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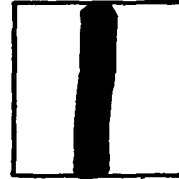
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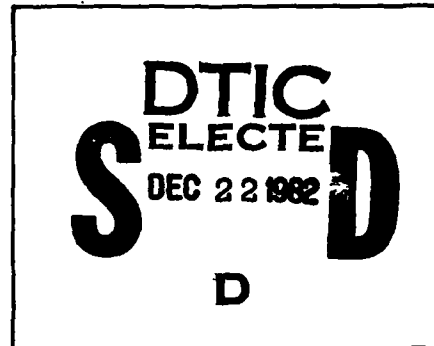
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USAFETAC DS-82/051

31 AUG 82

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

MAXWELL AFB AL MSC #722265
N 32 23 W 086 22 F D ELEV 168 FT MZF

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

WAYNE E. MCCOLLOM
Chief, Technical Information Section
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FOR THE COMMANDER

WALTER S. BURGESS
Director, Air Weather Service
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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER USAFETAC/DS-82/051	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- MAXWELL AFB, ALABAMA		5. TYPE OF REPORT & PERIOD COVERED Final rept.
		6. PERFORMING ORG. REPORT NUMBER
7. AUTHOR(s)		8. CONTRACT OR GRANT NUMBER(s)
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		12. REPORT DATE 24 AUG 82
		13. NUMBER OF PAGES 400
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		15. SECURITY CLASS. (of this report) UNCLASSIFIED
		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) *RUSSWO Daily temperatures Atmospheric pressure Snowfall Extreme snow depth Extreme surface winds Climatology Sea-level pressure Psychrometric summary Surface Winds Extreme temperature Ceiling versus visibility Relative Humidity *Climatological data (over)		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part 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 frequency 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 occurrence or cumulative percentage frequency of occurring tables.

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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 _____

MARCE _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO. OR SUMMARY 722265	STATION NAME MAXWELL AFB ALABAMA/	LATITUDE N 32 23	LONGITUDE W 086 22	MEAN ELEV. (FT) 168	CALL SIGN 30XP	WIND NUMBER -
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STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE SEA LEVEL		DAYS PER DAY
			FROM	TO			STATION (FT)	TYPE OF INSTRUMENT	
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 INSTRUMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jan 37 to Dec 41	Located on the Tower Bldg.	Anemometer	N/A	60 Ft	
2	Sep 42 to May 48	Same	Selwyn	ML-144	Same	
3	Jun 48 to Feb 55	Located 200 ft S of Weather Station.	Same	Same	45 Ft	
4	Mar 54 to Feb 55	Located on top of Bldg adjacent to Weather Station.	Same	Same	29 Ft	
5	Mar 55 to Feb 57	Located on Hangar 3 of Base Operations.	Same	Same	80 Ft	
6	Mar 57 to Apr 62	Located in Base Control Tower.	Same	Same	78 Ft	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION			HT. ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER		
7	May 62 to Aug 62	Located 750 ft from the end and 500 ft E of Rwy 14.	AM/OM-1	NO-2	13 Ft	
8	Sep 62 to Feb 64	Located 950 ft E of Rwy 14, 450 ft S from Taxiway A.	Same	Same	12 Ft	
9	Mar 64 to Sep 70	Located 750 ft from the end and 500 ft E of Rwy 14.	Same	Same	13 Ft	
10	Oct 70 to Dec 72	Located 1000 ft ENE of centerline 1550 ft from end of Rwy 14.	Same	Same	Same	
11	Jul 78 to Jul 82	Same	Same	Same	Same	

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.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 ATP WEATHER SERVICE/MAC

USE WITH CAUTION
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WEATHER CONDITIONS

722265
 STATION

MAXWELL AFB AL
 STATION NAME

73-81
 YEARS

JAN
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECP.	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

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HALE	% 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	13.0	4865

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WEATHER CONDITIONS

72265
 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	4697

3659

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WEATHER CONDITIONS

702265
STATION

MAXWELL AFB AL
STATION NAME

73-81
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02												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	823
	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		.1	21.9	4865

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WEATHER CONDITIONS

722255
 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	661
	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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AFB WEATHER SERVICE/MAC

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WEATHER CONDITIONS

722235
STATION

MAXWELL AFB AL
STATION NAME

73-81
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02												
	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	337
	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	924
	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

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USE WITH CAUTION
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WEATHER CONDITIONS

72265 MAXWELL AFB AL 73-81 AUG
 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.
AUG	00-02	20.0	30.0				30.0						10
	03-05	.7	3.6				3.6	60.1	30.2			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

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GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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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		69.0				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	309
	12-14	2.3	7.9				7.9	1.9	12.2			13.7	810
	15-17	3.5	8.9				8.9	2.4	10.6			13.0	508
	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			26.1	4718

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

USE WITH CAUTION
 SEE FIRST PAGE

WEATHER CONDITIONS

702265
 STATION

MAXWELL AFB AL
 STATION NAME

73-81
 YEARS

OCT
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAZ	% 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												?
	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	318
	09-11	.2	4.9				4.9	6.7	18.7			23.1	234
	12-14	.2	4.0				4.0	2.5	6.2			6.5	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	334
	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	4463

3682

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

WEATHER CONDITIONS

722205
STATION

MAXWELL AFB AL
STATION NAME

73-81
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		16.7				16.7						6
	03-05												3
	06-08		8.7				8.7	34.2	15.6			43.6	667
	09-11		6.5				6.5	12.6	16.0			26.2	817
	12-14	.1	9.0				9.0	4.8	5.6			9.6	609
	15-17	.5	8.5				8.5	6.2	2.7			8.6	517
	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

FEDERAL BUREAU OF SURVEY
 FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

USE WITH CAUTION
 SEE FIRST PAGE

002245
 STATION

MAXWELL AFB AL
 STATION NAME

73-81

YEARS

DEC
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR 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												3
	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	12.8	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
 ATMOSPHERIC WEATHER SERVICE/MAC

WEATHER CONDITIONS

702285 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		.5	15.2	4409
MAR		3.8	17.4	.1	.1		17.6	9.3	4.6		.2	13.0	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		.0	21.9	4865
JUN		2.4	9.4				9.4	8.8	16.8		.0	21.2	4690
JUL		4.6	5.8				5.8	13.2	29.0			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	8.8	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

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 WMAN 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 $\frac{5}{8}$ mile.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

XX XX XX XX XX XX XX XX XX XX XX XX XX XX XX XX
WEATHER CONDITIONS
 XX XX XX XX XX XX XX XX XX XX XX XX XX XX XX XX
 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

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

B

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:

Beginning thru 1945 at 0800LST
Jan 46-May 57 at 1230GMT
Jun 57-present at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52 at 0030GMT
Jul 52-May 57 at 1230GMT
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

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	53.9	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		

GENERAL CLIMATOLOGY BRANCH
 AFMSTAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

120265 MAXWELL AFB AL

37-56, 65-81

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
37													
38													
39	.75	1.16	1.73	.61	.57	.71*	1.47	5.60	.83	.19	.27	1.7	5.60
40	.98	2.13	2.28	2.05	.34	1.46	1.48	.96	.18	.42	1.58	2.17	2.28
41	1.63	1.30	1.89	.52	.47	1.41	1.28	1.77	.90	1.08	.49	2.82	2.82
42									1.47	.71	1.80	5.72	
43	2.19	.65	3.50	.91	2.26	1.06	2.18	2.29	.74	1.35	2.67	1.79	3.50
44	2.94	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	2.87	2.01	1.33	1.55	1.50	1.25	2.36	2.08	2.80
46	1.60	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	2.00	2.50	.10	.20	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	1.3	5.85
49	.92	1.00	.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	1.30	1.52	1.65	3.81	1.31	3.87	.45	.63	1.50	3.87
51	.82	.58	1.88	.89	1.76	1.45	1.77	1.43	2.80	.53	1.78	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	3.77	5.39
54	.40	5.79	1.61	2.12	.58	.64	.84	.45	.16	1.30	.52	1.13	5.79
55	1.76	1.72	.89	1.04	1.55	.69	3.00	1.62	.37	.44	1.45	.57	3.00
56	1.00	1.04	2.29	1.72	.32	1.20	1.09						
65									3.60		.69*	TRACE	
66	.94		* 1.37	.85	1.29	.96	1.45	1.17	2.41	3.30	2.30	2.30	
67	.86	2.12	1.33	.99*	2.09	3.16	1.84	1.35	2.16	1.68	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	1.73	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	1.84	1.87	.97	2.26	.26	2.10	1.33	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)

