7	70.9	71.4	71.8	71.8	72.6	72.6	72.6	72.7
≥ 14000	17.1	50.0	56.4	59.9	64.5	66.9	69.2	70.8	71.0	71.5	71.9	71.9	72.7	72.7	72.7	72.9
≥ 12000	17.2	50.7	57.2	60.8	65.4	67.7	70.0	71.6	71.9	72.4	72.7	72.7	73.6	73.6	73.6	73.7
≥ 10000	17.5	52.0	58.4	62.1	66.9	69.2	71.5	73.1	73.3	73.8	74.2	74.2	75.1	75.1	75.1	75.2
≥ 9000	17.5	52.2	59.0	62.7	67.5	69.8	72.1	73.7	74.0	74.4	74.8	74.8	75.7	75.7	75.7	75.8
≥ 8000	17.8	53.9	60.9	64.5	69.6	72.0	74.3	76.0	76.3	76.8	77.1	77.1	78.0	78.0	78.0	78.1
≥ 7000	18.0	54.0	61.0	64.7	69.7	72.1	74.4	76.2	76.4	76.9	77.3	77.3	78.1	78.1	78.1	78.2
≥ 6000	18.2	55.1	62.1	65.9	71.1	73.6	75.9	77.8	78.0	78.5	78.9	78.9	79.7	79.7	79.7	79.8
≥ 5000	18.5	56.0	63.1	66.9	72.1	74.6	76.9	78.7	79.0	79.5	79.8	79.8	80.7	80.7	80.7	80.8
≥ 4500	18.5	56.1	63.4	67.2	72.5	74.9	77.5	79.3	79.6	80.1	80.4	80.4	81.3	81.3	81.3	81.4
≥ 4000	18.5	56.6	63.9	67.7	73.0	75.4	78.1	80.0	80.2	80.7	81.1	81.1	81.9	81.9	81.9	82.0
≥ 3500	18.5	57.0	64.3	68.1	73.3	75.9	78.5	80.4	80.7	81.2	81.5	81.5	82.4	82.4	82.4	82.5
≥ 3000	18.6	57.5	64.8	68.6	73.8	76.4	79.1	81.1	81.3	81.8	82.2	82.2	83.1	83.1	83.1	83.3
≥ 2500	18.8	58.2	65.9	69.8	75.2	77.8	80.4	82.4	82.6	83.1	83.5	83.5	84.5	84.5	84.5	84.6
≥ 2000	18.9	59.2	67.1	71.1	76.8	79.5	82.2	84.1	84.4	84.8	85.2	85.2	86.2	86.2	86.2	86.3
≥ 1800	18.9	59.7	67.6	71.6	77.3	80.0	82.6	84.6	84.8	85.3	85.7	85.7	86.7	86.7	86.7	86.8
≥ 1500	19.1	60.4	68.9	73.2	79.1	81.8	84.5	86.4	86.7	87.2	87.5	87.5	88.5	88.5	88.5	88.6
≥ 1200	19.3	62.1	70.8	75.2	81.1	83.7	86.6	88.5	88.8	89.2	89.6	89.6	90.6	90.6	90.6	90.7
≥ 1000	19.3	62.8	71.6	76.2	82.2	84.8	87.7	89.6	89.9	90.3	90.7	90.7	91.7	91.7	91.7	91.8
≥ 900	19.4	63.6	72.6	77.0	83.0	85.7	88.5	90.5	90.7	91.2	91.6	91.6	92.5	92.5	92.5	92.7
≥ 800	19.6	64.2	73.5	78.4	84.4	87.0	90.0	92.1	92.3	92.8	93.2	93.2	94.1	94.1	94.1	94.3
≥ 700	19.9	64.5	74.1	79.1	85.1	87.9	90.8	92.9	93.2	93.6	94.0	94.0	95.0	95.0	95.0	95.1
≥ 600	20.0	65.0	74.7	80.0	86.1	88.9	91.9	94.1	94.4	94.9	95.2	95.2	96.3	96.3	96.3	96.5
≥ 500	20.0	65.6	75.3	80.4	86.7	89.6	92.8	95.0	95.2	95.7	96.1	96.1	97.2	97.2	97.2	97.3
≥ 400	20.0	65.6	75.3	80.6	86.9	89.9	93.2	95.5	96.0	96.5	96.8	96.8	98.0	98.0	98.0	98.2
≥ 300	20.0	65.6	75.4	80.7	87.0	90.0	93.4	95.7	96.2	96.7	97.2	97.2	98.5	98.5	98.5	98.8
≥ 200	20.0	65.6	75.4	80.7	87.0	90.0	93.4	95.7	96.2	96.8	97.6	97.7	99.0	99.0	99.0	99.3
≥ 100	20.0	65.6	75.4	80.7	87.0	90.0	93.4	95.7	96.2	96.9	97.7	97.8	99.3	99.4	99.4	99.9
0	20.0	65.6	75.4	80.7	87.0	90.0	93.4	95.7	96.2	96.9	97.7	97.8	99.3	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 818

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0800-1100 (HOURS (L))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	24.3	63.5	66.7	68.1	68.6	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 20000	25.1	67.0	70.3	71.8	72.5	72.9	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 18000	25.8	67.4	70.6	72.2	72.9	73.3	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 16000	25.9	67.7	71.0	72.5	73.3	73.6	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 14000	25.9	67.7	71.0	72.5	73.3	73.6	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 12000	26.1	69.1	72.3	73.9	74.6	74.9	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 10000	26.1	71.0	74.2	75.8	76.5	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 9000	26.3	71.8	74.7	76.3	77.0	77.3	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 8000	26.3	72.8	76.3	77.8	78.5	78.9	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 7000	26.3	73.1	76.6	78.2	78.9	79.3	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 6000	26.3	73.6	77.5	79.1	80.0	80.3	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 5000	26.3	74.2	78.1	79.7	80.6	80.9	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4500	26.5	74.6	78.4	80.1	80.9	81.3	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4000	26.5	75.1	79.1	80.9	81.8	82.1	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3500	26.5	75.7	79.6	81.3	82.1	82.5	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3000	26.7	76.6	80.7	82.6	83.2	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2500	26.9	78.3	82.4	84.1	85.0	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2000	27.0	79.4	83.6	85.3	86.2	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1800	27.1	80.9	84.7	86.3	87.3	87.6	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1500	27.3	82.3	86.5	88.2	89.2	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1200	27.5	83.2	87.4	89.2	90.5	91.2	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1000	28.1	84.5	89.2	91.1	92.6	93.3	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 900	28.1	85.3	89.9	92.1	93.5	94.4	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 800	28.1	86.0	91.0	93.5	95.3	95.9	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	28.1	86.6	92.2	94.6	96.4	97.2	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	28.1	86.9	92.7	95.3	96.9	97.8	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	28.1	87.1	92.8	95.4	97.1	98.2	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	28.1	87.3	93.2	95.8	97.5	98.6	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	28.1	87.3	93.2	95.8	97.5	98.6	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	28.1	87.3	93.2	95.8	97.5	98.6	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	28.1	87.3	93.2	95.8	97.5	98.6	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	28.1	87.3	93.2	95.8	97.5	98.6	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 434

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	39.7	69.2	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	41.6	76.1	76.6	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
≥ 18000	41.7	76.3	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 16000	41.8	76.4	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 14000	42.1	76.9	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	77.5
≥ 12000	42.1	77.5	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
≥ 10000	42.4	80.4	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	81.0
≥ 9000	42.5	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	81.5	81.5
≥ 8000	42.7	82.2	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 7000	42.7	82.8	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	83.5
≥ 6000	42.7	83.9	84.4	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
≥ 5000	42.8	84.6	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	85.3
≥ 4500	43.4	85.9	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4000	43.4	86.7	87.1	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3500	43.4	87.3	87.7	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3000	43.5	88.2	88.6	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2500	43.6	88.9	89.5	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2000	44.2	90.5	91.2	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1800	44.4	91.0	91.7	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1500	44.5	92.2	93.0	93.5	93.6	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	45.0	93.8	94.7	95.4	95.8	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	45.0	95.0	96.3	97.4	97.8	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	45.0	95.4	96.8	98.0	98.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	45.0	95.6	96.9	98.2	98.7	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	45.0	95.6	97.1	98.3	99.0	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	45.0	95.6	97.1	98.3	99.0	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	45.0	95.6	97.1	98.4	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	45.0	95.6	97.1	98.4	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	45.0	95.6	97.1	98.4	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	45.0	95.6	97.1	98.4	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	45.0	95.6	97.1	98.4	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	45.0	95.6	97.1	98.4	99.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 832

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOUR LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	45.6	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 20000	48.3	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	78.8	78.8
≥ 18000	48.6	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	78.8	78.8
≥ 16000	48.6	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	78.8	78.8
≥ 14000	48.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 12000	49.3	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	80.2	80.2
≥ 10000	50.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 9000	50.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 8000	50.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 7000	50.6	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 6000	51.1	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 5000	51.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 4500	51.4	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	88.2	88.2
≥ 4000	51.4	89.3	89.4	89.4	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	51.4	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3000	51.4	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2500	51.6	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2000	52.2	94.2	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	94.6
≥ 1800	52.2	94.6	94.7	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1500	52.2	95.3	95.5	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	52.2	96.2	97.0	97.2	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	52.2	96.6	97.7	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	52.2	96.9	97.8	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	52.2	96.9	97.8	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	52.2	96.9	97.8	98.3	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	52.2	97.0	98.0	98.5	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	52.2	97.2	98.6	99.0	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	52.2	97.2	98.6	99.0	99.3	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	52.2	97.2	98.6	99.0	99.3	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	52.2	97.2	98.6	99.0	99.3	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	52.2	97.2	98.6	99.0	99.3	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	52.2	97.2	98.6	99.0	99.3	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 834

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) OCT (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	42.4	72.2	72.3	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
≥ 20000	44.2	78.5	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 18000	44.2	78.5	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 16000	44.2	78.5	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 14000	44.6	78.9	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 12000	45.2	79.6	80.0	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
≥ 10000	45.8	81.3	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 9000	45.8	82.1	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 8000	45.9	83.7	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 7000	45.9	83.9	84.3	84.7	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	46.0	85.0	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 5000	46.0	85.9	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 4500	46.0	86.7	87.2	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
≥ 4000	46.2	87.3	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3500	46.3	88.5	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3000	46.6	89.7	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 2500	47.2	91.0	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2000	47.2	92.8	93.2	93.5	93.5	93.5	93.5	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800	47.2	93.3	94.0	94.4	94.4	94.4	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1500	47.2	94.4	95.4	95.9	95.9	95.9	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	47.2	94.7	95.9	96.4	96.4	96.4	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1000	47.2	95.9	97.1	97.6	97.6	97.6	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	47.2	96.2	97.5	98.0	98.0	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	47.2	96.2	97.5	98.1	98.1	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	47.2	96.2	97.5	98.1	98.1	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	47.2	96.5	97.7	98.3	98.7	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	47.2	96.6	98.2	98.6	99.2	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	47.2	96.6	98.2	98.9	99.3	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	47.2	96.6	98.2	98.9	99.3	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	47.2	96.6	98.2	98.9	99.3	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	47.2	96.6	98.2	98.9	99.3	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	47.2	96.6	98.2	98.9	99.3	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 838

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-82 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	40.3	73.1	73.9	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 20000	41.8	77.6	78.5	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 18000	41.8	77.6	78.5	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 16000	41.8	77.6	78.5	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 14000	41.8	77.6	78.5	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 12000	42.4	79.0	80.0	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
≥ 10000	42.9	80.7	81.7	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 9000	42.9	80.7	81.7	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 8000	43.2	81.6	82.9	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 7000	43.2	82.2	83.4	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
≥ 6000	43.5	82.9	84.4	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	43.7	84.0	85.5	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 4500	43.9	85.4	86.9	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4000	44.0	85.7	87.2	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
≥ 3500	44.0	86.4	87.9	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3000	44.4	88.2	89.9	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
≥ 2500	44.4	89.2	90.9	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
≥ 2000	44.4	91.3	92.9	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800	44.4	91.6	93.4	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 500	44.4	92.4	94.2	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	44.4	92.8	94.6	95.6	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	44.4	93.1	95.1	96.0	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	44.4	93.1	95.5	96.3	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	44.4	93.6	96.3	97.3	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	44.4	94.1	97.0	98.0	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	44.4	94.5	97.5	98.5	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	44.4	94.6	97.6	98.7	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	44.4	94.6	97.6	98.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	44.4	94.6	97.6	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	44.4	94.6	97.6	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	44.4	94.6	97.6	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	44.4	94.6	97.6	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 595

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.3	65.3	67.2	68.1	68.9	69.4	69.8	70.1	70.1	70.2	70.3	70.3	70.4	70.4	70.4	70.4
≥ 20000	35.9	70.8	72.8	73.8	74.7	75.2	75.7	75.9	76.0	76.1	76.1	76.1	76.3	76.3	76.3	76.3
≥ 18000	36.0	71.0	73.0	74.0	75.0	75.4	75.9	76.2	76.2	76.3	76.4	76.4	76.5	76.5	76.5	76.6
≥ 16000	36.1	71.1	73.1	74.1	75.0	75.5	76.0	76.3	76.3	76.4	76.5	76.5	76.6	76.6	76.6	76.7
≥ 14000	36.2	71.3	73.3	74.3	75.2	75.7	76.2	76.5	76.5	76.6	76.7	76.7	76.8	76.8	76.8	76.9
≥ 12000	36.5	72.3	74.3	75.4	76.3	76.8	77.3	77.5	77.6	77.7	77.7	77.7	77.9	77.9	77.9	77.9
≥ 10000	37.0	74.2	76.3	77.3	78.3	78.8	79.2	79.5	79.6	79.6	79.7	79.7	79.8	79.8	79.8	79.9
≥ 9000	37.0	74.6	76.7	77.8	78.7	79.2	79.7	80.0	80.0	80.1	80.2	80.2	80.3	80.3	80.3	80.4
≥ 8000	37.2	76.1	78.3	79.5	80.4	81.0	81.4	81.7	81.8	81.9	81.9	81.9	82.1	82.1	82.1	82.1
≥ 7000	37.2	76.9	78.7	79.8	80.8	81.3	81.8	82.1	82.2	82.3	82.3	82.3	82.5	82.5	82.5	82.5
≥ 6000	37.4	77.5	79.8	81.0	82.0	82.5	83.0	83.3	83.4	83.4	83.5	83.5	83.7	83.7	83.7	83.7
≥ 5000	37.6	78.3	80.7	81.8	82.9	83.4	83.9	84.2	84.2	84.3	84.4	84.4	84.5	84.5	84.5	84.6
≥ 4500	37.7	79.0	81.5	82.7	83.7	84.2	84.7	85.1	85.1	85.2	85.3	85.3	85.4	85.4	85.4	85.4
≥ 4000	37.8	79.7	82.2	83.4	84.4	85.0	85.5	85.8	85.9	86.0	86.0	86.0	86.2	86.2	86.2	86.2
≥ 3500	37.8	80.4	82.9	84.1	85.1	85.7	86.2	86.6	86.6	86.7	86.7	86.7	86.9	86.9	86.9	86.9
≥ 3000	38.0	81.5	84.0	85.3	86.3	86.8	87.4	87.7	87.8	87.9	87.9	87.9	88.1	88.1	88.1	88.1
≥ 2500	38.2	82.6	85.2	86.4	87.5	88.1	88.6	89.0	89.0	89.1	89.1	89.1	89.3	89.3	89.3	89.3
≥ 2000	38.5	84.0	86.8	88.1	89.2	89.8	90.4	90.7	90.8	90.9	91.0	91.0	91.1	91.1	91.1	91.2
≥ 1800	38.5	84.6	87.4	88.7	89.9	90.4	91.0	91.4	91.4	91.5	91.6	91.6	91.7	91.7	91.7	91.8
≥ 1500	38.6	85.7	88.8	90.2	91.4	91.9	92.5	92.9	93.0	93.1	93.1	93.1	93.3	93.3	93.3	93.3
≥ 1200	38.7	86.7	89.8	91.3	92.4	93.3	94.0	94.4	94.5	94.6	94.6	94.6	94.8	94.8	94.8	94.8
≥ 1000	38.8	87.4	91.0	92.6	93.9	94.6	95.4	95.7	95.8	95.9	95.9	95.9	96.1	96.1	96.1	96.2
≥ 900	38.9	88.0	91.5	93.1	94.5	95.2	95.9	96.3	96.4	96.5	96.5	96.5	96.7	96.7	96.7	96.7
≥ 800	38.9	88.3	91.9	93.7	95.2	95.8	96.7	97.1	97.2	97.3	97.3	97.3	97.5	97.5	97.5	97.5
≥ 700	38.9	88.6	92.4	94.2	95.7	96.5	97.3	97.7	97.8	97.8	97.9	97.9	98.1	98.1	98.1	98.1
≥ 600	39.0	88.8	92.7	94.6	96.3	97.0	97.9	98.4	98.4	98.5	98.6	98.6	98.8	98.8	98.8	98.8
≥ 500	39.0	89.0	93.0	94.9	96.6	97.5	98.4	98.8	98.9	99.0	99.1	99.1	99.3	99.3	99.3	99.3
≥ 400	39.0	89.1	93.1	95.0	96.8	97.6	98.6	99.1	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 300	39.0	89.1	93.1	95.1	96.8	97.6	98.6	99.1	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.7
≥ 200	39.0	89.1	93.1	95.1	96.8	97.6	98.6	99.2	99.3	99.4	99.5	99.6	99.8	99.8	99.8	99.9
≥ 100	39.0	89.1	93.1	95.1	96.8	97.6	98.6	99.2	99.3	99.4	99.6	99.6	99.8	99.9	99.9	100.0
0	39.0	89.1	93.1	95.1	96.8	97.6	98.6	99.2	99.3	99.4	99.6	99.6	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 8863

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	11.8	36.6	40.8	42.9	45.1	47.5	48.9	50.2	50.4	50.5	50.7	50.7	51.0	51.0	51.1	52.2
≥ 20000	12.5	41.2	46.0	48.4	51.0	53.8	55.7	56.1	56.2	56.4	56.5	56.5	56.8	56.8	57.0	58.0
≥ 18000	12.4	41.5	46.3	48.9	51.3	53.7	55.0	56.4	56.5	56.7	56.8	56.8	57.1	57.1	57.3	58.3
≥ 16000	12.4	41.5	46.3	48.9	51.3	53.7	55.0	56.4	56.5	56.7	56.8	56.8	57.1	57.1	57.3	58.3
≥ 14000	12.4	41.5	46.3	48.9	51.3	53.7	55.0	56.4	56.5	56.7	56.8	56.8	57.1	57.1	57.3	58.3
≥ 12000	12.4	41.8	46.6	49.3	51.7	54.1	55.8	57.1	57.3	57.4	57.6	57.6	57.9	57.9	58.0	59.1
≥ 10000	12.4	43.9	49.0	51.9	54.3	56.7	58.3	59.7	59.8	60.0	60.1	60.1	60.4	60.4	60.6	61.6
≥ 9000	12.5	43.9	49.0	51.9	54.3	56.7	58.3	59.7	59.8	60.0	60.1	60.1	60.4	60.4	60.6	61.6
≥ 8000	12.7	47.6	52.9	55.9	58.3	60.7	62.5	63.9	64.0	64.2	64.3	64.3	64.6	64.6	64.8	65.8
≥ 7000	12.7	48.4	53.8	56.8	59.2	61.6	63.4	64.8	64.9	65.1	65.2	65.2	65.5	65.5	65.7	66.7
≥ 6000	12.7	49.3	54.7	57.7	60.3	62.7	64.5	65.8	66.0	66.1	66.3	66.3	66.6	66.6	66.7	67.8
≥ 5000	12.7	50.2	55.9	59.1	61.8	64.2	66.0	67.3	67.5	67.6	67.8	67.8	68.1	68.1	68.2	69.3
≥ 4500	12.7	50.2	56.5	59.7	62.4	65.1	66.9	68.2	68.4	68.5	68.7	68.7	69.0	69.0	69.1	70.2
≥ 4000	13.0	51.6	58.2	61.6	64.3	67.0	68.8	70.2	70.3	70.5	70.6	70.6	70.9	70.9	71.1	72.1
≥ 3500	13.0	51.9	58.5	61.9	64.8	67.5	69.3	70.6	70.8	70.9	71.1	71.1	71.4	71.4	71.5	72.6
≥ 3000	13.2	52.3	59.1	62.5	65.5	68.2	70.0	71.4	71.5	71.7	71.8	71.8	72.1	72.1	72.3	73.3
≥ 2500	13.2	53.5	60.6	64.0	67.3	70.0	72.0	73.3	73.5	73.6	73.8	73.8	74.1	74.1	74.2	75.3
≥ 2000	13.3	55.3	62.8	66.4	69.7	72.6	74.6	76.0	76.2	76.3	76.5	76.5	76.8	76.8	76.9	78.0
≥ 1800	13.5	56.9	64.0	67.6	70.9	73.9	76.0	77.5	77.7	77.8	78.0	78.0	78.3	78.3	78.4	79.5
≥ 1500	13.6	58.5	66.3	70.2	73.5	76.5	78.7	80.2	80.4	80.6	81.0	81.0	81.3	81.3	81.4	82.5
≥ 1200	13.9	61.2	69.7	73.8	77.5	81.0	83.4	85.2	85.3	85.8	85.9	85.9	86.2	86.2	86.4	87.4
≥ 1000	14.1	61.5	70.5	74.5	78.8	81.9	84.3	86.1	86.4	86.8	87.0	87.0	87.3	87.3	87.4	88.5
≥ 900	14.4	62.5	71.2	75.4	79.3	82.9	85.3	87.4	87.7	88.2	88.3	88.3	88.6	88.6	88.8	89.8
≥ 800	14.5	62.8	71.3	75.5	79.5	83.5	86.1	88.3	88.6	89.4	89.5	89.5	89.8	89.8	90.0	91.0
≥ 700	14.5	63.4	72.4	76.6	81.0	84.6	87.3	89.5	90.0	90.6	90.7	90.7	91.0	91.0	91.2	92.2
≥ 600	14.5	64.3	73.8	78.0	82.6	86.4	89.1	91.3	91.8	92.4	92.5	92.5	92.8	92.8	93.0	94.0
≥ 500	14.5	64.6	74.2	78.9	83.6	87.3	90.4	92.8	93.3	93.9	94.0	94.0	94.3	94.3	94.5	95.7
≥ 400	14.5	64.8	74.5	79.2	84.2	87.9	91.5	93.9	94.8	95.4	95.5	95.5	95.8	95.8	96.0	97.2
≥ 300	14.5	64.8	74.5	79.2	84.2	87.9	91.6	94.4	95.2	96.0	96.1	96.1	96.6	96.6	96.7	97.9
≥ 200	14.5	64.8	74.5	79.2	84.3	88.0	91.8	94.8	95.8	96.1	96.3	96.3	96.9	96.9	97.3	98.4
≥ 100	14.5	64.8	74.5	79.2	84.3	88.0	91.8	94.8	95.8	96.1	96.3	96.4	96.9	97.0	97.5	99.9
0	14.5	64.8	74.5	79.2	84.3	88.0	91.8	94.8	95.8	96.1	96.3	96.4	96.9	97.0	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 667

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	20.2	49.8	51.6	52.2	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 20000	22.2	56.8	58.9	59.6	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 18000	22.2	56.9	59.0	59.8	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 16000	22.2	56.9	59.0	59.8	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 14000	22.2	56.9	59.0	59.8	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 12000	22.3	57.5	59.6	60.4	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 10000	22.5	59.5	61.7	62.6	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 9000	22.5	59.6	61.9	62.7	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 8000	22.7	62.5	64.7	65.7	66.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 7000	22.7	62.8	65.1	66.2	66.7	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 6000	22.8	63.7	66.0	67.2	67.8	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 5000	23.0	64.9	67.9	69.1	69.8	69.9	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 4500	23.0	64.9	67.9	69.1	69.8	69.9	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 4000	23.2	66.9	70.1	71.8	72.3	72.5	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 3500	23.2	67.3	70.7	72.1	73.0	73.1	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3000	23.5	68.3	71.7	73.1	74.1	74.2	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 2500	23.7	69.5	73.2	74.6	75.6	75.8	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 2000	24.6	73.2	77.3	78.6	80.0	80.4	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 1800	24.6	74.0	78.1	79.5	81.0	81.4	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 1500	25.1	76.8	81.6	83.6	85.3	85.7	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1200	25.4	79.4	84.8	87.3	89.1	89.5	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1000	25.7	80.5	86.2	89.0	91.2	91.6	92.6	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3
≥ 900	25.7	81.4	87.4	90.4	92.6	93.1	94.1	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	25.7	82.0	88.3	91.2	93.5	94.0	94.9	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	25.7	82.6	89.4	92.5	94.7	95.2	96.2	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 600	25.7	82.7	89.6	92.7	94.9	95.4	96.4	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	25.7	82.7	89.6	92.8	95.3	95.8	96.9	97.5	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	25.7	83.0	89.9	93.3	96.0	96.5	97.8	98.4	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	25.7	83.0	89.9	93.3	96.0	96.5	97.8	98.5	98.6	98.6	99.3	99.3	99.4	99.4	99.4	99.4
≥ 200	25.7	83.0	89.9	93.3	96.0	96.5	97.8	98.5	98.6	98.6	99.4	99.4	99.5	99.5	99.6	99.6
≥ 100	25.7	83.0	89.9	93.3	96.0	96.5	97.8	98.5	98.6	98.6	99.4	99.4	99.6	99.6	99.9	100.0
0	25.7	83.0	89.9	93.3	96.0	96.5	97.8	98.5	98.6	98.6	99.4	99.4	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 810

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 20000	35.1	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
< 20000 ≥ 18000	35.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
< 18000 ≥ 16000	35.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
< 16000 ≥ 14000	35.1	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	64.4
< 14000 ≥ 12000	35.2	65.1	65.1	65.1	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 ≥ 10000	35.2	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
< 10000 ≥ 9000	35.5	68.7	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	68.9
< 9000 ≥ 8000	35.5	71.9	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
< 8000 ≥ 7000	35.8	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
< 7000 ≥ 6000	35.8	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
< 6000 ≥ 5000	36.0	73.8	73.9	74.0	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
< 5000 ≥ 4500	36.0	74.2	74.3	74.4	74.4	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
< 4500 ≥ 4000	36.1	75.6	75.8	75.9	75.9	76.0	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
< 4000 ≥ 3500	36.7	76.9	77.0	77.1	77.	77.3	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
< 3500 ≥ 3000	37.0	79.5	79.6	79.7	79.7	79.9	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
< 3000 ≥ 2500	37.5	82.7	82.9	83.1	83.1	83.4	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
< 2500 ≥ 2000	39.1	85.6	86.5	86.7	86.7	87.1	87.6	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.3
< 2000 ≥ 1800	39.3	86.9	87.6	88.0	88.0	88.5	89.1	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.7
< 1800 ≥ 1500	39.6	89.1	90.5	91.0	91.0	91.7	92.3	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	93.0
< 1500 ≥ 1200	40.3	91.0	92.5	93.1	93.1	93.8	94.7	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.3
< 1200 ≥ 1000	40.3	91.6	93.2	94.1	94.3	95.1	96.3	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.2
< 1000 ≥ 900	40.3	92.3	93.7	94.6	94.8	95.7	96.9	97.3	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.8
< 900 ≥ 800	40.3	92.3	93.9	94.8	95.1	95.9	97.3	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.3
< 800 ≥ 700	40.3	92.8	94.6	95.4	95.7	96.5	98.0	98.4	98.5	98.9	98.9	98.9	98.9	98.9	98.9	99.0
< 700 ≥ 600	40.3	93.0	94.7	95.7	95.9	96.8	98.3	98.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.3
< 600 ≥ 500	40.3	93.1	94.9	95.9	96.2	97.0	98.5	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.9
< 500 ≥ 400	40.3	93.2	95.1	96.0	96.3	97.2	98.6	99.4	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0
< 400 ≥ 300	40.3	93.2	95.1	96.0	96.3	97.2	98.6	99.4	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0
< 300 ≥ 200	40.3	93.2	95.1	96.0	96.3	97.2	98.6	99.4	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0
< 200 ≥ 100	40.3	93.2	95.1	96.0	96.3	97.2	98.6	99.4	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0
< 100 0	40.3	93.2	95.1	96.0	96.3	97.2	98.6	99.4	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 809

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	41.1	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 20000	45.1	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	65.4
≥ 18000	45.2	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 16000	45.2	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 14000	45.2	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	65.9	65.9
≥ 12000	45.7	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 10000	45.9	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 9000	46.2	70.1	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
≥ 8000	46.7	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 7000	46.7	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 6000	46.7	74.9	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
≥ 5000	47.0	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 4500	47.5	77.4	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9
≥ 4000	48.0	80.4	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.9
≥ 3500	48.5	81.4	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.2
≥ 3000	48.8	83.0	83.3	83.6	83.7	83.7	83.7	83.7	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.1
≥ 2500	48.9	85.7	86.2	86.5	87.2	87.2	87.2	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.7
≥ 2000	49.0	87.9	88.6	89.1	89.9	89.9	89.9	90.0	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.5
≥ 1800	49.3	88.5	89.4	90.0	90.7	90.7	90.7	90.9	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.4
≥ 1500	49.6	89.5	91.0	91.7	92.5	92.5	92.7	92.8	93.0	93.2	93.5	93.5	93.5	93.5	93.5	93.6
≥ 1200	50.0	90.9	92.5	93.2	94.0	94.0	94.2	94.4	94.6	94.8	95.2	95.2	95.2	95.2	95.2	95.3
≥ 1000	50.0	91.2	93.1	94.0	94.8	94.9	95.3	95.6	95.7	95.9	96.3	96.3	96.3	96.3	96.3	96.4
≥ 900	50.0	91.6	93.5	94.3	95.2	95.3	95.7	95.9	96.0	96.3	96.7	96.7	96.7	96.7	96.7	96.8
≥ 800	50.0	91.7	93.6	94.7	95.6	95.8	96.4	96.8	96.9	97.2	97.5	97.5	97.5	97.5	97.5	97.7
≥ 700	50.0	91.9	93.8	94.9	96.0	96.3	97.0	97.4	97.5	97.8	98.1	98.1	98.1	98.1	98.1	98.3
≥ 600	50.0	92.0	94.0	95.1	96.8	97.0	97.8	98.1	98.4	98.6	99.0	99.0	99.0	99.0	99.0	99.1
≥ 500	50.0	92.1	94.2	95.4	97.2	97.4	98.1	98.5	98.9	99.1	99.8	99.8	99.8	99.8	99.8	99.9
≥ 400	50.0	92.1	94.2	95.4	97.2	97.4	98.1	98.5	98.9	99.1	99.8	99.8	99.8	99.8	99.8	99.9
≥ 300	50.0	92.1	94.2	95.4	97.2	97.4	98.1	98.6	99.0	99.3	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	50.0	92.1	94.2	95.4	97.2	97.4	98.1	98.6	99.0	99.3	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	50.0	92.1	94.2	95.4	97.2	97.4	98.1	98.6	99.0	99.3	99.9	99.9	99.9	99.9	99.9	100.0
0	50.0	92.1	94.2	95.4	97.2	97.4	98.1	98.6	99.0	99.3	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 810

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOUR LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	41.4	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 20000	43.9	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 18000 ≥ 16000	43.9	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
	43.9	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 14000 ≥ 12000	44.0	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
	44.5	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 10000 ≥ 9000	44.9	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	71.2	71.2
	45.0	71.3	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
≥ 8000 ≥ 7000	46.0	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
	46.3	74.0	74.5	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 6000 ≥ 5000	46.3	74.5	75.0	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
	46.6	76.1	76.6	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 4500 ≥ 4000	46.7	77.5	78.4	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
	47.1	78.9	79.7	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3500 ≥ 3000	47.3	80.0	80.8	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7
	47.8	81.7	82.7	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2500 ≥ 2000	48.1	84.5	85.8	86.8	87.4	87.4	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9
	48.3	87.0	88.3	89.2	90.0	90.0	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1800 ≥ 1500	48.6	88.1	89.4	90.5	91.2	91.2	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
	48.8	89.5	90.9	92.0	92.7	92.7	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1200 ≥ 1000	48.9	90.2	91.6	92.7	93.4	93.4	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2
	49.1	90.9	92.5	93.7	94.4	94.4	94.9	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4
≥ 900 ≥ 800	49.1	91.0	92.7	94.3	95.1	95.1	95.6	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2
	49.1	91.5	93.4	95.3	96.2	96.2	96.8	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700 ≥ 600	49.1	91.7	93.7	95.7	96.5	96.5	97.2	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9
	49.3	92.0	94.1	96.2	97.0	97.0	97.8	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500 ≥ 400	49.3	92.3	94.2	96.4	97.4	97.4	98.3	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0
	49.3	92.3	94.4	96.7	97.7	97.7	98.8	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300 ≥ 200	49.3	92.3	94.4	96.7	97.7	97.8	98.9	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
	49.3	92.3	94.4	96.7	97.7	97.8	98.9	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 0	49.3	92.3	94.4	96.7	97.7	97.8	98.9	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
	49.3	92.3	94.4	96.7	97.7	97.8	98.9	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 809

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	≥1¼	≥1	≥¾	≥½	≥⅝	≥5/16	≥¼	≥0
NO CEILING	40.2	63.3	63.5	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 20000	42.6	68.4	68.6	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
≥ 18000	42.6	68.5	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 16000	42.6	68.5	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 14000	42.8	68.6	68.9	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
≥ 12000	43.5	69.8	70.1	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
≥ 10000	43.6	70.5	70.7	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	43.8	70.7	71.0	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
≥ 8000	43.9	71.4	71.8	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 7000	43.9	72.1	72.7	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 6000	43.9	72.7	73.3	74.3	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	44.4	73.8	74.4	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 4500	44.4	74.8	75.6	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 4000	44.5	75.9	76.8	77.9	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3500	44.9	77.4	78.2	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
≥ 3000	44.9	78.5	79.4	80.5	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2
≥ 2500	45.1	82.4	83.4	84.8	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5
≥ 2000	45.9	84.9	85.9	87.6	88.1	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6
≥ 1800	46.1	85.8	86.8	88.5	89.0	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5
≥ 1500	46.2	87.9	88.9	90.6	91.1	91.5	91.8	91.8	91.8	91.8	91.8	91.8	92.0	92.0	92.1	92.1
≥ 1200	46.6	89.1	90.1	91.8	92.3	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.3	93.3
≥ 1000	46.6	89.4	90.4	92.1	92.6	93.1	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.9	93.9
≥ 900	46.6	89.7	90.7	92.6	93.1	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.4	94.4
≥ 800	46.8	90.9	92.0	93.9	94.4	94.9	95.6	95.7	95.8	95.8	95.8	95.8	95.9	95.9	96.0	96.0
≥ 700	46.8	91.0	92.1	94.1	94.7	95.2	96.0	96.2	96.3	96.3	96.3	96.3	96.4	96.4	96.5	96.5
≥ 600	46.8	91.1	92.3	94.4	95.3	95.8	97.0	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.5	97.5
≥ 500	46.8	91.6	93.0	95.1	95.9	96.4	97.7	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.3	98.3
≥ 400	46.8	91.7	93.1	95.2	96.0	96.5	97.8	98.1	98.4	98.4	98.5	98.5	98.6	98.6	98.8	98.8
≥ 300	46.8	91.7	93.1	95.2	96.2	96.7	97.9	98.3	98.6	98.6	98.8	98.8	98.9	98.9	99.0	99.0
≥ 200	46.8	91.7	93.1	95.2	96.2	96.7	97.9	98.3	98.6	98.6	98.8	98.8	98.9	99.0	99.1	99.1
≥ 100	46.8	91.7	93.1	95.2	96.2	96.7	97.9	98.4	98.8	98.8	98.9	98.9	99.0	99.5	99.6	99.6
0	46.8	91.7	93.1	95.2	96.2	96.7	97.9	98.4	98.8	98.8	98.9	98.9	99.0	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 809

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	31.9	55.0	56.0	56.4	56.8	57.2	57.4	57.5	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.8
≥ 20000	34.2	61.2	62.3	62.9	63.3	63.6	63.8	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.2	64.3
≥ 18000	34.2	61.4	62.5	63.0	63.4	63.8	64.0	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.5
≥ 16000	34.2	61.4	62.5	63.0	63.4	63.8	64.0	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.5
≥ 14000	34.3	61.5	62.7	63.2	63.6	64.0	64.2	64.3	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.6
≥ 12000	34.6	62.5	63.6	64.2	64.6	65.0	65.2	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.7
≥ 10000	34.7	64.3	65.5	66.1	66.6	66.9	67.2	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.6
≥ 9000	34.9	64.7	65.9	66.5	66.9	67.3	67.5	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.9	68.0
≥ 8000	35.2	67.5	68.8	69.5	70.0	70.3	70.6	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	71.1
≥ 7000	35.3	67.9	69.3	70.1	70.6	71.0	71.2	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.7
≥ 6000	35.3	68.6	70.0	70.8	71.3	71.7	72.0	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.5
≥ 5000	35.6	69.8	71.3	72.2	72.8	73.2	73.5	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	74.0
≥ 4500	35.7	70.4	72.2	73.1	73.7	74.1	74.5	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	75.0
≥ 4000	36.0	72.2	74.0	75.0	75.7	76.1	76.4	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	77.0
≥ 3500	36.3	73.1	75.0	76.0	76.7	77.2	77.5	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	78.1
≥ 3000	36.5	74.5	76.5	77.6	78.3	78.7	79.1	79.4	79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.8
≥ 2500	36.8	77.1	79.3	80.5	81.4	81.9	82.4	82.7	82.7	82.8	82.8	82.8	82.9	82.9	82.9	83.1
≥ 2000	37.4	79.8	82.2	83.5	84.5	85.1	85.7	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.3	86.8
≥ 1800	37.6	80.7	83.2	84.5	85.6	86.2	86.8	87.1	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.6
≥ 1500	37.9	82.6	85.4	87.0	88.1	88.8	89.5	89.9	89.9	90.1	90.2	90.2	90.2	90.2	90.3	90.5
≥ 1200	38.2	84.3	87.4	89.1	90.3	91.0	91.8	92.3	92.3	92.4	92.5	92.5	92.6	92.6	92.7	92.8
≥ 1000	38.3	84.9	88.2	90.0	91.4	92.1	93.1	93.6	93.7	93.9	94.0	94.0	94.1	94.1	94.1	94.3
≥ 900	38.4	85.4	88.7	90.7	92.1	92.9	93.9	94.5	94.6	94.7	94.8	94.8	94.9	94.9	94.9	95.1
≥ 800	38.4	85.9	89.3	91.4	92.8	93.7	94.8	95.4	95.6	95.7	95.9	95.9	95.9	95.9	96.0	96.2
≥ 700	38.4	86.3	89.9	92.0	93.5	94.3	95.5	96.2	96.3	96.5	96.7	96.7	96.7	96.7	96.8	97.0
≥ 600	38.4	86.5	90.2	92.4	94.1	95.0	96.3	96.9	97.1	97.3	97.4	97.4	97.5	97.5	97.5	97.7
≥ 500	38.4	86.7	90.5	92.8	94.6	95.5	96.8	97.6	97.8	98.0	98.2	98.2	98.3	98.3	98.3	98.5
≥ 400	38.5	86.9	90.7	93.1	94.9	95.8	97.3	98.1	98.3	98.5	98.8	98.8	98.8	98.8	98.9	99.1
≥ 300	38.5	86.9	90.7	93.1	94.9	95.8	97.3	98.2	98.5	98.8	99.1	99.1	99.2	99.2	99.2	99.4
≥ 200	38.5	86.9	90.7	93.1	94.9	95.8	97.4	98.3	98.6	98.8	99.1	99.1	99.2	99.3	99.4	99.6
≥ 100	38.5	86.9	90.7	93.1	94.9	95.8	97.4	98.3	98.6	98.8	99.1	99.2	99.3	99.4	99.5	99.9
≥ 0	38.5	86.9	90.7	93.1	94.9	95.8	97.4	98.3	98.6	98.8	99.1	99.2	99.3	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 8723