FEDERAL CLIMATOLOGY BRANCH
 WAFBAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 XXXXXXXXXXXXXXXXXXXXXXX
 MONTHLY PRECIPITATION

122204 MAXWELL AFB AL
 STATION STATION NAME

37-56, 65-81
 YEARS

(FROM DAILY OBSERVATIONS)

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
37													
38	5.71	5.66	5.00	2.20	7.26	3.77*	3.39	15.39	2.84	.26	.54	2.55	*43.57
39	3.76	4.92	5.63	4.13	.75	1.47	5.62	2.51	.23	.53	3.88	7.03	47.33
40	2.70	3.53	4.92	2.07	.47	6.57	6.77	3.60	2.54	1.47	1.25	1.12	46.21
41									2.25	1.32	1.74	9.72	
42	5.2	1.79	14.04	1.48	3.40	2.88	6.06	3.37	2.35	1.58	3.46	3.78	48.51
43	5.18	5.91	1.19	8.69	2.36	2.57	3.55	4.83	2.54	.36	5.33	3.25	54.75
44	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
45	7.89	3.73	9.08	2.89	7.36	9.46	7.70	4.73	7.10	1.30	3.47	2.76	56.75
46	11.57	1.59	5.87	7.10	3.65	3.97	4.24	6.75	.13	.74	8.19	4.72	57.52
47	3.62	5.42	7.37	2.04	3.54	2.47	6.06	3.75	2.95	1.54	10.34	3.32	61.72
48	7.33	4.98	4.92	4.54	2.72	11.77	8.74	5.46	1.46	3.20	.13	3.73	53.98
49	2.36	3.53	3.97	3.83	4.72	2.98	9.71	2.75	6.63	1.04	.87	4.53	46.92
50	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
51	2.79	3.84	6.58	3.46	5.55	2.35	2.87	3.87	2.94	.88	1.08	6.01	43.12
52	3.50	6.27	3.14	9.26	3.16	4.21	6.23	1.15	7.15	.36	2.26	9.59	56.11
53	.85	6.88	4.26	2.85	.94	2.11	3.40	.95	.46	1.91	1.81	3.74	30.16
54	3.39	2.58	2.45	6.35	5.85	2.23	6.30	3.17	.42	1.13	3.45	.89	36.31
55	2.32	5.79	7.95	2.18	.86	3.80	4.76						
56	5.63		* 5.83	1.64	4.60	2.23	3.36	2.95	4.33	6.87	8.27	1.40	TRACE
57	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
58	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
59	2.20	5.00	5.44	2.70	5.88	2.07	5.98	7.33*	5.27	1.71	.64	4.05	*48.27
60	3.86	3.66	6.70	2.34	3.48	6.52	6.02	6.46	2.97	4.35	2.03	5.09	53.18
61	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
62	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
63	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
64	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)

2

FEDERAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
XXXXXXXXXXXXXXXXXXXXX
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

702245
STATION

MAXWELL AFB AL
STATION NAME

37-56, 65-81
YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
75	9.16	8.48	9.70	6.48	5.06	8.53	17.73	6.34	7.67	6.55	7.43	5.43	65.26
76	3.55	2.43	9.43	1.48	6.29	5.43	3.64	7.78	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	6.91	2.52	4.03	3.35	49.19
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	51.37
81	* 2.13	7.99	4.66	6.69	3.79	1.35	4.84	4.42	.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)

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

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	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		

GLOBAL CLIMATOLOGY BRANCH
 STATE/TAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

12205 MAXWELL AFB AL

46-56, 65-81

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
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	.0	.0	.0	.0	.0	.0
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
59	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
60	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
61	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	*TRACE	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.5
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
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	.0	.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	.07	TRACE	TRACE	.00	.00	.00	.00	.00	.00	TRACE	TRACE	.01
S. D.	.638	.391	.000	.000	.300	.000	.000	.000	.000	.000	.300	.000	.048
TOTAL OBS.	855	735	836	810	837	808	837	806	810	805	810	783	9705

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 XXXXXXXXXXXXXXXXXXXXXXX
 MONTHLY SNOWFALL

STATION MAXWELL AFB AL

46-56, 65-61

FROM DAILY OBSERVATIONS

STATION

STATION NAME

YEARS

TOTAL MONTHLY SNOWFALL 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	.0	.0	.0	.0	.0	.0
57	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
58	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	*.4
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
60	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
61	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	*TRACE
62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	*TRACE	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	* 1.5
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
67	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	* 5.9
68	*TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	*TRACE
69	*TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	*TRACE
70	*.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	*TRACE
71	*.0	TRACE	.0	.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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
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	*.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	.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	.000
TOTAL OBS.	856	735	636	810	837	808	837	806	810	805	810	783	9705

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

PRECIP.	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.03	.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	
	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						
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	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				

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AT WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

122005 MAXWELL AFB AL

37-56, 65-61

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
37													
38													
39	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
40		0	0	0	0	0	0	0	0	0	0	0	
41		0	0	0	0	0	0	0	0	0	0	0	
42		0	0	0	0	0	0	0	0	0	0	0	
43		0	0	0	0	0	0	0	0	0	0	0	
44		0	0	0	0	0	0	0	0	0	0	0	
45		0	0	0	0	0	0	0	0	0	0	0	
46		0	0	0	0	0	0	0	0	0	0	0	
47		0	0	0	0	0	0	0	0	0	0	0	
48		0	0	0	0	0	0	0	0	0	0	0	
49		0	0	0	0	0	0	0	0	0	0	0	
50		0	0	0	0	0	0	0	0	0	0	0	
51		0	0	0	0	0	0	0	0	0	0	0	
52		0	0	0	0	0	0	0	0	0	0	0	
53		0	0	0	0	0	0	0	0	0	0	0	
54		0	0	0	0	0	0	0	0	0	0	0	
55		0	0	0	0	0	0	0	0	0	0	0	
56		0	0	0	0	0	0	0	0	0	0	0	
57		0	0	0	0	0	0	0	0	0	0	0	
58		0	0	0	0	0	0	0	0	0	0	0	
59		0	0	0	0	0	0	0	0	0	0	0	
60		0	0	0	0	0	0	0	0	0	0	0	
61		0	0	0	0	0	0	0	0	0	0	0	
62		0	0	0	0	0	0	0	0	0	0	0	
63		0	0	0	0	0	0	0	0	0	0	0	
64		0	0	0	0	0	0	0	0	0	0	0	
65		0	0	0	0	0	0	0	0	0	0	0	
66		0	0	0	0	0	0	0	0	0	0	0	
67		0	0	0	0	0	0	0	0	0	0	0	
68		0	0	0	0	0	0	0	0	0	0	0	
69		0	0	0	0	0	0	0	0	0	0	0	
70		0	0	0	0	0	0	0	0	0	0	0	
71		0	0	0	0	0	0	0	0	0	0	0	
72		0	0	0	0	0	0	0	0	0	0	0	
73	*	0	0	0	0	0	0	0	0	0	0	0	
74		0	0	0	0	0	0	0	0	0	0	0	
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

2
FEDERAL CLIMATOLOGY BRANCH
NWS/OTAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

42285 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	0	0	0	0	0	0	0	0	0	
76			0	0	0	0	0	0	0	0	0	0	
77			0	0	0	0	0	0	0	0	0	0	
78	*		0	0	0	0	0	0	0	0	0	0	*
79	*		0	0	0	0	0	0	0	0	0	0	*
80	*		0	TRACE	0	0	0	0	0	0	0	0	TRACE
81	*		0	0	0	0	0	0	0	0	0	0	*
MEAN		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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

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

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

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

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

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

- 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.

FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

02285 MAXWELL AFB AL

53-56, 64-68, 77-81

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	NNW 42	NNW 40	*30	NNW 18	NNE 45	29	NNW 28	NNW 25	
54	W *38	NNW 42	61	SW 43	NNW 26	NNW 44	ESE 45	ENE 52	ENE 41	NW 30	SW 40	NNW 40	N 63
55	NW 43	NNW 39	SSW 39	NNW 38	52	30	NE 52	NE 26	47	51	SSW 47	W 33	W 52
56	WSW*34	W 52	NNW 43	SSW 45	NW 33	44	NNW*46						
57	NW 38	*34	WSW 41	SW 43	NW 30	SSW 29	SSW 31	W 31	N 29	29	SSW 29	WSW 41	SW 43
58	NNW 30	33	NNE 42	SSW 30	SSW 59	SSW 32	SW 36	NW 34	SSW 24	33	NW 33	W 31	SSW 58
59	NNW 30	SSW 36	31	NW 29	SW 21	ENE 37	29	SSW 26	29	29	NW 24	W 22	ENE 37
60	SW 35	SE 32	W 30	N 32	ENE 26	ENE 33	NNW 23	NW 20	E 18	W 21	SW 26	NW 24	SW 35
61	SW 37	NNW 26	30	SW 21	SE 37	24	32/ 33	6/ 31	31/ 18	30/ 22	24/ 28	27/ 33	SW 37
62			16/ 26	29/ 42	6/ 44	8/ 33	29/ 20	18/ 39	18/ 46	15/ 21	19/ 23	12/ 30	
63	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
64	72/ 42	31/ 36	28/ 50	22/ 27	17/ 31	4/ 32	27/ 40	36/ 34	19/ 21	3/ 21	28/ 27	31/ 31	25/ 57
65	14/ 29	14/ 29	27/ 40	27/ 28	21/ 43	31/ 26	31/ 32	10/ 29	16/ 27	13/ 22	11/ 40	25/ 32	21/ 48
66	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
67	25/ 44	31/ 38	26/ 36	25/ 38	18/ 29	3/ 41	33/ 36	33/ 34	34/ 45	4/ 23	17/ 24	26/ 25	34/ 45
68	31/ 25	22/ 40	29/ 31	26/ 22	14/ 31	23/ 35	34/ 35	23/ 29	7* 18	13/ 31	22/ 27	31/ 25	22/ 47
69	32* 38	15/ 38	28/ 30	19/ 36	9/ 31	35/ 35	19/ 34	19/ 32	19/ 32	2/ 26	6/ 24	31* 31	32* 38
70	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
71	27/ 42	30/ 29	14/ 46	27/ 35	10/ 29	36/ 23	10/ 33	27/ 31	15/ 38	3/ 30	25/ 42	35* 23	14/ 46
72	36/ 28	16/ 50	34/ 31	19/ 32	19/ 41	28/ 30	3/ 42	15/ 23	9/ 28	3/ 22	11/ 30	35* 21	16/ 50
73	33* 20	21/ 40	24/ 35	29/ 27	16/ 34	18/ 30	27/ 50	17/ 32	30/ 26	33/ 26	33/ 30	32* 26	27/ 57
MEAN	34.1	34.1	38.7	33.6	35.7	33.8	35.1	30.5	30.6	27.1	30.9	31.5	45.1
S. D.	7.141	7.339	8.356	7.331	8.913	6.263	8.407	7.600	9.121	7.203	6.854	5.553	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 0-88-5 (OL1)

3 (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 MAXWELL AFB AL 73-81 JAN

STATION STATION NAME YEARS MONTH

ALL WEATHER 0600-0800

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	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	1.2	.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

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 (KMTS) DIR.	1 - 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	.4	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	1.4	.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	1.4	.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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265

MAXWELL AFB AL

73-81

JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1200-1400

CLASS

HOURS (L.O.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	.9									4.4	3.5
E	2.2	2.6	1.5	.1								6.4	4.7
ESE	1.1	2.2	.9	.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

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	.9	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	2.9	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	1.4	2.0	.9	.1		.1						4.7	5.4
W	2.7	3.4	3.1	1.2	.1							10.6	6.4
WNW	2.9	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	
	25.4	30.9	22.0	8.3	.2	.1						100.0	5.2

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

MAXWELL AFB AL

73-81

JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1800-2000

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	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	2.3	.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

MAXWELL AFB AL

73-81

JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

2100-2300

CLASS

HOURLY (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	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	2.6	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	1.3	.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	.6	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
VARB													
CALM												33.0	
	23.7	25.3	14.2	3.1	.7							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

751

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	.5	.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

MAXWELL AFB AL

73-81

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0600-0800

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	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

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	29.5	9.1	.5	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

761

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265

MAXWELL AFB AL

73-81

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1200-1400

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	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
CLAS

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

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

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
YEAR

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	1.6	.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								4.4	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

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
HOWRS (L.B.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	1.6	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	.9	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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265 MAXWELL AFB AL 73-81 MAR

STATION STATION NAME YEARS MONTH

ALL WEATHER 0600-0800

CLASS HOUR (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	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

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 - 53	≥ 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	2.6	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	.4	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

2
 61898

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.)

DEFINITION

SPEED (KNTS) DIR.	1-3	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

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
 1500-1700
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 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	.3	1.2	1.4	.5	.1							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

91700

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
MOUSE (L.S.T.)

CORRECTION

SPEED (KNTS) DIR.	1 - 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	.3	.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	1.6	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	27.8	19.9	5.4	1.0							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 830

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	.9								11.5	5.4
SSW	.9	2.3	2.3	.6								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

2
 51782

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 MAXWELL AFB AL 73-81 MAR

STATION STATION NAME YEARS MONTH

ALL WEATHER

CLASS

COBALTION

ALL

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	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	1.3	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	1.3	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

MAXWELL AFB AL

73-81

APR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0600-0800

CLASS

HOURL (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	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	4.1	.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	2.9	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	.9								4.1	7.3
S	2.4	2.6	.9	.1								6.0	4.7
SSW	.9	1.3	.5	.9								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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

722265

MAXWELL AFB AL

73-81

APR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0900-1100

CLASS

MOVES (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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												7.4	
CALM													
	23.0	32.7	26.9	9.3	.6							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

807

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	.9	.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	7.0
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

2
 31708

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	.9	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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265

MAXWELL AFB AL

73-81

APR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1800-2000

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	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	5.0
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	5.8
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	5.8
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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265

MAXWELL AFB AL

73-81

APR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

2100-2300

CLASS

UNITS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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

2

USE WITH CAUTION
SEE FIRST PAGE

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

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.7	1.5	.1								5.1	5.1
NNE	2.3	1.6	.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	1.6	.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.)

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 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												51.3	
CALM													
	27.8	16.5	4.4									100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 158

81734

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265

MAXWELL AFB AL

73-81

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0600-0800

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	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

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

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	2.3	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	3.3	3.5	.6									7.6	3.8
E	2.0	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	1.8	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	3.4	.4							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 833

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	.8								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	.8								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

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	1.4	.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	2.4	2.9	.4								7.6	5.9
WSW	2.2	3.5	2.9	.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	1.4	.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	25.5	4.1	.4		.1					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

834

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

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 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	.9	.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

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
YEAR

MAY
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 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	1.9	.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	.9									2.9	4.1
ESE	.7	.9	.2									1.5	3.8
SE	.9	1.9	.4	.2								2.9	5.1
SSE	1.9	1.8	.7									4.0	4.5
S	3.8	2.9	.7	.2								7.7	4.1
SSW	1.3	1.9	.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	.9	.2								2.6	5.0
NW	.7	.2	.4									1.3	4.3
NNW	2.0	.9	.9									3.5	4.2
VARBL													
CALM												50.8	
	23.4	17.4	7.1	1.1	.2							100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 547

01720

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIP WEATHER SERVICE/MAC

USE WITH CAUTION
 SEE FIRST PAGE

SURFACE WINDS

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

722265

MAXWELL AFB AL

73-81

MAY

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	2.5	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

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	2.8
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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265 MAXWELL AFB AL 73-81 JUN

STATION STATION NAME YEARS MONTH

ALL WEATHER 0600-0800

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265

MAXWELL AFB AL

73-81

JUN

STATION

STATION NAME

YEARS

MONTHS

ALL WEATHER

0900-1100

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	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

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

2
 1728

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265

MAXWELL AFB AL

73-81

JUN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1500-1700

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	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.)