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOUR 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	16.8	42.4	44.8	46.9	48.1	48.1	49.0	49.3	49.3	49.3	49.5	49.5	50.0	50.0	50.2	51.2
≥ 20000	18.2	47.1	49.7	52.1	53.3	53.3	54.1	54.5	54.5	54.5	54.6	54.6	55.2	55.2	55.3	56.4
≥ 18000	18.2	47.3	49.8	52.2	53.4	53.4	54.3	54.6	54.6	54.6	54.8	54.8	55.3	55.3	55.5	56.5
≥ 16000	18.2	47.3	49.8	52.2	53.4	53.4	54.3	54.6	54.6	54.6	54.8	54.8	55.3	55.3	55.5	56.5
≥ 14000	18.2	47.4	50.0	52.4	53.6	53.6	54.6	55.0	55.0	55.0	55.2	55.2	55.7	55.7	55.8	56.9
≥ 12000	18.4	48.8	51.4	54.0	55.2	55.2	56.2	56.5	56.5	56.5	56.7	56.7	57.2	57.2	57.4	58.4
≥ 10000	19.1	50.5	53.1	55.7	56.9	56.9	57.9	58.2	58.2	58.2	58.4	58.4	58.9	58.9	59.1	60.1
≥ 9000	19.1	50.5	53.1	55.7	56.9	56.9	57.9	58.2	58.2	58.2	58.4	58.4	58.9	58.9	59.1	60.1
≥ 8000	19.4	52.6	55.2	57.7	59.1	59.1	60.1	60.5	60.5	60.5	60.7	60.7	61.2	61.2	61.3	62.4
≥ 7000	19.6	54.1	56.7	59.3	60.8	60.8	61.9	62.2	62.2	62.2	62.4	62.4	62.9	62.9	63.1	64.1
≥ 6000	19.6	54.6	57.2	59.8	61.3	61.3	62.4	62.9	62.9	62.9	63.1	63.1	63.6	63.6	63.7	64.8
≥ 5000	20.4	56.2	58.8	61.3	62.9	62.9	63.9	64.4	64.4	64.4	64.6	64.6	65.1	65.1	65.3	66.3
≥ 4500	20.6	56.4	58.9	61.5	63.1	63.2	64.4	64.9	64.9	64.9	65.1	65.1	65.6	65.6	65.8	66.8
≥ 4000	21.0	57.8	60.3	62.7	64.3	64.8	65.6	66.2	66.2	66.2	66.3	66.3	66.8	66.8	67.0	68.0
≥ 3500	21.3	59.5	62.0	64.6	66.2	66.3	67.5	68.0	68.0	68.0	68.2	68.2	68.7	68.7	68.9	69.9
≥ 3000	22.5	62.5	65.1	67.7	69.2	69.4	70.6	71.1	71.1	71.1	71.3	71.3	71.8	71.8	72.0	73.0
≥ 2500	23.0	65.1	67.9	70.4	72.0	72.2	73.5	74.1	74.1	74.1	74.2	74.2	74.7	74.7	74.9	75.9
≥ 2000	24.1	67.4	70.1	72.7	74.2	74.4	75.9	76.5	76.5	76.5	76.6	76.6	77.1	77.1	77.3	78.4
≥ 1800	24.2	68.4	71.1	73.7	75.4	75.6	77.1	77.7	77.7	77.7	77.8	77.8	78.4	78.4	78.5	79.6
≥ 1500	24.6	70.4	73.7	76.5	78.8	78.7	80.4	80.9	80.9	80.9	81.1	81.1	81.6	81.6	81.8	82.8
≥ 1200	24.7	71.5	75.1	78.0	79.9	80.4	82.1	82.6	82.6	82.6	82.8	82.8	83.3	83.3	83.5	84.5
≥ 1000	24.7	71.8	75.6	78.5	80.8	81.3	83.0	83.5	83.5	83.5	83.7	83.7	84.2	84.2	84.4	85.4
≥ 900	24.7	72.2	76.1	79.2	81.4	82.3	84.2	84.7	84.9	84.9	85.1	85.2	85.7	85.7	85.9	86.9
≥ 800	24.7	74.1	78.4	81.6	84.7	85.6	87.5	88.0	88.1	88.1	88.3	88.5	89.0	89.0	89.2	90.2
≥ 700	24.7	74.1	78.4	81.6	85.1	85.9	87.8	88.7	88.8	88.8	89.0	89.2	89.7	89.7	89.9	90.9
≥ 600	24.7	74.5	79.6	82.8	86.9	88.0	90.0	90.9	91.1	91.1	91.2	91.4	91.9	91.9	92.1	93.1
≥ 500	24.7	75.1	79.9	83.2	87.3	88.7	90.9	91.9	92.1	92.1	92.3	92.4	93.3	93.3	93.5	94.5
≥ 400	24.7	75.1	79.9	83.3	87.5	89.0	91.2	92.2	92.4	92.4	92.6	92.8	93.8	93.8	94.0	95.0
≥ 300	24.7	75.1	80.1	83.5	88.0	89.9	92.3	93.8	94.2	94.2	94.5	94.7	95.7	95.9	96.0	97.1
≥ 200	24.7	75.1	80.1	83.5	88.0	89.9	92.6	94.5	95.0	95.5	96.0	96.4	97.8	98.1	98.6	99.7
≥ 100	24.7	75.1	80.1	83.5	88.0	89.9	92.6	94.8	95.0	95.5	96.0	96.4	97.8	98.1	98.6	99.7
0	24.7	75.1	80.1	83.5	88.0	89.9	92.6	94.8	95.0	95.5	96.0	96.4	97.8	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 582

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) DEC (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	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	23.7	49.2	50.7	51.2	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.8
≥ 20000	26.2	54.7	56.3	56.8	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.4
≥ 18000	26.2	55.1	56.6	57.2	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.8
≥ 16000	26.2	55.1	56.8	57.3	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.9
≥ 14000	26.2	55.5	57.2	57.7	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.3
≥ 12000	26.6	56.8	58.5	59.1	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.8
≥ 10000	27.3	59.8	61.6	62.2	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.8	62.8	62.8	62.9
≥ 9000	27.5	60.3	62.1	62.8	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.4
≥ 8000	28.4	62.5	64.3	65.0	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.8
≥ 7000	28.5	63.2	65.0	65.6	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.3	66.3	66.3	66.4
≥ 6000	29.2	64.2	66.0	66.7	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.4
≥ 5000	29.8	65.4	67.2	68.0	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.8	68.8	68.8	68.9
≥ 4500	29.8	65.5	67.3	68.1	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	69.0
≥ 4000	30.7	67.7	69.5	70.6	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.4	71.4	71.4	71.5
≥ 3500	31.0	69.1	71.0	72.0	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.9
≥ 3000	31.3	71.2	73.0	74.3	74.7	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.3	75.3	75.3	75.4
≥ 2500	32.4	73.8	75.9	77.2	77.6	77.9	78.0	78.0	78.1	78.1	78.1	78.1	78.3	78.3	78.3	78.4
≥ 2000	33.5	76.0	78.1	79.4	79.8	80.1	80.3	80.5	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.9
≥ 1800	34.0	77.3	79.4	80.7	81.1	81.4	81.6	81.8	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.2
≥ 1500	34.6	79.9	82.3	83.7	84.1	84.4	84.6	84.8	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.2
≥ 1200	34.6	81.6	84.2	85.7	86.1	86.3	86.6	86.7	86.8	86.8	86.8	86.8	87.0	87.0	87.0	87.1
≥ 1000	34.6	82.2	85.0	86.5	87.0	87.2	87.5	87.6	87.8	87.8	87.8	87.8	87.9	87.9	87.9	88.0
≥ 900	34.8	83.5	86.6	88.2	88.7	88.9	89.2	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.8	90.0
≥ 800	34.8	84.9	88.3	89.8	90.4	90.6	91.1	91.5	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.9
≥ 700	34.8	85.5	89.3	91.1	91.8	92.1	92.7	93.1	93.2	93.2	93.2	93.2	93.4	93.4	93.4	93.5
≥ 600	34.8	85.9	90.0	91.8	92.8	93.1	93.8	94.3	94.4	94.5	94.5	94.5	94.7	94.7	94.7	94.8
≥ 500	34.8	86.3	90.4	92.6	94.0	94.5	95.2	95.7	95.8	96.0	96.1	96.1	96.2	96.2	96.2	96.4
≥ 400	34.8	86.6	90.8	93.1	95.1	95.7	96.6	97.4	97.7	97.8	97.9	97.9	98.0	98.0	98.0	98.2
≥ 300	34.8	86.6	90.8	93.1	95.1	95.7	96.7	97.7	98.2	98.6	98.7	98.7	98.8	99.0	99.0	99.1
≥ 200	34.8	86.6	90.8	93.1	95.1	95.7	97.0	97.9	98.4	98.8	99.0	99.0	99.1	99.6	99.7	100.0
≥ 100	34.8	86.6	90.8	93.1	95.1	95.7	97.0	97.9	98.4	98.8	99.0	99.0	99.1	99.6	99.7	100.0
≥ 0	34.8	86.6	90.8	93.1	95.1	95.7	97.0	97.9	98.4	98.8	99.0	99.0	99.1	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 768

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1800 (HOUR LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥⅛	≥0	
NO CEILING	35.0	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 20000	39.2	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 18000	39.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 16000	39.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 14000	39.9	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 12000	40.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 10000	41.3	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	65.2	65.2
≥ 9000	41.4	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	66.0	66.0
≥ 8000	41.8	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	67.5	67.5
≥ 7000	42.5	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	68.9	68.9
≥ 6000	42.9	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 5000	43.6	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4500	44.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 4000	44.7	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3500	45.4	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	73.9	73.9
≥ 3000	47.1	77.6	77.6	77.6	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 2500	48.6	80.9	80.9	81.3	81.4	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 2000	49.2	83.5	83.5	86.4	86.6	86.7	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1800	49.5	85.1	85.1	85.9	86.0	86.1	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1500	49.5	86.5	87.1	88.1	88.5	88.6	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1200	49.9	88.4	88.9	90.2	90.8	91.2	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1000	50.2	89.5	90.1	91.5	92.3	92.7	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 900	50.2	90.1	90.7	92.4	93.2	93.6	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 800	50.5	90.5	91.2	92.9	93.7	94.2	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700	50.5	90.8	91.5	93.3	94.1	94.6	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 600	50.5	90.8	92.0	93.5	94.6	95.3	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 500	50.5	91.1	92.3	94.2	95.0	95.8	96.7	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 400	50.5	91.2	92.5	94.3	95.8	96.3	97.6	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	50.5	91.5	92.8	94.6	96.1	97.0	97.9	98.7	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	50.5	91.5	92.8	94.8	96.1	97.0	97.9	98.7	98.8	99.3	99.5	99.5	99.6	99.7	99.9	100.0
≥ 100	50.5	91.5	92.8	94.8	96.1	97.0	97.9	98.7	98.8	99.3	99.5	99.5	99.6	99.7	99.9	100.0
≥ 0	50.5	91.5	92.8	94.8	96.1	97.0	97.9	98.7	98.8	99.3	99.5	99.5	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 765

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) DEC (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	39.4	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 20000	44.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 18000	44.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 16000	44.6	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	60.9	60.9
≥ 14000	45.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 12000	46.3	65.1	65.1	65.1	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	47.6	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 9000	47.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 8000	48.0	69.8	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 7000	48.1	70.2	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 6000	48.1	70.2	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 5000	48.7	71.5	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 4500	49.3	72.5	72.9	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4000	50.0	74.5	74.9	74.9	74.9	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 3500	50.8	76.1	76.5	76.7	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 3000	52.9	80.2	80.8	80.9	80.9	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 2500	53.3	82.5	83.4	83.6	83.7	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2000	54.4	85.4	86.3	86.6	86.7	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1800	54.5	86.2	87.3	87.5	87.7	87.8	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1500	54.6	87.5	88.6	89.3	89.9	89.9	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1200	55.4	89.4	90.7	91.4	91.5	92.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1000	55.6	90.3	91.6	92.3	92.7	93.4	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 900	55.6	90.7	92.2	92.8	93.2	93.9	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	55.6	90.8	92.4	93.1	93.6	94.3	95.9	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 700	55.6	91.1	92.7	93.4	94.0	94.7	96.4	96.8	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	55.6	91.2	92.8	93.5	94.2	94.8	96.7	97.2	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500	55.6	91.4	93.0	93.8	94.4	95.5	97.5	98.0	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	55.6	91.6	93.5	94.3	95.1	96.2	98.1	98.8	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	55.6	91.6	93.5	94.3	95.1	96.2	98.4	99.1	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	55.6	91.6	93.5	94.3	95.1	96.2	98.4	99.1	99.1	99.2	99.6	99.6	99.9	99.9	99.9	99.9
≥ 100	55.6	91.6	93.5	94.3	95.1	96.2	98.4	99.1	99.1	99.2	99.6	99.6	99.9	99.9	99.9	99.9
≥ 0	55.6	91.6	93.6	94.4	95.2	96.3	98.5	99.2	99.2	99.3	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 754

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.2	58.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 20000	41.0	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 18000	41.4	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 16000	41.8	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	63.4
≥ 14000	41.8	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 12000	42.2	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	64.6	64.6
≥ 10000	43.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 9000	43.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 8000	43.3	69.1	69.3	69.3	69.3	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 7000	43.3	69.1	69.3	69.3	69.3	69.3	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 6000	43.3	69.8	70.0	70.0	70.0	70.0	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 5000	43.3	72.2	72.3	72.3	72.3	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4500	45.0	73.5	73.7	73.7	73.7	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 4000	46.4	75.3	75.4	75.4	75.4	75.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 3500	46.9	77.4	77.5	77.6	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3000	47.6	79.3	79.3	79.5	79.5	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2500	48.3	82.0	82.6	82.9	82.9	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2000	50.1	86.1	87.4	87.9	88.1	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1800	50.2	87.9	88.3	89.2	89.4	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1500	50.6	89.6	90.5	91.6	91.8	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1200	51.0	90.2	91.5	92.3	92.9	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	51.0	90.3	91.6	92.5	93.0	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 900	51.0	90.3	91.6	92.9	93.4	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 800	51.0	90.6	92.2	93.4	94.8	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	51.0	90.9	92.3	93.8	95.3	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 600	51.0	90.9	92.3	94.0	95.8	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 500	51.0	91.2	92.6	94.2	96.2	96.7	97.1	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 400	51.0	91.5	93.0	95.2	97.3	97.9	98.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	51.0	91.5	93.0	95.2	97.3	97.9	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	51.0	91.5	93.0	95.2	97.3	97.9	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	51.0	91.5	93.0	95.2	97.3	97.9	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 0	51.0	91.5	93.0	95.2	97.3	97.9	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 729

USAF ETAC FORM AM 88 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.6	59.7	60.0	60.4	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 20000	40.7	63.5	63.8	64.2	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 18000	40.7	63.6	63.9	64.3	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 16000	40.8	63.8	64.1	64.5	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 14000	41.1	64.3	64.6	65.2	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 12000	41.5	65.3	65.6	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 10000	42.1	67.0	67.3	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 9000	42.1	67.3	67.5	68.1	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 8000	42.2	67.8	68.2	68.8	68.9	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 7000	42.3	68.7	69.1	69.6	69.8	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 6000	42.8	69.2	69.6	70.2	70.3	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 5000	43.6	71.0	71.4	72.0	72.1	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4500	44.0	72.1	72.6	73.1	73.3	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 4000	44.7	73.5	74.0	74.5	74.7	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 3500	45.4	76.0	76.5	77.0	77.2	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 3000	46.2	78.4	78.8	79.4	79.5	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 2500	46.8	80.5	80.9	81.6	81.8	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2000	48.2	84.4	85.1	86.2	86.4	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1800	48.6	85.4	86.1	87.2	87.3	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1500	48.7	86.4	87.2	88.4	88.9	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1200	49.3	87.3	88.2	89.7	90.1	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1000	49.3	87.5	88.3	90.3	91.4	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 900	49.3	88.6	89.8	92.3	93.5	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	49.3	89.0	90.3	92.8	94.2	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 700	49.3	89.4	90.9	93.5	94.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	49.3	89.6	91.1	93.9	95.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500	49.3	90.1	91.9	94.7	96.0	97.4	97.6	98.5	99.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	49.3	90.1	91.9	94.7	96.5	97.5	97.8	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	49.3	90.1	91.9	94.7	96.5	97.5	97.8	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	49.3	90.1	91.9	94.7	96.5	97.6	97.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.2	99.2
≥ 100	49.3	90.1	91.9	94.7	96.5	97.6	97.9	98.9	98.9	99.0	99.0	99.0	99.4	99.4	99.7	100.0
≥ 0	49.3	90.1	91.9	94.7	96.5	97.6	97.9	98.9	98.9	99.0	99.0	99.0	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 718

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.6	52.8	53.5	53.9	54.1	54.2	54.3	54.3	54.3	54.3	54.4	54.4	54.5	54.5	54.5	54.6
≥ 20000	35.4	58.2	58.9	59.4	59.6	59.7	59.8	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.2
≥ 18000	35.6	58.5	59.2	59.7	59.9	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.5
≥ 16000	35.7	58.6	59.4	59.9	60.1	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.6
≥ 14000	36.1	59.6	60.3	60.8	61.0	61.1	61.2	61.2	61.2	61.2	61.3	61.3	61.4	61.4	61.4	61.5
≥ 12000	36.5	61.3	62.0	62.6	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.2	63.3
≥ 10000	37.4	63.6	64.4	64.9	65.	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.7
≥ 9000	37.4	64.0	64.7	65.3	65.5	65.5	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.9	66.0
≥ 8000	37.8	65.3	66.1	66.7	66.9	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.7
≥ 7000	38.0	66.1	66.9	67.5	67.7	67.9	68.1	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.5
≥ 6000	38.2	66.5	67.4	67.9	68.2	68.3	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.8	68.9
≥ 5000	39.0	68.2	69.0	69.6	69.9	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.5	70.6
≥ 4500	39.5	69.0	69.9	70.5	70.8	70.9	71.2	71.2	71.2	71.2	71.3	71.3	71.4	71.4	71.4	71.5
≥ 4000	40.2	70.6	71.5	72.1	72.4	72.5	72.8	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.2
≥ 3500	40.8	72.4	73.3	74.0	74.3	74.4	74.7	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	75.1
≥ 3000	41.9	75.3	76.2	76.9	77.2	77.4	77.7	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	78.1
≥ 2500	42.7	77.9	79.0	79.8	80.2	80.3	80.7	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	81.1
≥ 2000	43.9	81.1	82.2	83.2	83.6	83.8	84.3	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.6	84.7
≥ 1800	44.2	82.1	83.3	84.4	84.8	85.0	85.6	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	86.0
≥ 1500	44.5	83.5	85.3	86.6	87.1	87.5	88.1	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.4	88.5
≥ 1200	44.8	85.2	86.8	88.2	88.9	89.3	90.0	90.1	90.1	90.1	90.2	90.2	90.3	90.3	90.3	90.4
≥ 1000	44.9	85.6	87.5	89.0	89.6	90.3	91.0	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.5
≥ 900	44.9	86.4	88.3	90.0	90.9	91.5	92.3	92.5	92.5	92.5	92.5	92.6	92.7	92.7	92.7	92.8
≥ 800	45.0	87.3	89.2	91.0	92.1	92.7	93.6	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.2
≥ 700	45.0	87.4	89.6	91.5	92.8	93.4	94.4	94.6	94.7	94.7	94.7	94.8	94.9	94.9	94.9	95.0
≥ 600	45.0	87.7	90.0	92.0	93.8	94.1	95.1	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.9
≥ 500	45.0	88.0	90.4	92.5	94.1	95.0	96.0	96.6	96.7	96.8	96.9	96.9	97.0	97.0	97.1	97.2
≥ 400	45.0	88.2	90.7	92.9	94.8	95.7	96.8	97.4	97.7	97.8	97.9	97.9	98.1	98.1	98.1	98.2
≥ 300	45.0	88.2	90.7	92.9	94.9	95.9	97.1	98.1	98.2	98.4	98.5	98.6	98.7	98.8	98.8	99.0
≥ 200	45.0	88.2	90.7	92.9	94.9	95.9	97.2	98.2	98.4	98.7	98.9	98.9	99.2	99.4	99.5	99.7
≥ 100	45.0	88.2	90.7	92.9	94.9	95.9	97.2	98.2	98.4	98.7	98.9	98.9	99.3	99.4	99.6	99.9
≥ 0	45.0	88.2	90.8	93.0	94.9	95.9	97.2	98.3	98.5	98.7	98.9	99.0	99.3	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 8319

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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CEILING VERSUS VISIBILITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	26.0	51.3	53.2	54.3	55.1	55.4	55.6	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	56.0
≥ 20000	29.4	59.3	61.4	62.7	63.5	63.9	64.1	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.5	64.5
≥ 18000	29.5	59.6	61.7	63.0	63.8	64.1	64.4	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.8
≥ 16000	29.6	59.7	61.9	63.2	64.0	64.3	64.6	64.7	64.8	64.8	64.8	64.9	64.9	64.9	64.9	65.0
≥ 14000	29.9	60.4	62.6	63.9	64.7	65.1	65.4	65.5	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.7
≥ 12000	30.6	62.2	64.4	65.8	66.6	67.0	67.3	67.4	67.4	67.5	67.5	67.5	67.6	67.6	67.6	67.6
≥ 10000	31.6	65.3	67.7	69.2	70.0	70.4	70.7	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.1
≥ 9000	31.8	65.9	68.3	69.8	70.7	71.0	71.3	71.5	71.5	71.6	71.6	71.6	71.7	71.7	71.7	71.7
≥ 8000	32.4	68.3	70.9	72.5	73.4	73.8	74.1	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.5	74.5
≥ 7000	32.6	69.1	71.7	73.3	74.2	74.6	74.9	75.1	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.3
≥ 6000	32.9	69.8	72.5	74.1	75.1	75.4	75.8	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.2
≥ 5000	33.4	71.3	74.1	75.7	76.7	77.1	77.4	77.6	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8
≥ 4500	33.6	72.1	75.0	76.6	77.6	78.0	78.4	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.8
≥ 4000	34.0	73.5	76.4	78.1	79.2	79.6	80.0	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.4
≥ 3500	34.5	75.0	78.0	79.8	80.9	81.3	81.6	81.8	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.1
≥ 3000	35.1	77.0	80.2	82.0	83.2	83.6	84.0	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.5
≥ 2500	35.5	78.8	82.1	84.0	85.3	85.7	86.1	86.3	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.6
≥ 2000	36.1	80.8	84.3	86.3	87.6	88.1	88.5	88.7	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.1
≥ 1800	36.3	81.4	84.9	86.9	88.3	88.7	89.2	89.4	89.5	89.5	89.6	89.6	89.6	89.7	89.7	89.7
≥ 1500	36.5	82.7	86.4	88.6	90.1	90.6	91.1	91.3	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.7
≥ 1200	36.8	84.0	87.8	90.2	91.7	92.2	92.8	93.1	93.1	93.2	93.3	93.3	93.3	93.4	93.4	93.4
≥ 1000	36.9	84.7	88.7	91.2	92.8	93.4	94.0	94.3	94.4	94.5	94.6	94.6	94.7	94.7	94.7	94.8
≥ 900	36.9	85.1	89.3	91.9	93.6	94.2	94.9	95.2	95.3	95.4	95.5	95.5	95.6	95.6	95.6	95.6
≥ 800	36.9	85.5	89.7	92.4	94.2	94.8	95.6	95.9	96.0	96.2	96.2	96.3	96.3	96.3	96.4	96.4
≥ 700	37.0	85.7	90.1	92.8	94.7	95.4	96.1	96.5	96.6	96.8	96.9	96.9	96.9	97.0	97.0	97.0
≥ 600	37.0	85.9	90.4	93.2	95.3	95.9	96.8	97.3	97.4	97.6	97.7	97.7	97.7	97.8	97.8	97.8
≥ 500	37.0	86.1	90.7	93.6	95.7	96.5	97.4	98.0	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.6
≥ 400	37.0	86.1	90.8	93.7	96.0	96.7	97.8	98.4	98.6	98.8	98.9	98.9	99.1	99.1	99.1	99.2
≥ 300	37.0	86.1	90.8	93.8	96.0	96.8	97.9	98.6	98.8	99.1	99.2	99.2	99.4	99.4	99.5	99.6
≥ 200	37.0	86.1	90.8	93.8	96.1	96.8	97.9	98.7	98.9	99.1	99.3	99.4	99.6	99.6	99.7	99.8
≥ 100	37.0	86.1	90.8	93.8	96.1	96.8	97.9	98.7	98.9	99.1	99.3	99.4	99.6	99.6	99.7	100.0
≥ 0	37.0	86.1	90.8	93.8	96.1	96.8	97.9	98.7	98.9	99.2	99.3	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 56611

TOTAL SKY COVER

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

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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SKY COVER

722265 — STATION
MAXWELL AFB AL — STATION NAME
73-81 — 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	60.0									20.0	20.0	3.8	15
	03-05	23.1			7.7						7.7	61.5	7.1	13
	06-08	17.3			13.6						17.6	51.5	7.1	683
	09-11	15.3			16.5						18.9	49.3	7.1	811
	12-14	16.6			19.6						20.8	42.9	6.8	811
	15-17	18.0			19.7						19.8	42.5	6.6	812
	18-20	23.9			19.5						13.7	43.0	6.1	812
	21-23	30.2			13.9						12.0	43.9	5.9	749
TOTALS		25.6			13.8						16.3	44.3	6.3	4706

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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SKY COVER

722265 | MAXWELL AFB AL | 73-81 | FEB
STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	10.0			39.0						10.0	50.0	6.8	10
	03-05										16.7	83.3	9.8	6
	06-08	22.9			18.3						22.6	36.3	6.2	651
	09-11	21.2			21.5						22.8	34.6	6.2	755
	12-14	18.5			25.3						23.7	32.5	6.1	755
	15-17	19.8			29.1						20.6	30.5	5.8	757
	18-20	25.6			27.9						17.9	28.7	5.3	753
	21-23	35.2			20.3						14.0	30.5	4.9	694
TOTALS		19.2			21.6						18.5	40.8	6.4	4378

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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USE WITH CAUTION
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SKY COVER

722265 MAXWELL AFB AL 73-81 MAR

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	14.3										85.7	8.6	7
	03-05										40.0	60.0	9.6	5
	06-08	15.5			18.9						21.9	43.7	6.9	773
	09-11	13.2			21.2						24.5	41.1	7.0	836
	12-14	11.5			23.1						28.8	36.7	7.0	837
	15-17	10.8			23.1						28.1	38.1	7.0	837
	18-20	17.6			23.4						23.5	35.5	6.4	830
	21-23	29.8			18.4						15.7	36.1	5.6	739
TOTALS		14.1			16.0						22.8	47.1	7.3	4864

USAFETAC FORM JUL 64 8-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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SKY COVER

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	5.3									15.8	78.9	9.3	19
	03-05	18.5			18.5						7.4	55.6	6.8	27
	06-08	23.1			19.6						25.8	31.6	6.1	757
	09-11	20.3			25.5						26.5	27.6	5.9	807
	12-14	16.8			27.3						27.2	28.8	6.1	810
	15-17	15.2			29.0						25.1	30.7	6.2	809
	18-20	24.3			25.3						22.5	27.9	5.6	791
	21-23	37.9			20.8						11.6	29.8	4.6	665
TOTALS		20.2			20.8						20.2	38.9	6.3	4685

USAFETAC FORM 0-9-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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SKY COVER

722265 — STATION
MAXWELL AFB AL — STATION NAME
73-81 — 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				50.0						25.0	25.0	6.3	4
	03-05	12.7			26.1						26.1	35.0	6.6	157
	06-08	17.1			21.7						24.8	36.5	6.5	831
	09-11	12.6			31.6						25.2	30.6	6.3	833
	12-14	6.1			38.0						31.7	24.2	6.4	832
	15-17	5.5			40.5						29.0	24.9	6.3	834
	18-20	13.6			33.7						24.7	28.0	6.0	822
	21-23	32.2			25.2						19.6	23.0	4.8	547
TOTALS		12.5			33.4						25.8	28.4	6.2	4860

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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SKY COVER

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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				50.0							50.0	6.5	2
	03-05	7.9			43.0						27.2	21.9	5.9	151
	06-08	15.2			35.3						29.8	19.6	5.7	794
	09-11	11.4			41.6						33.8	13.2	5.6	801
	12-14	1.4			50.4						35.7	12.5	6.0	801
	15-17	3.5			48.6						29.2	18.7	6.0	801
	18-20	14.5			37.3						28.0	20.2	5.7	801
	21-23	32.6			29.9						23.7	13.8	4.4	536
TOTALS		10.8			42.0						25.9	21.2	5.7	4687

USAFETAC FORM AWS 64 0-9-6 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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SKY COVER

722265	MAXWELL AFB AL	73-81	JUL
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02													
	03-05	5.7			38.9						31.2	24.2	6.4	157
	06-08	11.5			33.2						27.4	27.9	6.3	826
	09-11	9.4			39.7						29.7	21.3	6.0	832
	12-14	1.2			43.6						37.9	17.3	6.5	833
	15-17	1.9			39.3						33.1	25.7	6.7	822
	18-20	6.8			30.3						30.5	32.4	6.9	814
	21-23	17.9			34.4						20.1	27.5	5.6	546
TOTALS		7.8			37.1						30.0	25.2	6.3	4832

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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SKY COVER

722265 — STATION
MAXWELL AFB AL — STATION NAME
73-81 — PERIOD
AUG — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	40.0			20.0						10.0	30.0	4.5	10
	03-05	9.7			49.3						23.1	17.9	5.4	134
	06-08	17.9			35.9						24.9	21.3	5.4	827
	09-11	11.4			47.7						28.1	12.9	5.2	837
	12-14	1.6			52.0						35.4	11.1	5.9	837
	15-17	2.4			44.0						33.0	20.6	6.4	834
	18-20	11.0			31.0						35.6	22.4	6.4	831
	21-23	22.6			32.8						24.8	19.8	5.2	561
TOTALS		14.6			39.1						26.9	19.5	5.6	4871

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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SKY COVER

722265 — STATION
MAXWELL AFB AL — STATION NAME
73-81 — 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											100.0	10.0	5
	03-05	26.2			26.2						15.6	32.0	5.4	122
	06-08	15.9			29.8						20.3	34.0	6.1	798
	09-11	13.3			32.3						25.5	28.9	6.2	809
	12-14	4.1			38.0						34.9	23.0	6.6	810
	15-17	7.2			37.4						31.4	24.0	6.4	808
	18-20	20.8			29.0						23.4	26.8	5.7	809
	21-23	33.0			23.2						19.9	23.9	4.9	543
TOTALS		15.1			27.0						21.4	36.6	6.4	4704

USAFETAC FORM AA 64 8-75-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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SKY COVER

722265 — STATION
MAXWELL AFB AL — STATION NAME
73-81 — 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				100.0								3.0	3
	03-05	49.1			21.4						10.7	18.8	3.5	112
	06-08	30.0			33.8						14.3	22.0	4.5	791
	09-11	32.8			31.5						15.5	20.2	4.4	832
	12-14	24.2			40.0						17.5	18.3	4.6	832
	15-17	27.8			33.6						21.2	17.4	4.7	834
	18-20	41.4			26.5						14.1	18.0	3.9	834
	21-23	54.1			18.3						10.9	16.6	3.2	595
TOTALS		32.4			38.1						13.0	16.4	4.0	4833

USAFETAC FORM AWS 0-9-6 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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SKY COVER

722265 — STATION
MAXWELL AFB AL — STATION NAME
73-81 — 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	50.0									16.7	33.3	4.8	6
	03-05	33.3			33.3							33.3	4.3	3
	06-08	25.4			20.8						19.6	34.2	5.8	649
	09-11	25.9			20.2						20.9	33.0	5.8	808
	12-14	22.0			26.5						21.1	30.4	5.7	809
	15-17	21.9			27.5						23.5	27.2	5.7	810
	18-20	35.0			22.4						15.1	27.6	4.8	809
	21-23	45.1			15.7						13.5	25.7	4.3	809
TOTALS		32.3			20.8						16.3	30.6	5.2	4703

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

SKY COVER

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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	33.3			66.7								2.0	3
	03-05													
	06-08	20.8			25.4						19.4	34.4	5.9	567
	09-11	24.4			22.3						19.2	34.2	5.8	767
	12-14	21.3			24.6						23.3	30.8	5.9	765
	15-17	20.2			25.9						24.3	29.7	5.9	754
	18-20	34.0			20.6						13.9	31.6	5.0	729
	21-23	40.8			17.3						12.5	29.4	4.6	718
TOTALS		27.8			29.0						16.1	27.2	5.0	4303

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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SKY COVER

722265 — STATION
MAXWELL AFB AL — STATION NAME
73-81 — 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	25.6			13.8						16.3	44.3	6.3	4706
FEB		19.2			21.6						18.5	40.8	6.4	4378
MAR		14.1			16.0						22.8	47.1	7.3	4864
APR		20.2			20.8						20.2	38.9	6.3	4685
MAY		12.5			33.4						25.8	28.4	6.2	4860
JUN		10.8			42.0						25.9	21.2	5.7	4687
JUL		7.8			37.1						30.0	25.2	6.3	4832
AUG		14.6			39.1						26.9	19.5	5.6	4871
SEP		15.1			27.0						21.4	36.6	6.4	4704
OCT		32.4			38.1						13.0	16.4	4.0	4833
NOV		32.3			20.8						16.3	30.6	5.2	4703
DEC		27.8			29.0						16.1	27.2	5.0	4303
TOTALS		19.4			28.2						21.1	31.4	5.9	56426

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.

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

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.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

722265 MAXWELL AFB AL 37-56, 64-81
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 105							.1						.0
≥ 100						1.6	3.3	2.1	.5				.6
≥ 95					2.5	20.8	25.8	18.0	7.3	.2			6.3
≥ 90				1.0	21.5	59.9	66.3	63.3	35.5	3.0			21.0
≥ 85			2.8	17.2	51.8	86.5	92.5	91.8	68.9	17.0	.2		36.0
≥ 80	.7	2.0	14.7	44.6	78.3	97.2	98.3	98.3	86.5	45.6	6.4	1.1	48.2
≥ 75	6.1	10.1	31.8	67.5	92.0	99.5	99.7	100.0	94.1	68.8	22.2	6.8	58.7
≥ 70	16.7	23.8	50.5	83.6	97.4	99.7	100.0		97.9	85.8	40.6	16.4	68.1
≥ 65	28.7	38.7	66.3	93.4	99.7	100.0			99.5	94.2	60.5	29.8	76.2
≥ 60	43.0	55.8	81.5	98.7	100.0				99.8	98.2	75.5	47.6	83.6
≥ 55	59.1	71.6	90.8	99.6					100.0	99.8	86.9	65.2	89.6
≥ 50	73.1	83.6	96.5	99.9						100.0	94.6	82.6	94.3
≥ 45	86.8	93.0	99.1	100.0							98.7	92.4	97.5
≥ 40	94.1	98.2	99.7								99.4	97.8	99.1
≥ 35	97.7	99.7	99.9								99.9	99.9	99.8
≥ 30	99.2	99.9	100.0								100.0	100.0	99.9
≥ 25	100.0	100.0											100.0
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
MEAN	57.1	60.8	68.6	77.3	84.1	90.3	91.2	90.6	86.4	77.6	66.2	58.9	75.8
S.D.	11.286	10.518	9.867	7.475	6.380	5.127	4.832	4.483	6.590	7.366	9.650	9.901	14.817
TOTAL OBS.	1108	1045	1146	1109	1147	1108	1147	1116	1110	1146	1080	1125	13387

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

722265 MAXWELL AFB AL 37-56, 64-81
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE "MINIMUM"
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 80						.3	.2	.1		.1			.1
≥ 75				.1	.2	14.2	26.2	19.6	4.6	.4			5.5
≥ 70			.3	1.4	13.5	66.1	91.3	85.7	44.7	4.5	.1	.1	25.8
≥ 65	.6	.7	3.7	11.6	48.6	90.2	99.0	98.2	72.5	15.7	2.1	.6	37.3
≥ 60	4.2	4.2	13.3	33.9	74.1	97.9	100.0	100.0	90.3	31.9	8.8	3.6	47.2
≥ 55	9.7	11.0	27.7	56.9	89.6	99.5			96.1	54.1	17.7	8.9	56.4
≥ 50	18.0	18.9	42.7	76.3	97.6	100.0			99.3	73.4	33.5	16.4	65.1
≥ 45	29.2	33.6	60.4	91.4	99.9				99.8	88.8	51.4	29.5	74.0
≥ 40	42.4	51.9	76.8	97.7	100.0				100.0	97.1	68.1	46.7	82.0
≥ 35	60.7	71.6	91.2	99.8						99.7	85.2	66.8	89.7
≥ 33	69.0	79.1	95.4	99.9						99.9	90.2	76.0	92.6
≥ 30	80.4	87.1	98.0	100.0						100.0	95.7	87.2	95.8
≥ 25	92.8	96.2	99.5								98.9	96.6	98.7
≥ 20	96.8	99.4	100.0								99.7	99.5	99.6
≥ 15	99.1	99.8									99.9	100.0	99.9
≥ 10	99.8	100.0									100.0		100.0
≥ 5	100.0												100.0
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
MEAN	38.7	40.7	47.7	55.5	63.1	70.3	72.8	72.2	67.3	55.2	45.0	39.8	55.7
S.D.	10.971	9.988	9.768	7.662	6.021	4.323	2.687	2.991	5.802	8.493	9.834	9.709	14.841
TOTAL OBS.	1108	1045	1146	1109	1147	1100	1107	1116	1110	1146	1080	1125	13387

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 37-56, 64-81 (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						.8	1.3						.2
≥ 85					.5	14.8	22.3	15.6	3.2	.2			9.8
≥ 80				.7	14.3	63.3	80.6	77.3	38.7	2.9			23.3
≥ 75			2.6	11.7	48.5	90.5	98.2	97.8	71.1	12.8	.5	.2	36.9
≥ 70	1.6	2.3	10.7	37.3	78.4	98.4	100.0	100.0	90.0	36.1	6.0	1.5	47.3
≥ 65	7.5	8.6	27.3	63.9	93.8	100.0			97.3	62.6	17.9	6.9	57.6
≥ 60	16.1	20.5	46.0	84.1	99.1				99.1	81.8	35.4	14.9	66.8
≥ 55	26.9	34.9	65.0	94.3	100.0				99.9	94.7	54.9	26.9	75.1
≥ 50	42.5	53.6	80.6	99.1					100.0	99.1	74.5	45.5	83.2
≥ 45	61.2	72.5	93.4	99.8						99.9	89.2	70.2	90.7
≥ 40	79.9	88.1	98.1	100.0						100.0	96.5	88.7	96.0
≥ 35	91.7	96.5	99.7								98.8	96.0	98.6
≥ 30	96.5	99.2	99.9								99.8	99.3	99.6
≥ 25	98.7	99.9	100.0								99.9	99.9	99.9
≥ 20	99.7	100.0									100.0	100.0	100.0
≥ 15	100.0												100.0
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
MEAN	48.0	50.9	58.2	66.5	73.7	80.4	82.1	81.5	77.0	66.5	55.7	49.4	65.8
S.D.	10.419	9.510	9.116	6.827	5.481	4.188	3.313	3.173	5.461	7.134	8.947	8.979	14.457
TOTAL OBS.	1108	1045	1146	1109	1147	1108	1147	1116	1110	1146	1080	1125	13387

USAFETAC FORM JUL 84 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

722265 | MAXWELL AFB AL | 37-56, 64-81

STATION | STATION NAME | YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
37		* 80	79*	87	98	98	97	96	92	90	77	72	
38	74	77	84	89	94	94	96	101	96	91	85	73	101
39	75	81	84	85	92	97	100	96	94	91	78	75	100
40	67	73	82	86	93	94	98	97	97	87	79	73	98
41	75	67	75	87	96	96	97	97	97	94	78	76	97
42									95	86	80	79	
43	79	77	83	93	92	99	102	102	93	88	83	78	102
44	78	81	90	86	94	102	100	97	96	90	80	74	102
45	69	82	88	88	96	100	97	97	98	89	84	65	100
46	77	77	86	89	91	95	94	95	92	86	83	77	95
47	78	72	85	88	92	96	96	103	97	89	75	75	103
48	71	82	86	83	95	98	98	99	95	85	83	77	99
49	83	79	85	87	93	94	98	95	92	89	79	76	98
50	80	80	85	85	93	99	96	95	93	85	84	76	99
51	74	80	85	89	97	98	99	101	99	91	80	82	101
52	78	78	83	88	93	102	104	100	92	91	82	75	104
53	76	75	82	89	98	99	100	100	97	87	79	73	100
54	76	80	88	89	97	104	100	103	100	96	77	75	104
55	75	76	86	90	93	93	98	97	96	93	83	78	98
56	72	81	85	88	95	98	97						
64	68	65	81	85	93	98	91	95	95	84	80	75	98
65	75	77	82	87	93	92	93	94	93	85	84	75	94
66	77	76*	82	88	92	95	105	95	95	87	79	76	105
67	77	75	87	89	93	95	91	92	89	87	84	78	95
68	71	69	85	85	88*	98	100	98	94	89	82	75	100
69	75	78	86	88	96	104	103	93	95	87		74	
70	74	72	79	92	95	97	99	94	95	91	76	81	99
71	82	80	77	87	90	96	100	93	92	91	87	83	100
72	79	81	82	92	88	98	97	97	97	88	83	80	98
73	73	71	86	82	89	91	94	94	93	91	83	77	94
MEAN													
S. D.													
TOTAL OBS.													

(NOTES * (BASED ON LESS THAN FULL MONTHS)

1210 WS [illegible] 0-80-5 (OL-I)

[illegible] AT LEAST ONE DAY A [illegible] THEN 30 OBS.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

722265 | MAXWELL AFB AL | 37-56, 64-81

STATION | STATION NAME | YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
74	78	79	86	85	89	90	93	92	91	81	82	75	93
75	81	81	86	89	95	94	95	95	94	91	82	77	95
76	71	79	87	90	85	95	100	96	95	88	74	67	100
77	65	84	84	90	95	100	101	94	93	91	78*	82	101
78	* 69	71	85	88	94	102	99	97	98	85	84*	82	102
79	* 73	78	82	84	88	97	99	95	94	86	77*	76	99
80	* 73	83	84	88	91	95	104	100	101*	86	79*	76	104
81	* 67	78	82	86	91	100	99	95	94	92	79*	72	100
MEAN	74.8	77.1	83.7	87.8	92.9	97.1	98.1	96.7	94.7	88.6	80.6	75.8	98.8
S. D.	4.261	4.544	2.986	2.310	3.016	3.392	3.373	2.976	2.696	3.018	3.082	3.654	3.030
TOTAL OBS.	1108	1045	1146	1109	1147	1108	1147	1116	1110	1146	1080	1125	13387

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

1200 WS FORM 0-88-5 (OL1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

722265 MAXWELL AFB AL 37-56, 64-81

STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
37		* 26	3?*	39	53	67	62	68	53	32	23	15	
38	22	27	32	38	52	63	68	67	52	36	21	27	21
39	32	26	36	38	48	68	70	63	60	38	29	26	26
40	13	26	31	30	45	59	64	65	48	44	22	30	13
41	29	26	26	45	49	64	71	68	62	48	30	30	26
42									47	33	33	26	
43	22	21	20	38	53	69	64	63	54	38	30	20	20
44	27	25	33	38	43	62	65	65	62	43	34	22	22
45	25	26	38	43	47	62	70	65	59	45	27	17	17
46	26	31	39	44	51	57	68	61	54	44	38	32	26
47	28	19	24	45	49	60	62	70	50	52	32	30	19
48	13	30	32	47	52	63	71	64	58	36	37	26	10
49	29	30	31	39	58	63	71	66	48	44	29	28	28
50	33	33	32	36	61	61	65	64	59	49	14	21	14
51	23	12	33	38	51	67	69	67	57	45	25	20	12
52	26	31	34	38	48	68	69	62	58	33	31	23	23
53	28	29	39	39	54	65	65	64	58	39	35	21	21
54	27	27	28	43	48	57	71	68	59	35	26	25	25
55	24	21	24	45	53	58	68	70	66	38	23	22	21
56	26	34	34	42	51	52	67						
64	19	23	30	42	51	57	66	65	53	37	27	23	19
65	17	22	29	43	49	58	68	66	53	36	27	22	17
66	7	23*	27	39	46	52	68	61	57	43	28	19	7
67	26	20	32	46	50	61	61	65	42	40	32	26	20
68	23	21	25	41	46*	58	69	60	56	33	27	23	20
69	18	29	25	46	52	57	71	64	54	45		29	
70	10	17	31	40	52	60	62	69	54	46	17	24	10
71	16	15	28	36	45	64	67	67	60	41	28	33	15
72	10	24	33	38	53	52	64	68	55	45	32	26	10
73	23	23	36	33	47	64	70	65	54	40	38	25	23
MEAN													
S. D.													
TOTAL OBS.													