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 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	.4	.9	.4									1.9	4.5
NNW	1.1	1.9	.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

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
YEAR

JUN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 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
VARRL													
CALM												52.4	
	25.6	17.0	4.7	.4								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS

536

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIP WEATHER SERVICE/MAC

USE WITH CAUTION
 SEE FIRST PAGE
 PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

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	13.4	1.2	.0							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 4690

01700

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													
VARB													
CALM												65.0	
	24.8	8.9	1.3									100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 157

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

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	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	.8	.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

MAXWELL AFB AL

73-81

JUL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0900-1100

CLASS

HOURL (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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
VARB.													
CALM												16.0	
	38.7	36.0	8.6	.7								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

837

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	2.4	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

2
 81784

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265

MAXWELL AFB AL

73-81

JUL

STATION

STATION NAME

YEAR

MONTH

ALL WEATHER

1500-1700

CLASS

WIND (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	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	2.9	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								2.8	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
VARB.													
CALM												10.9	
	29.0	40.8	16.0	3.3								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

824

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

722265
STATION

MAXWELL AFB AL
STATION NAME

73-81
YEAR

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 - 53	≥ 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	3.4	2.8	1.1	.2								7.8	4.3
SSW	3.4	2.6	.1									6.3	3.4
SW	2.4	1.5	.6									4.5	3.6
WSW	3.4	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

2
 81736

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

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 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

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

MAXWELL AFB AL

73-81

JUL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

MOVES (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	.6	.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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265

MAXWELL AFB AL

73,75-76,78-81

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0300-0500

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.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

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

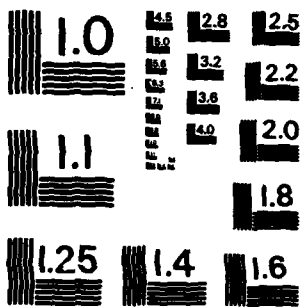
UNCLASSIFIED

USAFETAC/DS-82/081 SBI-AD-EGSO 209

F/G 4/2

NL

The table is a grid with 10 columns and 15 rows. All cells in the grid are completely redacted with black bars, making the data unreadable. The grid is located in the lower two-thirds of the page.



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

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	2.8									100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 837

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
YEAR

AUG
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 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	4.9	1.0									10.5	3.8
E	6.7	6.9	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	3.4
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

2
 91762

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265

MAXWELL AFB AL

73-81

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1200-1400

CLASS

HOURL (L.S.T.)

COORDINATE

SPEED (KNTS) DIR.	1-3	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	2.9	.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													
CALA												8.6	
	29.5	46.8	14.1	1.0								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

837

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265

MAXWELL AFB AL

73-81

AUG

STATION

STATION NAME

YEAR

MONTH

ALL WEATHER

1500-1700

CLASS

ZONE (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	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	.5								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	1.4	.6		.1								2.6	3.0
NNW	1.4	1.4	.5	.1								3.9	4.5
VARBL													
CALM												10.2	
	33.2	40.4	14.6	1.4	.2	.1						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265

MAXWELL AFB AL

73-81

AUG

STATION

STATION NAME

YEAR

MONTH

ALL WEATHER

1800-2000

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	.6	.1									3.7	2.8
NNE	2.4	.6										3.2	2.6
NE	2.3	1.1		.1								3.5	3.0
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	2.3	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

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
PERIOD (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥54	%	MEAN WIND SPEED
N	1.6	1.2										2.6	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	.9	.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	.9									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

2
 01746

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

MAXWELL AFB AL

73-81

AUG

STATION

STATION NAME

YEAR

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								6.0	3.4
NE	2.8	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	1.8	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	1.4	1.6	.4	.0								4.0	3.4
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	3.3
NW	.9	.8	.0	.0								1.5	3.4
NNW	1.4	1.0	.2	.0								2.6	3.7
VARBL													
CALM												28.0	
	34.7	29.1	7.8	.6	.0	.0						100.0	2.8

TOTAL NUMBER OF OBSERVATIONS

4895

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
GROUP (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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													
VARB.													
CALM												51.2	
	24.8	19.2	2.4	1.6	.8							100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 125

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265

MAXWELL AFB AL

73-81

SEP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0600-0800

CLASS

HOURS (L.G.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥36	%	MEAN WIND SPEED
N	2.4	2.5	.1									5.0	3.7
NNE	6.4	4.5	.7	.1								11.8	3.6
NE	4.1	5.4	1.1									11.0	4.1
ENE	5.6	5.2	1.2	.1								12.1	4.1
E	3.0	4.8	1.9	.2								9.9	4.9
ESE	1.9	1.6	.5	.2								4.2	4.6
SE	.5	1.0	.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	.3	.1									1.5	3.6
SW	1.0	.2	.1									1.4	3.1
WSW	.6	.3										1.1	2.8
W	.7	1.0	.2									2.0	4.2
WWW	1.0	.7	.4									2.1	4.2
NW	.6	.4										1.0	2.9
NNW	.4	.4										1.0	3.8
VARBL													
CALM												30.0	
	31.2	31.2	6.9	.7	.2							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS

808

2
61750

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265

MAXWELL AFB AL

73-81

SEP

STATION

STATION NAME

YEAR

MONTH

ALL WEATHER

0900-1100

CLASS

NOON (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	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	3.9	4.3	.7	.1								8.7	4.2
NE	3.4	3.7	1.8	.1								8.9	4.3
ENE	4.9	5.1	2.5	.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	1.5	.5									3.0	4.4
W	1.7	2.0	.9									4.6	4.2
WNW	1.1	1.1	.8			.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	26.6	19.4	1.5	.1	.5						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

809

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	2.4	6.7	3.8	.4								13.7	5.7
ESE	1.2	2.0	1.6	.4								5.2	4.1
SE	.7	2.1	.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

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	7.0	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

608

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	1.9	.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	.9	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

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
OURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	4.0
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								6.3	5.3
ESE	.7	.7	.2		.2							1.8	5.0
SE	.9	1.1	.4	.2								2.6	5.1
SSE	1.5	1.5	.2									3.1	3.0
S	1.7	.9	.2									2.8	3.0
SSW	1.3	.9										2.2	3.5
SW	.6	.4										.9	3.0
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

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

MAXWELL AFB AL

73-81

SEP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

MOON (L.O.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	3.3	.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	1.2	.8	.3									2.0	3.9
NNW	1.0	1.0	.6	.1								2.6	4.8
VARB													
CALM												22.9	
	29.3	32.9	13.0	1.6	.1	.1						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

4718

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
HOORS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	1.6	1.6										3.5	3.8
NNE	11.5	1.6	1.6									15.0	3.1
NE	5.3	.9										6.2	2.3
NNE	2.7											2.7	2.0
E	3.5	1.6										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	1.6	.9										2.7	4.0
NW	.9	1.6										2.7	3.3
NNW	.9	1.6	2.7									5.3	6.9
VARBL													
CALM												53.1	
	30.2	12.4	4.4									100.0	1.6

TOTAL NUMBER OF OBSERVATIONS

113

2
 61758

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265

MAXWELL AFB AL

73-01

OCT

STATION

STATION NAME

YEAR

MONTH

ALL WEATHER

0600-0600

CLASS

HOURE (L.S.T.)

COMMITTEE

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥36	%	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	1.4	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	9.6	1.3								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS

618

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
YEAR

OCT
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	1.0	3.0	3.0	.1								8.5	5.9
NNE	3.0	2.0	.0	.2								6.5	4.0
NE	3.2	2.2	.0									6.0	3.6
NNE	6.1	3.0	2.2									12.1	4.2
E	3.2	6.2	4.2	.2								13.7	5.4
ESE	1.2	2.0	2.2	.1								6.4	5.7
SE	1.2	2.0	1.2	.4								4.8	5.9
SSE	1.2	1.0	1.2	.2								4.2	5.7
S	1.0	1.1	.0									2.9	5.3
SSW	.0	.0	.0									1.9	5.9
SW	.0	.0	.2									1.4	3.6
WSW	.0	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	1.0									3.7	6.1
NW	.7	.0	1.0	.0								3.4	7.0
NNW	.0	1.1	1.7	.1								3.4	6.6
VARBL													
CALM												13.8	
	28.9	32.4	23.1	2.2								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

634

2
 81700

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
YEAR

OCT
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	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	4.4	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	.6	.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												4.2	
	25.4	36.9	26.8	2.8								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 832

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265

MAXWELL AFB AL

73-81

OCT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1500-1700

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.4	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
NNE	2.8	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
ESE	1.2	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	1.6	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
VARB													
CALM												15.6	
	27.7	37.4	17.4	1.9								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

834

81762

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265

MAXWELL AFB AL

73-81

OCT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1800-2000

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	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	3.9	3.9	1.7	.1								6.8	4.6
ESE	.9	2.3	.6	.1								3.5	5.3
SE	.9	1.1	.1									1.7	4.0
SSE	.9	.6										1.1	3.3
S	1.0	.8	.1									1.9	3.9
SSW	.2	.2										.5	3.0
SW	.7											.7	2.0
WSW	1.2											1.2	2.1
W	1.6	1.2	.2									3.0	3.4
WWW	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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265

MAXWELL AFB AL

73-81

OCT

STATION

STATION NAME

YEAR

MONTH

ALL WEATHER

2100-2300

CLASS

NOVBB (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	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
VARB													
CALM												51.8	
	21.7	20.3	5.9	.3								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS

895

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

OCT
MONTH

ALL WEATHER
CLASS

ALL
MOON (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	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	1.0	.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	.9	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	.9	.9	.9	.0								1.5	5.3
SW	.7	.9	.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	3.4

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

MAXWELL AFB AL

73-81

NOV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0600-0800

CLASS

MOON (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	2.0	1.2									5.2	4.5
NNE	4.0	3.0	.7									7.8	3.8
NE	4.5	1.8	.3									6.6	3.2
ENE	3.9	2.3	.6									6.6	3.6
E	3.6	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									2.9	5.2
SSW	.7	.3										.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	1.4	.4	.3								3.0	5.8
NNW	.7	1.5	.9									3.1	5.0
VARBL													
CALM												37.3	
	27.4	22.4	11.4	.9								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS

667

2
1708

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

0900-1100

CLASS

NOVMS (L.S.Y.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	1.4	2.0	1.2								4.9	8.5
NNW	1.0	1.2	1.2	.4								3.8	6.3
VARB													
CALM												17.8	
	24.6	32.0	20.9	4.7	.1							100.0	4.5

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

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

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

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	4.0	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	3.4
SE	.6	1.6	1.7	.2								4.2	6.1
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	4.8
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	1.8	.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

2
 01772

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265

MAXWELL AFB AL

73-81

NOV

STATION

STATION NAME

YEARS

MONTHS

ALL WEATHER

2100-2300

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	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

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
YEAR

NOV
MONTH

ALL WEATHER

CLASS

ALL

MOON (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	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	2.4	1.3	.1								6.7	4.7
NNE	2.5	1.7	.4									4.7	3.7
NE	1.4	1.4	.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	1.2	.8	.3								3.2	5.7
SW	.6	.7	.5	.0								2.1	4.9
WSW	1.1	.4	.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	1.2	1.7	1.7	1.0								5.4	6.9
NNW	1.4	1.9	1.7	.3	.0							5.4	5.8
VARB													
CALM												29.3	
	24.6	26.4	15.3	4.2	.1	.0						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 4723

8174

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
MOON

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	48-53	≥54	%	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	3.0
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	.9	.3									1.9	4.3
SSW	.7	1.0	1.0									2.7	5.4
SW	1.0	.2	.3	.3								1.9	5.8
WSW	.5	.7										1.2	3.4
W	1.9	1.7	.7	.5								4.8	4.6
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
VARL													
CALM												32.6	
	24.7	25.3	14.8	2.6								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 582

2

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

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	1.4	.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
VARB													
CALM												18.2	
	24.2	26.4	23.8	7.0	.3							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

768

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265

MAXWELL AFB AL

73-81

DEC

STATION

STATION NAME

YEAR

MONTH

ALL WEATHER

1200-1400

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.5	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	.3	2.9	.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	.9								4.1	7.4
SW	1.0	1.7	1.2	.8								4.7	6.3
WSW	.8	1.7	1.8	.9								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
VARB													
CALM												11.2	
	19.7	29.4	28.5	10.6	.5							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

765

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265

MAXWELL AFB AL

73-81

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1500-1700

CLASS

NOON (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	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	.8							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

754

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
YEAR

DEC
MONTH

ALL WEATHER

1800-2000

CLASS

MOON (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	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	3.4	1.0	.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

61789

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722265

MAXWELL AFB AL

73-81

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

2100-2300

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	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

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

MAXWELL AFB AL

73-81

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURLY (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	1.4	.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	1.5	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

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

MAXWELL AFB AL

73-81

ALL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

MOON (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	1.9	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

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

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

ALL
NUMBER (L.S.Y.)

SPEED (KNTS) DIR.	1 - 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	3.0	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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

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

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

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING																
1800																
1500					91.0											92.6
1200																
1000																
900																
800																
700																
600																
500										97.4						98.1
400																
300																
200																
100					95.4		96.9			98.3						
0																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 ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0630-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥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
IVIM 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
IVIM 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
IVIM 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
IVIM 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
IVIM 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
IVIM 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
IVIM 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
IVIM 7000	24.1	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
IVIM 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
IVIM 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
IVIM 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
IVIM 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
IVIM 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
IVIM 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
IVIM 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
IVIM 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
IVIM 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
IVIM 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
IVIM 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
IVIM 1000	30.2	64.8	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
IVIM 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
IVIM 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
IVIM 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
IVIM 600	30.7	68.9	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
IVIM 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
IVIM 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
IVIM 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
IVIM 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
IVIM 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
IVIM 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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 MAXWELL AFB AL

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
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
IV 20000	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
IV 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
IV 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
IV 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
IV 12000	28.8	44.1	45.1	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
IV 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
IV 9000	29.9	47.0	48.8	48.9	49.1	49.4	49.4	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5
IV 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
IV 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
IV 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
IV 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
IV 4500	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
IV 4000	32.1	55.9	58.1	58.4	58.7	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 1000	37.8	73.6	77.0	78.1	79.4	79.8	80.9	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4
IV 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
IV 800	38.4	75.7	79.7	81.4	82.9	83.3	84.4	85.2	85.2	85.5	85.6	85.6	85.6	85.6	85.6	85.6
IV 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
IV 600	38.8	77.0	81.8	84.0	86.3	86.8	88.7	89.7	89.7	89.9	90.1	90.1	90.1	90.1	90.1	90.1
IV 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
IV 400	38.8	77.7	82.9	85.3	88.5	89.5	92.2	93.4	94.0	94.6	95.3	95.3	95.3	95.3	95.3	95.3
IV 300	38.8	77.7	83.0	85.6	89.0	89.9	93.0	94.8	95.4	96.1	97.0	97.0	97.0	97.0	97.0	97.0
IV 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	98.2	98.2	98.2	98.2
IV 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	98.2	98.2	98.2	98.2
IV 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	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 812