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 29 OBS)

1210 WB FORM 0-88-5 (OL-1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

722265 MAXWELL AFB AL 37-56, 64-81

STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
74	35	23	34	39	53	57	65	65	54	39	30	21	21
75	27	31	32	42	60	66	69	71	45	43	31	19	19
76	18	25	41	47	49	60	70	65	55	35	23	21	18
77	5	25	36	46	54	59	72	70	64	40	35*	26	5
78	* 22	24	26	46	52	63	71	69	65	45	45*	28	* 22
79	* 19	22	35	44	51	62	67	62	61	43	26*	27	* 19
80	* 27	22	21	45	52	59	70	67	62*	39	30*	30	21
81	* 15	21	34	44	49	62	67	66	51	44	29*	19	* 15
MEAN	21.9	24.8	31.2	41.2	50.7	61.1	67.5	65.7	55.6	40.6	29.0	24.0	19.8
S.D.	7.893	4.707	5.826	4.211	3.863	4.401	3.042	2.765	5.836	4.912	6.038	4.615	5.357
TOTAL OBS.	2206	1848	1946	1189	1147	1188	1147	1116	1110	1146	1080	1125	13367

NOTES * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | JAN 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
7 / 69			.1															1	1		
6 / 67		.1	.9															7	7	1	
66 / 65		.4	.1															4	4	1	1
64 / 63	.1	1.7	.4															16	16	10	5
62 / 61	.1	1.6	.4															15	15	20	17
6 / 59	.1	2.5	.3															20	20	12	12
58 / 57		2.0	.4															17	17	21	18
56 / 55	.1	2.7	.6															24	24	18	22
54 / 53	.1	2.9	.9															27	27	24	18
52 / 51	.3	2.5	.7	.6														28	28	26	27
5 / 49	.1	3.0	.4	.4		.6	.3											34	34	24	20
4 / 47		2.0	1.7	.4														29	29	25	22
4 / 45	.3	3.8	1.7	.6														44	44	32	26
44 / 43	.1	.9	1.9	.3														22	22	32	20
42 / 41	.3	1.7	2.6	.9	.3	.1												41	41	29	23
4 / 39	.3	3.3	2.5	.6	.1													47	47	30	24
36 / 37	.7	1.7	1.2	.7	.3													32	32	54	29
34 / 35	.6	1.4	3.3	1.4	.3													49	49	37	46
34 / 33		2.5	2.5	.6	.3													40	40	26	27
32 / 31	.1	3.6	4.3	1.3														65	65	50	30
3 / 29		1.7	3.9	.7														44	44	57	33
26 / 27	.3	.7	1.6	.1														19	19	43	26
26 / 25	.4	.7	1.9	.3														23	23	47	34
24 / 23	.4	.7	.7															13	13	22	25
22 / 21		.1	.9															7	7	17	44
2 / 19		1.0	1.0															14	14	9	29
18 / 17		.3	.1															3	3	14	21
16 / 15		.1	.1															2	2	4	23
14 / 13																				2	23
12 / 11		.1																1	1		11
10 / 9		.1																1	1	1	10
8 / 7		.1																1	1	1	10
6 / 5	.1																	1	1	2	5
4 / 3																					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												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | JAN 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
-1 / 1																					5
-2 / -1																					2
TOTAL	4.9	46.5	37.3	9.0	1.3	.7	.3											691	691		691
																		691		691	

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.	4197428	52834	76.5	15.119	691							
Dry Bulb	1252218	28260	40.9	11.794	691		26.1	1.1				93
Wet Bulb	1112539	26431	38.3	12.131	691		36.2	.1				93
Dew Point	940793	23323	33.8	19.919	691	.3	45.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
78/ 77					.1														1	1		
76/ 75							.1												1	1		
74/ 73				.1															1	1		
72/ 71			.4	.2	.1	.1													7	7		
70/ 69			.9	.1															8	8	1	
68/ 67			.6	.1	.1		.1												8	8	4	
66/ 65	.4	.4	.4	.4	.2														14	14	14	6
64/ 63	.1	1.4	.6	.4	.1			.1											22	22	14	11
62/ 61	.1	2.0	.2	.5	.1	.2		.2											28	28	19	20
60/ 59	.1	1.7	.6	.4	.2	.2	.1	.1											29	29	22	16
58/ 57	.1	1.7	.7	.5	.4	.5	.1												33	33	26	23
56/ 55	.4	1.7	.7	.9	.9	.6	.1												43	43	31	29
54/ 53	.4	1.5	.9	.9	.4	.4	.1												36	36	23	25
52/ 51		1.5	1.0	1.2	1.0	.7													44	44	30	15
50/ 49	.2	1.6	1.1	1.4	.9	.7	.2												50	50	39	29
48/ 47	.1	1.2	1.5	1.5	1.0	.4													46	46	42	26
46/ 45	.2	1.6	2.1	1.2	.6	.4	.1												51	51	41	25
44/ 43	.1	2.0	2.0	.7	1.1	.6													53	53	43	28
42/ 41	.1	1.5	1.2	1.2	1.0	.4													44	44	67	32
40/ 39		1.4	2.0	2.1	1.5	.6	.1												62	62	43	45
38/ 37		.7	1.4	1.4	1.4	.4													42	42	48	36
36/ 35		.4	1.2	3.0	1.1														46	46	43	48
34/ 33		.5	1.4	1.4	.7														32	32	36	30
32/ 31	.2	.4	2.5	3.0	.9														56	56	48	37
30/ 29		.2	1.1	1.2															21	21	56	27
28/ 27			.2	.7															8	9	46	25
26/ 25	.2	.1	.7	.1															10	10	34	37
24/ 23			.2	.1															3	3	15	19
22/ 21		.1	.4																4	4	10	43
20/ 19			.4																3	3	7	30
18/ 17		.1	.1																2	2	1	28
16/ 15			.1																1	1	4	32
14/ 13		.1																	1	1	2	21
12/ 11																					1	21

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

FORM AS 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JAN (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
10/ 9		.1																1	1	1	15
8/ 7																					17
6/ 5																					4
4/ 3																					2
2/ 1																					4
0/ -1																					5
TOTAL	3.0	23.9	26.6	24.7	13.8	6.3	1.2	.5										811	812	811	811

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3877264	53998	66.6	18.658	811							
Dry Bulb	1796236	37070	95.7	11.318	812		12.7	3.0	.3			93
Wet Bulb	1487897	33418	41.2	11.713	811		25.8	.6				93
Dew Point	1155012	27088	34.9	15.562	811	.6	92.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | JAN MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81							.1											1	1		
80/ 79							.1	.1										2	2		
78/ 77					.2	.4		.1										6	6		
76/ 75					.5	.1	.1		.1									7	7		
74/ 73				.1	.2	.4	.1		.1	.1								9	9		
72/ 71			.1	.6	.1	.2	.5		.1									14	14		
70/ 69		.1	.4	.7	.4	.4	.5		.1	.1								22	22	5	1
68/ 67		.2	.4	.5	.2	.4	.4			.4								20	20	14	
66/ 65		.1	.6	1.0	.2	.2	.4	1.0	.6	.6								39	39	13	6
64/ 63		1.2	.6	.5	.9	.7	.7	.2	.2									42	42	16	10
62/ 61		1.2	1.1	.5	1.0	.6	.9	.5	.2									49	49	31	25
60/ 59	.1	.7	.7	.5	.9	.9	.4		.2	.1								37	37	29	26
58/ 57	.2	.6	.4	.2	.9	.7	1.1	.4	.2									39	39	32	22
56/ 55	.1	.7	.9	1.1	1.4	1.1	1.0	.6	.1									57	57	34	28
54/ 53	.1	1.1	.5	.5	1.2	.9	1.4	.4										49	49	35	17
52/ 51		1.0	.7		1.1	.9	1.2	.2										42	42	44	26
50/ 49		.4	.7	.4	.4	1.2	1.2	.1										36	36	50	25
48/ 47		1.2	1.1	.5	.9	1.1	.9	.1										47	47	47	24
46/ 45	.2	1.5	.6	.4	.9	1.6	.9											49	49	51	38
44/ 43	.1	.4	1.4	.7	1.4	1.1	1.1											50	50	50	27
42/ 41		.7	.6	1.0	1.4	2.3	.4											52	52	39	41
40/ 39		.2	.6	.4	1.9	1.9												40	40	53	27
38/ 37			.2	.6	.7	1.0												21	21	39	40
36/ 35			.2	1.1	1.2	.4												24	24	43	31
34/ 33			1.0	.9	1.1													24	24	43	20
32/ 31	.1	.2	.1	1.1	.6													18	18	54	25
30/ 29				.4	.2													5	7	29	37
28/ 27		.2		.1														3	3	26	24
26/ 25		.1	.1	.1														3	3	19	36
24/ 23			.1															1	1	7	27
22/ 21																				5	34
20/ 19		.1																1	1		34
18/ 17																				1	24
16/ 15																					39

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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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																					25
12/ 11																					14
10/ 9																					20
8/ 7																					24
6/ 5																					5
4/ 3																					1
2/ 1																					6
TOTAL	1.1	12.4	13.3	14.0	19.9	18.5	13.3	3.8	2.2	1.4									811		809
																		809		809	

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	≤ 88 F	≤ 93 F	Total
Rel. Hum.	2807249	44531	55.0	20.992	809							
Dry Bulb	2283207	42013	51.8	11.481	811		3.8	9.3	2.9	.3		93
Wet Bulb	1709084	36052	44.6	11.262	809		16.2	2.2				93
Dew Point	1178418	27989	34.6	16.129	809		43.1	.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 79						.1	.1											2	2		
78 / 77						.9	.2	.1		.1								11	11		
76 / 75						.1				.1								2	2		
74 / 73				.4	.4	.1			.1	.1								9	9		
72 / 71			.2	.7	.9		.1			.1								17	17		
70 / 69			.7	.6	.5	.1	.6	.1	.4	.2								27	27	4	
68 / 67			.2	.6	.6	.2	.4	.1		.9								25	25	13	
66 / 65		.6	.2	1.0	.2	.2	.5	.4	.4	.4								32	32	19	4
64 / 63		.9	.6	.4	.5	1.0	.9	1.0										42	42	20	15
62 / 61		.9	.4	.4	.2	.7	.5	.7	.2									33	33	20	21
60 / 59	.1	1.6	.7	.4	1.6	1.6	.4	.6	.2	.1								60	60	32	25
58 / 57		1.0	.2	.6	.7	1.1	.7	.5	.4	.1								44	44	29	25
56 / 55		.6	1.2	1.0	1.1	1.1	.7	1.5										59	59	29	31
54 / 53		2.0	.5	.1	.6	.5	2.1	.4										50	50	40	22
52 / 51		.9	.4	.6	.2	.7	1.0	.1										32	32	55	12
50 / 49		.6	.2	.5	.7	1.8	1.2	.4										45	45	51	31
48 / 47	.2	1.2	.7	.9	1.4	1.8	1.0	.5										63	63	49	19
46 / 45	.2	1.2	.4	.6	1.0	1.6	.9											48	48	47	41
44 / 43	.1	.5	.9	.4	.4	1.6	.7											37	37	47	28
42 / 41		.4	1.1	.4	1.5	1.1	.9											43	43	51	30
40 / 39			.6	.4	1.4	1.6	.1											33	33	49	37
38 / 37			.7	.6	1.2	1.0												29	29	45	37
36 / 35			.1	1.0	1.6	.6												27	27	43	26
34 / 33			.4	.1	1.4													15	15	39	25
32 / 31	.1	.2	.2	.1	.7													12	12	41	29
30 / 29	.1	.2		.4	.1													7	7	37	30
28 / 27			.1	.1														2	2	22	36
26 / 25		.2	.2															4	4	15	36
24 / 23		.1																1	1	10	31
22 / 21																				4	30
20 / 19																					46
18 / 17																					21
16 / 15																					17
14 / 13																					20

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1 / 11																					28
10 / 9																					20
/ 7																					17
/ 5																					7
/ 3																					8
/ 1																					5
/ -1																					1
TOTAL	1.0	13.2	11.3	12.2	19.0	19.9	13.1	6.4	1.7	2.2									811		811
																		811		811	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2739040	43750	53.9	21.629	811							
Dry Bulb	2330640	42514	52.4	11.221	811		3.0	10.7	2.8	.1		93
Wet Bulb	1729382	36360	44.8	11.069	811		14.8	1.9				93
Dew Point	1173758	27920	34.4	16.178	811	.1	43.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | JAN 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
72/ 71				.5														4	4			
7 / 69			.2	.2														4	4			
6 / 67		.1	1.1	.4	.1													14	14			
66/ 65		.6	.5	1.0	.1													18	18	8		
64/ 63		1.4	2.1	.1	.4	.2												34	34	22	8	
62/ 61	.1	1.2	.6	.2	.9	.2		.1										28	28	22	21	
6 / 59		1.7	1.0	.5	.5	.4	.1											34	34	32	24	
58/ 57	.1	1.1	.2	.2	1.0	.6	.1	.2										30	30	22	31	
5 / 55		1.7	.6	.9	1.4	1.1	.2											48	48	25	20	
54/ 53		1.8	1.4	.9	.9	.6	.5											49	49	24	22	
52/ 51		2.2	1.4	1.7	1.0	.7	.7											63	63	28	15	
50/ 49	.1	1.1	.9	1.4	.9	1.4	.4											49	49	52	37	
4 / 47	.6	.6	1.6	1.0	.9	1.1												47	47	55	25	
4 / 45	.4	.5	2.1	1.0	2.5	.1												53	53	45	28	
44/ 43	.1	.9	1.6	1.6	1.5	.4												49	49	49	25	
42/ 41	.4	.9	1.2	1.5	1.0	.2												42	42	49	41	
40/ 39		.7	1.8	2.2	2.0	.2												57	57	61	44	
38/ 37		.4	1.0	2.2	1.0	.1												38	38	50	38	
36/ 35		.1	1.8	1.6	2.3													48	48	42	25	
34/ 33		.2	.6	1.2	1.1													26	26	42	34	
32/ 31		1.0	.2	2.5	.9													37	37	44	36	
30/ 29	.4		.9	.9														17	17	46	38	
28/ 27			.6	.7														11	11	31	43	
26/ 25			.2	.2														4	4	31	42	
24/ 23		.4	.4															6	6	17	38	
22/ 21		.1	.1															2	2	10	21	
20/ 19																				5	29	
18/ 17																					14	
16/ 15																					17	
14/ 13																					30	
12/ 11																					32	
10/ 9																					14	
8/ 7																					9	
6/ 5																					5	

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

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 3																					4
4/ 1																					2
TOTAL	2.2	18.8	24.3	24.6	20.1	7.5	2.1	.4										812			812
																	812		812		

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.	3618345	52065	64.1	18.580	812							
Dry Bulb	1899219	38313	47.2	10.621	812		8.8	2.5				93
Wet Bulb	1542434	34232	42.2	11.065	812		21.1					93
Dew Point	1167406	28262	34.8	15.052	812		42.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 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
7 / 69			.3															2	2			
68 / 67			.7															5	5			
66 / 65		.4	.3	.4														8	8	2		
64 / 63		1.9	.7	.3														21	21	8	4	
62 / 61	.1	1.9	1.2	.5	.1													29	29	20	16	
60 / 59	.1	1.7		.3	.1													17	17	29	20	
58 / 57		1.7	.7	.5	.7	.1	.1											29	29	20	23	
56 / 55	.1	.9	.9	.8	1.1	.3												31	31	16	19	
54 / 53		1.9	.8	.1	.1	.4	.1											26	26	16	13	
52 / 51		3.2	2.8	.8	.5	.4	.1											59	59	31	12	
50 / 49	.3	1.4	1.7	.7	1.3	.5												44	44	44	35	
48 / 47	.1	.5	1.6	1.2	.8	.9												39	39	40	29	
46 / 45	.3	.9	1.7	1.5	.5	.1												38	38	31	28	
44 / 43	.4	1.2	2.8	1.7	.3													48	48	34	24	
42 / 41	.4	1.5	2.7	1.2	.4	.1												47	47	53	34	
40 / 39	.1	2.0	2.1	2.0	.5													51	51	50	25	
38 / 37		.8	1.7	1.9	.5													37	37	55	38	
36 / 35		.7	2.4	1.7	.3													38	38	41	34	
34 / 33		.9	2.3	2.9	.9													53	53	34	38	
32 / 31	.1	1.7	2.0	2.8	.4													53	53	42	44	
30 / 29	.4	.3	1.7	1.5														29	29	55	37	
28 / 27	.1	.1	1.6	.9														21	21	36	32	
26 / 25			1.1	.3														10	10	39	38	
24 / 23		.3	.5															6	6	28	28	
22 / 21		.1	.3															3	3	14	23	
20 / 19		.3	.4															5	5	4	27	
18 / 17		.1																1	1	6	16	
16 / 15		.1																1	1	3	23	
14 / 13																					35	
12 / 11																					31	
10 / 9																					13	
8 / 7																					3	
6 / 5																					4	
4 / 3																					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) 78 04 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 1																					1
TOTAL	2.7	26.5	34.9	24.0	8.7	2.9	.4											751		751	751
																	751		751		

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.	3815444	52034	69.3	16.741	751							
Dry Bulb	1533942	32934	43.9	10.934	751		16.0	.9				93
Wet Bulb	1294689	30013	40.0	11.269	751		28.1					93
Dew Point	1021293	25993	33.9	14.572	751		49.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | JAN MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81							.3											1	1		
80/ 79						.0	.0	.0										4	4		
78/ 77					.1	.2	.0	.0		.0								18	18		
76/ 75					.1	.0	.0		.0	.0								10	10		
74/ 73				.1	.1	.1	.0		.0	.0								19	19		
72/ 71			.1	.4	.2	.1	.1		.0	.0								42	42		
70/ 69		.0	.4	.3	.1	.1	.2	.0	.1	.1								64	64	10	1
68/ 67		.1	.7	.3	.2	.1	.1	.0		.2								80	80	32	
66/ 65	.1	.5	.4	.6	.1	.1	.1	.2	.2	.2								117	117	57	17
64/ 63	.0	1.4	.8	.3	.3	.3	.3	.2	.0									178	178	93	56
62/ 61	.1	1.5	.7	.4	.4	.3	.2	.3	.1									183	183	133	121
60/ 59	.1	1.7	.6	.3	.6	.5	.2	.1	.1	.0								199	199	158	125
58/ 57	.1	1.3	.4	.4	.6	.5	.4	.2	.1	.0								193	193	151	143
56/ 55	.1	1.4	.8	.8	1.0	.7	.4	.4	.0									263	263	153	149
54/ 53	.1	1.8	.8	.4	.6	.5	.7	.1										238	238	163	117
52/ 51	.0	1.8	1.1	.8	.7	.6	.5	.1										268	268	214	107
50/ 49	.1	1.3	.9	.8	.7	1.1	.6	.1										259	259	261	177
48/ 47	.2	1.2	1.4	.9	.8	.9	.3	.1										278	278	259	146
46/ 45	.3	1.6	1.4	.9	.9	.7	.3											287	287	254	186
44/ 43	.2	1.0	1.7	.9	.8	.6	.3											261	261	259	160
42/ 41	.2	1.1	1.5	1.0	.9	.7	.2											270	270	290	206
40/ 39	.1	1.2	1.6	1.3	1.3	.7	.0											290	290	286	203
38/ 37	.1	.6	1.0	1.2	.9	.4												199	199	293	218
36/ 35	.1	.4	1.5	1.6	1.2	.2												232	232	249	210
34/ 33		.6	1.3	1.2	.9													190	190	220	175
32/ 31	.1	1.1	1.5	1.8	.6													241	241	279	202
30/ 29	.1	.4	1.2	.8	.1													124	126	280	203
28/ 27	.1	.2	.7	.5														65	66	204	186
26/ 25	.1	.2	.7	.2														54	54	186	223
24/ 23	.1	.2	.3	.0														30	30	100	168
22/ 21		.1	.3															17	17	60	195
20/ 19		.2	.3															23	23	26	195
18/ 17		.1	.0															6	6	22	125
16/ 15		.0	.0															4	4	11	151

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	≥ 92 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) 80 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
14/ 13		.0																1	1	4	154
12/ 11		.0																1	1	1	137
10/ 9		.0																2	2	2	94
8/ 7		.0																1	1	1	80
6/ 5	.0																	1	1	2	30
4/ 3																					22
2/ 1																					23
0/ -1																					8
TOTAL	2.4	23.1	24.2	18.2	14.1	9.5	5.2	1.9	.7	.6								4716			4713
																	4713		4713		

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	21234327	301433	64.0	20.381	4713							
Dry Bulb	11166206	222484	47.2	11.922	4716		90.4	37.5	8.2	.6		744
Wet Bulb	8940853	197803	42.0	11.639	4713		186.0	6.6				744
Dew Point	6692638	162030	34.4	15.439	4713	1.3	396.7	.2				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

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 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
72/ 71		.2																1	1		
70/ 69		.3		.2		.2												4	4	1	1
68/ 67	.2	.2	.2															3	3	3	3
66/ 65	.2	1.2	.3															11	11	3	3
64/ 63	.5	.5	.3		.2													9	9	13	6
62/ 61		2.3	.3															17	17	10	9
60/ 59		1.4	.8	.6														18	18	17	11
58/ 57	.2	2.1	.9	.2	.2													23	23	13	15
56/ 55	.2	2.9	1.2	.8	.2													34	34	23	18
54/ 53		.6	.6	.5	.2													12	12	23	18
52/ 51		.8	2.1	.8														24	24	15	18
50/ 49		2.4	1.2	1.1	.2													32	32	17	14
48/ 47	.2	3.5	1.4	2.1														47	47	37	25
46/ 45	.2	2.9	1.5	.8	.3													37	37	37	23
44/ 43		2.3	3.0	1.1	.2													43	43	42	29
42/ 41		2.0	1.8	.8	.9													36	36	34	35
40/ 39		1.8	2.6	.6	.2													34	34	36	22
38/ 37		2.9	2.7	1.5	.2													48	48	39	31
36/ 35	.2	3.2	3.6	1.7	.2													58	58	44	40
34/ 33		2.6	2.7	1.2	.6													47	47	49	34
32/ 31		2.4	3.0	1.4														45	45	49	38
30/ 29	.2	1.2	1.5	.5														22	22	45	39
28/ 27		1.5	2.1	.2														25	25	37	35
26/ 25		.5	2.0	.2														17	17	28	33
24/ 23		.5	.2															4	4	24	19
22/ 21		.2	1.2															9	9	11	28
20/ 19																				7	38
18/ 17																				3	12
16/ 15																					15
14/ 13																					24
12/ 11																					14
10/ 9																					5
8/ 7																					1
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												

FORM 30-64 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL 73-81 FEB
STATION STATION NAME YEARS MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
4/ 3																					1
4/ 1																					2
TOTAL	1.7	42.0	37.3	15.8	3.2	.2												660	660	660	660

Element (X)	$\Sigma_n X^1$	$\Sigma_n X$	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3785003	49113	74.4	14.063	660							
Dry Bulb	1278789	28161	42.7	10.824	660		15.5	1.0				84
Wet Bulb	1117611	26145	39.6	11.160	660		26.0	.5				84
Dew Point	924437	22973	34.8	13.762	660		38.8	.5				84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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
80/ 79					.1													1	1		
78/ 77				.1				.1										2	2		
76/ 75			.3		.1	.4												6	6		
74/ 73			.1	.1	.4					.1								6	6		
72/ 71		.3		.3		.1	.4		.1									9	9	5	1
70/ 69		.1	.3	.5	.1	.3		.4	.3	.1								16	16	3	7
68/ 67	.1	.1	.4	.1	.4	.4	.4	.7	.3									22	22	4	1
66/ 65	.3	.4	.8	.5	.8	.3	.9		.3									32	32	14	4
64/ 63		1.2	.8	.7	.4	.7	.1	.3	.1									32	32	10	5
62/ 61		.8	.7	.5	.7	.9	.3	.4										32	32	23	13
60/ 59	.3	1.3	1.6	1.1	.1	.8	1.1											47	47	24	23
58/ 57	.1	.7	1.1	.9	1.1	1.2	.7	.3										45	45	32	16
56/ 55		.3	.9	.4	.7	.9	.3	.1										27	27	33	18
54/ 53	.1	.4	.5	.9	1.4	.8	.4	.3										37	37	48	28
52/ 51		.8	1.4	.9	1.7	.8	.3	.3										47	47	36	23
50/ 49		1.2	.5	.9	1.7	1.3	.9											50	50	31	23
48/ 47		.9	.4	2.1	.9	.9	.4	.1										44	44	50	27
46/ 45		.5	1.2	2.0	1.4	1.6												51	51	44	32
44/ 43		.5	.9	1.4	1.6	.4	.1											38	38	31	34
42/ 41		.4	1.1	2.4	.9	.8												42	42	57	25
40/ 39	.1		2.6	.9	1.6	.7												45	45	46	30
38/ 37		.4	.9	1.7	1.8	.1												38	38	57	33
36/ 35		.5	.8	2.4	.8													34	34	51	51
34/ 33	.1		.1	1.6	.7													19	19	37	37
32/ 31			.7	1.6	.1													18	18	37	48
30/ 29		.1	1.1	.7														14	14	30	44
28/ 27			.4	.1														4	4	24	25
26/ 25																				21	21
24/ 23				.3														2	2	9	18
22/ 21			.1															1	1	1	33
20/ 19																				2	40
18/ 17																				1	26
16/ 15																					20
14/ 13																					25

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1./ 11																					18
1./ 9																					5
8/ 7																					1
6/ 5																					3
4/ 3																					2
2/ 1																					1
TOTAL	1.2	10.9	19.6	25.1	19.6	13.3	6.2	2.9	1.1	.3								761	761	761	761

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2940984	45328	59.6	17.810	761							
Dry Bulb	2018369	38233	50.2	11.328	761		4.3	6.8	1.7			84
Wet Bulb	1565412	33478	44.0	11.041	761		13.8	1.3				84
Dew Point	1130099	27173	35.7	14.502	761		36.4	1.8				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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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
84/ 83										.1	.1							2	2		
82/ 81						.1					.1							2	2		
80/ 79						.1		.3		.1			.1					5	5		
78/ 77				.1	.1	.1	.5	.3	.1	.1	.8	.1	.3					20	20		
76/ 75						.5	.3	.3	.1	.4	.7	.1						18	18		
74/ 73		.1	.3	.1	.3	.4	.4		.5	.5	.1							21	21		
72/ 71			.3	.1	.5	.8	.4	.7	.9	.8	.4							37	37	6	
70/ 69		.3	.5	.3	.5	.9	1.3	1.6	.5	.9								52	52	5	6
68/ 67		.1	.5	.4	.7	1.2	.5	.1	.9	.8								40	40	5	3
66/ 65		.4	1.0	1.0	.8		.4	.1	1.3	.8								45	45	20	5
64/ 63		.1	.3	1.0	.3	.8	.1	.8	1.8	.1								41	41	23	6
62/ 61		.3	.4	.1	.1	.1	.7	1.8	.9									34	34	31	12
60/ 59		.9	.7		.4	.3	.5	.4	.7									29	29	37	18
58/ 57		.4	.7	.3	.8	.5	.7	1.4	.7									41	41	63	21
56/ 55			.3	.7	.1	.9	1.4	.8	.9									39	39	34	27
54/ 53		.3	.4	.4	1.4	.8	1.3	2.2	.3									54	54	29	33
52/ 51		.3	.1	.4	1.0	1.2	1.4	1.0										42	42	30	23
50/ 49			.4	.1	1.3	1.6	.7	.5										35	35	54	20
48/ 47		.7	.3	1.0	.9	.7	1.4	.3										40	40	42	14
46/ 45		.9	.4	.4	.4	1.0	1.0											32	32	44	24
44/ 43		.3	1.8	.7	1.0	.9	.5											40	40	54	26
42/ 41			1.2	.5	1.0	1.3												31	31	62	32
40/ 39		.3	.4	.3	1.2	.8												22	22	64	23
38/ 37		.4	.1	.3	1.2	.5												19	19	35	35
36/ 35				.3	.7													7	7	42	48
34/ 33				.1	.7													6	6	23	47
32/ 31				.3	.1													3	3	23	47
30/ 29		.1	.3															3	3	19	39
28/ 27	.1	.1																2	2	11	26
26/ 25																				5	36
24/ 23																				1	21
22/ 21																					23
20/ 19																					31
18/ 17																					30

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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
16/ 15																					27
14/ 13																					27
12/ 11																					16
10/ 9																					9
8/ 7																					4
6/ 5																					2
4/ 3																					1
TOTAL	.1	5.9	10.2	8.9	15.6	15.6	13.6	12.6	9.7	4.7	2.2	.3	.4						762		762
																		762		762	

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.	2025557	36281	47.6	19.792	762							
Dry Bulb	2583691	43463	57.0	11.727	762		.9	21.7	7.5	.9		84
Wet Bulb	1788647	36021	47.3	10.436	762		6.5	1.8				84
Dew Point	1117946	26948	35.4	14.722	762		37.9	1.0				84

USAFETAC FORM AWS 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83										.3								2	2		
82/ 81									.1	.1			.3					4	4		
80/ 79								.3	.1		.1							4	4		
78/ 77						.1	.1		.4		1.6	.4	.3					22	22		
76/ 75				.1	.4	.5	.4		.3	.3	.5	.4						22	22		
74/ 73			.1	.5		.5	.5	.1	.7	.5	.1							24	24		
72/ 71		.3	.3	.7	.8	.7	.5	1.1	.8	.4	.7							46	46		
70/ 69		.4	.4	.1	.5	.9	.5	1.1	.7	.9	.5							46	46	4	1
68/ 67			.4	.8	.9	.8	.3	.3	.8	1.2	.4							44	44	16	5
66/ 65			.8	.5	.8	.5	.1	.8	.8	.8	.1							40	40	20	7
64/ 63		.5	.3	.5		.4	.5	.9	2.0	.3								41	41	21	7
62/ 61		.8	.3	.4	.4		.4	1.3	1.4	.1								39	39	35	13
60/ 59		.7	.1		.3	.1	1.1	1.2	1.2	.1								36	36	33	24
58/ 57	.1	.3	1.2		.1	.4	.5	1.7	1.4	.4								47	47	63	21
56/ 55		.3	.1	.3	.7	.7	1.6	2.2	.5									48	48	34	17
54/ 53			.1	.1	1.1	.5	1.6	.8										32	32	26	32
52/ 51			.5	.8	.8	1.3	.7	.9	.3									40	40	33	22
50/ 49		.1	.8	.5	1.8	1.2	.5	.7										43	43	44	12
48/ 47		.7	.9	.3	.9	.9	1.7	.7										46	46	60	19
46/ 45		.8	.4	.5	.4	1.6	1.1											36	36	49	20
44/ 43		.3	.9		.4	1.1	.4											23	23	69	26
42/ 41	.1	.3	.7	.7	.8	1.3												29	29	70	30
40/ 39	.1	.1	.3	.4	.8	.9												20	20	41	43
38/ 37			.4	.1	.9	.7												16	16	27	24
36/ 35				.3	.7													7	7	50	45
34/ 33			.1															1	1	25	29
32/ 31		.1	.1															2	2	16	60
30/ 29																				19	32
28/ 27																				5	41
26/ 25																					36
24/ 23																					31
22/ 21																					30
20/ 19																					20
18/ 17																					26

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) FEB (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
1[illegible] / 15																					25
1[illegible] / 13																					23
1[illegible] / 11																					22
[illegible] / 9																					11
[illegible] / 7																					6
TOTAL	.4	5.5	9.2	7.6	13.4	15.1	12.5	13.9	11.4	5.4	4.1	.8	.5					760	760	760	760

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	1906264	34748	45.7	20.454	760							
Dry Bulb	2668459	44207	58.2	11.309	760		.2	23.7	8.6	.9		84
Wet Bulb	1809981	36303	47.8	9.999	760		4.4	2.2				84
Dew Point	1098997	26669	35.1	14.662	760		40.1	.7				84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75							.1	.1										2	2		
74/ 73						.3												2	2		
72/ 71			.3	.4	.1	.4		.3										11	11		
70/ 69		.1	.4	.5	.4	.5	.3	.3	.5	.3								25	25		
68/ 67		.5	.5	.9	.5	.1	.7	.8	.3									33	33	5	2
66/ 65		.4	.4	1.3	.5	.4	.5	.7	.3									34	34	11	6
64/ 63		1.6	.4	.3	1.1	.8	1.2	1.1	.1									49	49	16	9
62/ 61	.3	.8	.4	.5	.5	.7	1.1	.5	.4	.1								40	40	34	11
60/ 59		.1	.9	.3	.9	.9	.4	.5	.1									32	32	23	22
58/ 57	.1	.9	1.3	.5	.5	.8	.9	.5										43	43	23	20
56/ 55	.1	.5	.3	.8	.4	2.1	.9	.1										40	40	39	20
54/ 53		.7	.7	.5	.5	1.1	1.3	.3										38	38	38	16
52/ 51		.4	.5	.8	1.2	1.1	1.7											43	43	45	30
50/ 49			1.7	.9	1.7	2.8	.9											61	61	31	16
48/ 47		1.6	.5	1.7	1.7	1.7	.1											56	56	40	19
46/ 45		.9	1.1	2.0	1.5	1.6	.3											55	55	59	26
44/ 43			1.1	1.7	.9	.7	.1											34	34	53	33
42/ 41		.4	1.5	1.2	2.5	.8												48	48	49	38
40/ 39		.3	.7	1.6	1.7	.7												37	37	79	29
38/ 37		.5	1.2	1.1	1.1	.1												30	30	51	38
36/ 35			.3	1.3	1.2													21	21	41	41
34/ 33			.5	.3	.9													13	13	43	45
32/ 31				.5	.3													6	6	27	55
30/ 29																				23	40
28/ 27																				14	35
26/ 25																				9	44
24/ 23																					27
22/ 21																					25
20/ 19																					32
18/ 17																					23
16/ 15																					14
14/ 13																					13
12/ 11																					11
10/ 9																					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	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AS-44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-/ 7																					2
TOTAL	.5	9.8	14.6	19.3	20.3	17.5	10.6	5.2	1.7	.4								753	753		753
																		753		753	

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.	2623504	42268	56.1	18.265	753							
Dry Bulb	2127704	39286	52.2	10.188	753		.7	8.1	.4			84
Wet Bulb	1599560	33894	45.0	9.915	753		8.1	.6				84
Dew Point	1105692	26988	35.8	13.567	753		37.0	.2				89

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | FEB MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71				.1														1	1		
70/ 69			.3	.3														4	4		
68/ 67	.1		.4	.7														9	9	1	1
66/ 65	.3	1.1	.6	.9	.4	.4	.3											28	28	8	3
64/ 63	.1	1.3	.7	.4	1.1	.3												28	28	13	10
62/ 61	.3	1.4	.7	1.6	.4	.3	.6											37	37	25	14
60/ 59		.4	.3	1.0	.4	.9	.3	.3										25	25	18	15
58/ 57	.1	1.4	2.0	1.0	1.0	.6	.3	.1										46	46	17	23
56/ 55		.7	1.3	.4	.3	.4	.3											24	24	31	8
54/ 53		.7	1.1	1.0	1.1	.1	.1											30	30	37	16
52/ 51		.9	.7	1.1	1.0	1.6	.1											38	38	27	34
50/ 49		.9	2.3	1.1	.7	.4												38	38	33	21
48/ 47		1.9	1.7	1.9	1.0	.4												48	48	31	22
46/ 45		1.1	2.0	2.4	1.1	1.1												55	55	53	27
44/ 43		.1	1.6	2.3	1.6	.3												41	41	37	31
42/ 41		1.0	2.4	1.9	1.7	.3												51	51	43	31
40/ 39		.3	4.9	2.0	1.4													60	60	49	29
38/ 37		1.7	2.9	1.7	1.4	.1												55	55	50	33
36/ 35		.3	.6	2.3	1.0													29	29	77	40
34/ 33			1.1	1.7	.9													26	26	41	32
32/ 31			.4	1.9	.3													18	18	26	66
30/ 29			.3	.6														6	6	36	41
28/ 27																				25	31
26/ 25																				13	28
24/ 23																				6	21
22/ 21																					20
20/ 19																					31
18/ 17																					22
16/ 15																					8
14/ 13																					17
12/ 11																					12
10/ 9																					7
8/ 7																					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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

72265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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
TOTAL	1.0	15.4	28.4	28.4	17.1	7.3	2.0	.4										697	697	697	697

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.	3103247	45123	64.7	16.172	697							
Dry Bulb	1680143	33509	48.1	9.969	697		2.9	1.7				84
Wet Bulb	1361662	29970	43.0	10.241	697		12.8	.1				84
Dew Point	1035019	25171	36.1	13.455	697		37.0	.1				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

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 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				
-4/ 83										.1	.0							4	4		
82/ 81						.0			.0	.0	.0		.0					6	6		
80/ 79					.0	.0		.1	.0	.0	.0		.0					10	10		
78/ 77				.0	.0	.0	.1	.1	.1	.0	.4	.1	.1					44	44		
76/ 75			.0	.0	.1	.2	.1	.1	.1	.1	.2	.1						48	48		
74/ 73		.0	.1	.1	.1	.2	.2	.0	.2	.2	.0							53	53		
72/ 71		.1	.1	.3	.2	.3	.2	.3	.3	.2	.2							105	105	11	1
70/ 69		.2	.3	.3	.3	.5	.4	.6	.3	.4	.1							147	147	13	15
68/ 67	.1	.2	.4	.5	.4	.4	.3	.3	.4	.3	.1							153	153	34	15
66/ 65	.1	.7	.7	.7	.6	.3	.4	.3	.5	.3	.0							197	197	81	32
64/ 63	.1	.9	.5	.5	.5	.5	.3	.5	.7	.1								203	203	102	48
62/ 61	.1	1.0	.5	.5	.4	.3	.5	.7	.5	.0								201	201	161	77
60/ 59	.0	.8	.7	.5	.4	.5	.6	.4	.3	.0								187	187	152	113
58/ 57	.1	.9	1.2	.5	.6	.6	.5	.7	.4	.1								245	245	211	116
56/ 55	.0	.7	.7	.5	.4	.9	.8	.6	.2									212	212	194	108
54/ 53	.0	.4	.6	.6	1.0	.6	.8	.6	.0									203	203	201	143
52/ 51		.5	.9	.8	1.0	1.0	.7	.4	.0									235	235	186	150
50/ 49		.7	1.1	.8	1.3	1.2	.5	.2										259	259	210	106
48/ 47	.0	1.5	.8	1.5	.9	.8	.6	.2										282	282	260	126
46/ 45	.0	1.2	1.1	1.3	.9	1.2	.4											266	266	287	152
44/ 43		.5	1.5	1.2	1.0	.6	.2											219	219	286	180
42/ 41	.0	.6	1.4	1.2	1.3	.8												237	237	316	191
40/ 39	.0	.4	1.8	1.0	1.2	.5												218	218	315	176
38/ 37		.9	1.3	1.0	1.1	.3												206	206	259	194
36/ 35	.0	.6	.8	1.3	.7													156	156	305	265
34/ 33	.3	.4	.7	.8	.6													112	112	218	224
32/ 31		.4	.7	.9	.1													92	92	178	314
30/ 29	.0	.2	.5	.3														45	45	172	236
28/ 27	.0	.2	.4	.0														31	31	116	193
26/ 25		.1	.3	.0														17	17	76	198
24/ 23		.1	.0	.0														6	6	40	137
22/ 21		.0	.2															10	10	12	159
20/ 19																				9	192
18/ 17																				4	139

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | FEB MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1[illegible] / 15																					109
14 / 13																					129
1[illegible] / 11																					93
[illegible] / 9																					48
[illegible] / 7																					17
[illegible] / 5																					6
4 / 3																					4
[illegible] / 1																					3
TOTAL	.9	14.5	19.3	17.3	15.0	11.8	7.7	6.0	4.1	1.9	1.1	.2	.2					4409	4409		4409
																		4409		4409	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	16520751	254323	57.7	20.490	4409							
Dry Bulb	12420724	227864	51.7	12.090	4409		30.6	86.9	25.1	2.4		672
Wet Bulb	9300736	196790	44.6	10.833	4409		92.5	8.8				672
Dew Point	6971285	156883	35.6	14.201	4409		301.3	9.7				672

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | MAR 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
[illegible] / 79					.1													1	1		
76 / 75			.1	.1		.1												3	3		
74 / 73			.4	.4	.1	.1												8	8		
72 / 71		.3	1.4		.1													14	14	3	
70 / 69		.5	.8	.3		.1												13	13	10	3
68 / 67		.3	.6	.5	.4	.3	.3											18	18	17	16
66 / 65		1.7	1.4		.4													27	27	9	12
64 / 63	.1	.9	1.9	1.4	.1	.1	.1											37	37	25	12
62 / 61	.1	1.9	3.4	.8	.4													51	51	23	20
60 / 59	.3	1.9	2.6	.9	.3	.3	.3											50	50	45	24
58 / 57	.6	3.1	1.8	.8	1.6	.1												62	62	61	42
56 / 55	.1	2.2	3.1	1.9	.8	.6	.1											69	69	58	57
54 / 53	.1	2.1	2.7	1.3	1.3													58	58	39	48
52 / 51	.3	1.2	2.2	.9	.3	.1												38	38	48	37
50 / 49		1.7	3.0	1.7	.8	.1												56	56	58	42
48 / 47		1.3	1.8	.9	1.0	.5												43	43	56	38
46 / 45		2.3	2.8	1.8	1.2													63	63	48	49
44 / 43		1.7	1.3	2.1	.5													43	43	47	33
42 / 41		.4	1.8	1.6														29	29	49	51
40 / 39		.8	1.9	1.3	.3													33	33	42	39
38 / 37		.8	1.2	.6														20	20	55	51
36 / 35		1.0	1.2	.4														20	20	30	23
34 / 33		.3	.5	.1														7	7	24	33
32 / 31		.1	.1															2	2	9	51
30 / 29			.1															1	1	8	30
28 / 27			.1	.1														2	2	1	23
26 / 25			.4															3	3	1	10
24 / 23			.1															1	1	3	5
22 / 21			.1															1	1	2	5
20 / 19																				2	8
18 / 17																					4
16 / 15																					3
14 / 13																					1
12 / 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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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
6/ 7																					2
TOTAL	1.7	26.4	39.1	19.9	9.6	2.6	.8												773		773
																		773		773	