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.7	≥1.4	≥1	≥.7	≥.5	≥.3	≥.16	≥.1	≥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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 6000	43.9	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
IV 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
IV 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
IV 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
IV 3500	45.0	67.7	67.7	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 3000	46.0	70.0	70.0	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 2500	46.2	72.6	72.6	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
IV 2000	47.2	76.6	76.6	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 300	50.1	85.7	88.5	90.9	94.0	94.3	96.7	98.2	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	50.1	85.7	88.5	90.9	94.0	94.3	96.7	98.2	98.9	99.5	99.8	99.8	99.8	100.0	100.0	100.0
IV 100	50.1	85.7	88.5	90.9	94.0	94.3	96.7	98.2	98.9	99.5	99.8	99.8	99.8	100.0	100.0	100.0
IV 0	50.1	85.7	88.5	90.9	94.0	94.3	96.7	98.2	98.9	99.5	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 811

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 MAXWELL AFB AL

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥.5	≥.4	≥.3	≥.25	≥.2	≥.15	≥.1
NO CEILING IV 20000	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
IV 18000	39.3	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	53.9
IV 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
IV 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
IV 12000	42.9	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
IV 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	60.0
IV 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	60.2
IV 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	63.4
IV 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
IV 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
IV 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
IV 4500	48.2	69.4	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8
IV 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	71.3
IV 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
IV 3000	50.4	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 1000	51.8	84.8	86.8	87.7	88.7	88.8	89.4	89.8	90.0	90.1	90.1	90.1	90.3	90.3	90.3	90.4
IV 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
IV 800	51.9	85.5	87.4	89.1	91.0	91.1	92.1	92.4	92.6	92.8	93.0	93.1	93.1	93.1	93.1	93.2
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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	99.6	99.9
IV 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
IV 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 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

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 8000	41.4	60.2	60.8	60.8	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
IV 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
IV 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
IV 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
IV 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
IV 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	68.3
IV 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
IV 3000	46.1	71.9	72.6	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
IV 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
IV 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	81.9	82.0
IV 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	82.9	83.0
IV 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	84.9	85.0
IV 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
IV 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	88.5	88.5	88.7	88.8
IV 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	90.5	90.6	90.6	90.8
IV 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	91.4	91.5	91.5	91.6
IV 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	93.0	93.1	93.1	93.2
IV 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	95.0	95.1	95.1	95.2
IV 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	96.8	97.0	97.0	97.2
IV 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	98.0	98.3	98.3	98.4
IV 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
IV 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
IV 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
IV 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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
 HOUR

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅔	≥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	48.1	48.2	48.2	48.2	48.5
IV 20000	35.0	50.9	51.0	51.3	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9	52.2
IV 18000	35.0	50.9	51.0	51.3	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9	52.2
IV 16000	35.0	50.9	51.0	51.3	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9	52.2
IV 14000	36.8	52.2	52.7	53.0	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.7	53.7	53.7	53.9
IV 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	55.0	55.1	55.1	55.1	55.4
IV 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	56.1	56.2	56.2	56.2	56.5
IV 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	56.7	56.9	56.9	56.9	57.1
IV 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	59.3	59.4	59.4	59.4	59.7
IV 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	61.3	61.4	61.4	61.4	61.7
IV 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	62.6	62.7	62.7	62.7	63.0
IV 5000	41.5	62.8	63.4	63.6	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.6	64.6	64.6	64.8
IV 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	65.8	65.9	65.9	65.9	66.2
IV 4000	42.2	64.4	65.4	65.6	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.6	66.6	66.6	67.1
IV 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	67.5	67.6	67.6	67.6	68.2
IV 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	69.5	69.6	69.6	69.6	70.2
IV 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	74.8	75.0	75.0	75.1	75.5
IV 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	81.1	81.2	81.2	81.4	81.8
IV 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	81.9	82.0	82.0	82.2	82.6
IV 1500	45.1	80.0	81.8	83.1	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.4	84.4	84.6	85.0
IV 1200	45.7	82.2	84.0	85.4	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.6	86.6	86.7	86.8	87.2
IV 1000	45.9	83.1	85.2	86.6	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.9	88.0	88.0	88.1	88.5
IV 900	45.9	84.7	86.8	88.3	89.3	89.6	89.6	89.7	89.7	89.7	89.9	90.0	90.0	90.1	90.1	90.3	90.7
IV 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	91.2	91.3	91.3	91.5	91.9
IV 700	45.9	86.0	88.7	90.5	92.0	92.3	92.5	93.1	93.2	93.3	93.5	93.5	93.5	93.6	93.6	93.7	94.1
IV 600	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	
IV 500	46.3	87.2	90.1	92.1	94.4	94.8	95.4	96.5	96.7	96.8	96.9	96.9	97.1	97.1	97.2	97.6	
IV 400	46.3	87.2	90.1	92.1	94.4	94.8	95.4	96.5	96.7	96.8	96.9	96.9	97.1	97.1	97.2	97.6	
IV 300	46.3	87.2	90.1	92.1	94.4	94.8	95.4	96.5	96.7	96.8	96.9	96.9	97.1	97.1	97.2	97.6	
IV 200	46.3	87.2	90.1	92.1	94.4	94.8	95.4	96.5	96.7	96.8	96.9	96.9	97.1	97.1	97.2	97.6	
IV 100	46.3	87.2	90.1	92.1	94.4	94.8	95.4	96.5	96.7	96.8	96.9	96.9	97.1	97.1	97.2	97.6	
IV 0	46.3	87.2	90.1	92.1	94.4	94.8	95.4	96.5	96.7	96.8	96.9	96.9	97.1	97.1	97.2	97.6	

TOTAL NUMBER OF OBSERVATIONS 751

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 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
HOURLY

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING ≥ 20000	29.4	42.7	43.1	43.3	43.4	43.5	43.6	43.7	43.7	43.7	43.7	43.7	43.8	43.9	43.9	44.0
IV 18000	33.2	47.8	48.4	48.6	48.8	48.8	48.9	49.0	49.0	49.0	49.0	49.1	49.1	49.2	49.2	49.3
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 7000	38.2	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
IV 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
IV 5000	39.4	61.0	62.0	62.3	62.6	62.6	62.8	62.8	62.8	62.9	62.9	63.0	63.0	63.0	63.1	63.1
IV 4500	39.8	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
IV 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
IV 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
IV 3000	41.0	66.1	67.4	67.7	68.1	68.2	68.3	68.4	68.4	68.5	68.5	68.6	68.6	68.6	68.8	68.8
IV 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
IV 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
IV 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
IV 1500	43.5	75.8	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

FFB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0630-0800
2005-15

CEILING - FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.7	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
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
IV 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	55.0
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 700	30.9	73.0	80.2	83.6	88.6	89.3	91.2	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	93.3
IV 600	30.9	73.5	80.9	84.4	89.5	90.5	92.4	94.2	94.4	94.7	94.7	94.7	94.7	94.7	94.7	95.2
IV 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	95.5	95.6	96.1
IV 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	95.9	96.1	96.5
IV 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	96.4	96.5	97.0
IV 200	30.9	73.5	81.2	84.8	90.5	91.4	93.6	95.9	96.2	96.7	96.7	96.7	96.7	96.7	96.8	97.3
IV 100	30.9	73.5	81.2	84.8	90.5	91.4	93.6	95.9	96.2	96.7	96.7	96.7	96.7	96.7	96.8	97.3
IV 0	30.9	73.5	81.2	84.8	90.5	91.4	93.6	95.9	96.2	96.7	96.7	96.7	96.7	96.7	96.8	97.3

TOTAL NUMBER OF OBSERVATIONS 660

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 MAXWELL AFB AL

73-81

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900- 00
 HOURS TS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.4	≥.3	≥.3	≥.3	≥.3
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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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	98.3	98.3	98.3	98.3
IV 300	37.1	83.4	87.4	90.9	93.0	94.2	96.8	97.8	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 200	37.1	83.4	87.4	90.9	93.0	94.2	96.8	97.8	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 100	37.1	83.4	87.4	90.9	93.0	94.2	96.8	97.8	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 0	37.1	83.4	87.4	90.9	93.0	94.2	96.8	97.8	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 761

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

FFB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1800

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.7	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	≥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
≥ 2000	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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	78.3	78.3	78.3	78.3
IV 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
IV 2000	48.7	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 800	49.7	90.3	92.8	94.0	94.9	95.8	96.2	96.3	96.3	96.5	96.9	96.9	97.1	97.1	97.1	97.1
IV 700	49.7	90.4	92.9	94.1	95.0	95.9	96.5	96.6	96.6	96.7	97.1	97.1	97.4	97.4	97.4	97.4
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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 762

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265
STATION

MAXWELL AFB AL
STATION NAME

73-81
YEARS

FFB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.4	≥.3	≥.16	≥.1	≥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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 4000	54.5	77.5	78.8	78.8	78.8	78.8	78.8	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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	98.2	98.3	98.3	98.3
IV 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	98.6	98.7	98.7	98.7
IV 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	99.7	99.9	99.9	99.9
IV 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	99.9	100.0	100.0	100.0
IV 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	99.9	100.0	100.0	100.0
IV 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	99.9	100.0	100.0	100.0
IV 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	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 760

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72265 MAXWELL AFB AL

73-81

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
HOURLY

CEILING FEET	VISIBILITY STATUTE MILES:															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 2500	53.9	84.7	87.6	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 200	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
IV 100	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
IV 0	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

TOTAL NUMBER OF OBSERVATIONS 753

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
OUR

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥0.9	≥0.8	≥0.7	≥0.6	≥0.5	≥0
NO CEILING ≥ 20000	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 4500	46.8	73.9	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 697

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

2

722265

MAXWELL AFB AL

73-81

FFB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .4	≥ .3	≥ .25	≥ .2	≥ .1	≥ 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
IVIV 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
IVIV 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
IVIV 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
IVIV 12000	38.5	60.4	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
IVIV 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
IVIV 9000	39.7	63.1	64.6	65.1	65.6	65.9	66.1	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.5
IVIV 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
IVIV 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
IVIV 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
IVIV 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
IVIV 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
IVIV 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
IVIV 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
IVIV 3000	45.1	74.7	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
IVIV 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
IVIV 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
IVIV 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	86.5	86.5	86.5	86.6
IVIV 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	89.1	89.1	89.1	89.2
IVIV 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	91.4	91.4	91.4	91.5
IVIV 1000	47.3	85.1	88.1	90.0	91.6	91.8	92.3	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.9
IVIV 900	47.4	85.8	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
IVIV 800	47.4	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
IVIV 700	47.4	86.4	89.9	92.2	94.1	94.6	95.2	95.6	95.6	96.0	96.1	96.3	96.3	96.3	96.3	96.4
IVIV 600	47.4	86.5	90.1	92.7	94.6	95.0	95.7	97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.5
IVIV 500	47.4	86.6	90.5	93.0	95.0	95.4	96.1	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.1
IVIV 400	47.4	86.7	90.6	93.1	95.1	95.5	96.2	97.3	97.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5
IVIV 300	47.4	86.7	90.6	93.1	95.1	95.5	96.2	97.4	97.4	98.5	98.7	98.7	98.7	98.7	98.7	98.8
IVIV 200	47.4	86.7	90.6	93.1	95.1	95.5	96.2	97.5	97.5	98.6	98.8	98.8	98.8	98.8	98.8	98.9
IVIV 100	47.4	86.7	90.6	93.2	95.2	95.6	96.3	97.5	97.5	98.6	98.8	98.8	98.8	98.8	98.8	98.9
IVIV 0	47.4	86.7	90.6	93.2	95.2	95.6	96.3	97.5	97.5	98.6	98.8	98.8	98.8	98.8	98.8	98.9

TOTAL NUMBER OF OBSERVATIONS 8609

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

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0000
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥¼	≥0	≥0
NO CEILING ≥ 20000	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 700	24.3	74.0	81.1	84.9	88.5	89.0	90.2	90.8	90.8	91.1	91.1	91.2	91.3	91.3	91.3	91.3
IV 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
IV 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
IV 400	24.6	75.7	83.1	87.1	91.3	92.0	93.8	94.7	94.7	95.2	95.3	95.6	95.9	95.9	96.2	96.2
IV 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
IV 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
IV 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
IV 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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

9900-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.5	≥1.4	≥1	≥.6	≥.4	≥.3	≥.16	≥.	≥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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 7000	27.8	58.5	59.9	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4
IV 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
IV 5000	28.9	61.4	62.4	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4
IV 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
IV 4000	29.9	63.9	65.1	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5
IV 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
IV 3000	31.1	68.4	70.0	71.1	71.6	71.6	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8
IV 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
IV 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
IV 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
IV 1500	35.4	80.4	83.4	84.9	85.9	85.9	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6
IV 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
IV 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
IV 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
IV 800	36.7	86.5	90.3	92.1	93.2	93.2	93.9	93.9	94.0	94.1	94.4	94.4	94.4	94.4	94.4	94.4
IV 700	36.7	86.6	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
IV 600	36.7	87.0	91.0	92.8	94.1	94.1	94.9	94.9	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4
IV 500	36.7	87.2	91.6	93.5	95.0	95.0	96.5	96.9	97.2	97.5	97.7	97.7	97.7	97.7	97.7	97.8
IV 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	98.9	98.9	98.9	99.2
IV 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	99.6	99.6	99.6	99.9
IV 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	99.8	99.8	99.8	100.0
IV 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	99.8	99.8	99.8	100.0
IV 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	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 834

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265
STATION

MAXWELL AFB AL
STATION NAME

73-81
YEAR

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.4	≥.4	≥.3	≥.3	≥.2	≥.2
NO CEILING ≥ 20000	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
IVN 18000 16000	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
IVN 14000 12000	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
IVN 10000 9000	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
IVN 8000 7000	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
IVN 6000 5000	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
IVN 4500 4000	41.6	69.0	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
IVN 3500 3000	43.1	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
IVN 2500 2000	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
IVN 1800 1500	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
IVN 1200 1000	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
IVN 900 800	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
IVN 700 600	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
IVN 500 400	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
IVN 300 200	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	99.9	99.9	99.9
IVN 100 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	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 MAXWELL AFB AL

73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.4	≥.3	≥.3	≥.2	≥.2
NO CEILING ≥ 20000	34.1	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	45.8
IV 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
IV 16000	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
IV 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
IV 12000	43.7	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
IV 10000	45.8	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 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
IV 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
IV 7000	49.9	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
IV 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
IV 5000	50.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 4500	50.6	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 4000	52.1	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 3500	53.6	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	80.5	80.5
IV 3000	54.7	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	82.9
IV 2500	54.6	84.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 2000	55.9	88.2	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 1800	55.9	88.3	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 1500	56.7	88.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 1200	56.3	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 1000	56.3	90.8	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	92.0
IV 900	56.6	91.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 800	56.6	91.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 700	56.6	92.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 600	56.6	92.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 500	56.6	92.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 400	56.6	92.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 300	56.6	92.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 200	56.6	92.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 100	56.6	92.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 0	56.6	92.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5

TOTAL NUMBER OF OBSERVATIONS 437

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265
STATION

MAXWELL AFB AL
STATION NAME

73-81
YEARS

MAP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.4	≥.4	≥.3	≥.2	≥.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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 8000	46.9	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
IV 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
IV 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
IV 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
IV 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
IV 4000	50.1	80.2	80.2	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 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
IV 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
IV 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
IV 2000	51.7	87.7	88.2	88.6	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 600	52.9	92.5	94.3	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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 810