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.	4961883	57833	74.8	13.229	773							
Dry Bulb	2218563	40727	52.7	9.710	773		1.2	6.9	1.4			93
Wet Bulb	1914978	37719	48.8	9.846	773		3.1	3.6				93
Dew Point	1698710	34482	44.6	11.802	773		17.2	2.3				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION — MAXWELL AFB AL STATION NAME — 73-81 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						.2	.1	.1										4	4		
80/ 79					.8	.1		.2		.1	.1							12	12		
78/ 77					.5	.1	.6	.1	.1	.4								15	15		
76/ 75			.2	.4	.4	.2	.4	.2	.1									16	16		
74/ 73			.5	.5	.8	.4	.5	.8	.2	.1								32	32	2	
72/ 71		.2	1.1	.7	1.4	1.2	.6	.5	.5	.2	.1							55	55	13	
70/ 69		.1	.8	.4	1.7	1.0	.6	.7	.2	.8								53	53	18	11
68/ 67		.2	1.7	1.4	1.1	.4	1.1	.8	.4									59	59	17	15
66/ 65		.4	1.3	2.0	1.0	1.0	.8	.5	.4									61	61	30	16
64/ 63		1.0	1.4	1.6	1.1	1.2	.8	1.1	.1									69	69	56	15
62/ 61	.2	1.0	1.8	1.0	1.4	1.0	.8	.8	.1									68	68	61	35
60/ 59	.2	.7	.5	.8	1.4	1.0	1.6	1.2										62	62	76	45
58/ 57	.1	1.4	1.1	1.1	1.9	.8	.6	.7	.2									67	67	54	54
56/ 55	.1	.8	.7	.5	.5	1.1	1.8	.1										47	47	63	59
54/ 53		.4	.8	.8	1.1	.8	1.0	.2										43	43	66	38
52/ 51			1.0	.6	1.3	1.1	.8											40	40	56	43
50/ 49		.6	1.2	.5	1.9	.8	.4											45	45	50	40
48/ 47		.8	.5	1.3	1.0	.6												35	35	53	42
46/ 45		.5	.5	.5	.6	.4												20	20	54	43
44/ 43		.1	.2	.2	.5	.1												10	10	56	42
42/ 41			.1	.5	.5	.1												10	10	45	45
40/ 39					.2													2	2	26	33
38/ 37				.2	.1	.1												4	4	14	28
36/ 35																				8	45
34/ 33				.2	.1													3	3	6	36
32/ 31					.1													1	1	4	50
30/ 29																				2	26
28/ 27			.2															2	2	2	20
26/ 25			.1															1	1		17
24/ 23																				4	10
22/ 21																					10
20/ 19																					10
18/ 17																					2
16/ 15																					3

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

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | MAR MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1 / 11																					1
/ 9																					1
/ 7																					1
TOTAL	.7	8.3	15.8	15.2	21.4	13.6	12.4	8.3	2.4	1.7	.2							836		836	
																		836		836	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3237257	49863	59.6	17.754	836							
Dry Bulb	3161658	50802	60.8	9.447	836		.4	27.4	8.8	1.1		93
Wet Bulb	2429359	44405	53.1	9.204	836		1.3	5.6	.2			93
Dew Point	1865929	38066	45.6	12.493	836		16.8	2.9				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85							.1	.1	.4		.4	.1	.1					10	10		
84/ 83							.6	.7	.4	.8		.4						24	24		
82/ 81					.2	.5	.1	.1	.1	.2	.2	.4	.2					18	18		
80/ 79					1.0	.6	.4	1.0	.7	.7	.2	.2	.1					41	41		
78/ 77					.5	.5	.6	.4	1.8	1.1	.6	.4	.1					49	49		
76/ 75				.4	.6	1.0	.7	2.0	1.1	.4	.7		.1					58	58		
74/ 73			.2	.2	.5	1.2	1.0	1.1	1.1	1.2	.7	.4						63	63	7	
72/ 71		.4	.2	.6	1.1	.7	.8	.5	.6	1.2	.6							56	56	19	
70/ 69			.2	1.0	.6	1.1	1.3	1.0	1.0	1.0	.7							65	65	30	5
68/ 67			.8	.5	.6	1.2	.7	1.2	1.0	.8	.1							58	58	20	17
66/ 65		.1	1.1	.6	.2	.6	.8	1.1	1.7	.7	.1							59	59	44	14
64/ 63		.4	.6	.4	.6	.6	.7	1.7	1.3	.2								54	54	55	23
62/ 61		1.1	1.8	.5	.2	.5	.8	1.6	1.6									67	67	85	27
60/ 59		.5	1.1	.1	.2	.5	.4	1.7	.7									43	43	79	42
58/ 57	.1	.7	.4	.5	.4	.1	1.0	1.6	.2									41	41	76	51
56/ 55		.2	.8	.2	.6	.6	.8	1.0										36	36	53	40
54/ 53			.2	.4	.4	.2	1.0	.4										21	21	50	55
52/ 51			.5	.4	.7	.1	.4											17	17	60	42
50/ 49		.2	1.4	.5	.5		.5											26	26	56	36
48/ 47		.2	.7		.2		.2											12	12	59	44
46/ 45		.2	.1	.1		.4	.1											8	8	63	47
44/ 43		.1			.2	.5												7	7	37	29
42/ 41																				20	41
40/ 39					.1													1	1	5	43
38/ 37																				3	39
36/ 35					.1													1	1	9	34
34/ 33				.1														1	1	4	34
32/ 31				.1														1	1		50
30/ 29																				1	22
28/ 27																				1	29
26/ 25																				1	29
24/ 23																					11
22/ 21																					9
20/ 19																					9

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) MAR (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				
18/ 17																					6
16/ 15																					4
14/ 13																					2
TOTAL	.1	4.2	10.3	6.5	9.6	10.8	13.0	16.8	13.5	8.4	4.4	1.8	.7						837		837
																		837		837	

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.	2300372	40764	48.7	19.407	837							
Dry Bulb	3803407	55829	66.7	9.754	837		.1	49.1	29.2	8.3		93
Wet Bulb	2633193	46397	55.4	8.559	837		.3	8.4	.8			93
Dew Point	1818969	37547	44.9	12.691	837		19.0	2.8				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
88/ 87											.2								2	2		
86/ 85								.1		.1	.4		.1						6	6		
84/ 83						.1		.7	.1	1.0	.6	.4	.1						25	25		
82/ 81						.7	.8	.2	.4	.8		.2	.4						30	30		
80/ 79				.2	.5	.8	1.0	.5	.5	1.6	.6	.4	.1						51	51		
78/ 77					.2	.4	.6	.8	1.9	1.6	.4	.5							53	53		
76/ 75			.1	.2	.7	.4	.7	1.1	2.2	1.6	.5								62	62		
74/ 73			.2	.6	.6	1.0	.7	1.1	1.3	1.6	.8	.5							70	70	5	
72/ 71			.5	.2	.7		.4	1.0	1.0	1.0	1.6	.2							54	54	15	
70/ 69				1.1	.1	.4	1.2	.6	1.0	1.3	1.2								57	57	26	7
68/ 67		.2	1.3		.4	.5	1.4	.5	1.3	1.4	.1	.1							61	61	39	9
66/ 65		.4	1.0	.7	.1	.6	.5	.2	2.2	1.0	.1								56	56	33	20
64/ 63		.7	1.1	.6	.1	.5	.7	1.3	1.4	.5	.1								59	59	70	26
62/ 61		.5	1.7	.1		.7	.8	1.2	2.2	.1									61	61	71	46
60/ 59		1.3	1.6	.2		.4	.6	1.1	1.0										51	51	79	31
58/ 57		.5	.6		.5	.2	.7	.6	.1										27	27	89	33
56/ 55		.2	.6	.6	.4	.2	.4	1.3											31	31	54	41
54/ 53			.2	.4	.5	.5	.4												16	16	47	36
52/ 51			.6	.1	.7	.2	.5	.1											19	19	59	48
50/ 49		.4	.7	.5	.2		.4	.2											20	20	67	52
48/ 47			.2	.2	.4		.1												8	8	60	38
46/ 45			.1		.1	.5													6	6	50	51
44/ 43		.2	.1			.1													4	4	27	41
42/ 41		.1	.2																3	3	20	26
40/ 39			.1																1	1	8	41
38/ 37		.1																	1	1	8	32
36/ 35					.2														2	2	6	35
34/ 33					.1														1	1	1	39
32/ 31																						51
30/ 29																						31
28/ 27																					2	30
26/ 25																					1	26
24/ 23																						14
22/ 21																						12

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | MAR MONTH

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

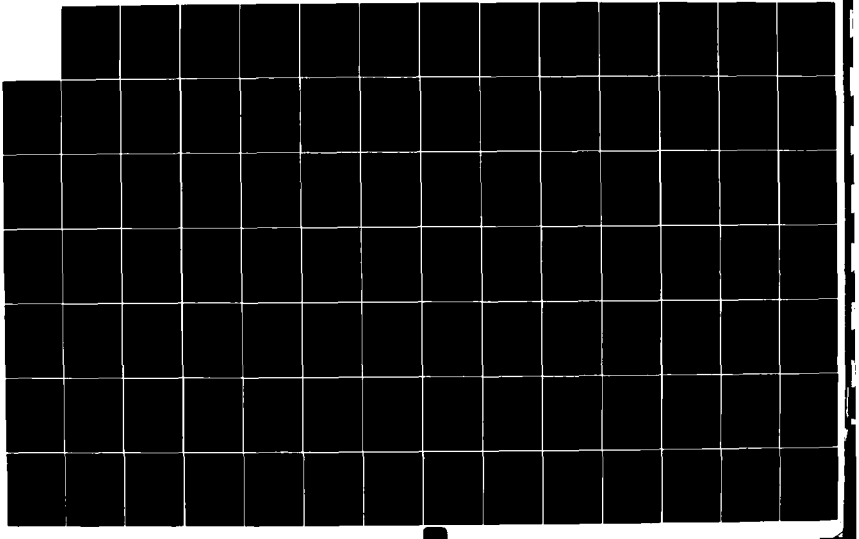
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 19																					8
[illegible] / 17																					4
1[illegible] / 15																					3
[illegible] / 13																					2
1[illegible] / 11																					3
[illegible] / 7																					1
TOTAL		4.7	11.0	5.9	6.6	8.1	11.8	12.7	16.4	13.4	6.6	2.3	.7					837		837	837
																	837.		837.		

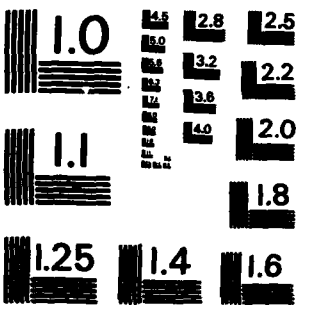
Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2195471	39287	46.9	20.503	837							
Dry Bulb	3905515	56595	67.6	9.706	837			52.3	33.2	9.7		93
Wet Bulb	2651570	46590	55.7	8.346	837		.3	9.4	.6			93
Dew Point	1786680	37196	44.4	12.855	837		20.6	1.8				93

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

AD-A122 716 MAXWELL AFB ALABAMA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIO..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 24 AUG 82

UNCLASSIFIED USAFETAC/DS-82/061 SBI-AD-E690 209 F/G 4/2 NL





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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | MAR 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
[illegible] / 79					.2	.1	.1	.1	.1	.1	.1								8	8		
7[illegible] / 77				.2	.7	.5	.4	.2		.2	.1								20	20		
[illegible]6 / 75			.1	1.0	.4	.6	.6	1.0	.5	.1	.1								36	36		
[illegible]4 / 73				.7	.5	1.0	.4	1.0	.2		.2								33	33	1	
[illegible]2 / 71			.1	.5	.6	.7	1.8	.6	.7	.4									45	45	5	
7[illegible] / 69			1.0	.7	1.1	1.2	1.9	.6	.7	.1	.1								62	62	19	3
6[illegible] / 67		.4	1.8	.6	.7	.8	1.6	1.0	.6	.4									65	65	13	9
6[illegible] / 65		.5	1.1	1.0	1.2	1.6	.6	.7	1.2	.1									66	66	33	15
[illegible]4 / 63		1.1	1.4	.2	.8	1.0	1.3	1.7	.4										66	66	48	22
[illegible]2 / 61	.1	1.6	.5	.8	.8	1.3	1.0	1.3	.4										65	65	60	42
[illegible]0 / 59	.1	1.1	1.4	1.1	1.1	.8	1.8	.7											68	68	77	35
5[illegible] / 57		1.3	1.6	.7	1.9	1.2	1.0	1.0	.1										73	73	69	39
5[illegible] / 55		.4	1.2	.7	1.2	1.1	1.9	.6											59	59	62	44
[illegible]4 / 53		.2	.7	.1	.7	1.6	1.0	.2											38	38	64	33
[illegible]2 / 51		.1	.7	.6	1.0	1.2	.5												34	34	62	49
5 / 49		.4	.7	.6	.6	1.2	.4												32	32	73	56
[illegible] / 47		.2	.7	.7	.7	.4	.1												24	24	54	54
4[illegible] / 45				1.0	.1	.5	.1												14	14	49	40
[illegible]4 / 43				.2	.5														6	6	52	38
[illegible]2 / 41		.2			.1	.1													4	4	31	51
4 / 39		.1	.4																4	4	26	30
3[illegible] / 37					.2														2	2	10	36
[illegible]6 / 35			.1																1	1	11	48
3[illegible] / 33			.2																2	2	3	37
[illegible]2 / 31				.2	.1														3	3	3	51
[illegible] / 29																					2	23
2[illegible] / 27																						24
2[illegible] / 25																					3	19
24 / 23																						11
[illegible]2 / 21																						6
[illegible] / 19																						6
1[illegible] / 17																						4
1[illegible] / 15																						1
1[illegible] / 11																						1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
1 / 9																					2
8 / 7																					1
TOTAL	.2	7.6	13.9	11.8	15.4	16.9	16.4	10.7	4.9	1.4	.7							830	830	830	830

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2939964	46984	56.6	18.389	830							
Dry Bulb	3232179	51271	61.8	8.858	830		.3	30.1	10.9	.1		93
Wet Bulb	2816570	44224	53.3	8.524	830		.9	4.3	.1			93
Dew Point	1795318	37290	44.9	12.030	830		16.7	1.3				93

USAFETAC FORM 0-26-5 (OL A) 88 04 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | MAR MONTH

PAGE 1 | 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
76/ 75			.1	.8							.1							8	8		
74/ 73			.5	.9	.1	.1												13	13		
72/ 71		.1	1.1	.5	.9	.1		.3		.1								24	24	4	
70/ 69			.8	.7	.7	.3	.9		.1									26	26	13	5
68/ 67		.5	2.3	1.1	.8	1.4	.1		.1									47	47	15	13
66/ 65		1.5	1.2	1.5	2.3	.7	.1	.5										58	58	27	10
64/ 63		1.1	2.2	.9	1.4	1.4	.3	.1	.1									55	55	31	30
62/ 61	.1	1.2	1.2	1.4	1.2	1.1	.5	.4										53	53	35	24
60/ 59		1.5	1.2	1.4	1.2	1.4	1.4	.1										60	60	48	30
58/ 57		1.5	1.6	2.0	1.2	1.9	.3											63	63	68	36
56/ 55		1.8	2.3	2.0	1.6	.7	.1											63	63	47	36
54/ 53		.5	2.2	1.6	1.2	.7	.4											49	49	47	39
52/ 51		1.2	1.2	2.0	1.2	1.5	.4											56	56	66	42
50/ 49		.3	1.6	1.6	1.8	.7	.1											45	45	71	50
48/ 47		.3	1.4	1.8	1.4	.5												39	39	55	53
46/ 45			1.1	1.2	.9	.1												25	25	40	42
44/ 43			.3	2.4	.7	.1												26	26	40	34
42/ 41			.8	.3	.3													10	10	45	30
40/ 39		.3	.3		.3													6	6	29	54
38/ 37			.4	.1	.1													5	5	34	42
36/ 35				.1														1	1	8	31
34/ 33				.1														1	1	5	20
32/ 31			.4															3	3	3	42
30/ 29			.1	.3														3	3	2	18
28/ 27				.1														1	1	3	28
26/ 25																				1	7
24/ 23																				3	6
22/ 21																					5
20/ 19																					5
18/ 17																					5
16/ 15																					3
TOTAL	.1	11.8	24.3	25.0	19.3	12.6	4.7	1.5	.4	.1	.1							740	740	740	740

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Sat. Hum.	3417768	48932	66.1	15.701	740							
Dry Bulb	2495208	42477	57.4	8.780	740		.9	14.8	2.6			93
Wet Bulb	2025038	38134	51.5	9.003	740		1.5	4.0				93
Dew Point	1637062	33704	45.5	11.747	740		15.0	2.3				93

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

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USE WITH CAUTION
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PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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				
88/ 87											.0							2	2		
86/ 85							.0	.0	.1	.0	.1	.0	.0					16	16		
84/ 83						.0	.1	.2	.1	.3	.1	.1	.0					49	49		
82/ 81					.0	.2	.2	.1	.1	.2	.0	.1	.1					52	52		
80/ 79				.0	.5	.3	.2	.3	.2	.4	.2	.1	.0					113	113		
78/ 77				.0	.3	.2	.4	.3	.7	.6	.2	.1	.0					137	137		
76/ 75			.1	.5	.3	.4	.4	.7	.7	.3	.2		.0					183	183		
74/ 73			.3	.6	.5	.6	.4	.7	.5	.5	.3	.1						219	219	15	
72/ 71		.2	.7	.4	.8	.5	.6	.5	.5	.5	.4	.0						249	249	59	
70/ 69		.1	.6	.7	.7	.7	1.0	.5	.5	.6	.3							276	276	116	37
68/ 67		.3	1.4	.7	.7	.7	.9	.6	.6	.5	.0	.0						308	308	122	79
66/ 65		.7	1.2	1.0	.8	.7	.5	.5	.9	.3	.0							327	327	176	88
64/ 63	.0	.9	1.4	.8	.7	.8	.7	1.0	.6	.1	.0							343	343	286	128
62/ 61	.1	1.2	1.7	.7	.7	.8	.7	.9	.7	.0								366	366	337	195
60/ 59	.1	1.2	1.4	.7	.7	.7	1.0	.8	.3									335	335	406	210
58/ 57	.1	1.4	1.2	.8	1.2	.7	.6	.7	.1									336	336	417	256
56/ 55	.3	.9	1.4	1.0	.8	.7	.9	.5										306	306	339	278
54/ 53	.0	.6	1.1	.7	.8	.6	.6	.1										227	227	315	250
52/ 51	.0	.4	1.0	.7	.9	.7	.4	.0										204	204	353	263
50/ 49		.6	1.4	.9	.9	.5	.3	.0										224	224	375	278
48/ 47		.5	.9	.8	.8	.3	.1											161	161	337	269
46/ 45		.5	.7	.7	.5	.3	.0											136	136	309	272
44/ 43		.3	.3	.8	.4	.1												96	96	259	217
42/ 41		.1	.5	.4	.1	.0												56	56	210	244
40/ 39		.2	.4	.2	.1													47	47	136	240
38/ 37		.1	.2	.2	.1	.0												32	32	124	228
36/ 35		.2	.2	.1	.1													25	25	72	216
34/ 33		.0	.1	.1	.0													15	15	43	199
32/ 31		.0	.1	.1	.0													10	10	19	295
30/ 29			.0	.0														4	4	15	150
28/ 27			.1	.0														5	5	9	154
26/ 25			.1															4	4	7	108
24/ 23			.0															1	1	10	57
22/ 21			.0															1	1	2	47

Element (X)	Σx^2	Σx	$\bar{x}$	σ_n	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) 80 04 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | MAR 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
[illegible] / 19																				2	46
[illegible] / 17																					25
[illegible] / 15																					11
[illegible] / 13																					8
1 / 11																					5
[illegible] / 9																					4
[illegible] / 7																					8
TOTAL	.5	10.4	18.7	13.7	13.5	10.8	10.1	8.6	6.5	4.3	2.1	.7	.2					4865		4865	
																	4865		4865		

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.	18644788	284714	58.5	20.189	4865							
Dry Bulb	18859757	298419	61.3	10.679	4865		5.8	245.3	117.9	26.5		744
Wet Bulb	19110946	258158	53.1	9.203	4865		9.8	47.7	2.3			744
Dew Point	18587318	218929	45.0	12.295	4865		140.4	17.7				744

USAFETAC FORM 0-26-5 (OL A) 84-4 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77					.1													1	1		
76/ 75				.7														5	5		
74/ 73			.3	.7	.4	.1	.1											12	12		
72/ 71			1.2	1.3	.4	.1	.1											24	24	1	
70/ 69		.4	2.1	.7	1.3	.8	.1											41	41	7	
68/ 67		.5	2.8	1.3	1.3	.3												47	47	22	11
66/ 65	.3	3.3	2.1	3.0	1.4	.1	.5											82	82	37	24
64/ 63	.4	2.0	2.8	3.3	2.0	.8	.4											88	88	61	37
62/ 61		1.6	2.9	1.6	1.7	.4	.3											64	64	62	43
60/ 59		1.6	3.9	2.0	1.8	.8	.4											80	80	73	40
58/ 57		1.8	2.9	3.0	1.4	.3												72	72	75	57
56/ 55		1.6	2.1	2.4	1.4	.4	.1											61	61	74	73
54/ 53		.8	2.5	1.2	.9	.1												42	42	62	70
52/ 51	.4	1.1	2.4	1.4	.3	.3	.1											45	45	72	59
50/ 49		.8	1.1	1.7	.7	.3												34	34	54	51
48/ 47		1.2	.5	.8	.5													23	23	47	53
46/ 45		.7	1.1	.5	.3													19	19	44	53
44/ 43		.1	.5	.8	.1													12	12	22	42
42/ 41	.1			.3														3	3	21	37
40/ 39		.5																4	4	13	28
38/ 37		.1																1	1	11	29
36/ 35																				2	19
34/ 33	.1																	1	1	1	7
32/ 31																					12
30/ 29																					5
28/ 27																					8
26/ 25																					2
24/ 23																					1
TOTAL	1.3	18.0	31.0	26.5	16.2	4.7	2.2											761	761	761	761

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	≥ 92 F	Total
Rel. Hum.	4187794	55620	73.1	12.703	761							
Dry Bulb	2741963	65329	89.6	7.427	761			15.4	2.1			90
Wet Bulb	2387896	41702	84.8	7.437	761			3.8				90
Dew Point	2013	38517	50.6	9.071	761		3.3	1.3				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION — MAXWELL AFB AL STATION NAME — 73-81 YEARS — APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85								.1			.6							6	6		
84/ 83						.1	.5	.1	.1	.5	.4							14	14		
82/ 81						.1	.6	.1	.7	.6	.2							20	20		
80/ 79					.1	1.4	.7	1.0	1.1	.6	.4							43	43		
78/ 77				.2	1.4	1.1	1.1	1.4	.7	.5	.1							53	53		
76/ 75			.2	1.1	1.5	2.0	2.0	1.4	1.0	.5	.1							79	79		
74/ 73				1.7	2.0	1.7	2.2	.9	.2	.5								75	75	2	
72/ 71		.1	.9	1.7	1.1	1.7	1.4	.6	1.4	.7								78	78	18	1
70/ 69		.1	.9	1.4	1.1	1.5	1.1	1.6	.7	.5								72	72	41	5
68/ 67		.2	1.2	1.5	1.2	1.1	1.5	2.0	.7									77	77	61	13
66/ 65	.2	.5	.9	1.5	.9	1.6	1.9	.7	.5	.1								71	71	86	42
64/ 63	.1	.6	.7	1.2	1.2	.7	1.1	1.5	.6									64	64	93	50
62/ 61		.2	.6	.6	.9	1.1	1.0	1.0	.1									45	45	93	64
60/ 59		.4	.4	.2	.5	.7	1.0	.4										29	29	67	47
58/ 57		.1	.2	.5	1.0	1.0	.6	.1										29	29	63	52
56/ 55		.1	.7	.4	.6	.1	.5	.1										21	21	64	68
54/ 53		.2	.2	.1	.1	.2	.1											9	9	66	74
52/ 51	.1	.1	.1	.1	.1	.2	.2											9	9	46	47
50/ 49					.5	.5												8	8	45	44
48/ 47				.1	.1	.1												3	3	29	35
46/ 45					.1													1	1	6	42
44/ 43																				8	42
42/ 41																				13	43
40/ 39																				4	35
38/ 37																				1	33
36/ 35																					18
34/ 33																					11
32/ 31																					11
30/ 29																					15
28/ 27																					7
26/ 25																					6
24/ 23																					1
TOTAL	.5	2.9	7.2	12.5	14.5	17.2	17.6	13.0	8.1	4.6	1.9							806	806		806
																		806		806	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2638641	44267	54.9%	16.052	806							
Dry Bulb	3890359	55659	69.1	7.668	806			57.7	32.4	7.8		90
Wet Bulb	2859978	47670	59.1	7.101	806			13.6	.2			90
Dew Point	2191569	41229	51.2	10.128	806		4.5	2.1				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) APR (MONTH)

 1200-1800 (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
[illegible] / 89									.1			.4	.2					6	6		
88 / 87									.4		.7	.7	.1	.4				19	19		
86 / 85								1.6	.7	.4	1.5	1.2	.5					48	48		
84 / 83							.2	1.0	1.6	1.1	1.5	1.1	.1					54	54		
82 / 81						.1	1.5	2.1	1.5	1.7	2.7	.9	.1	.1				87	87		
[illegible] / 79				.1		1.4	1.9	1.4	.7	1.9	1.4	.2						72	72		
77 / 77				.5	.6	1.4	1.1	1.2	1.1	1.7	1.5	.9						81	81		
76 / 75			.1	.5	.4	1.4	1.1	1.1	.9	1.1	2.0	.1						70	70		
74 / 73			.1	.6	.6	.5	1.1	.6	1.0	1.6	1.2	.1						61	61	4	
72 / 71			.5	.9	.6	.5	.5	.6	2.0	2.0	.1							62	62	28	
70 / 69			.6	1.5	.2	.6	1.1	1.5	1.1	1.2	.2							66	66	65	5
68 / 67		.4	.7	.5	.1	.4	.2	.6	1.4	.7								41	41	77	7
66 / 65		.7	.5	.9	.1	.6	.5	1.5	1.2									49	49	97	36
64 / 63	.1	.2	.5	.4	.6	.4	.6	.6	.1									29	29	97	52
62 / 61		.4	.6	.5	.1	.7		.2										21	21	92	68
60 / 59			.2	.2	.4	.4		.4	.2									15	15	57	50
58 / 57		.1				.4	.5	.5										12	12	71	35
56 / 55		.6		.1		.1	.2											9	9	85	65
54 / 53				.2		.5	.1											7	7	41	49
52 / 51							.1											1	1	53	41
50 / 49																				14	54
48 / 47																				8	45
46 / 45																				10	47
44 / 43																				10	55
42 / 41																				1	39
40 / 39																					37
38 / 37																					38
36 / 35																					34
34 / 33																					14
32 / 31																					18
30 / 29																					8
28 / 27																					7
26 / 25																					6

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

USAFETAC FORM 0-26-5 (OL A) 82 44 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | APR 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
TOTAL	.1	2.5	4.0	6.9	3.8	9.3	10.9	14.9	14.1	13.5	12.8	5.7	1.1	.5					810	810	810	810

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1899530	36628	45.2	17.339	810							
Dry Bulb	4542141	60315	74.5	7.933	810			74.1	55.3	27.6		90
Wet Bulb	3034771	49299	60.9	6.510	810			19.3	.4			90
Dew Point	2125698	40664	50.2	10.206	810		4.3	1.3				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
90/ 89										.1			.4	.2				6	6		
88/ 87								.1	.7	.1	.7	.5	.7	.5				28	28		
86/ 85								.5	.6	.4	2.0	1.9	.4					46	46		
84/ 83						.1	.2	.6	2.2	1.2	1.5	1.5	.1					61	61		
82/ 81						.5	1.9	1.7	1.2	2.1	2.1	1.0	.2	.2				89	89		
80/ 79					.2	1.1	1.4	1.2	1.7	1.2	2.1	.6	.2					80	80		
78/ 77					.2	1.7	.5	1.2	.9	1.4	2.1	.6						70	70		
76/ 75			.1	.5	.5	1.2	1.6	1.2	1.1	1.4	1.9	.1						78	78		
74/ 73				.4	.7	1.4	.5	1.2	1.5	1.4	1.4	.2						70	70	5	
72/ 71			.7	1.1	.6		.2	1.1	1.0	1.6	.7							58	58	24	1
70/ 69			1.1	.5	.2		1.2	1.2	1.4	1.4	.9							64	64	53	3
68/ 67		.7	1.1		.2	.1	1.0	.9	1.0	.6								46	46	85	7
66/ 65		.6	.5	.5	.1	.1	.2	.7	.1	.1								25	25	97	40
64/ 63		.1	.6	.7		.7		.1	.1									20	20	114	53
62/ 61		.5	.6	.4	.1	1.1	.2		1.0									32	32	71	60
60/ 59		.2	.5	.1	.1	.1	.4	1.0										20	20	79	39
58/ 57		.2	.1				.1	.1										5	5	94	44
56/ 55		.1				.2	.5											7	7	53	2
54/ 53				.1	.2	.1												4	4	53	52
52/ 51																				43	40
50/ 49																				7	49
48/ 47																				11	59
46/ 45																				17	60
44/ 43																				3	43
42/ 41																					38
40/ 39																					36
38/ 37																					40
36/ 35																					31
34/ 33																					20
32/ 31																					11
30/ 29																					16
28/ 27																					10
26/ 25																					2
24/ 23																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL		2.6	5.4	4.3	3.5	8.7	10.0	13.1	14.6	13.0	15.3	6.4	2.1	1.0				809	809	809	809

Element (X)	$\Sigma_n X'$	$\Sigma_n X$	$\bar{X}$	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.	1826979	35641	44.1	17.627	809							
Dry Bulb	4609448	60750	75.1	7.673	809			77.4	58.7	31.0		90
Wet Bulb	3038178	49320	61.0	6.236	809			18.6	.6			90
Dew Point	2098229	40363	49.9	10.222	809		4.4	1.2				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | APR MONTH

PAGE 1 | 1800-2200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85													.1					1	1		
84/ 83							.1			.4		.1	.1					6	6		
82/ 81						.1	.3	.4	.1	.5	.3							13	13		
80/ 79						.6	.6	1.3	.6	.5	.4							32	32		
78/ 77				.1	1.5	.8	1.4	1.1	1.5	.3	.3	.1						56	56		
76/ 75			.1	.1	1.0	2.5	1.6	1.3	1.4	.4	.1							68	68		
74/ 73			.1	1.3	1.9	1.6	1.8	1.8	.9	.1								75	75		
72/ 71		.1	.9	.8	2.1	2.5	1.9	1.3	1.0	.5								88	88	6	
70/ 69		.1	1.1	1.1	1.5	2.3	1.6	1.0	1.0	.1								79	79	27	3
68/ 67		.3	2.7	.5	.8	1.4	1.9	.8	.9	.4								75	75	44	5
66/ 65		1.4	1.4	.6	1.0	1.5	1.6	.8	.6									71	71	91	26
64/ 63		.9	.6	1.3	.9	1.5	1.4	1.1	.5									65	65	103	58
62/ 61		.5	.6	1.0	1.0	1.0	.4	.8										42	42	98	50
60/ 59		.9	.3	.6	1.3	1.3	1.0	.1										43	43	75	56
58/ 57		.4	.5	.3	1.1	.5	.3	.1										25	25	78	62
56/ 55		.1	.4	.8	.3	.6	.8											23	23	62	55
54/ 53			.1	.5	.1	.6	.3											13	13	62	68
52/ 51			.1	.1	.6	.4												10	10	49	53
50/ 49			.1		.4													4	4	42	58
48/ 47				.1	.1													2	2	21	51
46/ 45																				9	52
44/ 43																				14	37
42/ 41																				9	41
40/ 39																				1	21
38/ 37																					25
36/ 35																					22
34/ 33																					20
32/ 31																					16
30/ 29																					7
28/ 27																					5
TOTAL		4.7	9.1	9.2	15.7	19.3	16.9	11.8	8.6	3.2	1.0	.3	.3					791	791	791	791

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.	2668914	44120	55.8	16.227	791							
Dry Bulb	3749016	54158	68.5	7.199	791			56.1	28.6	3.4		90
Wet Bulb	2771998	46542	58.8	6.511	791			8.8				90
Dew Point	2127840	40352	51.0	9.368	791		3.2	.9				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) APR (MONTH)

PAGE 1 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77					.3													2	2		
76/ 75				.6	.9	.2	.2	.2										13	13		
74/ 73				1.1	1.5	.8	.3	.3										26	26		
72/ 71				1.7	2.6	.9	.6											38	38		
70/ 69		.3	1.8	1.4	2.9	1.8	1.1		.2									62	62	9	
68/ 67		.2	4.1	3.6	3.8	3.2	.5	.3		.2								104	104	17	1
66/ 65		1.1	2.1	3.0	2.1	.8	.2	.5		.2								65	65	37	14
64/ 63	.3	1.5	2.6	2.6	2.9	1.1	.5		.2									76	76	82	35
62/ 61	.2	.9	1.8	2.7	2.3	.8	.9	.2										64	64	74	52
60/ 59	.3	.8	2.6	1.4	1.5	.6	.6											51	51	87	52
58/ 57		.6	1.1	2.4	2.0	.9	.6											50	50	79	68
56/ 55		.6	1.2	1.2	1.4	.6	.2											34	34	56	53
54/ 53		.6	.6	.8	1.7	.5												27	27	47	59
52/ 51		.2	.9	1.1	.5	.3												19	19	47	62
50/ 49		.2	.6	.6	.8	.2												15	15	38	54
48/ 47		.2	.5	.9	.5													13	13	32	45
46/ 45		.2	.2	.5														5	5	30	22
44/ 43				.2														1	1	9	28
42/ 41																				16	25
40/ 39																				4	30
38/ 37																				1	21
36/ 35																					13
34/ 33																					11
32/ 31																					12
30/ 29																					7
28/ 27																					1
TOTAL	.8	7.1	19.8	25.4	27.2	12.3	5.4	1.4	.3	.3								665	665		665
																		665		665	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3099428	44530	67.0	13.308	665							
Dry Bulb	2675627	41945	63.1	6.715	665			33.2	5.5			90
Wet Bulb	2171318	37743	56.8	6.666	665			3.5				90
Dew Point	1811363	34223	51.5	8.690	665		2.7	.1				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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					
90/ 89									.0	.0		.1	.1	.0				12	12			
88/ 87								.0	.2	.0	.3	.2	.1	.1				47	47			
86/ 85								.4	.2	.1	.7	.5	.2					101	101			
84/ 83						.0	.2	.3	.7	.6	.6	.5	.1					135	135			
82/ 81						.1	.7	.7	.6	.9	.9	.3	.1	.1				209	209			
80/ 79				.0	.1	.8	.8	.8	.7	.7	.7	.1	.0					227	227			
78/ 77				.1	.7	.9	.7	.9	.7	.7	.7	.3						263	263			
76/ 75			.1	.6	.7	1.2	1.1	.9	.7	.6	.7	.0						313	313			
74/ 73			.1	1.0	1.2	1.0	1.0	.8	.6	.6	.4	.1						321	321	11		
72/ 71		.0	.7	1.3	1.2	1.0	.8	.6	.9	.8	.1							351	351	77	2	
70/ 69		.1	1.3	1.1	1.2	1.1	1.0	.9	.7	.6	.2							385	385	202	16	
68/ 67		.4	2.1	1.2	1.2	1.0	.9	.8	.7	.3								394	394	307	44	
66/ 65	.1	1.3	1.3	1.5	.9	.8	.8	.7	.4	.1								371	371	450	182	
64/ 63	.1	.9	1.2	1.5	1.2	.9	.7	.6	.3									346	346	556	287	
62/ 61	.0	.7	1.2	1.1	1.0	.9	.4	.4	.2									270	270	497	347	
60/ 59	.0	.7	1.3	.7	.9	.6	.6	.3	.0									241	241	439	291	
58/ 57		.6	.8	1.0	.9	.5	.3	.1										199	199	464	318	
56/ 55		.6	.8	.8	.6	.3	.4	.0										160	160	401	373	
54/ 53		.3	.6	.5	.5	.3	.1											105	105	337	379	
52/ 51	.1	.2	.6	.4	.2	.2	.1											86	86	312	304	
50/ 49		.1	.3	.4	.4	.1												61	61	203	314	
48/ 47		.2	.2	.3	.2	.0												43	43	149	269	
46/ 45		.1	.2	.1	.1													26	26	117	281	
44/ 43		.0	.1	.1	.0													13	13	67	248	
42/ 41	.0			.0														3	3	61	223	
40/ 39		.1																4	4	22	187	
38/ 37		.0																1	1	13	187	
36/ 35																				2	137	
34/ 33	.0																	1	1	1	84	
32/ 31																					80	
30/ 29																					58	
28/ 27																					38	
26/ 25																					16	
24/ 23																					3	

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

FORM 30 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | APR MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.4	6.4	12.6	13.7	12.9	11.9	10.6	9.3	7.8	5.9	5.4	2.1	.6	.3				4688	4688	4688	4688

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	16619654	264482	56.4	19.036	4688							
Dry Bulb	22381700	320956	68.5	9.330	4688			423.6	250.0	96.3		720
Wet Bulb	16386654	274910	58.6	7.090	4688			91.7	1.7			720
Dew Point	12506107	237859	50.7	9.863	4688		29.9	9.5				720

USAFETAC FORM 20-24 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-74,76,78-81 (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
74/ 73		.6	1.3	.6														4	4		
72/ 71		3.8	6.3	.6														17	17	3	
70/ 69		1.3	6.3	.6														13	13	10	6
68/ 67		3.2	8.9			.6												20	20	16	8
66/ 65		9.5	3.2	.6	.6	.6												23	23	17	24
64/ 63	1.3	6.3	4.4	.6														20	20	26	16
62/ 61	.6	2.5	2.5	.6														10	10	16	22
60/ 59		.6	2.5	2.5	.6													10	10	11	9
58/ 57	.6	1.3	5.7	1.9														15	15	11	12
56/ 55		.6	3.2	.6														7	7	10	7
54/ 53		.6	2.5															5	5	10	10
52/ 51		.6	3.2	.6														7	7	11	10
50/ 49		1.3	1.9															5	5	6	7
48/ 47		1.3																2	2	6	9
46/ 45																				5	11
44/ 43																					4
42/ 41																					2
36/ 37																					1
TOTAL	2.5	33.5	51.9	9.5	1.3	1.3													158		158
																		158		158	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1102994	13136	83.1	8.323	158							
Dry Bulb	634700	9962	63.1	6.479	158			31.8	2.4			93
Wet Bulb	576636	9486	60.0	6.732	158			17.1				93
Dew Point	538021	9141	57.9	7.644	158			8.2				93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81					.2		.1		.1									4	4		
80/ 79				.4	.5	.4												10	10		
78/ 77			.1	1.9	1.2			.1										28	28		
76/ 75		.2	1.2	2.5	.5	.5	.4	.2										46	46	1	
74/ 73		.6	2.6	3.4	1.3	.6	.4											74	74	13	1
72/ 71		.6	6.4	2.3	1.2	1.0	.7											101	101	48	9
70/ 69	.2	1.3	6.7	1.8	1.7	1.3	.2											111	111	74	51
68/ 67		2.2	7.8	2.6	1.1	1.0	.1											123	123	91	74
66/ 65		2.9	4.2	1.6	1.3	.5	.2											89	89	117	92
64/ 63		3.1	2.0	1.4	1.3	.7	.2											74	74	116	100
62/ 61		1.8	2.0	1.6	1.4	.2	.1											60	60	106	95
60/ 59		1.1	1.9	1.7	.5													43	43	73	80
58/ 57		.2	1.3	1.0	.1	.4												25	25	56	62
56/ 55		.6	1.2	.7	.2													23	23	40	59
54/ 53		.2	.7	.6	.2													15	15	45	55
52/ 51		.1	.1															2	2	24	36
50/ 49		.4	.2	.1														6	6	18	43
48/ 47																				8	28
46/ 45																				3	22
44/ 43																				1	16
42/ 41																					4
40/ 39																					2
38/ 37																					2
36/ 35																					3
TOTAL	.2	15.3	38.6	23.5	12.8	6.5	2.5	.4	.1									834		834	834
																			834		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4930978	63418	76.0	11.393	834							
Dry Bulb	3810437	56151	67.3	5.995	834			55.4	18.1	.9		93
Wet Bulb	3293159	52173	62.6	5.935	834			25.3	1.6			93
Dew Point	2975094	49450	59.3	7.187	834			15.1	.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
92/ 91								.1		.2									3	3		
90/ 89								.2	.4	.2		.2							9	9		
88/ 87					.1	.1	.5	.7	.7	.1	.4	.1							23	23		
86/ 85						.6	1.3	1.1	.2	.6	.2	.2							36	36		
84/ 83				.2	.2	1.4	1.2	1.1	.4	.4	.1								42	42		
82/ 81				.1	1.4	2.2	2.6	1.2	1.2	.4	.5								80	80		
80/ 79			.2	.5	1.9	2.8	2.3	1.7	.8	.5	.1								90	90	1	
78/ 77				1.2	3.7	2.4	2.6	1.6	1.0	.1									105	105	5	
76/ 75			.2	2.3	3.1	3.1	.8	1.4	1.4	.2									106	106	16	4
74/ 73			.6	2.6	1.0	1.4	1.7	.8	.6		.1								74	74	67	3
72/ 71		.1	1.8	2.5	1.4	.6	1.2	.6	.4	.2									74	74	81	16
70/ 69		.8	2.2	2.2	.6	.7	1.1	.7	.2	.1									72	72	111	44
68/ 67		.1	2.0	1.0	.5	.5	.5	1.1	.1										48	48	145	92
66/ 65		.6	.8	.1	.2	1.0	.6	.2	.1										31	31	110	100
64/ 63		.5	.6	.6	.6	.6	.2	.1											27	27	95	103
62/ 61			.1	.5	.1			.1											7	7	67	96
60/ 59			.1	.1	.1														3	3	41	75
58/ 57					.1														1	1	36	49
56/ 55					.2														2	2	27	52
54/ 53																					22	45
52/ 51																					3	36
50/ 49																					6	32
48/ 47																						23
46/ 45																						24
44/ 43																						16
42/ 41																						11
40/ 39																						6
38/ 37																						1
36/ 35																						4
34/ 33																						1
TOTAL		2.2	8.8	13.9	15.5	17.4	16.7	12.8	7.6	3.1	1.4	.6							833	833	833	833

Element (X)	Σ_x'	Σ_x	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3104668	49446	59.4	14.278	833							
Dry Bulb	4795761	62981	75.6	6.386	833			85.1	63.4	26.9		93
Wet Bulb	3643468	54900	65.9	5.504	833			47.6	9.9			93
Dew Point	3019773	49747	59.7	7.664	833			17.8	.8			93

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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) MAY (MONTH)

 1200-1800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31						
96/ 95											.1		.1					2	2				
94/ 93										.4	.6	.1	.1					10	10				
92/ 91									.2	1.0	.7	.1	.4	.4				23	23				
90/ 89							.4	.5	1.3	1.8	.2	.5	.6					44	44				
88/ 87						.4	1.2	1.6	2.5	1.2	.7	.2	.4	.1				69	69				
86/ 85						.2	1.6	3.2	2.4	1.9	.2	1.0	.2					90	90				
84/ 83						.6	2.6	3.2	2.3	1.2	1.4	.2	.2					99	99				
82/ 81					.2	1.9	2.5	2.4	1.8	.6	1.7							93	93				
80/ 79					.5	2.0	1.8	2.2	1.9	1.2	.5							84	84				
78/ 77				.6	1.8	.6	1.8	.6	1.2	1.3	.5	.1						71	71	8			
76/ 75				2.0	1.4	1.3	1.1	.8	1.1	.7	.2							73	73	30			
74/ 73			.4	1.2	.8	.1	.5	.4	1.8	.4								46	46	73	5		
72/ 71		.1	1.3	.8	.7	.1	.4	.7	.8	.2	.1							45	45	129	8		
70/ 69		.4	1.0	.2	.7	.2	.2	.4	.5	.1								31	31	124	27		
68/ 67		.4	1.0	.4	.4	.2	.2			.1								22	22	131	87		
66/ 65		.2	1.0	.6	.5													19	19	99	117		
64/ 63		.4	.1	.2		.1												7	7	76	94		
62/ 61				.2														2	2	62	94		
60/ 59					.1													1	1	36	75		
58/ 57					.1													1	1	36	56		
56/ 55																				20	52		
54/ 53																				3	37		
52/ 51																				4	25		
50/ 49																				1	49		
48/ 47																					32		
46/ 45																					27		
44/ 43																					18		
42/ 41																					12		
40/ 39																					10		
38/ 37																					3		
36/ 35																					1		
34/ 33																					2		
32/ 31																					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 0-26-3 (OL A) 80-04 SUPERSEDES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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
TOTAL		1.4	4.7	6.4	7.3	7.9	14.3	16.0	17.9	12.1	7.1	2.3	2.0	.5					832	832	832	832

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.	2315162	42028	50.5	15.206	832							
Dry Bulb	5367373	66585	80.0	6.813	832			89.6	78.7	52.9	1.3	93
Wet Bulb	3760744	55772	67.0	5.162	832			55.3	12.4			93
Dew Point	2938854	49016	58.9	7.846	832		.1	14.2	.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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
94/ 93											.4		.2	.1				6	6		
92/ 91								.1		.7	1.0	.2	.2	.1				20	20		
90/ 89							.1	.5	1.2	1.6	.6	.5	.4					40	40		
88/ 87						.1	.1	1.6	3.2	1.6	.8	.5	1.0					74	74		
86/ 85						.5	1.4	3.0	3.0	1.3	.6	.7						88	88		
84/ 83					.1	.5	1.1	3.0	2.2	2.3	1.1	.5	.2					91	91		
82/ 81				.2		1.7	2.9	2.0	1.7	1.1	2.0	.1	.1					99	99		
80/ 79				.1	1.2	1.8	1.4	2.0	1.0	1.7	.5							81	81		
78/ 77				.8	1.3	1.6	1.7	1.1	1.8	1.2	.5							83	83	3	
76/ 75			.1	1.3	1.4	1.2	.8	1.4	1.0	1.3	.4	.1						76	76	15	
74/ 73			1.0	1.3	.6	.7	.1	.6	1.8	.6	.2							58	58	73	3
72/ 71		.2	.8	.5	.5	.1	.4	.4	.4									27	27	129	7
70/ 69		.6	1.9	.8	.7	.6		.2	.1									42	42	134	27
68/ 67		.2	1.2	.5	.8													23	23	116	68
66/ 65			.5	.6	.4													12	12	107	112
64/ 63		.2	.2	.1	.1	.2												8	8	84	117
62/ 61		.4		.4														6	6	79	91
60/ 59																				43	76
58/ 57																				34	53
56/ 55																				15	54
54/ 53																				2	41
52/ 51																					34
50/ 49																					49
48/ 47																					37
46/ 45																					23
44/ 43																					14
42/ 41																					13
40/ 39																					9
38/ 37																					1
36/ 35																					3
34/ 33																					1
32/ 31																					1
TOTAL		1.7	5.8	6.7	7.2	9.0	10.1	15.9	17.3	13.3	8.0	2.6	2.2	.2				834	834	834	834

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2347268	42244	50.7	15.783	834							
Dry Bulb	5353864	66592	79.8	6.640	834			90.1	79.8	50.8	.7	93
Wet Bulb	3745937	55747	66.8	4.856	834			52.4	10.1			93
Dew Point	2928068	48982	58.7	7.613	834		.1	11.7	.3			93

FORM AS-4 0-26-5 (OL A) USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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
[illegible] / 89									.4			.1						4	4		
[illegible]8 / 87							.2		.5			.1						7	7		
[illegible]6 / 85							.6	1.2	.6		.5							24	24		
[illegible]4 / 83					.2	.5	1.3	.7	.5	.2	.4							32	32		
[illegible] / 81				.5	.6	1.7	1.5	1.1	.9	.2	.4	.1						57	57		
[illegible] / 79				.5	.9	4.3	1.8	1.0	.9	.9		.1						84	84		
7[illegible] / 77		.1		1.0	3.8	3.0	1.5	.7	1.1	.2	.1							95	95	1	
76 / 75			.9	2.6	3.9	1.8	1.8	1.3	.4	.2								106	106	9	
74 / 73			1.9	2.9	2.1	1.9	1.6	.9	.5									97	97	31	6
72 / 71		.1	1.9	2.2	1.8	1.5	1.3	.9	.4	.2	.1							86	86	83	8
7[illegible] / 69		1.1	2.8	1.9	1.6	1.7	.9	.6	.2									89	89	134	33
6[illegible] / 67		.7	1.9	1.1	.9	.6	1.1	.6										57	57	126	72
[illegible]6 / 65		.7	1.1	.9	.5	.2	.9											35	35	104	124
[illegible]4 / 63		.1	.5	1.5	.2	.9	.1											27	27	102	109
[illegible]2 / 61		.2	.2	1.1	.6	.1												19	19	86	100
[illegible] / 59			.2		.1													3	3	47	54
5[illegible] / 57				.1														1	1	43	64
5[illegible] / 55																				31	52
[illegible]4 / 53																				23	53
[illegible]2 / 51																				3	43
5[illegible] / 49																					22
4[illegible] / 47																					27
4[illegible] / 45																					27
44 / 43																					12
[illegible]2 / 41																					8
4 / 39																					7
3[illegible] / 37																					1
34 / 33																					1
TOTAL		3.2	11.5	16.2	17.1	18.2	14.6	9.0	6.2	2.1	1.5	.5						823	823		823
																		823		823	

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.	1300973	50741	61.7	14.491	823							
Dry Bulb	4567563	61111	74.3	6.024	823			83.4	57.2	19.5		93
Wet Bulb	3530657	53739	65.3	5.137	823			43.4	9.6			93
Dew Point	2958153	48981	59.5	7.236	823			13.4	.7			93

FORM 26 54 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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
[illegible] / 81						.2	.4											3	3		
[illegible] / 79					.2	.9	.9											11	11		
78 / 77		.2	.2	1.8	3.7	.9	.4	.2	.2									41	41		
76 / 75		.2	1.8	2.7	3.5	.7	.7	.4										55	55	2	1
74 / 73			3.7	6.4	2.4	1.1	.9											79	79	8	1
72 / 71		.5	4.9	3.3	2.6	1.5	.4											72	72	34	4
70 / 69		.9	4.6	3.1	2.6	1.3	.4											70	70	74	30
68 / 67		2.0	5.5	2.4	1.6	1.3	.4	.5										75	75	86	54
66 / 65		1.5	2.2	2.4	.5	1.6	.2											46	46	73	69
64 / 63		.2	1.8	2.2	1.1	.4	.4											33	33	74	83
62 / 61		.2	1.5	.4	.9	.5	.4											21	21	55	57
60 / 59		.4	1.3	1.3	.7	.2												21	21	40	50
58 / 57		.2	1.6	.2	.4	.2												14	14	31	37
56 / 55		.2	.4	.2	.2													5	5	30	43
54 / 53																				22	29
52 / 51			.2															1	1	12	30
50 / 49																				4	18
48 / 47																				2	16
46 / 45																					10
44 / 43																					5
42 / 41																					4
40 / 39																					3
38 / 37																					2
36 / 35																					1
TOTAL		6.4	29.6	26.5	21.0	10.8	4.4	1.1	.2									547	547		547
																				547	

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.	28885[illegible]1	39253	71.8	11.458	547							
Dry Bulb	2671004	38104	69.7	5.527	547			69.0	32.1	1.2		93
Wet Bulb	2241615	34887	63.8	5.508	547			34.7	1.7			93
Dew Point	1987232	32760	59.9	6.957	547			15.3	.3			93

USAFETAC FORM 0-26-5 (OL A) 82 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PAGE 1 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
96/ 95											.0		.0					2	2		
94/ 93										.1	.2	.0	.1	.0				16	16		
92/ 91								.0	.0	.3	.3	.1	.1	.1				46	46		
90/ 89							.1	.2	.6	.6	.1	.2	.2					97	97		
88/ 87					.0	.1	.3	.7	1.2	.5	.3	.2	.2	.0				173	173		
86/ 85						.2	.8	1.5	1.1	.7	.3	.3	.0					238	238		
84/ 83				.0	.1	.5	1.1	1.4	.9	.7	.5	.1	.1					264	264		
82/ 81				.1	.4	1.3	1.7	1.2	1.0	.4	.8	.0	.0					336	336		
80/ 79			.0	.3	.9	2.0	1.3	1.2	.8	.7	.2	.0						360	360	1	
78/ 77		.0	.0	1.2	2.4	1.4	1.3	.7	.9	.5	.2	.0						424	424	17	
76/ 75		.1	.6	2.1	2.2	1.4	.9	.9	.7	.4	.1	.0						462	462	73	5
74/ 73		.1	1.6	2.7	1.3	.9	.8	.5	.8	.2	.1							433	433	265	19
72/ 71		.4	2.9	1.8	1.3	.7	.7	.4	.3	.1	.0							422	422	507	52
70/ 69	.0	.9	3.2	1.6	1.2	.9	.5	.3	.2	.0								430	430	663	218
68/ 67		.9	3.3	1.2	.8	.6	.4	.3	.0	.0								368	368	711	457
66/ 65		1.2	1.6	.9	.6	.5	.3	.0	.0									255	255	629	638
64/ 63	.0	1.0	.9	.9	.5	.5	.1	.0										196	196	573	624
62/ 61	.0	.5	.7	.7	.5	.1	.1	.0										125	125	471	555
60/ 59		.2	.6	.5	.2	.0												81	81	291	419
58/ 57	.0	.1	.6	.3	.1	.1												57	57	247	333
56/ 55		.1	.3	.2	.1													37	37	173	319
54/ 53		.1	.2	.1	.0													20	20	127	270
52/ 51		.0	.1	.0														10	10	57	214
50/ 49		.1	.1	.0														11	11	35	220
48/ 47		.0																2	2	16	172
46/ 45																				8	144
44/ 43																				1	85
42/ 41																					58
40/ 39																					37
38/ 37																					11
36/ 35																					12
34/ 33																					5
32/ 31																					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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

72265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	.1	5.9	16.9	14.7	12.7	11.3	10.4	9.4	8.4	5.2	3.1	1.0	.7	.1				4865	4865	4865	4865

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	20015758	300586	61.8	17.230	4865							
Dry Bulb	27221629	361775	74.4	8.099	4865			622.6	436.0	207.7	2.8	744
Wet Bulb	20810728	316976	65.2	5.706	4865			342.1	54.4			744
Dew Point	17359448	288330	59.3	7.467	4865		.3	119.8	3.7			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

722265 STATION | MAXWELL AFB AL STATION NAME | 73.75-76.78-81 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
- / 79			.7	.7														2	2		
7 - / 77		.7	2.0	.7														5	5	1	
6 / 75		2.0	7.9	2.6														19	19	1	1
4 / 73		6.6	9.9	4.6	1.3	1.3												36	36	12	4
2 / 71	.7	9.3	5.3	2.0	2.0	.7												30	30	33	24
- / 69	.7	6.0	8.6		1.3	.7												26	26	29	30
6 / 67	1.3	6.6	1.3		2.0		.7											18	18	31	27
6 / 65		1.3	.7	1.3	.7													6	6	19	24
4 / 63	.7			1.3	.7													4	4	6	12
2 / 61		.7	.7		1.3													4	4	3	4
- / 59			.7															1	1	8	5
5 / 57																				4	5
5 / 55																				3	6
4 / 53																				1	1
2 / 51																					5
5 / 49																					1
- / 47																					1
4 / 45																					1
TOTAL	3.3	33.1	37.7	13.2	9.3	2.6	.7											151		151	
																		151		151	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	1069248	12594	83.4	11.213	151	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	768048	10754	71.2	3.798	151			81.1	37.0	1.2		90
Wet Bulb	696775	10235	67.8	4.496	151			63.8	8.3			90
Dew Point	658992	9936	65.8	5.882	151			51.3	3.0			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | JUN MONTH

PAGE 1 | 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
/ 89						.1												1	1		
8/ 87						.1												1	1		
6/ 85				.1	.5	.6		.1										11	11		
4/ 83				.3	1.4	.5	.3											19	19		
/ 81			.3	1.6	2.1	.9	.5											43	43		
/ 79		.1	1.3	3.8	2.1	2.1	.6	.1										81	81	3	
7 / 77			3.8	6.3	2.6	.9	.5		.1									113	113	12	2
6/ 75		1.8	6.5	6.3	1.5	1.3	.4	.3	.3									145	145	57	9
4/ 73		4.1	6.2	4.3	.8	1.0	.8											135	135	121	53
/ 71	.1	3.4	3.5	.9	.9	.6	.8	.1										82	82	165	121
/ 69	.1	2.4	3.4	.9	1.2	.9	.5	.1										74	74	157	165
/ 67	.1	1.0	2.1	.6	.8	.6												42	42	88	122
6/ 65	.1	.8	.8	.6	.6	.3												25	25	59	92
4/ 63	.1	.3	.5	.3	.1	.1												11	11	45	69
/ 61		.3	.4	.3	.1													8	8	34	36
/ 59		.1		.3	.1													4	4	29	21
/ 57			.3																2	16	29
/ 55																				7	22
4/ 53																				3	22
2/ 51																				1	17
/ 49																					6
/ 47																					8
/ 45																					3
TOTAL	.6	14.2	28.7	26.3	14.7	10.0	4.3	.8	.4										797		797
																		797		797	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4726765	60659	76.1	11.759	797							
Dry Bulb	4432955	59309	74.4	4.944	797			84.4	62.0	13.8		90
Wet Bulb	3825551	55085	69.1	4.798	797			68.1	21.8	.1		90
Dew Point	3517229	52727	66.2	6.034	797			53.3	7.2			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JUN (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
6/ 95									.2	.2	.1							5	5		
4/ 93								.4	.4	.4	.4	.1						13	13		
/ 91						.1	.7	.7	1.0	.4	.4	.2						29	29		
/ 89					.1	.5	2.0	2.6	1.1	.7	1.0	.1	.1					67	67		
8/ 87						2.9	3.4	1.5	1.7	.6	.1	.2						84	84		
6/ 85				.2	1.5	5.4	2.4	2.7	1.1	.7	.5	.2						119	119		
4/ 83				.7	4.2	4.7	3.0	2.1	.4	.7		.1						129	129		
/ 81			.1	2.5	4.7	3.0	2.0	.6	.4	.4	.2							112	112	6	
/ 79			.2	2.6	2.1	1.6	.9	.6	.7	.4	.2							76	76	23	
7/ 77		.1	1.5	1.4	2.0	.4	.7	1.1	.6	.4	.1							67	67	91	6
6/ 75		.5	1.4	.5	.7	.6	.4	.4	.2		.1							39	39	150	30
4/ 73		.1	.9	.9	.2	.4	.5	.6	.1									30	30	189	93
/ 71		.1	.9	.2		.9	.1	.1										19	19	121	141
/ 69		.4	.2		.1	.4	.1											10	10	68	139
/ 67		.1			.1													2	2	45	82
6/ 65																				42	91
4/ 63																				27	60
/ 61																				24	23
/ 59																				11	27
/ 57																				4	23
5/ 55																					25
4/ 53																					21
2/ 51																					17
5 / 49																					9
4/ 47																					8
4/ 45																					4
2/ 41																					1
4 / 39																					1
TOTAL		1.4	5.2	9.1	16.0	20.8	16.2	13.6	8.1	5.0	3.2	1.1	.1					801	801		801

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2977977	47699	59.5	13.112	801							
Dry Bulb	5518283	66349	82.8	5.293	801			90.0	86.5	67.9	2.0	90
Wet Bulb	4193695	57841	72.2	4.602	801			77.9	51.6	1.7		90
Dew Point	3600766	53438	66.7	6.680	801			55.2	14.5			90

USAFETAC FORM AS 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb Dew Point
1 0/ 99											.5	.1	.2	.1				8	8	
8/ 97										1.1	.5	.2	.6					20	20	
6/ 95								.1	.2	1.5	.6	1.6	.4	.2				38	38	
4/ 93							.2	.4	1.7	2.5	1.4	.9	.1	.6				63	63	
1/ 91							.5	1.9	4.0	2.1	2.0	.1	.6	.1				91	91	
/ 89						.4	2.5	3.7	3.7	2.1	.9	.6	.9					119	119	
8/ 87						2.1	4.2	3.5	3.0	1.2	.9	.7						126	126	
6/ 85					.5	3.1	2.5	1.9	1.5	.9	1.1	.4						95	95	
4/ 83				.1	2.7	1.6	2.0	1.0	.4	1.1	1.1	.1						82	82	
/ 81				.4	.6	.7	1.1	1.1	.2	.7	.6	.1	.2					48	48	7
/ 79			.2	.5	1.2	1.2	.5	.4	.4	.6	.1	.1						43	43	29
7/ 77			.5	.5	.5	.1	.4	.1	.6									22	22	120 1
6/ 75		.4	.4	.6	.1	.2	.4											17	17	165 14
4/ 73		.5	.5	.4		.1	.1											13	13	163 78
2/ 71		.5	.6	.1		.1												11	11	118 118
/ 69		.4	.2															5	5	69 119
6/ 67																				49 106
6/ 65																				38 92
4/ 63																				25 67
2/ 61																				13 53
/ 59																				5 18
6/ 57																				11
5/ 55																				16
4/ 53																				29
2/ 51																				30
1/ 49																				15
8/ 47																				6
6/ 45																				4
4/ 43																				1
2/ 41																				1
39/ 37																				2
TOTAL		1.7	2.5	2.6	5.7	9.9	14.5	14.1	15.9	14.0	9.7	5.1	3.1	1.1				801	801	801
																		801	801	

Element (X)	$\Sigma_n x'$	$\Sigma_n x$	$\bar{x}$	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.	2212468	40564	50.6	14.064	801							
Dry Bulb	6084517	69657	87.0	5.806	801			90.0	88.2	80.7	14.5	90
Wet Bulb	4261465	58323	72.8	4.302	801			80.9	54.4	1.7		90
Dew Point	3480097	52513	65.6	6.836	801			49.0	10.4			90

FORM AS-44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1 2/101												.1	.1					2	2		
1 0/ 99											.1	.1	.3	.1				5	5		
8/ 97										.1	1.0	.5	.5	.3				19	19		
6/ 95									.5	1.0	1.6	1.1	.8	.3	.1			43	43		
4/ 93								.3	1.3	1.8	2.0	1.4	.8	.8	.1			66	66		
2/ 91						.1	.1	1.3	2.4	2.5	2.5	1.0	.9	.1				87	87		
/ 89							1.6	3.9	3.3	3.1	.8	.6	.4					109	109		
8/ 87						1.3	3.4	2.5	3.0	1.5	.9	1.1						109	109		
6/ 85				.1	1.1	2.0	1.5	2.5	.9	1.0	1.3	.5	.3					89	89		
4/ 83				.3	1.1	1.1	1.1	.9	.3	.4	1.5	.4	.4					59	59	1	
/ 81				1.4	1.3	1.6	1.3	.6		.9	1.0	.1						65	65	1	
/ 79			.4	1.3	1.1	1.1	.4	.5		.4								41	41	15	1
7/ 77		1.0	1.1	1.4	.1	.3	.3	.1										34	34	102	1
6/ 75		.6	1.1	.9	.3		.4	.1										27	27	146	10
4/ 73		.3	.5	1.1	.1													16	16	184	62
2/ 71		1.1	1.3	.3														21	21	123	90
/ 69		.1	.3	.1														4	4	89	123
6/ 67			.4	.1														4	4	57	112
6/ 65																				38	100
4/ 63																				26	78
2/ 61																				14	65
/ 59																				4	29
/ 57																					28
5/ 55																					14
4/ 53																					28
2/ 51																					28
5 / 49																					13
4/ 47																					5
4/ 45																					9
4/ 43																					1
4 / 39																					2
3 / 37																					1
TOTAL		2.1	4.9	6.6	6.4	7.4	10.0	12.8	11.6	12.6	12.6	7.0	4.3	1.5	.3			800		800	
																		800		800	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2321394	41048	51.3	16.412	800							
Dry Bulb	6002940	69104	86.4	6.498	800			90.0	86.7	75.6	15.2	90
Wet Bulb	4200397	57879	72.3	4.111	800			80.8	50.5	.9		90
Dew Point	3919228	52016	65.0	6.819	800			49.9	8.3	.1		90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 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
6/ 95									.1		.2	.2						5	5		
4/ 93								.1	.2		.1	.2						6	6		
/ 91							.1	.5	.6	1.0	.4	.1						22	22		
/ 89						.2	.6	1.9	.5	.9	.2	.9						42	42		
8/ 87					.1	.7	2.0	1.0	1.5	.4	.6	.1						52	52		
6/ 85				.1	.7	3.1	2.5	3.0	1.5	.7	.1							95	95		
4/ 83				.4	2.1	3.4	2.5	1.9	.6	.5	.5	.1						96	96		
/ 81			.1	1.1	3.1	3.2	2.4	1.1	.5	.6	.1	.1						100	100		
/ 79			1.0	2.4	3.1	2.0	1.1	1.0	.7	.5								95	95	8	
/ 77		.4	3.0	3.6	2.0	.7	.7	.4	.2	.2	.2							93	93	39	1
6/ 75		.4	2.4	2.0	1.9	.2	.9	.6	.2									69	69	113	14
4/ 73		.7	1.7	2.1	.7	.1	.6	.5	.4									56	56	174	57
/ 71		1.4	2.1	.6		.7	.5	.2										45	45	158	89
/ 69		.6	1.2	.2	.1	.1												19	19	122	168
/ 67		.2	.2			.1												5	5	74	122
6/ 65		.1																1	1	42	91
4/ 63																				33	84
/ 61																				19	44
/ 59																				16	20
/ 57																				3	26
/ 55																					25
4/ 53																					18
2/ 51																					16
/ 49																					10
/ 47																					11
/ 45																					2
4/ 43																					1
2/ 41																					2
TOTAL		3.9	11.9	12.6	14.0	14.9	14.0	12.2	7.2	4.9	2.6	1.9						801		801	801
																			801		801	

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	≥ 92 F	Total
Rel. Hum.	3294755	49839	62.2	15.561	801							
Dry Bulb	5251556	64696	80.8	5.714	801			89.9	82.1	52.9	1.2	90
Wet Bulb	4084748	56890	71.0	4.214	801			77.3	37.5	.6		90
Dew Point	3500197	52709	65.8	6.298	801			50.7	8.1			90

USAFETAC FORM 0-26-5 (OL A) 82 Jul REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | JUN MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
8/ 87							.2											1	1		
6/ 85				.4	.4	.4		.4										8	8		
4/ 83				1.1	1.3	.9	.6	.6										24	24		
2/ 81				1.5	4.7	2.6	1.3	.9										59	59		
/ 79			2.2	2.6	4.7	2.8	.7	.4	.2									73	73	2	
7/ 77		.4	3.4	5.6	3.4	1.3	.9	.2	.2									82	82	10	1
6/ 75		.9	5.6	4.7	2.2	3.2	.2	.7										94	94	37	13
4/ 73		2.1	4.5	3.5	1.9	1.3	.6		.2									75	75	92	31
2/ 71	.4	2.1	4.5	1.3	.6	.7	.4	.4										55	55	136	67
/ 69	.2	.9	1.5	.7	.4	1.3	.9											32	32	77	126
6/ 67		1.1	1.3	.7	.6	.6	.2											24	24	68	65
6/ 65	.2	.6	.2	.2	.4													8	8	57	78
4/ 63		.2																1	1	13	41
2/ 61																				22	39
/ 59																				11	20
/ 57																				11	17
5/ 55																					7
4/ 53																					8
2/ 51																					15
5/ 49																					3
/ 47																					1
4/ 45																					4
TOTAL	.7	8.2	23.1	22.4	20.3	15.1	6.0	3.5	.6									536		536	536
																		536		536	

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.	2922399	39011	72.8	12.464	536							
Dry Bulb	3100941	40699	75.9	4.457	536			88.5	69.9	20.7		90
Wet Bulb	2611118	37340	69.7	4.292	536			70.9	23.7			90
Dew Point	2369672	35506	66.2	5.746	536			50.9	7.6			90

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

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PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 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
1 2/101												.0	.0					2	2		
1 0/ 99											.1	.0	.1	.0				13	13		
8/ 97										.2	.3	.1	.2	.0				39	39		
6/ 95								.0	.2	.5	.4	.5	.2	.1	.0			91	91		
4/ 93							.0	.2	.6	.8	.7	.4	.1	.2	.0			148	148		
/ 91						.0	.3	.7	1.4	1.0	.9	.3	.3	.0				229	229		
/ 89					.0	.2	1.2	2.1	1.5	1.2	.5	.4	.2					338	338		
8/ 87					.0	1.2	2.2	1.5	1.6	.6	.4	.4						373	373		
6/ 85				.1	.8	2.5	1.5	1.8	.9	.6	.5	.2	.0					417	417		
4/ 83				.4	2.1	2.0	1.6	1.1	.3	.5	.5	.1	.1					409	409	1	
/ 81			.1	1.4	2.6	1.9	1.4	.7	.2	.4	.3	.1	.0					427	427	14	
/ 79		.0	.8	2.1	2.2	1.7	.7	.5	.3	.3	.1	.0						411	411	80	1
7/ 77		.1	2.1	2.9	1.8	.5	.6	.3	.3	.1	.1							417	417	375	12
6/ 75		.8	2.9	2.4	1.0	.8	.4	.3	.1		.0							410	410	669	91
4/ 73		1.4	2.5	2.0	.6	.5	.4	.2	.1									361	361	935	378
/ 71	.1	1.6	2.1	.6	.3	.5	.3	.1										264	264	855	650
/ 69	.1	1.0	1.4	.3	.3	.4	.2	.0										170	170	611	871
/ 67	.1	.6	.7	.2	.3	.2	.0											95	95	413	636
6/ 65	.0	.3	.2	.2	.2	.0												40	40	295	569
4/ 63	.0	.1	.1	.1	.0	.0												16	16	175	411
/ 61		.1	.1	.0	.1													12	12	129	264
/ 59		.0	.0	.0	.0													5	5	84	160
/ 57			.0															2	2	38	139
/ 55																				10	115
4/ 53																				4	127
2/ 51																				1	128
/ 49																					57
/ 47																					40
/ 45																					27
4/ 43																					3
2/ 41																					4
/ 39																					3
/ 37																					3

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 90 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AS-24 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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
TOTAL	.3	6.0	12.9	12.8	12.3	12.6	10.8	9.5	7.4	6.2	4.8	2.6	1.3	.4	.0			4689	4689	4689	4689

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	19538303	291577	62.2	17.325	4689							
Dry Bulb	31170210	380716	81.2	7.427	4689			708.5	627.3	416.4	45.0	720
Wet Bulb	23853567	333729	71.2	4.645	4689			607.0	318.5	6.8		720
Dew Point	20558437	308981	65.9	6.452	4689			405.2	74.0	.2		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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-74,77-81 (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
/ 81					.6													1	1		
/ 79					2.5													4	4		
7-/ 77		1.3	8.3	1.3	.6													18	18		
6/ 75		12.1	6.4	6.4	1.3													41	41	8	4
4/ 73	4.5	14.0	7.6	5.1	.6													50	50	39	28
2/ 71	3.2	5.7	8.9	1.3	.6													31	31	50	36
/ 69	1.3	3.8	1.9															11	11	35	31
6-/ 67					.6													1	1	18	34
6/ 65																				5	14
4/ 63																				1	6
2/ 61																					2
/ 59																				1	1
2/ 51																					1
TOTAL	8.9	36.9	33.1	14.0	7.0														157		157
																		157		157	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1175948	13514	86.1	9.027	157							
Dry Bulb	859915	11613	74.0	2.432	157			93.0	67.5	1.2		93
Wet Bulb	793182	11152	71.0	2.576	157			88.9	27.8			93
Dew Point	760194	10912	69.5	3.373	157			78.8	19.0			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 89								.2										2	2		
8/ 87						.2	.1	.1										4	4		
6/ 85				.5	.7	.6	.7											21	21		
4/ 83				1.6	1.4	1.0			.1									34	34		
/ 81			.8	3.0	1.9	1.3	.4		.1									63	63		
/ 79		.1	5.9	4.7	3.4	1.1												126	126	5	
7 / 77		2.8	7.1	6.4	2.0	.1	.1											154	154	39	4
6/ 75	.5	6.5	9.3	4.7	.8	.2	.1											184	184	148	75
4/ 73	1.1	5.0	7.3	2.5		.1												134	134	227	137
/ 71	.5	3.0	5.3	.5														77	77	200	198
/ 69	.1	1.1	1.2			.1												21	21	129	183
/ 67		1.1	.1															10	10	63	140
6/ 65		.2																2	2	17	57
4/ 63																				3	27
/ 61																				1	5
/ 59																					2
/ 57																					1
5/ 55																					2
4/ 53																					1
TOTAL	2.2	19.8	37.0	23.8	10.3	4.8	1.4	.4	.2									832		832	
																		832		832	

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.	5554533	67515	81.1	9.553	832							
Dry Bulb	4896559	63747	76.6	3.852	832			92.8	80.7	20.2		93
Wet Bulb	4359944	60182	72.3	2.846	832			90.7	46.8			93
Dew Point	4119197	58479	70.3	3.267	832			82.4	24.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JULY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
120/ 99												.4							3	3		
8/ 97											.4								3	3		
6/ 95									.2	.5	.1	.1							8	8		
4/ 93						.1	.4	1.0	1.4	.2	.4								29	29		
/ 91						.4	1.7	2.0	1.6	.7			.1						54	54		
/ 89						1.4	3.7	3.3	.8	.4									80	80		
8/ 87					1.7	5.7	3.4	1.6	.8		.1								110	110		
6/ 85				1.0	3.5	7.0	2.5	1.0			.1								125	125		
4/ 83			.6	3.3	4.7	4.3	1.7	.2	.5										127	127	2	
2/ 81			2.4	4.1	4.5	1.1	.7	.1											107	107	13	
/ 79		.2	2.9	3.7	3.3	1.2	.1												95	95	90	5
7/ 77		.2	.8	1.6	.7	.1													29	29	205	35
6/ 75		.4	1.8	1.7															32	32	236	128
4/ 73		.1	1.3	.7															18	18	156	168
2/ 71		.2	.6																7	7	74	178
/ 69																					39	172
60/ 67		.4																	3	3	11	78
6/ 65																					4	36
4/ 63																						17
2/ 61																						7
/ 59																						3
4/ 53																						3
TOTAL		1.6	10.5	16.0	18.3	21.3	14.2	9.2	5.4	1.8	1.1	.5	.1						830		830	
																		830		830		

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 90 F	≥ 93 F	Total
Rel. Hum.	3722279	54737	65.9	11.648	830							
Dry Bulb	5937387	70071	84.4	5.127	830			93.0	91.9	78.5	4.8	93
Wet Bulb	4726987	62591	75.4	2.895	830			92.6	78.7	5.4		93
Dew Point	4245173	59285	71.4	3.573	830			85.6	37.6	.1		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 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
1 -/103													.1	.1				2	2		
1 2/101												.4	.7					9	9		
1 0/ 99										.1	.1	1.1	.2					13	13		
8/ 97										1.7	.8	.8	.2					30	30		
6/ 95								.2	1.8	3.1	2.4	1.0						71	71		
4/ 93							.1	3.5	3.5	3.4	1.3	.4		.1				102	102		
/ 91					.1	.2	1.2	2.4	4.7	.7	.6		.1					84	84		
/ 89						1.9	4.6	5.6	1.8	1.1		.1						125	125		
8/ 87					1.2	5.1	5.8	1.9	1.2	.2	.2							130	130		
6/ 85				.8	2.5	4.6	2.5	1.1	.5	.1								101	101		
4/ 83			1.4	1.9	1.2	.5	.1											43	43	1	
/ 81			.2	1.8	1.7	1.1		.2										42	42	15	
/ 79		.1	.8	.7	1.2	.5												28	28	146	2
7/ 77			.5	.8		.1												12	12	241	21
6/ 75		.4	.6	1.2			.1											19	19	224	78
4/ 73	.1	.2	.4	.2														8	8	112	167
/ 71	.1	.1	.1															3	3	59	165
/ 69	.2	.1	.1															4	4	18	180
6/ 67		.2																2	2	10	122
6/ 65																				2	48
4/ 63																					21
2/ 61																					14
/ 59																					3
/ 57																					2
5/ 55																					3
4/ 53																					2
TOTAL	.5	1.2	2.8	7.1	8.7	14.7	14.9	15.1	13.5	10.5	5.6	3.7	1.4	.2				828	828	828	828

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2791134	46836	56.6	13.096	828							
Dry Bulb	6528554	73360	88.6	5.914	828			93.0	92.0	85.8	25.5	93
Wet Bulb	4797069	62983	76.1	2.733	828			92.8	83.0	7.0		93
Dew Point	4135329	58435	70.6	3.706	828			82.6	30.1	.1		93

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

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PSYCHROMETRIC SUMMARY

722265 STATION — MAXWELL AFB AL STATION NAME — 73-81 YEARS — JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1 [illegible]/103													.1	.5				5	5		
1 2/101												.1	.4	.1				5	5		
1 0/ 99												1.5	.1	.1				14	14		
8/ 97										1.2	1.8	1.5	.1					38	38		
6/ 95								.1	1.5	2.9	4.0	1.7	.1					85	65		
4/ 93								1.1	2.3	2.6	1.5	.1	.2					64	64		
[illegible]/ 91							.5	2.6	3.9	2.0	.7	.2						81	81		
[illegible]/ 89			.1	.1	.2	.9	3.2	4.8	2.0	1.1	.2							103	103		
8/ 87				.1	.4	3.4	4.3	1.3	1.3	.1	.4							93	93		
6/ 85			.1	.4	1.1	3.4	1.6	1.1	.9									70	70	1	
4/ 83			.7	1.1	1.7	2.1	.7		.2									54	54	1	1
[illegible]/ 81		.2	.4	1.3	1.5	.7		.1										35	35	9	1
[illegible]/ 79		.2	1.2	1.8	2.6	.5	.1											53	53	87	4
7[illegible]/ 77		1.1	1.2	2.3	1.1	.1												48	48	211	14
[illegible]6/ 75		1.0	1.5	1.3	.4		.1											35	35	215	67
[illegible]4/ 73		.6	1.1	.6														19	19	146	105
[illegible]/ 71		.7	.7															12	12	89	156
[illegible]/ 69		.2	.4		.1													6	6	43	181
6[illegible]/ 67																				14	155
[illegible]6/ 65																				2	65
[illegible]4/ 63																				2	40
[illegible]2/ 61																					14
[illegible]/ 59																					7
5[illegible]/ 57																					10
TOTAL		4.1	7.4	9.1	9.0	11.1	10.5	11.1	12.1	9.9	8.7	5.1	1.1	.7				820		820	820

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2976052	47642	58.1	15.938	820			93.0	91.0	76.6	23.9	93
Dry Bulb	6290868	71584	87.3	7.141	820			92.5	76.0	3.3		93
Wet Bulb	4648167	61689	75.2	2.980	820			77.6	21.8	.3		93
Dew Point	4005569	57223	69.8	3.877	820							

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

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PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1 00/ 99												.1						1	1		
98/ 97											.2	.2	.1					5	5		
96/ 95										.2	.6	.2						9	9		
94/ 93								.1	.7	.9	.9							21	21		
92/ 91							.4	.9	2.2	.7	.1							35	35		
90/ 89							1.5	2.7	1.7	.7	.2							56	56		
88/ 87				.1	.4	2.1	3.2	1.5	.6									64	64		
86/ 85				.5	2.4	3.1	2.2	1.3	.4	.1								82	82		
84/ 83				1.7	2.8	2.1	1.7	.2	.2									72	72		
82/ 81		.1	.9	3.7	4.3	2.1	.7		.2									98	98	2	
80/ 79		.9	3.9	4.5	3.4	1.2	.1											115	115	15	1
78/ 77		1.7	3.3	3.9	2.1	.2												92	92	121	11
76/ 75		2.4	3.4	3.4	.6	.1												82	82	228	63
74/ 73	.1	1.6	2.8	1.1														46	46	197	13
72/ 71	.4	1.2	1.5															25	25	145	176
70/ 69		1.2	.5															14	14	74	169
68/ 67		.1																1	1	33	150
66/ 65																				3	59
64/ 63																					32
62/ 61																					12
60/ 59																					2
58/ 57																					4
56/ 55																					1
TOTAL	.5	9.3	16.3	18.9	16.0	10.9	9.8	6.7	6.1	2.7	2.1	.6	.1						818		818
																		818		818	

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.	4096454	56628	69.2	14.688	818							
Dry Bulb	5501364	66904	81.8	5.989	818			93.0	88.5	57.0	4.1	93
Wet Bulb	4463326	60380	73.8	2.834	818			92.7	64.0	.8		93
Dew Point	4027565	57329	70.1	3.446	818			80.5	24.2			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
/ 89							.2	.2	.2									3	3		
8/ 87						.2	1.3	.7										12	12		
6/ 85				.2	.2	1.8	1.1	.5										21	21		
4/ 83			.7	.9	1.8	3.5	.9											43	43		
/ 81			.7	4.7	2.7	1.5												53	53		
/ 79		.2	4.6	6.4	2.6	2.2		.4										89	89	6	1
7/ 77	.2	3.6	6.0	7.7	3.5	.4												117	117	20	8
6/ 75		3.6	8.6	4.6	.9	.2												98	98	123	33
4/ 73	.5	3.6	4.0	3.5	.2													65	65	151	93
/ 71	.4	2.7	2.7	.2														33	33	125	128
/ 69		1.5	.7															12	12	86	123
6/ 67		.4																2	2	28	93
6/ 65																				9	48
4/ 63																					17
/ 61																					1
/ 59																					1
/ 57																					2
TOTAL	1.1	15.7	28.1	28.1	11.9	9.7	3.5	1.8	.2										548		548
																		548		548	

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.	3370574	42572	77.7	10.759	548							
Dry Bulb	3335463	42695	77.9	4.072	548			93.0	85.0	30.0		93
Wet Bulb	2899128	39832	72.7	2.668	548			91.5	50.9	.5		93
Dew Point	2704428	38458	70.2	3.168	548			81.3	22.9			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1 [illegible]/103													.0	.1				7	7		
1 2/101												.1	.2	.0				14	14		
1 0/ 99										.0	.0	.5	.1	.0				31	31		
8/ 97										.5	.6	.4	.1					76	76		
16/ 95								.1	.6	1.2	1.2	.5	.0					173	173		
4/ 93							.0	.1	1.0	1.4	1.2	.7	.1	.0	.0			216	216		
[illegible]/ 91					.0	.1	.6	1.3	2.1	.7	.2	.0	.0					254	254		
/ 89			.0	.0	.0	.7	2.2	2.8	1.1	.6	.1	.0						369	369		
8/ 87				.0	.6	2.8	3.0	1.2	.7	.1	.1							413	413		
6/ 85			.0	.6	1.8	3.4	1.8	.8	.3	.0	.0							420	420	1	
4/ 83			.3	1.7	2.4	2.2	.9	.1	.2									373	373	4	1
[illegible]/ 81		.1	.9	2.9	2.7	1.2	.3	.1	.1									399	399	39	1
/ 79		.3	3.0	3.4	2.7	1.0	.1	.0										510	510	349	13
7 / 77	.1	1.4	3.2	3.5	1.4	.2	.0											470	470	837	93
16/ 75	.1	2.6	4.0	2.8	.5	.1	.1											491	491	1182	448
4/ 73	.4	2.2	2.9	1.4	.0	.0												340	340	1028	836
[illegible]/ 71	.3	1.4	2.0	.1	.2													188	188	742	1037
/ 69	.1	.7	.5		.0	.0												68	68	424	1039
6[illegible]/ 67		.4	.0		.2													19	19	177	772
6/ 65		.0																2	2	42	327
4/ 63																				6	160
2/ 61																				1	55
[illegible]/ 59																				1	19
5[illegible]/ 57																					19
5[illegible]/ 55																					6
[illegible]4/ 53																					6
2/ 51																					1
TOTAL	1.2	9.1	16.9	16.5	12.2	11.8	9.1	7.4	6.4	4.2	3.0	1.7	.5	.2					4833		4833
																		4833		4833	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	23686974	329444	68.2	15.956	4833							
Dry Bulb	33350110	399974	82.8	7.174	4833			743.7	701.4	462.0	79.6	744
Wet Bulb	26687803	358809	74.2	3.194	4833			736.3	529.6	22.9		744
Dew Point	23997455	340121	70.4	3.569	4833			652.7	214.3	.8		744

USAFETAC FORM 0-76-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73,75-76,78-81 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
7-/ 77		2.9	2.9	.7														9	9		
76/ 75		8.0	7.2	2.2														24	24	7	3
74/ 73	2.9	15.2	16.7	.7	.7													50	50	25	22
-/ 71	.7	12.3	11.6	.7														35	35	40	25
-/ 69	.7	6.5	2.9	.7														15	15	37	35
6-/ 67		1.4	1.4															4	4	18	31
6/ 65																				8	13
4/ 63																				2	6
-/ 61		.7																1	1		2
-/ 59																				1	
-/ 57																					1
TOTAL	4.3	47.1	42.8	5.1	.7														138		138
																		138		138	

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.	1081155	12181	88.3	6.596	138							
Dry Bulb	734202	10060	72.9	2.480	138			92.3	55.9			93
Wet Bulb	687153	9731	70.5	2.670	138			85.6	21.6			93
Dew Point	663900	9562	69.3	3.140	138			78.2	16.8			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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					
≥ 87					.1	.1													2	2		
85				.5	.8														11	11		
83			.8	3.2	1.6														47	47		
81		.6	2.2	4.8	1.7														77	77	1	
79		1.6	7.9	6.3	.8	.2													141	141	19	3
77	.1	5.7	13.9	2.8	.5	.1													193	193	96	31
75	1.1	7.1	11.2	2.4	.1														182	182	209	118
73	.5	4.7	7.1	1.2	.2														114	114	241	213
71	.1	2.6	2.4	.6	.1														49	49	146	224
69		.7	.8	.2															15	15	83	142
67		.2	.1	.1															4	4	26	61
65		.1																	1	1	10	19
63																					4	15
61																					1	7
59																						3
≤ 57																						
TOTAL	1.7	23.3	46.4	22.1	6.0	.5													836	836	836	836

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.	5890709	69913	83.6	7.261	836							
Dry Bulb	4724879	62783	75.1	3.447	836			92.4	72.6	10.6		93
Wet Bulb	4283368	59792	71.5	2.886	836			88.4	36.2			93
Dew Point	4080182	58346	69.8	3.116	836			81.3	16.9			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 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
8/ 97										.1								1	1		
4/ 93								.5	.4									7	7		
/ 91							.4	.8	.2									12	12		
/ 89						1.8	2.7	2.6	.2	.1	.1							64	64		
8/ 87					1.4	6.2	4.9	1.4	.5									121	121		
6/ 85				.8	5.5	8.5	2.6	.4	.5	.1								154	154		
4/ 83			.1	2.2	8.7	3.3	.7	.2	.1									129	129		
/ 81			1.1	5.9	6.3	1.7	1.3	.2	.1									139	139	3	
/ 79		.2	1.7	3.8	3.1	.5	.5	.1										83	83	60	1
/ 77		.4	1.8	4.1	1.6	.5	.1											70	70	204	18
6/ 75	.1	.4	1.6	1.1	.2	.1												29	29	248	91
4/ 73		.4	1.4	.5	.1	.1												21	21	187	207
/ 71		.1	.7															7	7	73	239
/ 69																				45	150
6/ 67																				13	67
6/ 65																				4	27
4/ 63																					16
/ 61																					11
/ 59																					7
/ 57																					2
5/ 55																					1
TOTAL	.1	1.4	8.4	18.3	27.0	22.7	13.3	6.3	2.0	.4	.1								837		837
																		837		837	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3913662	56648	67.7	9.766	837							
Dry Bulb	5819727	69701	83.3	4.291	837			93.0	92.2	75.2	.9	93
Wet Bulb	4714260	62774	75.0	2.742	837			92.6	78.0	2.3		93
Dew Point	4260613	59653	71.3	3.307	837			85.9	35.2			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

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | AUG MONTH

 1200-1400C 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
1 0/ 99										.1	.2	.1						4	4		
8/ 97									.1	.4		.1						5	5		
96/ 95								.1	1.6	.6	.6							24	24		
94/ 93							.2	1.9	2.6	2.9	.6	.1						70	70		
/ 91						.4	2.4	5.1	4.7	1.4	.6	.1						123	123		
/ 89					.1	2.0	6.5	10.8	1.9	1.2	.4							191	191		
8/ 87					.6	4.9	6.8	2.7	.6	.8	.5							142	142		
6/ 85					1.8	5.6	3.6	1.8	.6									112	112		
4/ 83				1.1	2.9	2.4	1.0	.4	.4									67	67		
/ 81			.5	1.1	1.3	1.2	.2	.1	.2									39	39	18	
/ 79			.5	1.2	.7	.1	.2											23	23	114	1
76/ 77		.1	.2	1.2	.2	.1												16	16	231	15
76/ 75		.1	.1	.4														5	5	247	79
74/ 73			.8	.1														8	8	131	156
72/ 71		.1	.5															5	5	53	201
/ 69		.2	.1															3	3	33	188
6 / 67																				9	96
66/ 65																				1	49
64/ 63																					22
2/ 61																					12
/ 59																					8
58/ 57																					8
5 / 55																					2
TOTAL		.6	2.7	5.0	7.6	16.7	20.9	22.9	12.7	7.4	2.9	.5						837		837	
																		837		837	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2837670	47938	57.3	10.495	837							
Dry Bulb	6468418	73478	87.8	4.638	837			93.0	92.1	88.0	11.4	93
Wet Bulb	4818014	63462	75.8	2.740	837			92.9	82.3	6.3		93
Dew Point	4170952	59004	70.5	3.707	837			81.8	27.9			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
10/ 99											.4	.2						5	5		
98/ 97										.2	.4	.2						7	7		
96/ 95								.1	.7	1.1	.4	.5						23	23		
94/ 93								.7	2.5	2.5	.7							54	54		
92/ 91						.4	2.0	4.4	4.8	3.0	.2	.1						125	125		
90/ 89						1.0	4.1	7.3	2.7	2.0	.6							148	148		
88/ 87			.1		.1	4.2	5.4	2.6	1.3	.2	.2							119	119		
86/ 85			.1	.1	1.6	5.1	3.5	2.5	.5	.2	.2							116	116		
84/ 83				.6	2.0	2.2	1.6	.7	.8									66	66	1	1
82/ 81			.5	2.6	1.1	1.1	.1	.6										50	50	10	
80/ 79			.6	1.9	1.1													30	30	63	2
78/ 77		.7	1.0	1.4	.6													31	31	185	9
76/ 75		1.1	.8	.6	.1													22	22	260	53
74/ 73	.1	.8	2.3	.4														30	30	175	143
72/ 71			.7															6	6	88	167
70/ 69		.2	.4															5	5	34	199
68/ 67																				21	129
66/ 65																					70
64/ 63																					30
62/ 61																					10
60/ 59																					13
58/ 57																					8
56/ 55																					3
TOTAL	.1	2.9	6.5	7.6	6.6	13.9	16.6	19.0	13.4	9.3	3.1	1.1							837		837
																		837		837	

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.	3036096	49138	58.7	13.455	837							
Dry Bulb	6302408	72474	86.6	5.688	837			93.0	91.8	81.7	9.9	93
Wet Bulb	4721961	62823	75.1	2.817	837			93.0	77.1	3.7		93
Dew Point	4092196	58440	69.8	3.768	837			78.1	23.1	.2		93

USAFETAC FORM AS 24 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL 73-81
STATION STATION NAME YEARS

 1800-
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 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							2	2		
94/ 93									.1	.1								2	2		
92/ 91							.1	.2	.2	.1								6	6		
90/ 89						.2	1.1	1.0	.4	.1	.1							24	24		
88/ 87					.1	2.9	2.4	1.2	1.0									63	63		
86/ 85				.5	2.4	5.1	2.3	1.0	.1									95	95		
84/ 83				2.8	4.0	3.0	1.9	.6	.1	.1								104	105		
82/ 81		.1	.7	4.3	6.3	2.9	.5	.5										128	128		
80/ 79		.1	2.9	5.7	4.2	1.6	.5	.2										127	127	17	
78/ 77		.8	4.7	4.3	2.8	.1	.5											110	110	100	7
76/ 75	.1	2.0	4.7	2.6	.6	.4												87	87	211	57
74/ 73	.5	2.4	3.8	.5	.1													61	61	232	150
72/ 71		.6	1.3	.1														17	17	163	219
70/ 69		.4	.6															8	8	75	172
68/ 67			.1															1	1	29	137
66/ 65																				8	52
64/ 63																					12
62/ 61																					18
60/ 59																					8
58/ 57																					2
56/ 55																					1
TOTAL	.6	6.5	18.8	20.8	20.5	16.2	9.2	4.7	1.9	.6	.2								836		835
																		835		835	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4395779	59749	71.6	12.015	835							
Dry Bulb	5454289	67411	80.6	4.718	836			93.0	90.1	55.1	.4	93
Wet Bulb	4525660	61430	73.6	2.754	835			92.1	62.4	.4		93
Dew Point	4129393	58653	70.2	3.361	835			82.6	23.8			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 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
8/ 87						.2												1	1		
6/ 85					.5	.2												4	4		
4/ 83			.2	.7	1.4	.4		.2										16	16		
./ 81			1.4	3.3	3.4	.9	.2	.2										51	51		
- / 79		.2	5.2	8.3	3.4	1.1												102	102	2	
7- / 77		2.8	10.8	7.3	3.7	.2	.2											141	141	20	2
76/ 75		3.9	10.8	5.3	2.3	.5												127	127	100	29
74/ 73	.4	4.6	6.7	1.6	.5	.2												79	79	166	107
7./ 71		1.8	3.4	.4														31	31	146	146
./ 69		.5	.7	.2	.2													9	9	91	117
6 / 67		.4																2	2	25	101
66/ 65																				11	41
4/ 63																				2	8
2/ 61																					5
- / 59																					7
TOTAL	.4	14.2	39.3	26.8	15.1	3.6	.4	.4											563		563
																		563		563	

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.	3639382	45014	80.0	8.472	563							
Dry Bulb	3337286	43310	76.9	3.148	563			93.0	86.1	21.3		93
Wet Bulb	2953274	40750	72.4	2.595	563			90.9	47.6			93
Dew Point	2780255	39525	70.2	3.109	563			82.9	22.8			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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
1 0/ 99										.0	.1	.1						9	9		
8/ 97									.0	.1	.1	.1						13	13		
96/ 95								.0	.4	.3	.2	.1						49	49		
94/ 93							.0	.5	1.0	.9	.2	.0						133	133		
92/ 91						.1	.8	1.8	1.7	.8	.1	.0						266	266		
90/ 89					.0	.9	2.5	3.7	.9	.6	.2							427	427		
88/ 87			.0		.4	3.1	3.3	1.4	.6	.2	.1							446	446		
86/ 85			.0	.2	2.0	4.2	2.2	1.0	.3	.1	.0							483	483		
84/ 83			.0	1.3	3.3	1.9	.9	.3	.2	.0								393	394	1	1
82/ 81		.0	.8	3.3	3.2	1.3	.4	.3	.1									454	454	31	
80/ 79		.2	1.9	3.9	2.2	.5	.2	.1										443	443	257	4
78/ 77		1.0	4.0	3.9	1.5	.2	.1											522	522	759	54
76/ 75	.1	2.3	5.1	2.0	.5	.2												490	490	1172	343
74/ 73	.4	2.8	4.6	.9	.1	.0												431	431	1128	906
72/ 71	.1	1.5	2.5	.3	.0													217	217	806	1213
70/ 69	.0	.8	.8	.1	.0													89	89	463	1088
68/ 67		.2	.2	.0														22	22	198	704
66/ 65		.0	.0	.0														4	4	58	313
64/ 63		.0																1	1	14	113
62/ 61		.0																1	1	4	73
60/ 59																				2	50
58/ 57																					24
56/ 55																					7
TOTAL	.6	8.9	20.0	15.9	13.3	12.4	10.3	9.1	5.1	3.0	1.1	.3							4894		4893
																		4893		4893	

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.	24865199	341421	69.8	14.593	4893							
Dry Bulb	32899327	399979	81.7	6.546	4894			743.1	693.2	444.4	31.0	744
Wet Bulb	26756438	361488	73.9	3.204	4893			732.1	509.1	17.5		744
Dew Point	24228086	343894	70.3	3.450	4893			655.8	198.9	.3		744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL 74,76,78-81 EP
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
7 / 77			1.6		.8													3	3		
76/ 75		1.6	4.0	.8														8	8		
74/ 73		2.4	8.0	3.2														17	17	8	4
72/ 71		7.2	17.6	2.4		.8												35	35	9	7
/ 69		2.4	13.6	.8														21	21	23	14
6 / 67		1.6	4.8	2.4														11	11	26	18
66/ 65		2.4	3.2	2.4			.8											11	11	17	22
64/ 63		.8	3.2	.8														6	6	12	19
62/ 61		1.6	2.4	1.6	.8													8	8	6	11
/ 59					.8													1	1	12	7
58/ 57		.8																1	1	2	6
56/ 55		.8																1	1	4	6
54/ 53			.8															1	1	1	4
52/ 51			.8															1	1	1	1
50/ 49																				1	2
48/ 47																				1	
46/ 45																					2
44/ 43																					2
TOTAL		21.6	60.0	14.4	2.4	.8	.8											125	125	125	125

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.	841588	10210	81.7	7.847	125							
Dry Bulb	603761	8667	69.3	4.774	125			68.4	20.2			90
Wet Bulb	543503	8217	65.7	5.198	125			49.0	5.8			90
Dew Point	508494	7936	63.5	6.126	125			31.0	2.9			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | SEP 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
/ 81					.1	.1												2	2		
/ 79			.7	1.2	1.5	.5												32	32		
7 / 77		.6	1.7	2.7	1.5	.4												56	56		
6 / 75		1.6	5.1	5.2	1.5	.1												109	109	20	6
4 / 73	.6	4.0	7.2	5.9	.1													144	144	79	31
2 / 71	.4	5.6	7.1	2.6	.9													133	133	121	79
/ 69	.1	3.0	6.7	.7	1.4	.5	.2											102	102	157	124
6 / 67	.1	1.4	3.1	2.1	.6	.2	.2											63	63	120	120
6 / 65		2.1	3.1	1.4	.4	.5	.4											63	63	78	114
4 / 63		.6	1.1	1.0	.1	.1	.1											25	25	53	94
2 / 61		.9	1.4	1.0	.4	.1												30	30	56	44
/ 59		.4	1.1	.4	.1													16	16	39	42
/ 57		.2	.7		.2													10	10	24	41
/ 55		.1	.6	.2														8	8	20	29
4 / 53		.2	.5	.1														7	7	20	19
2 / 51			.6															5	5	6	18
5 / 49			.2															2	2	9	15
4 / 47																				4	10
1 / 45			.1															1	1	1	13
4 / 43																					4
2 / 41																				1	4
0 / 37																					1
TOTAL	1.2	20.7	41.1	24.6	8.8	2.6	1.0											808	808		808
																				808	

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.	5288515	64899	80.3	9.691	808							
Dry Bulb	4055045	57053	70.6	5.733	808			71.4	38.2	1.3		90
Wet Bulb	3609430	53796	66.6	5.862	808			55.4	11.0			90
Dew Point	3363903	51841	64.2	6.844	808			40.1	4.1			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | SEP 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
6/ 95											.1	.1						2	2		
4/ 93										.1	.2	.1						4	4		
/ 91						.1			.5	.5	.2							11	11		
/ 89							.2	1.1	1.0	.5	.2							25	25		
8/ 87						1.9	1.9	1.9	.5			.1						50	50		
6/ 85				.2	.7	3.1	3.1	2.2										76	76		
4/ 83				1.4	4.1	4.0	1.9	.4	.1	.1								96	96		
/ 81			.7	2.5	4.6	3.2	1.4	.6	.4	.1	.2							111	111	1	
/ 79			1.4	3.5	4.2	2.0	1.0	.6	.1									103	103	3	
7/ 77		.4	1.2	4.1	2.3	.4	.7	.2	.6	.1								82	82	58	3
6/ 75		.6	1.7	1.9	1.5	1.2	.5	.7	.4									69	69	137	32
4/ 73		.5	.7	1.4	.1	1.4	.4	.4	.1									40	40	198	62
/ 71		.6	1.0	.5	1.0	1.1	.2	.2	.1									39	39	115	128
/ 69		.2	1.5	.9	1.0	.2	.2	.4										36	36	74	129
6/ 67		.1	1.1	.5	.4	.2	.1	.4										23	23	37	128
6/ 65		.2	1.0	.2	.1	.1	.1											15	15	47	87
4/ 63	.1	.1	.4	.1	.4	.1												10	10	45	44
2/ 61			.1	.6														6	6	41	28
/ 59			.1	.1	.2													4	4	18	39
/ 57			.2	.4														5	5	9	39
5 / 55			.1	.1														2	2	12	22
4/ 53																				9	15
2/ 51																				5	12
/ 49																					14
/ 47																					11
/ 45																					9
4/ 43																					6
2/ 41																					1
TOTAL	.1	2.8	11.4	18.3	20.6	19.0	11.7	9.1	3.8	1.5	1.1	.4						809		809	809
																		809		809	

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.	3590723	52865	65.3	12.983	809							
Dry Bulb	5090501	63935	79.0	6.834	809			85.3	74.4	48.4	.7	90
Wet Bulb	4047298	57036	70.5	5.689	809			69.3	44.2	.1		90
Dew Point	3556065	53333	65.9	7.046	809			53.6	10.8			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | SEP 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				
1 2/101														.2				2	2		
1 0/ 99													.2	.4				5	5		
98/ 97												.5	.7	.1				11	11		
96/ 95											.2	.7	.4					11	11		
94/ 93									.2	1.1	2.7	.5		.1				38	38		
92/ 91							.1	1.4	2.2	2.7	1.2	.2		.2				66	66		
90/ 89						.1	1.0	4.4	2.2	2.1	.7	.1		.1	.1			89	89		
88/ 87						2.3	5.3	3.7	2.8	.4	.4	.2	.1					124	124		
86/ 85				.4	1.1	4.3	2.7	2.0	1.0	.2	.2	.1	.1					99	99		
84/ 83			.1	.5	2.8	3.2	2.0	1.2	1.1	.6	.5							98	98		
82/ 81				1.2	2.0	1.4	.7	.7	.6	.4	.5							61	61		
80/ 79		.1		.4	.6	.6	.6	.5	.6	.5	.1							33	33	11	
78/ 77			.2	.9	.5	.5	.4	.2	.4	.7								31	31	78	9
76/ 75		.2	.6	1.2	.7	1.0	.7	.4	.2									42	42	194	14
74/ 73		.5	.5	.4	.4	.4	.1	.2	.6									25	25	184	47
72/ 71		.1	.7	.4	.4	.5	.2		.2									21	21	99	105
70/ 69		.1	1.4	.5	.1													17	17	47	138
68/ 67		.1	.7		.2													9	9	48	109
66/ 65	.1	.4	.7															10	10	47	107
64/ 63			.1	.5														5	5	41	73
62/ 61			.5		.1													5	5	26	48
60/ 59			.1	.5	.1													6	6	13	36
58/ 57			.1	.1														2	2	12	28
56/ 55																				3	27
54/ 53																				6	14
52/ 51																				1	16
50/ 49																					14
48/ 47																					16
46/ 45																					5
44/ 43																					6
42/ 41																					3
TOTAL	.1	1.6	5.9	6.9	9.1	14.3	14.0	14.8	12.3	8.8	6.7	2.5	1.6	1.2	.1				810		810
																		810		810	

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	2646368	44728	55.2	14.771	810							
Dry Bulb	5781471	67913	83.8	7.657	810			86.9	81.7	68.6	7.4	90
Wet Bulb	4170034	57962	71.6	5.261	810			73.4	51.9	.1		90
Dew Point	3474906	52758	65.1	6.908	810			46.3	7.2			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
100/ 99														.5	.1			5	5		
98/ 97													.9	.4				10	10		
96/ 95												.5	.7	.2				12	12		
94/ 93										.7	2.1	1.1	.2	.2				36	36		
92/ 91								.5	1.1	2.6	1.5	.4	.1		.2			52	52		
90/ 89						.1	.6	4.0	3.0	2.1	.5	.5		.1				88	88		
88/ 87						1.0	4.3	3.6	2.5	.5	.2	.6	.1					104	104		
86/ 85				.1	.6	2.9	3.3	2.2	1.0	1.4	.1	.1						95	95		
84/ 83				.4	1.5	1.2	2.1	1.7	1.5	.2	.2							72	72		
82/ 81		.2		.9	1.7	1.7	.6	.5	.1	.6	.6							57	57		
80/ 79		.2	.6	2.2	1.5	.7	.9	.4	.4	.6	.2							63	63	5	
78/ 77		.2	1.4	1.6	1.0	.5	.2	.4	.5	.5								51	51	49	4
76/ 75	.1	.4	.9	1.2	.9	.9	.5	.5	.1	.1								45	45	139	12
74/ 73			.1	1.0	.6	.4	.1	.1	.6	.1								25	25	228	44
72/ 71			1.6	.7	.5	.2	.2	.1										28	28	105	84
70/ 69	.4	.4	2.1	.4	.6	.2												33	33	73	110
68/ 67		.2	.4			.1												6	6	62	123
66/ 65		.1	.4	.1														5	5	46	102
64/ 63			.2															2	2	36	88
62/ 61			.5															4	4	29	58
60/ 59		.5	.5	.2														10	10	10	48
58/ 57				.5														4	4	16	35
56/ 55																				3	27
54/ 53																				2	8
52/ 51																				4	24
50/ 49																					14
48/ 47																					10
46/ 45																					9
44/ 43																					6
42/ 41																					1
TOTAL	.5	2.4	8.7	9.4	8.9	10.0	13.0	14.0	10.8	9.5	5.6	3.2	2.1	1.5	.4			807	807	807	807

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.	2775325	45385	56.2	16.630	807							
Dry Bulb	5601439	66933	82.9	7.875	807			87.2	79.7	63.5	7.0	90
Wet Bulb	4087079	57287	71.0	5.032	807			73.7	47.0			90
Dew Point	3401681	52109	64.6	6.770	807			42.0	6.7			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) SEP (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				
/ 89									.1	.6	.5	.1						11	11		
8/ 87							.2	.4	1.1	.5								18	18		
86/ 85					.1	.5	1.4	1.5	.7	.1								35	35		
84/ 83				.6	1.0	2.3	3.0	1.2	.1		.2	.1						70	70		
/ 81			.2	1.7	2.3	3.3	1.7	.7	.1	.1								84	84		
/ 79			1.2	3.3	3.3	3.1	.5	.5	.5	.1								102	102		
7 / 77		.9	4.0	3.8	4.4	1.1	.7	.2	.4									126	126	15	1
6/ 75		2.0	3.8	2.2	2.1	.9	.5	.5										97	97	57	13
4/ 73	.1	1.0	2.1	2.7	1.4	.6	.4	.1	.4									71	71	164	54
2/ 71		.7	2.7	1.9	.6	.4	.5	.5										59	59	165	92
/ 69	.4	.4	2.2	2.1	.4	.5	.2	.2										52	52	120	109
6/ 67		1.2	.9	1.6	.2	.5	.2											38	38	86	116
6/ 65		.1	.5	.4	.4	.1												12	12	60	124
4/ 63			.4	.6	.2	.1												11	11	49	80
2/ 61			.4															3	3	29	63
/ 59		.2	.4	.1														6	6	20	33
6/ 57		.1	.9	.4														11	11	22	30
2/ 55			.2	.1														3	3	8	20
4/ 53																				9	23
2/ 51																				4	21
/ 49																				1	8
6/ 47																					13
4/ 45																					9
TOTAL	.5	6.7	19.9	21.6	16.6	13.5	9.4	5.9	3.5	1.5	.7	.2							809		809
																		809		809	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 90 F	≤ 93 F	Total
Rel. Hum.	4013000	55832	69.0	14.065	809							
Dry Bulb	4765379	61879	76.5	6.329	809			84.9	68.3	29.6		90
Wet Bulb	3890082	55942	69.1	5.184	809			67.5	26.3			90
Dew Point	3454330	52604	65.0	6.471	809			42.8	7.6			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) SEP (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
[illegible]4/ 83							.2											1	1		
[illegible]2/ 81				.4	.6	1.5	.6											16	16		
[illegible] / 79		.2	1.3	1.1	2.2	2.0	.7											41	41		
78/ 77		.6	3.1	4.2	6.8	1.1												86	86	2	1
[illegible]6/ 75	.2	2.8	7.2	5.1	4.2	.9		.2										112	112	19	10
[illegible]4/ 73	.4	2.6	5.3	3.5	1.5	1.1	.4	.2										81	81	70	24
[illegible]2/ 71		1.7	3.9	3.5	1.1	.2	.2											57	57	111	54
[illegible] / 69	.6	.7	5.7	1.7	.2	.6	.2	.2										53	53	94	82
66/ 67		1.3	2.0	2.2	.2	.4	.6											36	36	73	82
[illegible]6/ 65		.4	.9	1.5	.4	.2												18	18	61	81
[illegible]4/ 63			1.3	.9	.2													13	13	34	56
62/ 61			.4	.9	.2													8	8	20	48
[illegible] / 59		.4	1.1	.2														9	9	17	23
[illegible]/ 57			.4	.9														7	7	20	22
56/ 55			.6	.2														4	4	9	14
[illegible]4/ 53			.2															1	1	8	12
[illegible]2/ 51			.2															1	1	3	13
5 / 49																				2	8
[illegible]8/ 47																				1	5
46/ 45																					8
[illegible]4/ 43																					1
TOTAL	1.1	10.5	33.5	26.3	17.5	7.9	2.8	.6											544		544
																		544		544	

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.	3220288	41452	76.2	10.660	544							
Dry Bulb	2910191	39681	72.9	5.384	544			79.9	55.8	5.3		90
Wet Bulb	2516351	36887	67.8	5.283	544			61.0	15.1			90
Dew Point	2308271	35269	64.8	6.320	544			41.9	5.8			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
102/101														.0				2	2		
100/ 99													.0	.1	.0			10	10		
98/ 97												.1	.3	.1				21	21		
96/ 95											.1	.2	.2	.0				25	25		
94/ 93									.0	.3	.9	.3	.0	.1				78	78		
92/ 91						.0	.0	.3	.7	1.0	.5	.1	.0	.0	.0			129	129		
90/ 89						.0	.3	1.6	1.1	.9	.3	.1		.0	.0			213	213		
88/ 87						.9	2.0	1.6	1.2	.2	.1	.2	.0					296	296		
86/ 85				.1	.4	1.8	1.9	1.4	.5	.3	.1	.0	.0					305	305		
84/ 83			.0	.5	1.6	1.8	1.5	.8	.5	.2	.2	.0						337	337		
82/ 81		.0	.2	1.1	1.9	1.8	.8	.4	.2	.2	.2							331	331	1	
80/ 79		.1	.8	2.0	2.2	1.4	.6	.3	.3	.2	.1							374	374	19	
78/ 77		.4	1.9	2.7	2.5	.6	.4	.2	.3	.2								435	435	202	13
76/ 75	.0	1.2	3.0	2.6	1.6	.8	.4	.4	.1	.0								485	485	566	87
74/ 73	.2	1.4	2.6	2.4	.6	.6	.2	.2	.3	.0								403	403	934	268
72/ 71	.1	1.6	3.2	1.5	.7	.4	.2	.1	.1									372	372	725	550
70/ 69	.2	.8	3.4	1.0	.6	.3	.1	.1										314	314	588	706
68/ 67	.0	.7	1.4	1.0	.3	.2	.2	.1										186	186	454	696
66/ 65	.0	.6	1.2	.6	.2	.1	.1											136	136	356	637
64/ 63	.0	.1	.6	.5	.1	.1	.0											72	72	270	454
62/ 61		.2	.6	.4	.1	.0												64	64	209	300
60/ 59		.2	.5	.3	.1													52	52	129	229
58/ 57		.1	.4	.3	.0													40	40	105	202
56/ 55		.0	.2	.1														18	18	59	145
54/ 53		.0	.1	.0														9	9	55	95
52/ 51			.1															7	7	24	105
50/ 49			.0															2	2	13	75
48/ 47																				6	65
46/ 45			.0															1	1	1	55
44/ 43																					25
42/ 41																				1	9
38/ 37																					1
TOTAL	.6	7.7	20.4	17.3	13.1	11.1	8.8	7.6	5.2	3.6	2.4	1.1	.6	.5	.1			4717	4717		4717
																		4717		4717	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	22411285	315791	66.9	16.410	4717							
Dry Bulb	28793827	366421	77.7	8.364	4717			658.8	525.7	294.7	20.8	720
Wet Bulb	22887623	327471	69.4	5.704	4717			532.6	262.8	.3		720
Dew Point	20090337	306185	64.9	6.761	4717			354.1	56.2			720

FORM AS-44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 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
76/ 75					.9		.9											1	1		
74/ 73																		1	1		
72/ 71		.9	.9			.9												3	3		
70/ 69		.9																1	1	1	1
68/ 67		1.8	.9	.9														4	4	3	1
66/ 65		1.8	3.5		.9													7	7	2	
64/ 63		1.8	2.7															5	5	5	5
62/ 61		2.7	4.4	.9		1.8												11	11	7	4
60/ 59		4.4	5.3	1.8		.9												14	14	10	4
58/ 57		2.7	2.7	.9														7	7	10	12
56/ 55		2.7	3.5	.9	.9													9	9	10	10
54/ 53		3.5	3.5		.9													9	9	9	7
52/ 51		1.8	4.4	1.8														9	9	8	11
50/ 49		1.8	1.8	1.8														6	6	8	6
48/ 47		3.5	2.7	2.7														10	10	7	5
46/ 45		2.7	3.5	2.7														10	10	11	8
44/ 43			.9	.9														2	2	7	8
42/ 41		2.7	.9															4	4	8	6
40/ 39																				7	6
38/ 37																					10
36/ 35																					6
34/ 33																					1
32/ 31																					2
TOTAL		35.4	41.6	15.0	3.5	3.5	.9												113		113
																		113		113	

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.	706345	8857	78.4	10.405	113							
Dry Bulb	359180	6308	55.8	7.933	113			8.2	1.6			93
Wet Bulb	315249	5903	52.2	7.839	113			3.3				93
Dew Point	280720	5542	49.0	8.923	113		1.6	1.6				93

USAFETAC FORM 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 81		.1																1	1		
[illegible] / 79			.1															1	1	1	1
7[illegible] / 77		.5																4	4	1	1
[illegible]6/ 75				.2														2	2	4	4
[illegible]4/ 73		.1	.2	.6														8	8		
[illegible]2/ 71		.6	1.1	1.2		.1		.2										27	27	4	1
[illegible] / 69	.4	1.3	1.6	.4			.2	.1										33	33	13	8
6 / 67	.4	.6	3.7	1.2	.1	.1												50	50	31	21
[illegible]6/ 65		1.5	2.4	.5	1.[illegible]	.1												45	45	28	18
[illegible]4/ 63	.1	1.6	2.9	1.0	.2	.2	.2											52	52	48	37
[illegible]2/ 61		3.2	3.2	1.1	.4													64	64	46	35
[illegible] / 59		3.9	2.6	1.2	1.[illegible]	.2	.2											75	75	69	49
[illegible] / 57		2.9	1.6	1.2	.9		.1											55	55	71	70
5[illegible] / 55	.2	3.5	3.9	1.8	1.6	.7												97	97	62	53
[illegible]4/ 53		2.2	3.4	1.3	.5													61	61	66	52
[illegible]2/ 51	.2	2.0	3.2	1.3	.4	.2												60	60	57	63
5 / 49		1.7	3.1	1.2	.2	.1												52	52	72	51
[illegible]/ 47	.1	2.0	1.8	1.2														42	42	67	58
[illegible]/ 45	.1	2.0	1.5	.9	.1													37	37	60	52
[illegible]4/ 43		.7	2.1	.4														26	26	41	54
[illegible]2/ 41		.6	.7	.1														12	12	32	50
4 / 39		1.1	.2															11	11	27	43
3[illegible]/ 37		.2																2	2	16	36
3[illegible]/ 35		.1																1	1	1	32
34/ 33																				1	14
[illegible]2/ 31																					11
3[illegible] / 29																					3
2[illegible]/ 27																					1
TOTAL	1.6	32.5	39.4	17.0	6.4	2.0	.9	.4										818		818	818

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.	5173975	64349	78.7	11.676	818							
Dry Bulb	2734726	46814	57.2	8.247	818			14.3	1.8	.1		93
Wet Bulb	2409418	43874	53.6	8.294	818			6.1	.7	.1		93
Dew Point	2156119	41269	50.4	9.596	818		1.7	4.1	.7			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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
8/ 87								.1	.2									3	3		
6/ 85			.2			.1	.1	.1										5	5		
4/ 83		.1					.8	.4	.4									14	14	1	
/ 81					.1	.5	.5	.4	.1	.1								14	14	2	2
/ 79				.2	.8	2.0	.7	.5	.2	.2	.1							41	41		1
7 / 77		.1	.2	.1	.8	1.4	1.3	.6	.2	.2								43	43	1	1
6/ 75		.1	.2	.5	1.1	1.9	.7	1.2	.5	.1	.1							54	54	1	
4/ 73		.1	.7	.5	1.6	2.0	.7	1.2	.7	.4								66	66	16	1
/ 71	.1	.2	.8	.8	2.3	1.4	1.4	1.0	.6	.1								74	74	22	8
/ 69		.5	1.2	1.3	1.7	2.0	1.1	1.2	.5	.1								80	80	54	14
6 / 67		.5	.8	1.8	.8	1.8	.8	1.3	.7	.1								73	73	45	26
6/ 65		.7	1.3	1.2	1.6	.8	2.5	1.0	.5									80	80	73	29
4/ 63		1.0	1.1	1.2	1.1	1.3	1.9	.7	.4									72	72	79	52
/ 61	.1	.6	.4	.8	1.7	1.0	1.3	1.2										59	59	85	55
/ 59		.2	.6	.8	1.6	1.7	.7	.4										50	50	68	75
/ 57		.6	.8	.6	1.4	.5	.8											40	40	64	59
5/ 55		.2	.4	.4	.5	1.3	.5											27	27	56	47
4/ 53		.2	1.0	.4	.4	.5	.1											21	21	76	50
2/ 51		.2	.1	.4	.2	.1												9	9	70	49
5 / 49			.2	.2	.2													6	6	53	49
/ 47			.	.1														2	2	29	42
4 / 45				.1														1	1	26	53
4/ 43																				8	45
2/ 41																				4	56
/ 39																				1	27
3 / 37																					25
/ 35																					26
3 / 33																					19
2/ 31																					13
/ 29																					8
2 / 27																					2
TOTAL	.2	5.5	10.3	11.5	17.9	20.5	16.2	11.2	5.0	1.4	.2								834		834
																		834		834	

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.	3070822	48870	58.6	15.771	834							
Dry Bulb	3887938	56568	67.8	7.831	834			52.1	26.8	6.0		93
Wet Bulb	2953409	49231	59.0	7.536	834			15.8	2.3	.3		93
Dew Point	2337274	43312	51.9	10.276	834		2.6	5.9	.6	.3		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | OCT 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
/91							.1			.4	.4							7	7		
/89							.1		.1	.1	.1	.1						5	5		
8/87						.1		.4	.6	.2	.2	.1						14	14		
6/85							.2	1.3	1.2	.2	.8	.1						33	33		
4/83							1.1	1.2	1.7	.5	.7	.2		.2				47	47		
2/81				.2	.4	.6	1.3	2.9	1.8	1.0	1.0	.1	.2					79	79		
/79		.1		.2		.5	1.2	3.1	1.8	1.4	.8	.4	.1					81	81	2	
7-/77			.4	.1		1.3	1.4	2.3	2.2	1.4	.8	.4						86	86	2	
6/75		.1		.4	.4	1.6	1.6	1.9	1.9	1.6	1.6							91	91	6	3
4/73			.6	.2	.2	.8	1.1	1.1	1.0	1.9	.4	.1						62	62	22	5
/71		.1	.6	.4	1.1	1.1	1.0	1.4	1.3	1.7	.2							74	74	36	5
/69		.4	.4	.2	.5	.2	.7	.8	2.5	1.7	.1							63	63	54	12
6/67		.2	1.3	.2	.4	.1	.2	2.0	1.8	1.3								64	64	86	18
6/65		.2	.1	.2		.1	.7	1.4	2.0	.1								42	42	79	24
4/63		.1	.4	.6	.1	.4	.6	.5	.6									27	27	95	41
2/61		.4	.1		.1	.2	.1	.2	.2									12	12	77	59
/59		.2	.4	.4		.2	.2	.5										16	16	72	70
6/57		.1	1.0	.1	.1	.1		.1										13	13	64	63
5/55			.6		.1	.4	.1											10	10	59	54
4/53		.2	.2		.1													5	5	71	55
2/51				.1														1	1	55	34
5 /49																				32	64
46/47																				12	35
46/45																				8	33
44/43																					29
42/41																					45
4 / 39																					52
36/37																					43
34/35																					27
32/33																					23
3 /31																					26
28/29																					9
24/27																					2
24/23																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | OCT 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
TOTAL		2.3	6.0	3.5	3.5	7.8	11.9	21.3	20.8	13.6	7.2	1.6	.4	.2				832	832	832	832

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1987395	38325	46.1	16.345	832							
Dry Bulb	4637832	61800	74.3	7.552	832			78.9	56.4	25.2		93
Wet Bulb	3147345	50849	61.1	6.906	832			23.3	3.6			93
Dew Point	2244781	42297	50.8	10.664	832		4.2	4.8	.9			93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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											.2	.4						5	5		
90/ 89										.5	.1	.2	.1					8	8		
88/ 87									.7	.1		.1						8	8		
86/ 85				.1				.7	1.0	.4	.5	.2						24	24		
84/ 83				.2		.2	.7	1.3	1.0	1.1	.6	.4		.1				47	47		
82/ 81				.1	.1	.1	.7	2.5	1.1	.7	.4	.1		.1				50	50		
80/ 79				.4	.2	.2	1.2	2.4	2.5	.8	1.3	.6						81	81	2	
78/ 77			.4	.1	.5	.5	1.6	2.5	2.8	1.3	.2	.8						89	89	1	2
76/ 75		.1	.5	.2	.2	2.0	1.8	2.2	1.1	1.2	1.1							87	87	2	1
74/ 73			.1	.5	.5	.6	1.2	1.3	1.2	1.6	.6	.2						65	65	19	3
72/ 71		.2	1.0	1.0	1.0	1.7	1.3	1.7	1.4	1.8	.5							96	96	28	8
70/ 69		.2	.5	.5	1.4	.8	.8	1.2	2.2	1.1								73	73	49	7
68/ 67	.1	.1	1.0	.5	.5	.1	.1	1.7	1.7	2.2								66	66	72	14
66/ 65						.2		1.2	.6									17	17	97	31
64/ 63				.5		.6	.5	1.9	.6									34	34	93	34
62/ 61			1.1	.1	.4	.2	.8	.7										28	28	93	49
60/ 59		.4	.4	.6		.2	.2	.8										22	22	50	58
58/ 57		.1	.1	.4	.4	.1	.5											13	13	77	53
56/ 55		.7		.6	.2	.4												16	16	56	85
54/ 53		.4			.2													5	5	76	57
52/ 51																				46	63
50/ 49																				46	35
48/ 47																				16	34
46/ 45																				11	37
44/ 43																					36
42/ 41																					35
41/ 39																					47
38/ 37																					47
36/ 35																					26
34/ 33																					35
32/ 31																					27
30/ 29																					9
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												

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

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 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
TOTAL	.1	2.3	4.9	5.8	5.6	8.2	11.5	22.2	17.7	12.7	5.5	3.1	.1	.2					834	834	834	834

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.	2057215	39027	46.8	16.651	834							
Dry Bulb	4540851	61209	73.4	7.638	834			77.9	51.7	20.4		93
Wet Bulb	3097532	50506	60.6	6.838	834			19.3	2.7			93
Dew Point	2211958	42046	50.4	10.521	834		4.1	3.9	.7			93

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

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AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 89									.1									1	1		
6/ 85									.1									1	1		
4/ 83					.1		.4											4	4		
-/ 81						.2	.5	.1	.2									9	9		
/ 79			.1	.1	.2	.6	.6		.1									15	15		
7 / 77			.1	.2	.2	.5	.2											11	11		
6/ 75		.2	.2	.5	1.0	1.6	1.0											37	37	3	
4/ 73		.7	.2	.7	1.6	1.4	.5	.2		.2								47	47	9	3
2/ 71		.2	.8	1.0	2.5	2.0	.6		.1	.2								63	63	13	12
/ 69		.5	1.4	2.2	2.2	2.4	.8	.5	.5									87	87	27	5
6 / 67	.1	.1	2.5	2.5	2.5	.7	.5	.2	.1									78	78	33	16
6/ 65		1.3	1.6	2.9	2.4	1.1	.8	.2										86	86	70	21
4/ 63		.8	1.6	2.0	1.2	1.9	1.0	.2										73	73	81	38
2/ 61		.5	1.8	1.4	1.6	1.3	.6	.4										63	63	90	67
/ 59		.8	1.3	1.1	1.8	1.6	1.2											65	65	80	72
5/ 57		1.0	1.1	.8	2.3	2.0	.5											64	64	79	59
5/ 55		.2	1.3	1.4	1.6	1.7	.1											53	53	56	89
4/ 53		.7	1.2	1.9	1.1	.4												44	44	62	61
2/ 51		.2	.4	.5	1.1													18	18	61	51
5 / 49		.2	.1	.5	.4													10	10	67	47
/ 47			.1	.2														3	3	55	39
4/ 45			.2															2	2	31	50
4/ 43																				15	45
2/ 41																				2	32
4 / 39																					39
3/ 37																					35
3/ 35																					41
3/ 33																					11
2/ 31																					1
TOTAL	.1	7.7	16.2	20.0	23.6	19.4	9.2	1.9	1.3	.5									834		834
																		834		834	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3652406	53932	64.7	14.066	834							
Dry Bulb	3541907	53995	64.7	7.443	834			39.4	13.9	2.3		93
Wet Bulb	2823961	48157	57.7	7.207	834			9.5	1.3			93
Dew Point	2329217	43385	52.0	9.317	834		.1	4.0	.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 81						.2												1	1		
/ 79			.3		.2	.2												4	4		
7[illegible] / 77					.3	.2												3	3		
[illegible]6 / 75				.8	.5													8	8	2	1
[illegible]4 / 73		.5	.3	1.0	1.0	.8												22	22		1
[illegible] / 71	.2	1.0	.3	.8	.5	.5												20	20	12	7
/ 69	.2	.3	1.2	2.2	1.0	.5												32	32	16	6
[illegible] / 67		.5	3.0	1.0	.5	.2	.2	.2										33	33	14	13
6 / 65		1.3	2.4	3.0	1.0	.3		.3										50	50	25	10
4 / 63		2.5	3.5	2.9	.8	.7	.2	.2										64	64	41	21
[illegible] / 61		2.7	4.4	2.4	.7	.5												63	63	55	34
/ 59		2.7	3.9	1.5	2.0	1.2	.2											68	68	62	55
[illegible] / 57		.5	2.2	1.7	1.3	.3	.2											37	37	64	46
5[illegible] / 55		2.2	2.5	2.4	.8	1.2												54	54	46	54
[illegible]4 / 53		1.7	1.5	2.4	.7	.3												39	39	43	58
2 / 51		.8	2.2	2.5	1.3													41	41	48	43
5 / 49		1.3	1.3	1.5	.5													28	28	48	29
[illegible] / 47		.7	.7	1.3														16	16	40	30
4[illegible] / 45		.2	.8															6	6	38	45
[illegible]4 / 43		.2	.7															5	5	24	29
[illegible]2 / 41																				13	34
4 / 39																				3	21
3[illegible] / 37																					22
[illegible] / 35																					26
3[illegible] / 33																					7
2 / 31																					2
TOTAL	.3	19.2	31.3	27.4	13.3	7.1	.7	.7										594		594	
																			594		594

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.	3290334	43600	73.4	12.324	594							
Dry Bulb	2207912	35946	60.5	7.418	594			19.3	5.9	.3		93
Wet Bulb	1879072	33116	55.8	7.440	594			6.9	.3			93
Dew Point	1633983	30693	51.7	8.999	594		.3	4.4	.3			93

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

USAFETAC

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AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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
/ 91							.0			.1	.1	.1							12	12		
/ 89							.0		.0	.1	.0	.1	.0						14	14		
8/ 87						.0		.1	.3	.1	.0	.0							25	25		
6/ 85			.0	.0		.0	.1	.4	.4	.1	.2	.1							63	63		
4/ 83		.0		.0	.0	.0	.5	.5	.5	.3	.2	.1		.1					112	112	1	
/ 81		.0		.1	.1	.3	.5	1.0	.6	.3	.2	.0	.0	.0					154	154	2	2
/ 79		.0	.1	.2	.2	.6	.6	1.0	.8	.4	.4	.2	.0						223	223	5	2
7/ 77		.1	.2	.1	.3	.7	.8	.9	.9	.5	.2	.2							236	236	5	4
6/ 75		.1	.2	.4	.5	1.2	.9	.9	.6	.5	.5								280	280	18	9
4/ 73		.2	.4	.6	.8	.9	.6	.7	.5	.7	.2	.1							271	271	66	13
/ 71	.0	.4	.8	.8	1.2	1.2	.7	.7	.6	.7	.1								357	357	115	41
/ 69	.1	.6	1.0	1.0	1.1	1.0	.6	.7	1.0	.5	.0								369	369	214	53
6/ 67	.1	.4	2.0	1.2	.8	.5	.3	.9	.7	.6									368	368	284	109
6/ 65		.8	1.3	1.2	1.0	.5	.7	.7	.5	.0									327	327	374	133
4/ 63	.3	.9	1.5	1.3	.6	.9	.7	.6	.3										329	329	442	228
2/ 61	.3	1.2	1.7	.9	.8	.6	.5	.4	.0										301	301	453	303
/ 59		1.4	1.5	.9	1.0	.8	.5	.3											310	310	411	383
/ 57		.9	1.1	.8	1.0	.5	.3	.0											229	229	429	362
5/ 55	.0	1.1	1.4	1.0	.8	.9	.1												266	266	345	392
4/ 53		.9	1.3	.9	.5	.2	.0												184	184	405	340
2/ 51	.1	.6	1.0	.7	.5	.1													138	138	346	314
5 / 49		.5	.8	.6	.2	.0													102	102	326	281
/ 47	.1	.5	.5	.5															73	73	226	243
4/ 45	.1	.4	.5	.2	.1														56	56	185	280
4/ 43		.1	.5	.1															33	33	95	247
2/ 41		.2	.1	.0															16	16	59	258
4 / 39		.2	.0																11	11	36	235
3 / 37		.0																	2	2	16	218
2/ 35		.0																	1	1	1	184
3/ 33																					1	110
2/ 31																						82
/ 29																						29
2/ 27																						6
2/ 23																						1

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

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

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PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 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
TOTAL	.4	11.7	17.8	13.6	11.5	10.9	8.6	9.8	7.7	4.8	2.2	.8	.1	.1				4862	4862	4862	4862

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	19946314	297118	61.1	19.186	4862							
Dry Bulb	21922132	322828	66.4	10.0_9	4862			380.1	212.7	74.4		744
Wet Bulb	16634522	281796	58.3	7.881	4862			108.6	14.8	.6		744
Dew Point	13200129	248675	51.1	9.950	4862		18.1	35.7	4.6	.5		744

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

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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
76/ 75			.3															2	2		
72/ 71		.3	.1	.4														6	6	2	
7 / 69		.4	.9															9	9	2	4
68/ 67		1.0	1.0	.1														15	15	5	1
6/ 65		2.8	1.3	.4														31	31	10	8
64/ 63	.3	2.5	1.9	.6														36	36	33	30
62/ 61	.1	2.4	1.3	.7														31	31	24	22
/ 59	.4	1.8	1.8	.7														32	32	37	26
5 / 57		2.7	2.4	1.2														42	42	33	35
54/ 55		.7	2.8	1.2		.1												33	33	28	22
4/ 53		1.6	2.2	.7	.4	.1												35	35	28	29
2/ 51	.6	1.6	3.1	.7	.7													46	46	40	25
5 / 49	.3	2.7	2.8	1.5	1.^													56	56	39	37
/ 47	.3	2.8	1.9	1.3	.3													45	45	43	38
42/ 45	.3	3.0	1.6	.9	.4													42	42	53	32
4/ 43	.1	2.4	2.2	1.5	.1													43	43	50	49
2/ 41	.4	1.3	1.5	.3	.4													27	27	44	43
4 / 39	.3	2.5	1.2	.3	.1													30	30	33	25
36/ 37	.3	2.4	1.3	.4														30	30	42	35
34/ 35	.3	1.5	1.2	.9														26	26	29	44
32/ 33	.1	1.2	1.5															19	19	24	42
2/ 31		2.2	.6															19	19	21	31
3 / 29	.1	.4	.1															5	5	26	18
26/ 27	.1	.4																4	4	7	20
/ 25	.1																	1	1	4	25
24/ 23		.3																2	2		3
2/ 21																				2	13
/ 19																					5
16/ 17																					5
TOTAL	4.5	41.5	35.7	14.2	3.7	.3													667		667
																		667		667	

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.	4307300	53028	79.5	11.718	667							
Dry Bulb	1748559	33433	50.1	10.451	667		4.2	4.3	.3			90
Wet Bulb	1554851	31443	47.1	10.441	667		8.1	1.2				90
Dew Point	1375068	29244	43.8	11.810	667		16.2	.7				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72265 STATION | MAXWELL AFB AL STATION NAME | 73-81 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
[illegible]/ 81					.1													1	1		
[illegible]/ 79				.1	.1	.1												3	3		
78/ 77				.4	.2	.1	.6		.1									12	12		
76/ 75			.1	.5	1.0	1.0	.6	.1	.4									30	30		
74/ 73			.5	.7	.6	.5	.4	.2	.1	.1								26	26	5	
[illegible]/ 71			1.5	.5	1.6	.4	.9	.2										41	41	3	
[illegible]/ 69			2.1	1.2	1.1	.6	.6		.2									48	48	16	7
68/ 67		.5	2.1	1.0	1.1	1.0	.1	.2										49	49	33	7
66/ 65		1.1	1.5	.4	1.4	.5	.4	.2	.5		.1							49	49	46	39
64/ 63	.1	1.5	1.5	1.4	.9	.9	.5	.5	.1									59	59	52	29
[illegible]/ 61		.9	1.0	.6	1.0	1.0	.9	.9	.4									53	53	55	29
[illegible]/ 59		.4	.5	1.5	.9	1.1	1.0	.6	.2									50	50	46	57
58/ 57	.2	.7	1.4	1.2	1.6	1.0	.5	.1	.1									56	56	50	44
56/ 55	.1	.5	1.7	1.0	1.1	1.2	1.1	.5										59	59	34	26
54/ 53	.1	1.1	1.2	1.1	1.4	.9	1.1	.1										57	57	43	31
52/ 51	.1	.5	1.4	.7	1.2	1.1	.7	.1										48	48	62	51
50/ 49	.2	.1	1.1	1.1	.6	1.1	.5	.1										40	40	60	38
[illegible]/ 47		.6	.4	1.4	1.2	.6												34	34	60	46
46/ 45		.6	.5	.5	1.5	.5	.1											30	30	48	33
44/ 43		.1	.4	.7	.4	.2												15	15	44	44
42/ 41		.5	.6	1.4	.4													23	23	44	29
40/ 39		.4	.6	.2	.5													14	14	31	33
38/ 37	.1		.1	.1	.2													5	5	37	32
36/ 35				.2														2	2	21	48
34/ 33				.1														1	1	6	28
32/ 31		.1		.1														2	2	6	35
30/ 29		.2	.1															3	3	4	25
28/ 27																				3	27
26/ 25																				1	22
24/ 23																					15
22/ 21																					14
20/ 19																					7
18/ 17																					11
16/ 13																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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
[illegible] 9																					2
TOTAL	1.1	9.9	20.2	18.3	20.1	13.8	10.0	4.1	2.2	.1	.1							810	810	810	810

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.	3447836	50886	62.8	17.616	810							
Dry Bulb	2899755	47785	59.0	9.990	810		.6	23.3	8.0	.2		90
Wet Bulb	2291432	42326	52.3	9.927	810		1.6	6.3	.6			90
Dew Point	1808031	36755	45.4	13.165	810		17.7	1.6				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | NOV MONTH

 1200-1800 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
84/ 83						.1			.1									2	2		
82/ 81					.4	.4		.4	.6	.1	.4	.1						19	19		
80/ 79				.1		1.2	.5	1.2	.2	.4	.4	.1						34	34		
78/ 77					1.1	1.0	1.0	2.0	1.0	.6	.6	.1						60	60		
76/ 75				.4	.6	1.4	2.0	1.1	.6	.2	.4							54	54		
74/ 73				.6	1.0	1.4	1.1	.7	.1	.5	.1							45	45	6	
72/ 71			1.0	.9	.7	.4	1.4	1.2	.2	.7	.4							56	56	3	1
70/ 69			2.1	.6	.9	.7	1.2	1.0	1.1	1.0	.6							75	75	26	3
68/ 67		.4	.4	1.0	.4	.7	.9	1.0	1.7	.9	.1	.1						61	61	48	7
66/ 65		.6	.1	.4	.7	.4	.9	1.5	1.7	.6	.1							57	57	72	35
64/ 63		.5	.2	.4	.7	.6	.9	.6	1.5	.7								50	50	59	34
62/ 61		.6	.2	.6	.6	.4	1.1	.7	.6	.5								44	44	48	31
60/ 59	.1	.2	.4	.2	.4	.7	.7	1.5	1.1	.1								45	45	59	35
58/ 57		.5	1.1	.4	.4	1.0	.6	1.5	.5									48	48	45	52
56/ 55	.2	.5	1.1	1.0	.2	.1	.9	1.4	.1	.1								46	46	44	46
54/ 53	.1		.5			.2	.7	.6	.2									20	20	62	46
52/ 51		.2	.2		.1	.9	.9	.4										22	22	67	44
50/ 49		.5	.2	.6	.2	.5	.4											20	20	53	45
48/ 47		.4		.1	.4	.7	.2											15	15	47	40
46/ 45				.6	.2	.2												9	9	37	29
44/ 43			.5	.4	.4	.6												15	15	29	28
42/ 41	.1	.2	.1	.2	.2													8	8	41	32
40/ 39					.1													1	1	28	31
38/ 37				.1														1	1	17	32
36/ 35																				8	44
34/ 33			.1															1	1	6	17
32/ 31		.1																1	1	2	35
30/ 29																				2	36
28/ 27																					25
26/ 25																					26
24/ 23																					18
22/ 21																					12
20/ 19																					21
18/ 17																					16

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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
1 / 15																					4
/ 13																					1
/ 9																					3
TOTAL	.6	4.8	8.4	8.7	9.9	13.7	15.3	16.8	11.6	6.6	3.1	.5							809		809
																		809		809	

Element (X)	Σx_i^2	Σx_i	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 90 F	≤ 93 F	Total
Rel. Hum.	2322944	40380	49.9	19.506	809							
Dry Bulb	3532069	52858	65.3	9.887	809		.1	45.2	23.8	4.1		90
Wet Bulb	2494211	44279	54.7	9.353	809		.4	9.2	.7			90
Dew Point	1749415	35897	44.4	13.921	809		21.9	1.2				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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						.1				.1								2	2		
82/ 81						.5	.1	.2	.6	.2								14	14		
80/ 79					.1	.4	.5	.5	.6	.2	.9							26	26		
78/ 77					.5	.4	1.1	1.4	.5	.6	.2	.1						39	39		
76/ 75				.9	.4	1.2	1.6	.9	.5	.7								50	50		
74/ 73			.2	1.0	.4	1.1	1.1	.9	.5	.4	.2							47	47	2	
72/ 71			.4	.6	.7	1.0	1.1	1.0	.4	.7	.4							51	51	6	
70/ 69		.2	1.6	.5	1.0	.9	.7	1.4	.5	1.2	.5							69	69	22	1
68/ 67	.2	.2	.9	.4	.4	1.2	1.2	.7	1.4	.7	.4							63	63	31	12
66/ 65		1.2	.1	1.0	.4	.7	1.1	.9	1.7	.6								63	63	54	24
64/ 63		.9	.5	.4	1.0	1.1	1.1	1.4	.9	.6								63	63	64	33
62/ 61	.2	.2	.5	.4	1.0	1.0	1.2	.7	.7	.4								52	52	54	30
60/ 59	.2		.7	.1	.5	1.0	.6	1.6	1.2									49	49	54	29
58/ 57	.2	.7	.9	.9	1.0	.5	.5	1.1	.4									50	50	54	34
56/ 55		.5	.9	.1	.1	.4	1.5	1.2	.5									42	42	54	53
54/ 53	.1	.1	.5	.1	.4	.2	.9	.6	.1									25	25	62	40
52/ 51	.4	.2	.2			.9	1.4											25	25	77	34
50/ 49	.1	.2		.5	.2	.6	.6	.2										21	21	54	52
48/ 47	.1	.4		.1	.6	.6	.2											17	17	38	37
46/ 45		.2	.1	.4	.5		.1											11	11	35	41
44/ 43	.1	.4	.5	.5	.2	.4												17	17	49	41
42/ 41	.1			.1	.4	.2												7	7	30	27
40/ 39			.2		.2													4	4	30	29
38/ 37				.1														1	1	19	34
36/ 35				.1														1	1	9	31
34/ 33				.1														1	1	9	28
32/ 31																				1	31
30/ 29																				1	41
28/ 27																				1	30
26/ 25																					19
24/ 23																					20
22/ 21																					15
20/ 19																					29
18/ 17																					7

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
16/ 15																					4
14/ 13																					1
12/ 11																					1
10/ 9																					1
8/ 7																					1
TOTAL	2.0	5.7	8.3	8.3	10.0	14.4	16.8	14.7	10.5	6.7	2.6	.1					810	810	810	810	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F	Total
Rel. Hum.	2429368	41248	50.9	20.162	810							
Dry Bulb	3421251	52049	64.3	9.736	810			40.1	19.8	3.1		90
Wet Bulb	2433782	43778	54.0	9.149	810		.3	6.8	.2			90
Dew Point	1708808	35529	43.9	13.655	810		22.2	1.9				90

USAFETAC FORM 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75			.4	.5		.6												12	12		
74/ 73				.7	.1	.7												13	13		
72/ 71			1.2	.6	1.2	.2	.1											28	28	3	
70/ 69		.1	1.9	.9	2.2	1.2	.5											55	55	6	3
68/ 67		.1	1.5	1.5	1.1	.5	.1	.1										40	40	24	6
66/ 65	.4	2.6	1.1	.9	1.1	.2	.9	.1										59	59	28	28
64/ 63		1.2	1.2	.7	1.7	.6	.4											48	48	56	21
62/ 61		1.2	1.2	.9	1.2	.6	.2											44	44	53	29
60/ 59	.5	.6	2.0	1.1	.9	.9	.7	.5										58	58	50	42
58/ 57	.2	1.1	1.1	2.1	1.7	.6	.5	.1										61	61	44	50
56/ 55		1.0	1.6	1.6	1.7	1.5	.5											64	64	51	42
54/ 53		.5	2.0	1.9	2.5	.7	.6											66	66	48	41
52/ 51	.6	.9	.9	1.4	1.4	.7	.1											48	48	53	44
50/ 49		.6	1.5	1.0	1.7	1.0	.1											48	48	66	34
48/ 47		.7	.9	1.0	1.4	.4												35	35	50	52
46/ 45	.1	.1	.6	1.0	1.1	.5												28	28	65	43
44/ 43	.5	.1	.9	2.1	1.0	.1												38	38	39	44
42/ 41	.2	.4	.6	1.9	.6	.1												31	31	43	33
40/ 39			.6	.6	.1													11	11	38	49
38/ 37		.1	.5	.5														9	9	35	38
36/ 35		.1	.6	.1														7	7	26	34
34/ 33			.2	.1														3	3	16	26
32/ 31			.1															1	1	8	39
30/ 29			.2															2	2	4	40
28/ 27																				1	29
26/ 25																				2	16
24/ 23																					13
22/ 21																					10
20/ 19																					7
18/ 17																					5
TOTAL	2.6	11.6	22.9	23.0	22.9	11.4	4.8	.9										809	809		809
																	809			809	

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.	3768083	53743	66.4	15.649	809							
Dry Bulb	2687149	45981	56.8	9.553	809		.3	16.5	2.8			90
Wet Bulb	2189069	41355	51.1	9.638	809		1.7	3.7				90
Dew Point	1770849	36539	45.2	12.214	809		17.7	1.0				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) NOV (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
76/ 75				.2														2	2		
74/ 73			.4		.1													4	4		
72/ 71			1.0	.1	.1													10	10	3	
70/ 69		.2	2.1	.6	1.4	.2												37	37	2	3
68/ 67		.5	1.7	1.0	1.0													34	34	19	3
66/ 65	.1	2.5	1.6	2.0	.1	.1	.1											53	53	20	27
64/ 63	.2	1.9	1.2	.9	.4													37	37	46	17
62/ 61		1.6	1.5	1.2	.5	.2												41	41	47	35
60/ 59	.1	2.3	1.1	.7	.4	.4												41	41	50	33
58/ 57	.4	1.2	2.0	1.0	.4	.4	.1	.1										45	45	45	50
56/ 55	.1	1.1	2.2	1.6	1.1	.6		.1										56	56	35	46
54/ 53	.1	1.1	3.1	1.4	1.0	.7												60	60	33	38
52/ 51	.5	1.0	2.6	1.2	1.2	.4												56	56	51	33
50/ 49	.2	1.4	3.5	1.2	1.0	.2	.1											62	62	55	38
48/ 47	.2	2.1	2.2	1.4	.9	.2												57	57	61	38
46/ 45		1.5	2.1	1.2	.4													42	42	56	51
44/ 43	.1	1.2	1.6	1.4	.4													38	38	63	53
42/ 41		.4	1.6	2.1	.6													38	38	48	44
40/ 39	.2	.5	1.5	1.6	.2													33	33	32	32
38/ 37	.1	.9	2.3	.4														30	30	42	44
36/ 35		.2	.9															9	9	37	41
34/ 33		.2	.7	.1														9	9	35	31
32/ 31		.5	.7															10	10	11	35
30/ 29	.1	.1																2	2	12	34
28/ 27		.1	.1															2	2	3	36
26/ 25		.1																1	1	2	21
24/ 23																				1	11
22/ 21																					9
20/ 19																					4
18/ 17																					2
TOTAL	2.7	22.7	37.8	21.4	11.1	3.6	.4	.2										809		809	
																		809		809	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4576751	59891	74.0	13.302	809							
Dry Bulb	2371736	43036	53.2	10.097	809		1.7	9.7	.7			90
Wet Bulb	2035732	39754	49.1	10.088	809		3.2	2.7				90
Dew Point	1739029	36253	44.8	11.902	809		16.9	.7				90

FORM AS-44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | NOV MONTH

PAGE 1 | 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						.0			.0	.0								4	4	
82 / 81					.1	.1	.0	.1	.2	.1	.1	.0						34	34	
80 / 79				.0	.0	.3	.2	.3	.1	.1	.2	.0						63	63	
78 / 77				.1	.3	.3	.5	.6	.3	.2	.1	.0						111	111	
76 / 75			.1	.4	.3	.7	.7	.4	.3	.2	.1							150	150	
74 / 73			.2	.5	.4	.6	.4	.3	.1	.2	.1							135	135	13
72 / 71		.0	.9	.5	.8	.3	.6	.4	.1	.3	.1							192	192	20 / 1
70 / 69		.2	1.8	.7	1.1	.6	.5	.4	.3	.4	.2							293	293	74 / 21
68 / 67	.0	.4	1.3	.8	.7	.6	.4	.4	.5	.3	.1	.0						263	263	160 / 36
66 / 65	.1	1.8	1.0	.8	.6	.3	.6	.5	.7	.2	.0							312	312	238 / 161
64 / 63	.1	1.4	1.1	.7	.8	.6	.5	.4	.4	.2								294	294	310 / 164
62 / 61	.1	1.1	1.0	.7	.7	.6	.6	.4	.3	.1								265	265	281 / 176
60 / 59	.2	.9	1.1	.7	.5	.7	.5	.7	.4	.0								275	275	298 / 222
58 / 57	.2	1.1	1.4	1.1	.9	.6	.4	.5	.2									302	302	271 / 265
56 / 55	.1	.7	1.7	1.1	.7	.7	.7	.6	.1	.0								301	301	246 / 236
54 / 53	.1	.7	1.6	.9	1.0	.5	.6	.2	.1									263	263	276 / 206
52 / 51	.4	.7	1.4	.7	.8	.7	.5	.1										246	246	350 / 231
50 / 49	.1	.9	1.5	1.0	.8	.6	.3	.1										248	248	328 / 244
48 / 47	.1	1.1	.9	.9	.8	.4	.1											204	204	299 / 251
46 / 45	.1	.8	.8	.8	.7	.2	.0											162	162	297 / 230
44 / 43	.1	.7	1.0	1.1	.4	.2												167	167	274 / 260
42 / 41	.1	.4	.7	1.0	.4	.1												134	134	250 / 209
40 / 39	.1	.5	.7	.5	.2													94	94	193 / 191
38 / 37	.1	.5	.7	.3	.0													76	76	192 / 215
36 / 35	.0	.3	.4	.2														46	46	130 / 242
34 / 33	.0	.2	.4	.1														34	34	97 / 172
32 / 31		.4	.2	.0														33	33	50 / 207
30 / 29	.0	.1	.1															12	12	49 / 194
28 / 27	.0	.1	.0															6	6	15 / 168
26 / 25	.0	.0																2	2	9 / 130
24 / 23		.0																2	2	1 / 80
22 / 21																				2 / 73
≤ 20 / 19																				73
18 / 17																				46

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

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
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SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | NOV MONTH

PAGE 2 | 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																					8
14/ 13																					3
12/ 11																					1
10/ 9																					6
8/ 7																					1
TOTAL	2.2	15.3	21.8	15.8	13.2	9.8	8.1	6.3	4.2	2.3	1.0	.1							4723		4723
																		4723		4723	

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.	20895882	299798	63.5	19.878	4723							
Dry Bulb	16684247	275591	58.4	11.303	4723		8.4	189.8	75.8	10.2		720
Wet Bulb	13018616	243346	51.5	10.088	4723		19.2	40.7	2.0			720
Dew Point	10166870	210576	44.6	12.838	4723		150.9	8.8				720

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

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AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) DEC (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
6/ 75				.2														1	1		
4/ 73				.2														1	1		
7 / 71			.2															1	1		
/ 69			.5															3	3	2	
6 / 67			.5	.2														4	4	3	1
6/ 65		.3	.7	.3														8	8	2	4
4/ 63		1.2	.7	.2														12	12	5	4
/ 61		.3			.2													3	3	15	4
/ 59	.2	1.9	1.0			.2												19	19	9	15
/ 57	.2	1.7	.7	.2														16	16	13	11
5 / 55	.7	1.0	1.2	.2	.2													19	19	18	14
4/ 53		1.7	1.4															18	18	16	18
2/ 51		1.2	.9	1.2														19	19	12	13
5 / 49		1.9	1.5	.9	.7	.2												30	30	19	12
/ 47	.3	2.1	1.5	.3	.2													26	26	20	14
4 / 45		2.6	1.5	.2	.5	.2												29	29	30	20
4/ 43	.7	2.2	2.2	1.2	.3													39	39	33	27
2/ 41	.2	2.2	1.4	.9	.5													30	30	34	23
4 / 39		1.7	1.5	1.9	.3													32	32	25	28
3 / 37		3.1	3.3	1.9	.3	.2												51	51	34	20
/ 35	.2	3.6	3.3	1.7	.2													52	52	40	29
3/ 33	.2	4.8	2.9	.5	.2													50	50	58	28
2/ 31	.5	4.0	3.8	.9														53	53	54	43
/ 29	.9	1.5	2.6	.3														31	31	59	51
2 / 27	.3	1.7	.3															14	14	29	30
/ 25	.2	.9	.5															9	9	29	43
2/ 23	.2	.3	.2															4	4	10	27
2/ 21		.9	.2															6	6	4	23
/ 19		.3																2	2	7	38
/ 17																				2	12
1 / 15																					8
1 / 13																					9
1 / 11																					12
/ 9																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) DEC (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				
TOTAL	4.6	43.3	34.5	13.2	3.6	.7												582	582	582	582

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.	3504021	44433	76.3	13.870	582							
Dry Bulb	1086808	24362	41.9	10.742	582		19.0	1.6	.3			93
Wet Bulb	950420	22674	39.0	10.744	582		31.0	.8				93
Dew Point	791712	20154	34.6	12.706	582		47.5	.2				93

USAFETAC FORM AS 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]/ 81							.1											1	1		
[illegible]/ 79						.1												1	1		
78/ 77						.1												1	1		
76/ 75				.3	.1	.3												5	5		
74/ 73					.1	.1	.1	.1										4	4		
72/ 71			.5	.1	.4	.1		.1										10	10		
[illegible]/ 69		.1	.1	.5	.7	.3												13	13	5	
66/ 67		.1	1.0	.5	.4	.4	.1											20	20	7	4
66/ 65		.9	.3	.9		.3	.1											19	19	11	5
64/ 63		.3	.1	.1	.3	.3	.3											10	10	23	12
62/ 61		.5	.9	.3	.3	.1		.1										17	17	14	11
[illegible]/ 59	.7	.9	1.2	.4	.3	.3	.4											31	31	22	18
58/ 57	.1	.9	.5	.5	1.2	.7	.1	.1										32	32	24	18
56/ 55	.1	1.0	.7	.7	1.7	.7	.3	.1										40	40	24	26
54/ 53		1.0	1.0	1.3	.9	1.4	.5											48	48	17	21
52/ 51		.8	1.2	1.3	1.7	1.2	.3											49	49	28	16
50/ 49	.3	1.6	1.3	2.2	.9	1.2	.4	.1										61	61	38	26
48/ 47	.1	2.3	.9	1.7	2.6	.7	.5											68	68	51	16
46/ 45		.9	2.5	2.1	1.6	1.0	.3											64	64	55	27
44/ 43		1.2	1.7	2.9	1.8	1.2												67	67	54	37
42/ 41		.7	1.6	2.2	1.7	.3												49	49	65	40
40/ 39	.1	.9	1.8	1.7	1.6	.3												49	49	67	37
38/ 37	.4	.4	.8	1.8	.9													33	33	67	39
36/ 35		.4	.8	2.5	.4													31	31	56	58
34/ 33		.3	.9	.8	.3													17	17	44	32
32/ 31		.1	.5	.9														12	12	28	61
30/ 29	.1		.5	.7														10	10	36	27
28/ 27			.4	.1														4	4	11	45
26/ 25			.3															2	2	13	33
24/ 23																				5	21
22/ 21																				3	28
[illegible]/ 19																					42
18/ 17																					27
16/ 15																					22

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
14/ 13																					5
1 / 11																					10
/ 9																					1
/ 7																					2
/ 3																					1
TOTAL	2.0	15.4	21.5	26.4	19.7	10.8	3.5	.8											768		768
																		768		768	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3325612	48758	63.5	17.321	768							
Dry Bulb	1921609	37613	49.0	10.181	768		3.4	6.7	1.5	.1		93
Wet Bulb	1535998	33450	43.6	10.155	768		11.6	1.5				93
Dew Point	1147862	27878	36.3	13.311	768		39.4	.5				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 81						.1	.3	.1	.3									6	6		
/ 79					.1	.3												3	3		
7[illegible] / 77						.1	.3	.1		.3								6	6		
[illegible]6 / 75				.4	.1	.7	1.6	.1	.3		.1							25	25		
[illegible]4 / 73				.4	.3	1.0	.5	.3	.3	.1	.1							23	23		
[illegible]2 / 71			.1	.1	.3	.3	.7	.5	.3	.3								19	19	5	
[illegible] / 69	.1	.1	.5	.5	.7	.3	.5	.5	.3	.3	.3							31	31	8	1
6[illegible] / 67	.1				.3	.4	.3	.1	.1	.4								13	13	9	3
[illegible]6 / 65			.3	.4	.3	.3	.9	.4	.8									25	25	18	12
[illegible]4 / 63	.3		.3	.4	.4	.8	.3	.5	.3	.1								25	25	28	10
[illegible]2 / 61	.1	.7	.1	.3	.3	.8	.9	1.7	.5	.1								42	42	18	5
[illegible]0 / 59	.4	.8	.7	.4	.8	1.6	1.6	1.4	.5	.1								63	63	31	19
[illegible]8 / 57		.9	.4		.8	1.3	2.1	.8	.5									52	52	21	27
5[illegible] / 55	.1	.9	.4	.5	.9	1.4	2.0	1.8	.7									67	67	36	25
[illegible]4 / 53	.3	.3	.9	.5	1.6	1.0	1.7	1.4										59	59	28	21
[illegible]2 / 51	.3	.9	1.0	.8	.9	1.3	2.1	.3										58	58	35	23
5[illegible] / 49	.3	1.3	.4	.9	.9	1.2	1.7	.7										56	56	76	25
[illegible] / 47	.5	.4	.5	.4	1.4	1.4	1.3											46	46	61	26
4[illegible] / 45	.3	.3	.4	.3	.4	1.6	1.0											32	32	59	34
[illegible]4 / 43	.1	.4	.9	.5	1.7	1.4	.3											41	41	66	33
[illegible]2 / 41	.1	.1		.5	1.2	.8												21	21	56	24
4 / 39		.3	.3	.3	1.0	.7												19	19	54	35
3[illegible] / 37			.1	.4	.4	.3												9	9	40	39
[illegible]6 / 35			.4	.8	.8	.1												16	16	45	36
34 / 33				.4	.4													6	6	26	37
[illegible]2 / 31				.1														1	1	18	50
[illegible] / 29			.1															1	1	10	26
28 / 27																				13	25
[illegible] / 25																				4	36
24 / 23																					25
[illegible]2 / 21																					42
[illegible] / 19																					46
18 / 17																					21
16 / 15																					26

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | DEC MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 13																					10
1 / 11																					12
/ 9																					8
/ 5																					1
/ 3																					2
TOTAL	3.0	7.3	7.8	9.3	15.8	19.1	19.9	10.8	4.7	1.7	.5								765		765
																		765		765	

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.	2323008	39158	51.2	20.422	765							
Dry Bulb	2451300	42562	55.6	10.441	765		.2	15.3	7.7	1.0		93
Wet Bulb	1758007	35889	46.9	9.863	765		5.5	2.7				93
Dew Point	1155623	27651	36.1	14.297	765		40.1	.5				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 81						.1												1	1		
[illegible] / 79						.8		.1										7	7		
78 / 77					.1													1	1		
76 / 75					.1	.5	.8	.1			.3							14	14		
74 / 73				.3	.1	.3	.9	.3	.1	.3	.1							18	18		
72 / 71				.1	.4	.5	.8	.4	.1	.5								22	22	3	
70 / 69		.1	.5	.7	.5	.4	.3	.3		.1	.1							23	23	6	
68 / 67		.4	.5	.4	.1	.4	.5	.5	.3	.1								25	25	8	3
66 / 65		.4	.5	.3	1.1	.5	.8	.4	.8	.3								38	38	13	12
64 / 63		.5	.4	.7	.1	.5	.4	.4	.8		.1							30	30	25	8
62 / 61		.1	1.1		.1	.8	.8	.9	.7	.4								37	37	29	11
60 / 59		.5	.1	1.1	.9	.9	2.1	2.0	.9									65	65	18	17
58 / 57	.8	.4	.5	.1	.7	.9	1.3	.7	.9									48	48	38	24
56 / 55	.1	.7	.3	.5	1.2	2.1	1.3	1.9	.3									63	63	21	27
54 / 53		.4	1.3	.4	.9	1.2	2.4	1.2										59	59	36	19
52 / 51		1.9	.9	.4	.4	1.2	2.1	.5										56	56	36	17
50 / 49		.5	.7	.5	1.6	1.5	1.7	.4										52	52	55	23
48 / 47	.3	.5	.1	.4	.8	1.7	.9	.1										37	37	72	37
46 / 45	.4	.9	.5	.3	.8	1.2	1.2											40	40	59	25
44 / 43	.3	.3	.9	.3	.8	1.9												33	33	65	35
42 / 41	.1	.1	.4	.8	1.2	.7	.3											27	27	66	24
40 / 39		.8	.1	.3	1.6	.4												24	24	43	28
38 / 37			.3	.8	.5	.4												15	15	43	32
36 / 35			.4	.1	.3	.1												7	7	36	35
34 / 33				.7	.4													8	8	33	31
32 / 31				.4	.1													4	4	26	46
30 / 29																				7	37
28 / 27																				10	36
26 / 25																				5	34
24 / 23																				1	33
22 / 21																					25
20 / 19																					49
18 / 17																					39
16 / 15																					11

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

FORM AS-54 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 13																					15
1 / 11																					6
[illegible] / 9																					3
[illegible] / 7																					5
[illegible] / 5																					5
4 / 3																					1
[illegible] / 1																					1
TOTAL	2.0	8.6	9.7	9.4	15.0	19.1	18.7	10.2	4.9	1.7	.7								754		754
																		754		754	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2333668	38818	51.5	21.099	754							
Dry Bulb	2377123	41635	55.2	10.183	754		.5	13.7	5.1	.7		93
Wet Bulb	1709028	35140	46.6	9.733	754		6.0	2.1				93
Dew Point	1121622	26978	35.8	14.419	754		92.7	.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

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75				.1	.3													3	3		
74/ 73				.7														5	5		
72/ 71			.1		.3	.1												4	4		
7 / 69			.4		.5													7	7	4	
6 / 67			1.0	.7	.7				.1									18	18	8	1
66/ 65		.4	.3	1.1	.7	.3	.3											22	22	2	11
64/ 63		1.2	.5	1.2	1.1	.4	.1											34	34	14	5
62/ 61		1.2	1.1	.4	.1	.3	.1	.1										25	25	21	14
60/ 59		.8	.5	.4	.5	.1												18	18	32	8
58/ 57	.4	.4	.5	1.0	.4	.4	.1	.4										27	27	23	29
56/ 55	.4	.8	1.0	1.0	1.1	.5	.5	.3										41	41	33	31
54/ 53		.3	1.1	1.4	1.4	.7	.5											39	39	13	12
52/ 51		.3	1.9	1.8	2.5	1.5												58	58	20	20
5 / 49		2.7	1.8	1.1	1.6	.5												57	57	29	14
48/ 47		1.1	1.0	1.8	2.7	.3												50	50	65	33
46/ 45	.4	1.4	2.2	3.2	2.1	.7	.1											73	73	43	29
44/ 43	.1	.3	1.2	2.1	2.5	.4												48	48	55	33
42/ 41	.1	.4	1.2	1.5	1.4	.3												36	36	69	32
41/ 39	.3	1.0	1.4	2.5	1.8	.4												53	53	55	38
38/ 37		.4	1.5	2.1	1.8													42	42	49	25
36/ 35		.4	1.1	2.3	.4													31	31	49	51
34/ 33		.4	1.4	.3	.3													17	17	39	35
32/ 31			.3	.5														6	6	46	51
3 / 29		.1	.4	.3	.1													7	7	37	42
28/ 27			.4	.5														7	7	3	38
26/ 25			.1															1	1	9	42
24/ 23																				10	25
22/ 21																				1	18
20/ 19																					33
18/ 17																					27
16/ 15																					10
14/ 13																					7
12/ 11																					7
10/ 9																					5

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 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
≤ 7																					1
≤ 5																					2
TOTAL	1.8	13.7	22.5	27.8	24.3	7.0	1.9	.8	.1									729	729	729	729

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.	3177549	46576	63.9	16.649	729							
Dry Bulb	1826020	35748	49.0	10.017	729		2.7	4.7	1.0			93
Wet Bulb	1465418	31840	43.7	10.134	729		13.5	1.5				93
Dew Point	1105889	26698	36.6	13.279	729		39.3	.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

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75				.3														2	2		
74/ 73			.1	.6														5	5		
72/ 71			.3	.1														3	3		
70/ 69			.3	.3														4	4	8	
68/ 67			.8	.4														9	9	2	6
66/ 65		.7	.6	.3														11	11	3	5
64/ 63		.6	.8	.7	.4	.4												21	21	13	6
62/ 61		1.7	2.1	.4	.4	.1												34	34	13	12
60/ 59		.7	.8		.3	.1												14	14	25	11
58/ 57		.6	.8			.1												11	11	21	16
56/ 55	.7	1.1	1.0	.8	.6	.3	.3											34	34	25	31
54/ 53	.6	.4	1.1	.7	.7	.1												26	26	17	19
52/ 51		.7	1.4	1.1	1.5	.6	.3											40	40	14	13
50/ 49		2.5	3.2	1.8	1.4	.1												65	65	22	11
48/ 47	.3	3.3	2.2	1.8	.3	.3												59	59	47	26
46/ 45	.4	1.3	1.7	.7	.4	.1												33	33	68	33
44/ 43	.3	.8	2.5	2.6	.7	.1												51	51	55	41
42/ 41		.7	2.4	1.7	.3													36	36	36	29
40/ 39	.1	1.8	3.3	1.5	1.1													57	57	46	35
38/ 37	.4	1.4	4.0	1.8	.1													56	56	51	45
36/ 35	.1	1.8	2.1	2.4	.4													49	49	57	46
34/ 33	.1	.7	1.7	2.4	.1													36	36	51	38
32/ 31	.1	1.4	2.2	1.0														34	34	39	46
30/ 29		.6	.4	.3														9	9	48	52
28/ 27	.1	.3	.6															7	7	32	41
26/ 25	.1		.7	.1														7	7	9	32
24/ 23			.4															3	3	5	19
22/ 21		.1																1	1	7	26
20/ 19																				3	18
18/ 17																					26
16/ 15																					15
14/ 13																					5
12/ 11																					9
10/ 9																					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) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PAGE 2 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
87																					3
TOTAL	3.5	23.2	37.7	23.8	8.8	2.5	.6												717		717
																		717		717	

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.	3775758	50942	71.0	14.779	717							
Dry Bulb	1868079	32897	45.9	10.485	717		7.9	3.0	.9			93
Wet Bulb	1350408	30078	41.9	10.497	717		18.5	1.3				93
Dew Point	1078938	26234	36.6	12.867	717		38.1	.8				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | DEC MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
83/ 81						.0	.1	.0	.0									8	8		
81/ 79					.0	.2		.0										11	11		
79/ 77					.0	.0	.0	.0		.0								8	8		
76/ 75				.2	.1	.3	.4	.0	.0		.1							50	50		
74/ 73			.0	.3	.1	.3	.3	.1	.1	.1	.0							56	56		
72/ 71			.2	.1	.2	.2	.3	.2	.1	.1								59	59	8	
70/ 69	.0	.1	.4	.3	.4	.2	.1	.1	.0	.1	.1							81	81	33	1
68/ 67	.0	.1	.6	.4	.3	.2	.2	.1	.1	.1								89	89	37	18
66/ 65		.5	.4	.6	.3	.2	.4	.1	.3	.0								123	123	49	49
64/ 63	.0	.6	.5	.6	.4	.4	.2	.2	.2	.0	.0							132	132	108	45
62/ 61	.0	.8	.9	.2	.2	.4	.3	.5	.2	.1								158	158	110	57
60/ 59	.2	.9	.7	.4	.5	.6	.7	.6	.3	.0								210	210	137	88
58/ 57	.3	.8	.6	.3	.5	.6	.6	.3	.3									186	186	140	125
56/ 55	.3	.9	.7	.6	1.0	.9	.8	.7	.2									264	264	157	154
54/ 53	.1	.6	1.1	.7	.9	.8	.9	.5										249	249	127	110
52/ 51	.0	.9	1.2	1.1	1.2	1.0	.8	.1										280	280	145	102
50/ 49	.1	1.7	1.5	1.3	1.2	.8	.7	.2										321	321	239	111
48/ 47	.3	1.6	1.0	1.1	1.4	.8	.5	.0										286	286	316	152
46/ 45	.3	1.2	1.5	1.1	1.0	.8	.5											272	272	314	168
44/ 43	.2	.8	1.6	1.6	1.3	.9	.0											279	279	328	206
42/ 41	.1	.6	1.1	1.3	1.1	.3	.0											199	199	327	172
40/ 39	.1	1.0	1.4	1.3	1.3	.3												235	235	290	201
38/ 37	.1	.8	1.6	1.4	.7	.1												206	206	284	200
36/ 35	.0	.9	1.3	1.6	.4	.0												186	186	284	256
34/ 33	.0	.9	1.1	.8	.3													134	134	251	201
32/ 31	.1	.8	1.0	.6	.0													111	111	212	297
30/ 29	.1	.3	.6	.3	.0													58	58	197	237
28/ 27	.1	.3	.3	.1														32	32	98	215
26/ 25	.0	.1	.3	.0														19	19	69	220
24/ 23	.0	.0	.1															7	7	31	150
22/ 21		.1	.0															7	7	15	162
20/ 19		.0																2	2	10	226
18/ 17																				2	152
16/ 15																					92

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) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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PSYCHROMETRIC SUMMARY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (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
1[illegible]/ 13																					51
1[illegible]/ 11																					56
[illegible]/ 9																					20
[illegible]/ 7																					11
6/ 5																					8
4/ 3																					4
[illegible]/ 1																					1
TOTAL	2.7	17.6	21.7	18.4	15.[illegible]	3	7.8	4.0	1.7	.6	.2							4318			4318
																	4318		4318		

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	1845692	268910	62.3	19.903	4318							
Dry Bulb	1125558	214934	49.8	11.359	4318		40.7	62.4	22.9	2.6		744
Wet Bulb	876321	189176	43.8	10.492	4318		109.2	13.4				744
Dew Point	640428	155685	36.1	13.537	4318		327.7	3.3				744

USAFETAC FORM 0-26-5 (OL A) 82WD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | ALL MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1 [illegible]/103													.0	.0				7	7		
1 2/101												.0	.0	.0				18	18		
1 0/ 99										.0	.0	.1	.0	.0	.0			63	63		
8/ 97									.0	.1	.1	.1	.0	.0				149	149		
6/ 95								.0	.1	.2	.2	.1	.0	.0	.0			340	340		
4/ 93						.0	.0	.1	.3	.3	.2	.1	.0	.0	.0			591	591		
[illegible]/ 91					.0	.0	.2	.4	.5	.3	.2	.0	.0	.0	.0			936	936		
[illegible]/ 89			.0	.0	.0	.2	.5	.9	.4	.3	.1	.1	.0	.0	.0			1470	1470		
8/ 87			.0	.0	.1	.7	.9	.5	.5	.1	.1	.1	.0	.0				1775	1775		
6/ 85			.0	.1	.4	1.0	.7	.6	.3	.2	.2	.1	.0					2043	2043	1	
4/ 83		.0	.0	.3	.8	.7	.6	.4	.3	.2	.2	.1	.0	.0				2080	2081	7	2
[illegible]/ 81		.0	.2	.8	.9	.7	.5	.4	.3	.2	.2	.0	.0	.0				2411	2411	87	3
[illegible]/ 79		.1	.6	1.0	.9	.7	.4	.4	.3	.3	.2	.0	.0					2749	2749	711	20
7[illegible]/ 77	.0	.3	1.0	1.2	1.0	.4	.4	.3	.4	.2	.2	.1	.0					3085	3085	2195	176
[illegible]6/ 75	.0	.6	1.4	1.2	.7	.6	.5	.4	.3	.2	.2	.0	.0					3372	3372	3680	983
[illegible]4/ 73	.1	.7	1.3	1.1	.5	.5	.4	.3	.3	.2	.1	.0						3042	3042	4395	2420
[illegible]2/ 71	.1	.6	1.4	.7	.6	.4	.4	.3	.2	.2	.1	.0						2818	2818	3925	3547
[illegible]0/ 69	.0	.5	1.3	.6	.6	.5	.4	.3	.3	.2	.1							2686	2686	3411	4066
68/ 67	.0	.4	1.2	.6	.5	.4	.3	.3	.3	.2	.0	.0						2345	2345	2929	3566
66/ 65	.0	.7	.8	.7	.4	.3	.3	.3	.3	.1	.0							2211	2211	2805	3146
64/ 63	.0	.7	.7	.6	.4	.4	.3	.3	.2	.0	.0							2110	2110	2935	2718
[illegible]2/ 61	.0	.7	.7	.5	.4	.3	.3	.3	.2	.0								1946	1946	2786	2523
[illegible]0/ 59	.1	.7	.7	.4	.4	.4	.3	.3	.1	.0								1895	1895	2508	2309
5[illegible]/ 57	.1	.6	.6	.5	.5	.3	.3	.2	.1	.0								1789	1789	2473	2302
56/ 55	.1	.5	.7	.5	.4	.4	.3	.2	.0	.0								1827	1827	2077	2282
[illegible]4/ 53	.1	.5	.6	.4	.4	.3	.3	.1	.0									1498	1498	2010	2043
52/ 51	.1	.4	.6	.4	.4	.3	.3	.1	.0									1474	1474	1988	1919
50/ 49	.0	.5	.6	.5	.4	.4	.2	.0										1487	1487	1990	1863
48/ 47	.0	.5	.5	.5	.4	.3	.1	.0										1329	1329	1868	1753
46/ 45	.1	.5	.5	.4	.3	.3	.1											1206	1206	1767	1795
44/ 43	.0	.3	.5	.5	.3	.2	.0											1068	1068	1569	1631
42/ 41	.0	.3	.4	.4	.3	.2	.0											915	915	1514	1570
40/ 39	.0	.3	.5	.3	.3	.1	.0											899	899	1280	1473
38/ 37	.0	.2	.4	.3	.2	.1												722	722	1181	1475

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) AUG 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION | MAXWELL AFB AL STATION NAME | 73-81 YEARS | ALL MONTH

 ALL HOURS (L. S. T.)

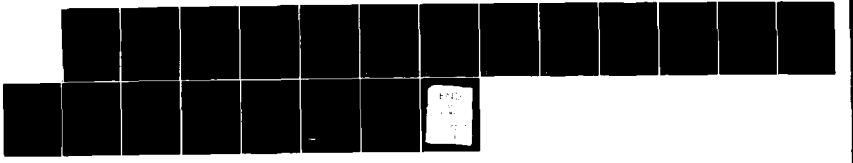
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 35	.0	.2	.3	.4	.2	.0												646	646	1043	1522
3[illegible] / 33	.0	.2	.3	.2	.2													486	486	831	1170
[illegible]2 / 31	.1	.2	.3	.3	.1													487	487	738	1479
[illegible] / 29	.0	.1	.2	.1	.0													243	245	713	1107
[illegible] / 27	.0	.1	.1	.1														139	140	442	960
[illegible] / 25	.1	.0	.1	.0														96	96	347	895
[illegible] / 23	.0	.0	.0	.0														46	46	182	596
[illegible]2 / 21		.0	.0															35	35	91	636
[illegible] / 19		.0	.0															25	25	47	732
[illegible] / 17		.0	.0															6	6	28	467
1[illegible] / 15		.0	.0															4	4	11	371
[illegible] / 13		.0																1	1	4	345
1 / 11		.0																1	1	1	292
[illegible] / 9		.0																2	2	2	172
[illegible] / 7		.0																1	1	1	117
/ 5	.1																	1	1	2	44
[illegible] / 3																					30
[illegible] / 1																					27
/ -1																					8
TOTAL	1.0	11.3	18.6	15.6	13.2	11.2	9.0	7.5	5.5	3.6	2.2	.9	.4	.1	.0			56579		56575	
																		56575		56575	

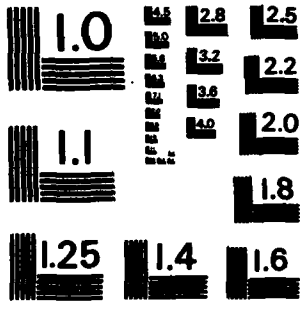
Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	242838159	3549197	62.7	18.864	56575							
Dry Bulb	268125457	3791941	67.0	15.724	56579		173.9	4902.3	3696.2	2038.2	179.2	8760
Wet Bulb	208120890	3340452	59.0	13.871	56575		416.7	3267.6	1695.2	48.1		8760
Dew Point	172260378	2978148	52.6	16.546	56575	1.3	1315.3	2262.5	551.7	1.8		8760

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

AD-A122 716 MAXWELL AFB ALABAMA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIO..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 24 AUG 82

UNCLASSIFIED USAFETAC/DS-82/081 SBI-AD-E950 209 F/G 4/2 NL





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

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS)

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
0-02	MEAN	47.7	62.3	62.1	64.2	72.3	74.0		76.2	72.0	62.7	51.0	39.0	61.5
	S. D.	12.798	6.848	5.273	5.852	3.948			2.530	5.477		13.130		12.683
	TOTAL OBS	15	10	7	19	4	2		10	5	3	6	3	84
03-05	MEAN	50.6	63.7	56.6	58.7	63.1	71.2	74.0	72.9	69.3	55.8	49.0		67.4
	S. D.	8.986	1.633	1.817	7.870	6.479	3.798	2.432	2.480	4.774	7.933			8.315
	TOTAL OBS	13	6	5	27	188	151	157	138	125	113	3		896
06-08	MEAN	40.9	42.7	52.7	59.6	67.3	74.4	76.6	75.1	70.6	57.2	50.1	41.9	60.3
	S. D.	11.794	10.824	9.710	7.427	5.995	4.944	3.852	3.447	5.733	8.247	10.451	10.742	15.069
	TOTAL OBS	691	660	773	761	836	797	852	836	808	818	667	582	9059
9-11	MEAN	45.7	50.2	60.8	69.1	75.6	82.8	84.4	83.3	79.0	67.8	59.0	49.0	67.5
	S. D.	11.318	11.328	9.447	7.666	6.386	5.293	5.127	4.291	6.834	7.831	9.990	10.181	15.827
	TOTAL OBS	812	761	836	806	835	801	830	837	809	836	810	766	9737
12-14	MEAN	51.8	57.0	66.7	74.5	80.0	87.0	88.6	87.8	83.8	74.3	65.3	55.6	72.9
	S. D.	11.481	11.727	9.784	7.933	6.813	5.806	5.914	4.638	7.657	7.552	9.887	10.441	15.243
	TOTAL OBS	811	762	837	810	832	801	828	837	810	832	809	765	9734
15-17	MEAN	52.4	58.2	67.6	75.1	79.8	86.4	87.3	86.6	82.9	73.4	64.3	55.2	72.6
	S. D.	11.221	11.309	9.706	7.673	6.640	6.498	7.141	5.688	7.875	7.638	9.736	10.183	14.844
	TOTAL OBS	811	760	837	809	836	800	820	837	807	834	810	758	9713
18-20	MEAN	47.2	52.2	61.8	68.5	74.3	80.8	81.8	80.6	76.5	64.7	56.8	49.0	66.4
	S. D.	10.621	10.188	8.858	7.199	6.028	5.714	5.989	4.718	6.329	7.443	9.553	10.017	14.529
	TOTAL OBS	812	753	830	791	823	801	818	836	809	836	809	729	9648
21-23	MEAN	43.9	48.1	57.4	63.1	69.7	78.9	77.9	76.9	72.9	60.5	53.2	45.9	60.6
	S. D.	10.934	9.969	8.788	6.715	5.827	4.457	4.872	3.148	5.384	7.416	10.097	10.485	14.398
	TOTAL OBS	751	697	788	668	847	836	868	863	846	894	809	717	7711
ALL HOURS	MEAN	47.2	51.7	61.3	68.5	74.4	81.2	82.0	81.7	77.7	66.4	56.4	49.8	67.0
	S. D.	11.922	12.098	10.679	9.330	8.099	7.427	7.174	6.846	8.364	10.089	11.383	11.359	15.724
	TOTAL OBS	8716	8009	8665	8488	8665	8487	8635	8696	8717	8662	8723	8318	86579

USAF ETAC FORM 0-99-3 (OL 1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

722265 — STATION
MAXWELL AFB AL — STATION NAME
73-81 — YEARS

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN	44.9	60.2	60.0	59.9	68.0	70.0		72.6	68.8	53.3	46.0	36.0	57.8
	S.D.	13.255	8.638	8.099	5.394	2.309			2.119	6.686		11.883		12.671
	TOTAL OBS	15	18	7	19	4	2		10	5	3	6	3	84
03-05	MEAN	48.2	63.2	54.6	55.5	68.0	67.8	71.0	70.5	65.7	52.2	45.0		64.3
	S.D.	9.731	1.472	2.702	6.982	6.732	4.496	2.576	2.670	5.198	7.839			8.571
	TOTAL OBS	13	6	5	27	188	181	157	138	125	113	3		896
06-08	MEAN	38.3	39.6	48.8	54.8	62.6	69.1	72.3	71.5	66.6	53.6	47.1	39.0	56.4
	S.D.	12.131	11.168	9.846	7.437	5.975	4.798	2.846	2.886	5.862	8.299	10.441	10.744	14.608
	TOTAL OBS	691	660	173	761	649	797	832	836	808	818	667	582	9059
09-11	MEAN	41.2	44.8	53.1	59.1	65.9	72.2	75.4	75.0	70.5	59.8	52.3	43.6	59.5
	S.D.	11.713	11.041	9.284	7.101	5.584	4.682	2.898	2.742	5.689	7.536	9.927	10.155	14.341
	TOTAL OBS	811	761	836	806	832	881	830	837	809	834	810	768	9736
12-14	MEAN	44.6	47.3	55.4	60.9	67.8	72.8	76.1	75.8	71.6	61.1	54.7	46.9	61.4
	S.D.	11.262	10.436	8.569	6.610	5.162	4.382	2.733	2.708	5.261	6.986	9.383	9.863	13.263
	TOTAL OBS	809	762	837	810	832	881	828	837	810	832	809	768	9732
15-17	MEAN	44.6	47.8	55.7	61.0	66.8	72.3	75.2	75.1	71.0	60.6	54.8	46.6	61.1
	S.D.	11.869	9.999	8.346	6.230	4.856	4.111	2.940	2.817	5.032	6.838	9.169	9.733	12.987
	TOTAL OBS	811	768	837	809	829	880	828	837	807	834	810	754	9713
18-20	MEAN	42.2	45.6	53.3	58.6	65.3	71.6	73.9	73.6	69.1	57.7	51.1	43.7	59.0
	S.D.	11.065	9.915	8.524	6.511	5.137	4.214	2.885	2.784	5.184	7.287	9.638	10.134	13.458
	TOTAL OBS	812	753	830	791	822	861	818	835	809	834	809	729	9649
21-23	MEAN	40.8	43.8	51.5	56.8	63.8	69.7	72.7	72.4	67.8	55.8	49.1	41.9	56.6
	S.D.	11.269	10.241	9.083	6.666	5.300	4.392	2.666	2.895	5.283	7.448	10.000	10.497	14.031
	TOTAL OBS	751	697	798	668	797	838	848	843	844	894	887	717	7711
ALL HOURS	MEAN	42.0	44.6	53.1	58.6	65.2	71.2	74.2	73.9	69.4	58.0	51.3	43.8	59.0
	S.D.	11.639	10.833	9.283	7.098	5.786	4.648	3.199	3.284	5.780	7.681	10.068	10.492	13.871
	TOTAL OBS	9713	9069	9668	9888	9865	9889	9872	9892	9717	9965	9722	9318	96578

USAF ETAC [illegible] 0-89-6 (OL 1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

722265 MAXWELL AFB AL 73-81
STATION STATION NAME YEARS

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN	40.5	58.2	58.4	56.8	65.8	68.0		71.1	67.0	45.0	40.7	31.3	54.7
	S. D.	16.505	11.887	5.127	6.330	2.862			2.234	7.778		12.832		14.665
	TOTAL OBS	15	10	7	19	4	2		10	5	3	6	3	84
03-05	MEAN	45.5	63.2	53.0	53.0	57.9	65.8	69.5	69.3	63.5	49.0	40.0		62.3
	S. D.	11.808	1.472	3.674	7.501	7.644	5.882	3.373	3.140	6.126	8.923			9.582
	TOTAL OBS	13	6	5	27	158	151	157	138	125	113	3		896
06-08	MEAN	33.8	34.8	44.6	50.6	59.3	66.2	70.3	69.8	64.2	50.4	43.8	34.6	51.1
	S. D.	14.919	13.762	11.802	9.071	7.187	6.834	3.267	3.116	6.844	9.546	11.810	12.706	16.220
	TOTAL OBS	891	660	773	761	839	797	832	836	808	818	667	582	9059
09-11	MEAN	34.4	38.7	45.6	51.2	59.7	66.7	71.4	71.3	65.9	51.9	45.4	36.3	53.2
	S. D.	15.562	14.582	12.493	10.128	7.664	6.660	3.573	3.307	7.046	10.276	13.165	13.311	16.904
	TOTAL OBS	811	761	836	806	833	801	838	837	809	834	810	764	9736
12-14	MEAN	34.6	35.4	44.9	50.2	58.9	65.6	70.6	70.5	65.1	50.8	44.4	36.1	52.5
	S. D.	16.129	14.722	12.691	10.206	7.846	6.836	3.706	3.707	6.908	10.669	13.921	14.297	16.930
	TOTAL OBS	809	762	837	810	832	801	828	837	810	832	809	765	9732
15-17	MEAN	34.4	35.1	44.4	49.9	58.7	65.8	69.8	69.8	64.6	50.4	43.9	35.8	52.0
	S. D.	16.178	14.662	12.855	10.222	7.613	6.819	3.677	3.768	6.778	10.521	13.655	14.419	16.808
	TOTAL OBS	811	760	837	809	834	800	828	837	807	834	810	754	9713
18-20	MEAN	34.8	36.8	44.9	51.0	59.8	65.8	70.1	70.2	65.0	52.0	45.2	36.6	52.9
	S. D.	15.852	13.567	12.038	9.368	7.236	6.298	3.446	3.361	6.471	9.317	12.214	13.274	16.179
	TOTAL OBS	812	762	838	791	823	801	818	835	809	834	809	729	9644
21-23	MEAN	33.9	36.1	45.8	51.5	59.9	66.2	70.2	70.2	64.8	51.7	44.8	36.6	51.0
	S. D.	14.572	13.495	11.747	8.690	6.987	5.746	3.160	3.189	6.328	8.999	11.982	12.867	16.318
	TOTAL OBS	781	697	788	665	807	820	808	841	806	834	809	717	7711
ALL HOURS	MEAN	34.4	35.6	45.8	50.7	59.3	65.9	70.4	70.3	64.9	51.1	44.6	36.1	52.6
	S. D.	15.439	14.201	12.298	9.663	7.467	6.482	3.469	3.450	6.761	9.958	12.838	13.537	16.866
	TOTAL OBS	6717	6000	6440	6468	6695	6695	6837	6903	6717	6845	6723	6310	84575

USAF ETAC FORM 0-09-0 (OL 1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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RELATIVE HUMIDITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (PERIOD) JAN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	100.0	93.3	80.0	60.0	40.0	20.0	76.1	15
	03-05	100.0	100.0	100.0	100.0	100.0	84.6	76.9	76.9	30.8	83.0	13
	06-08	100.0	100.0	99.9	98.8	93.9	82.9	64.0	49.1	19.2	76.5	691
	09-11	100.0	99.9	99.4	91.6	76.2	59.7	43.8	29.3	10.9	66.6	811
	12-14	100.0	99.5	87.8	68.0	51.8	36.8	27.1	16.1	6.2	55.0	809
	15-17	100.0	99.4	86.2	64.0	49.1	36.7	26.3	16.9	5.1	53.9	811
	18-20	100.0	100.0	98.6	89.4	71.6	54.7	38.8	24.5	8.4	64.1	812
	21-23	100.0	100.0	99.9	96.0	83.1	66.4	49.5	30.5	10.5	69.3	751
TOTALS		100.0	99.9	96.5	88.5	77.4	62.7	48.3	35.4	13.9	68.1	4713

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USAFETAC FORM 0-07-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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RELATIVE HUMIDITY

722265 | MAXWELL AFB AL | 73-81 | FEB
STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	100.0	90.0	90.0	90.0	90.0	60.0	87.4	10
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.0	6
	06-08	100.0	100.0	100.0	98.9	95.2	81.5	60.9	39.4	12.4	74.4	660
	09-11	100.0	99.9	97.1	84.2	63.7	43.6	28.4	15.8	3.9	59.6	761
	12-14	100.0	98.8	76.1	54.5	38.1	24.4	16.8	8.9	2.1	47.6	762
	15-17	100.0	96.7	69.7	47.4	34.6	24.9	16.2	7.9	1.4	45.7	760
	18-20	100.0	100.0	96.5	75.6	53.9	36.9	23.9	12.6	3.3	56.1	753
	21-23	100.0	100.0	99.9	93.3	76.8	60.0	37.3	18.4	4.4	64.7	697
TOTALS		100.0	99.4	92.4	81.7	69.0	57.7	46.7	36.6	23.4	66.7	4409

USAFETAC FORM 0-67-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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RELATIVE HUMIDITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (PERIOD) MAR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	14.3	87.3	7
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	80.0	40.0	87.6	5
	06-08	100.0	100.0	100.0	99.2	94.8	82.9	66.0	37.0	7.8	74.8	773
	09-11	100.0	100.0	97.2	82.5	64.0	47.7	30.1	14.0	3.5	59.6	836
	12-14	100.0	98.8	79.0	57.2	39.9	27.7	18.6	8.1	1.2	48.7	837
	15-17	100.0	98.0	73.5	49.6	36.0	26.0	19.0	8.8	1.8	46.9	837
	18-20	100.0	99.9	94.8	77.2	56.9	38.6	26.5	12.4	3.3	56.6	830
	21-23	100.0	100.0	99.7	94.7	81.8	62.7	40.1	19.7	5.9	66.1	740
TOTALS		100.0	99.6	93.0	82.6	71.7	60.7	50.0	35.0	9.7	66.0	4865

USAFETAC FORM 0-07-8 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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RELATIVE HUMIDITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (PERIOD) APR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	100.0	94.7	89.5	78.9	57.9	5.3	77.6	19
	03-05	100.0	100.0	100.0	100.0	100.0	92.6	88.9	63.0	7.4	81.6	27
	06-08	100.0	100.0	100.0	99.5	95.1	82.8	59.1	31.1	5.5	73.1	761
	09-11	100.0	100.0	96.3	77.8	56.7	33.9	18.9	7.3	1.6	54.9	806
	12-14	100.0	99.3	78.4	50.2	31.1	18.3	10.5	5.2	1.7	45.2	813
	15-17	100.0	98.4	71.7	48.3	27.8	16.9	10.8	6.6	.9	44.1	809
	18-20	100.0	100.0	97.2	81.0	57.5	35.1	18.2	10.6	1.8	55.8	791
	21-23	100.0	100.0	99.5	97.6	89.2	69.2	38.6	15.8	3.6	67.0	665
TOTALS		100.0	99.7	92.9	81.8	69.0	54.8	40.5	24.7	3.5	62.4	4686

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

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RELATIVE HUMIDITY

722265 MAXWELL AFB AL 73-81 MAY
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	75.0		80.0	4
	03-05	100.0	100.0	100.0	100.0	100.0	98.1	93.7	67.1	14.6	83.1	158
	06-08	100.0	100.0	100.0	100.0	97.2	88.4	72.7	41.6	6.2	76.3	634
	09-11	100.0	100.0	99.2	89.0	70.2	45.9	24.4	8.0	.6	59.4	833
	12-14	100.0	100.0	92.3	71.3	44.4	22.7	12.6	4.7	.8	50.5	832
	15-17	100.0	100.0	91.0	70.9	43.3	24.2	14.0	6.4	.1	50.7	834
	18-20	100.0	100.0	98.9	92.0	75.8	51.8	28.7	12.3	.7	61.7	823
	21-23	100.0	100.0	100.0	99.5	94.9	82.6	60.1	25.6	2.2	71.8	547
TOTALS		100.0	100.0	97.7	90.3	78.2	64.2	50.8	30.1	3.2	66.7	4865

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USAFETAC FORM 0-07-8 (OL A)

GLOBAL CLIMATOLOGY BRANCH
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RELATIVE HUMIDITY

722265 — STATION
MAXWELL AFB AL — STATION NAME
73-81 — PERIOD
JUN — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	5[illegible].0		81.5	2[illegible]
	03-05	100.0	100.0	100.0	100.0	99.3	96.0	85.4	66.2	28.5	83.4	151
	06-08	100.0	100.0	100.0	99.7	97.4	88.3	72.5	41.2	8.5	76.1	797
	09-11	100.0	100.0	98.8	91.4	75.0	47.7	20.8	6.0	.5	59.5	801
	12-14	100.0	100.0	94.1	75.7	46.7	21.3	8.5	4.1	.9	56.6	801
	15-17	100.0	99.9	91.6	71.5	44.5	26.1	15.8	6.8	1.1	51.3	800
	18-20	100.0	100.0	99.0	90.5	75.7	51.2	33.2	15.4	2.1	62.2	801
	21-23	100.0	100.0	100.0	99.4	95.3	80.8	59.7	31.3	5.0	72.8	536
TOTALS		100.0	100.0	97.9	91.0	79.2	63.9	49.5	27.9	5.8	67.2	4689

USAFETAC FORM 0-8-6 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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RELATIVE HUMIDITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (PERIOD) JUL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	99.4	93.6	78.3	26.1	86.1	157
	06-08	100.0	100.0	100.0	100.0	99.5	96.5	88.2	58.3	12.3	81.1	832
	09-11	100.0	100.0	99.9	98.8	89.9	68.4	36.5	12.0	1.0	65.9	830
	12-14	100.0	100.0	99.6	90.0	63.0	35.7	13.6	4.5	1.2	56.6	828
	15-17	100.0	100.0	99.4	87.0	61.1	41.3	24.6	11.6	1.1	58.1	820
	18-20	100.0	100.0	99.9	97.2	86.4	71.3	50.0	25.8	4.5	69.2	818
	21-23	100.0	100.0	100.0	100.0	98.7	91.2	78.8	44.7	8.8	77.7	548
TOTALS		100.0	100.0	99.8	96.1	85.5	72.0	55.0	33.6	7.9	70.7	4833

GLOBAL CLIMATOLOGY BRANCH
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RELATIVE HUMIDITY

722265 — STATION
MAXWELL AFB AL — STATION NAME
73-81 — PERIOD
AUG — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	70.0		84.0	10
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.3	92.0	36.2	88.3	138
	06-08	100.0	100.0	100.0	100.0	100.0	99.8	96.2	71.1	12.7	83.6	836
	09-11	100.0	100.0	100.0	99.8	96.2	76.7	38.1	9.8	1.2	67.7	837
	12-14	100.0	100.0	100.0	96.4	73.6	33.7	10.5	3.3	.2	57.3	837
	15-17	100.0	100.0	100.0	96.2	68.7	37.3	20.0	9.4	1.7	58.7	837
	18-20	100.0	100.0	100.0	99.8	95.0	80.6	54.9	25.9	4.0	71.6	835
	21-23	100.0	100.0	100.0	100.0	99.8	98.4	86.0	53.5	8.2	80.0	563
TOTALS		100.0	100.0	100.0	99.0	91.7	78.3	63.1	41.9	8.0	73.9	4893

USAFETAC FORM 0-8-8 (OL A)

GLOBAL CLIMATOLOGY BRANCH
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RELATIVE HUMIDITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (PERIOD) SEP (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	6[illegible].0		84.[illegible]	5[illegible]
	03-05	100.0	100.0	100.0	100.0	99.2	97.6	92.8	64.0	6.4	81.7	125
	06-08	100.0	100.0	100.0	100.0	98.9	96.7	86.4	54.2	11.1	80.3	808
	09-11	100.0	100.0	99.8	96.2	86.9	63.0	37.2	12.9	1.2	65.3	8[illegible]9
	12-14	100.0	99.8	97.0	83.2	61.4	34.9	15.3	6.0	.5	55.2	810
	15-17	100.0	99.8	95.8	81.7	59.7	37.1	22.1	[illegible].3	1.5	56.2	8[illegible]7
	18-20	100.0	100.0	[illegible]9.9	97.0	89.0	71.1	48.9	24.1	4.1	69.0	809
	21-23	100.0	100.0	100.0	100.0	98.0	91.5	72.1	39.2	6.1	76.2	544
TOTALS		100.0	100.0	99.1	94.8	86.6	74.0	59.4	33.7	3.9	71.[illegible]	471[illegible]

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USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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RELATIVE HUMIDITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (PERIOD) OCT (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	100.0					52.7	3
	03-05	100.0	100.0	100.0	100.0	97.3	93.8	77.9	51.3	6.2	76.4	113
	06-08	100.0	100.0	100.0	99.9	97.8	91.3	78.6	50.2	11.5	78.7	619
	09-11	100.0	100.0	98.6	86.8	65.6	41.2	22.2	12.1	1.8	56.6	834
	12-14	100.0	99.5	84.0	56.4	29.1	16.0	10.9	6.0	.6	46.1	832
	15-17	100.0	99.4	84.9	59.5	32.6	18.5	10.8	6.5	.7	46.8	834
	18-20	100.0	100.0	99.5	96.3	83.8	59.0	33.8	15.6	2.5	64.7	834
	21-23	100.0	100.0	100.0	99.3	95.8	84.2	60.9	30.8	5.1	73.4	594
TOTALS		100.0	99.9	95.9	87.3	75.3	50.5	36.9	21.6	3.6	62.4	4862

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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RELATIVE HUMIDITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (PERIOD) NOV (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	100.0	100.0	83.3	50.0			68.0	6
	03-05	100.0	100.0	100.0	100.0	100.0	66.7	66.7	33.3		71.3	3
	06-08	100.0	100.0	100.0	100.0	97.3	91.8	81.1	51.1	15.0	79.5	667
	09-11	100.0	99.8	97.3	87.4	73.1	54.6	35.2	19.1	4.1	62.8	813
	12-14	100.0	98.8	81.1	61.4	42.9	29.4	16.7	9.3	2.2	49.9	809
	15-17	100.0	98.8	82.6	63.0	43.0	30.7	18.6	11.2	3.3	50.9	813
	18-20	100.0	100.0	99.9	95.7	84.2	61.1	38.9	20.8	5.6	66.4	809
	21-23	100.0	100.0	99.9	99.3	93.9	84.4	61.8	34.1	8.8	74.0	809
TOTALS		100.0	99.7	95.1	88.4	79.3	62.8	46.1	22.4	4.9	65.4	4723

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USAF [illegible] 0-07-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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RELATIVE HUMIDITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (PERIOD) DEC (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	100.0	100.0	100.0	33.3	33.3	33.3	75.0	3
	03-05											
	06-08	100.0	100.0	100.0	99.1	94.7	85.7	68.7	44.8	14.6	76.3	582
	09-11	100.0	100.0	99.2	91.0	78.3	52.2	34.5	20.2	7.3	63.5	768
	12-14	100.0	99.1	86.5	62.6	42.9	26.7	19.0	12.8	5.8	51.2	765
	15-17	100.0	99.2	82.4	62.3	44.2	29.2	20.8	13.7	6.2	51.5	754
	18-20	100.0	100.0	99.3	93.4	76.3	53.6	34.2	16.7	7.4	63.9	729
	21-23	100.0	100.0	100.0	98.5	90.9	73.5	51.9	28.6	8.9	71.0	717
TOTALS		100.0	99.8	95.3	86.7	74.8	60.1	37.5	24.6	11.9	64.6	4316

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RELATIVE HUMIDITY

722265 MAXWELL AFB AL 73-81 ALL
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.9	96.5	88.5	77.4	62.7	48.3	35.4	13.9	68.1	4713
FEB		100.0	99.4	92.4	81.7	69.0	57.7	46.7	36.6	23.4	66.7	4409
MAR		100.0	99.6	93.0	82.6	71.7	60.7	50.0	35.0	9.7	66.0	4865
APR		100.0	99.7	92.9	81.8	69.0	54.8	40.5	24.7	3.5	62.4	4698
MAY		100.0	100.0	97.7	90.3	78.2	64.2	50.8	30.1	3.2	66.7	4865
JUN		100.0	100.0	97.9	91.0	79.2	63.9	49.5	27.9	5.8	67.2	4689
JUL		100.0	100.0	99.8	96.1	85.5	72.0	55.0	33.6	7.9	70.7	4833
AUG		100.0	100.0	100.0	99.0	91.7	78.3	63.1	41.9	8.0	73.9	4893
SEP		100.0	100.0	99.1	94.8	86.6	74.0	59.4	33.7	3.9	71.0	4717
OCT		100.0	99.9	95.9	87.3	75.3	50.5	36.9	21.6	3.6	62.4	4862
NOV		100.0	99.7	95.1	88.4	79.3	62.8	46.1	22.4	4.9	65.4	4723
DEC		100.0	99.8	95.3	86.7	74.8	60.1	37.5	24.6	11.9	64.6	4318
TOTALS		100.0	99.8	96.3	89.0	78.1	63.5	48.7	30.6	8.3	67.1	56575

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U S AIR FORCE
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PART F PRESSURE SUMMARY

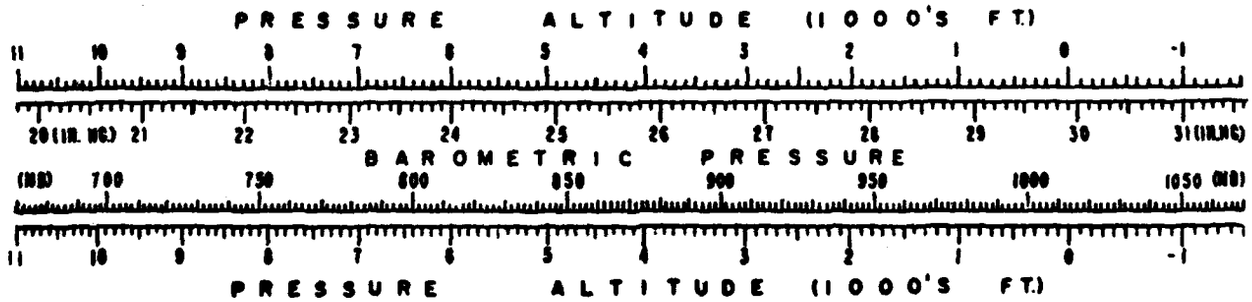
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided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

NOTE: 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

USE WITH CAUTION
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MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

722265 MAXWELL AFB AL 73-81
STATION STATION NAME YEARS

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
0	MEAN	29.702	29.774	29.716	29.838	29.743	29.748		29.878	29.635	29.840	29.913	30.070	29.797
	S.D.	.469	.129	.206	.151				.107					.217
	TOTAL OBS	5	5	5	4	3	2		4	2	1	3	2	40
3	MEAN	29.563	29.688		29.820				29.710	29.370	29.920			29.663
	S.D.	.316												.245
	TOTAL OBS	4	2		1				1	1	2			11
6	MEAN	29.941	29.946	29.880	29.866	29.792	29.838	29.845	29.866	29.834	29.913	29.939	29.998	29.870
	S.D.	.280	.283	.182	.159	.116	.084	.076	.071	.098	.128	.127	.189	.192
	TOTAL OBS	180	152	215	222	278	268	278	279	269	262	126	90	2588
9	MEAN	30.002	29.988	29.889	29.908	29.818	29.833	29.866	29.886	29.857	29.943	29.977	30.002	29.913
	S.D.	.204	.169	.179	.167	.116	.085	.077	.073	.105	.132	.145	.191	.157
	TOTAL OBS	271	251	279	266	278	267	279	279	270	278	270	255	3247
12	MEAN	29.957	29.949	29.887	29.869	29.788	29.828	29.841	29.858	29.826	29.898	29.927	29.956	29.878
	S.D.	.205	.183	.178	.163	.183	.086	.076	.071	.101	.126	.143	.187	.152
	TOTAL OBS	270	259	279	270	277	267	279	279	270	277	270	255	3247
15	MEAN	29.913	29.887	29.799	29.813	29.739	29.782	29.793	29.806	29.776	29.850	29.883	29.914	29.829
	S.D.	.204	.177	.169	.157	.118	.083	.074	.069	.093	.123	.136	.179	.148
	TOTAL OBS	270	254	279	270	278	267	274	279	270	278	270	254	3298
18	MEAN	29.932	29.897	29.828	29.818	29.739	29.779	29.792	29.808	29.788	29.864	29.902	29.932	29.838
	S.D.	.201	.179	.167	.151	.109	.082	.077	.066	.091	.120	.137	.178	.156
	TOTAL OBS	271	251	279	270	278	267	279	279	270	278	269	249	3291
21	MEAN	29.951	29.921	29.837	29.843	29.767	29.810	29.837	29.846	29.822	29.894	29.926	29.951	29.865
	S.D.	.203	.177	.168	.153	.107	.083	.076	.068	.091	.120	.140	.182	.148
	TOTAL OBS	269	251	269	268	278	267	279	279	270	278	270	248	3276
ALL HOURS	MEAN	29.944	29.920	29.838	29.858	29.772	29.812	29.832	29.846	29.816	29.894	29.925	29.954	29.865
	S.D.	.287	.188	.176	.163	.132	.086	.080	.076	.101	.129	.142	.186	.153
	TOTAL OBS	1510	1422	1466	1464	1667	1603	1668	1674	1620	1668	1620	1500	18794

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GLOBAL CLIMATOLOGY BRANCH
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MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-81 (YEARS)

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
0	MEAN	1012.2	1014.7	1012.7	1016.6	1013.6	1013.7		1018.1	1009.9	1016.8	1019.3	1024.8	1015.4
	S. D.	16.323	4.259	7.028	8.126				3.824					7.472
	TOTAL OBS	5	8	5	8	3	2		5	2	1	3	2	40
03	MEAN	1007.3	1010.4		1016.1				1012.4	1000.9	1019.7			1010.8
	S. D.	10.917												8.400
	TOTAL OBS	4	2		1				1	1	2			11
06	MEAN	1020.6	1020.7	1017.3	1017.9	1015.2	1016.8	1017.8	1017.7	1016.6	1019.4	1020.1	1022.3	1017.9
	S. D.	6.675	6.973	6.159	5.401	3.989	2.868	2.596	2.444	3.339	4.396	4.233	6.499	4.841
	TOTAL OBS	196	199	219	221	278	282	278	279	269	268	123	89	2571
09	MEAN	1022.6	1021.8	1018.6	1018.9	1015.9	1017.2	1017.7	1018.4	1017.4	1020.4	1021.6	1022.5	1019.4
	S. D.	6.966	6.429	6.064	5.654	3.947	2.678	2.628	2.489	3.573	4.492	4.980	6.501	5.382
	TOTAL OBS	271	253	279	268	278	267	279	278	270	278	278	256	3247
12	MEAN	1021.0	1020.6	1017.5	1017.9	1015.4	1016.9	1016.8	1017.4	1016.3	1018.9	1019.9	1020.9	1018.2
	S. D.	6.979	6.247	5.928	5.525	3.863	2.918	2.591	2.444	3.478	4.383	4.856	6.332	5.197
	TOTAL OBS	270	254	279	270	277	267	279	279	270	277	278	255	3247
15	MEAN	1019.2	1016.6	1015.2	1016.0	1013.4	1014.6	1015.2	1015.6	1014.6	1017.2	1018.4	1019.5	1016.5
	S. D.	6.946	6.023	5.798	5.319	3.726	2.804	2.521	2.374	3.160	4.194	4.625	6.098	5.062
	TOTAL OBS	270	250	279	270	278	267	278	279	270	278	270	254	3245
18	MEAN	1020.2	1018.9	1015.7	1016.9	1013.2	1014.7	1015.2	1015.7	1014.9	1017.7	1019.0	1020.1	1016.7
	S. D.	6.844	5.944	5.664	5.462	3.678	2.774	2.444	2.287	3.180	4.118	4.669	6.048	5.120
	TOTAL OBS	271	251	279	268	278	267	279	279	270	278	269	244	3228
21	MEAN	1020.9	1019.7	1016.9	1016.9	1014.3	1015.8	1016.4	1017.1	1016.2	1018.7	1019.8	1020.8	1017.8
	S. D.	6.864	6.044	5.664	5.816	3.676	2.708	2.388	2.330	3.064	4.105	4.769	6.175	5.044
	TOTAL OBS	269	250	268	262	271	267	273	278	270	278	278	240	3184
ALL HOURS	MEAN	1020.7	1020.0	1016.9	1017.2	1014.4	1015.9	1016.4	1017.0	1016.0	1018.7	1019.8	1020.9	1017.7
	S. D.	7.052	6.328	5.927	5.802	3.907	2.796	2.736	2.608	3.454	4.308	4.841	6.322	5.222
	TOTAL OBS	1349	1419	1492	1489	1662	1610	1664	1672	1622	1682	1475	1340	18777

DATA PROCESSING FORM

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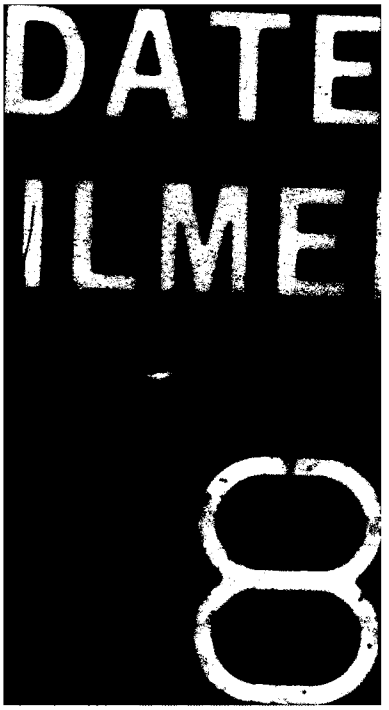
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