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 MAXWELL AFB AL

73-81

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	½	≥¼	≥0.16	≥0.1	≥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
IV 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
IV 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
IV 16000	39.6	60.5	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
IV 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
IV 12000	39.7	62.3	62.3	62.3	62.4	62.4	62.4	62.6	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8
IV 10000	42.6	66.2	66.2	66.2	66.4	66.4	66.4	66.5	66.5	66.5	66.6	66.8	66.8	66.8	66.8	66.8
IV 9000	42.6	66.4	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 4000	49.3	77.4	77.4	77.4	78.0	78.0	78.0	78.1	78.1	78.2	78.4	78.4	78.4	78.4	78.4	78.4
IV 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
IV 3000	51.4	82.2	82.2	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
IV 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
IV 2000	52.7	86.6	87.1	87.4	88.0	88.0	88.0	88.1	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4
IV 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
IV 1500	53.2	88.0	89.1	89.5	90.0	90.0	90.0	90.4	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7
IV 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
IV 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
IV 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
IV 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
IV 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
IV 600	54.2	91.2	93.2	94.2	96.5	96.5	97.4	98.2	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.4	≥.4	≥.4	≥.4	≥0
NO CEILING	28.2	45.3	45.9	46.3	46.5	46.5	46.6	46.6	46.6	46.6	46.6	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
IV 18000	32.8	54.0	54.6	55.0	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5
IV 16000	32.9	54.2	54.8	55.3	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7
IV 14000	33.4	55.3	55.8	56.3	56.5	56.5	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7
IV 12000	34.0	57.2	57.8	58.2	58.4	58.5	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7
IV 10000	35.7	60.5	61.2	61.6	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1
IV 9000	36.1	61.2	61.9	62.4	62.5	62.6	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8
IV 8000	37.9	64.0	64.7	65.2	65.4	65.4	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6
IV 7000	37.9	65.1	65.9	66.4	66.6	66.6	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8
IV 6000	38.5	65.9	66.7	67.2	67.5	67.5	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7
IV 5000	39.2	68.0	68.9	69.4	69.7	69.7	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

APP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
 1968

CEILING FEET.	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 7000	31.9	61.9	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
IV 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
IV 5000	32.9	63.7	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 600	35.5	77.9	84.6	88.8	91.3	91.9	93.0	93.6	93.7	93.7	93.7	93.9	95.0	95.0	95.0	95.3
IV 500	35.5	78.1	84.8	89.0	91.6	92.1	94.5	95.3	95.4	95.4	95.5	95.5	95.7	95.9	95.9	96.3
IV 400	35.5	78.1	84.8	89.0	91.6	92.1	94.5	95.3	95.4	95.5	95.5	95.8	97.0	97.4	97.5	98.3
IV 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
IV 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
IV 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	98.8	99.9
IV 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	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 761

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 LST

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.4	≥.4	≥.5 to 1.0	≥.4	≥0
NO CEILING ≥ 20000	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
IV 18000	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
IV 16000	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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	99.6	99.9	100.0	100.0
IV 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	99.6	99.9	100.0	100.0
IV 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	99.6	99.9	100.0	100.0
IV 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	99.6	99.9	100.0	100.0
IV 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	99.6	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 807

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
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
IV 20000	44.8	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
IV 18000	44.8	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
IV 16000	44.8	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
IV 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
IV 12000	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
IV 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
IV 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
IV 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
IV 7000	48.1	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 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
IV 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
IV 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
IV 4000	50.1	80.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 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
IV 3000	53.3	87.5	88.6	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 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
IV 2000	54.6	91.0	92.5	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1800	54.8	91.2	93.0	93.6	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2
IV 1500	55.3	92.1	94.1	95.1	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8
IV 1200	55.4	93.5	95.2	96.5	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7
IV 1000	55.4	93.8	95.7	97.2	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3
IV 900	55.4	93.8	95.7	97.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8
IV 800	55.4	93.8	95.8	97.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.9	98.9	98.9	98.9	98.9
IV 700	55.6	94.0	96.0	97.7	98.8	98.8	99.0	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
IV 600	55.6	94.1	96.4	98.1	99.1	99.1	99.3	99.3	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9
IV 500	55.6	94.1	96.4	98.1	99.1	99.1	99.3	99.3	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9
IV 400	55.6	94.1	96.4	98.1	99.1	99.1	99.3	99.3	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9
IV 300	55.6	94.1	96.4	98.1	99.1	99.1	99.3	99.3	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9
IV 200	55.6	94.1	96.4	98.1	99.1	99.1	99.3	99.3	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9
IV 100	55.6	94.1	96.4	98.1	99.1	99.1	99.3	99.3	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9
IV 0	55.6	94.1	96.4	98.1	99.1	99.1	99.3	99.3	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 810

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 LT

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.15	≥.1
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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 2000	59.6	94.2	95.3	96.5	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
IV 1800	59.6	94.3	95.4	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2
IV 1500	59.7	94.4	95.6	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 MAXWELL AFB AL

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
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	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
IV 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
IV 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
IV 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
IV 12000	49.2	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
IV 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
IV 9000	52.2	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
IV 8000	53.0	80.6	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
IV 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
IV 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
IV 5000	54.5	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 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
IV 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
IV 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
IV 3000	57.4	91.6	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
IV 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
IV 2000	57.6	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 600	58.4	96.4	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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

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
GROUP 1

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
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
IV 18000	51.3	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 600	58.2	96.5	98.0	98.4	99.1	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

USE WITH CAUTION
 SEE FIRST PAGE

CEILING VERSUS VISIBILITY

722265 MAXWELL AFB AL

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	≥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
IV 20000	42.5	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
IV 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
IV 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
IV 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	68.1	68.1	68.1	68.1
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 5000	47.5	77.4	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
IV 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
IV 4000	48.9	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
IV 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
IV 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
IV 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
IV 2000	51.4	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 400	52.3	92.0	94.8	96.7	97.8	98.0	98.8	99.1	99.2	99.3	99.3	99.4	99.5	99.6	99.6	99.7
IV 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
IV 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
IV 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
IV 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 MAXWELL AFB AL

73-74, 76, 78-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

7300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥.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
W 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
W 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
W 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
W 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
W 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
W 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
W 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
W 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
W 7000	12.0	38.0	44.7	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
W 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
W 5000	13.9	41.7	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
W 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
W 4000	13.9	45.6	53.8	60.8	67.7	69.6	75.3	76.0	77.2	78.5	78.5	78.5	79.1	79.1	79.1	79.7
W 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
W 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
W 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
W 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
W 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
W 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
W 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
W 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
W 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
W 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
W 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
W 600	15.2	55.1	65.2	73.4	81.0	82.9	89.2	91.1	92.4	93.7	93.7	93.7	94.3	94.3	94.3	95.6
W 500	15.2	55.1	65.2	73.4	81.0	82.9	89.2	91.1	92.4	93.7	93.7	93.7	94.3	94.3	94.3	95.6
W 400	15.2	55.1	65.2	73.4	81.0	82.9	89.2	91.1	92.4	93.7	93.7	93.7	94.3	94.3	94.3	95.6
W 300	15.2	55.1	65.2	73.4	81.0	82.9	89.2	91.1	92.4	93.7	93.7	93.7	94.3	94.3	94.3	95.6
W 200	15.2	55.1	65.2	73.4	81.0	82.9	89.2	91.1	92.4	93.7	93.7	93.7	94.3	94.3	94.3	95.6
W 100	15.2	55.1	65.2	73.4	81.0	82.9	89.2	91.1	92.4	93.7	93.7	93.7	94.3	94.3	94.3	95.6
W 0	15.2	55.1	65.2	73.4	81.0	82.9	89.2	91.1	92.4	93.7	93.7	93.7	94.3	94.3	94.3	95.6

TOTAL NUMBER OF OBSERVATIONS 158

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)

0600-0000
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.4	≥.4	≥.4	≥.4	≥.4
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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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 819

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 MAXWELL AFB AL

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥27	≥2	≥1 1/2	≥1 1/4	≥1	≥ 3/4	≥ 2/3	≥ 1/2	≥ 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
IV 20000	21.8	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
IV 18000	21.8	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
IV 16000	21.8	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
IV 14000	21.8	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
IV 12000	21.8	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
IV 10000	22.8	62.1	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
IV 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
IV 8000	24.4	66.7	69.5	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 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
IV 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
IV 5000	25.3	71.7	74.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 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
IV 4000	25.3	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
IV 3500	25.7	74.5	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
IV 3000	25.9	77.3	80.6	83.4	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 2500	26.7	78.6	82.2	85.5	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 2000	27.4	81.6	85.4	88.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 1800	27.4	82.2	85.6	89.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 1500	28.1	85.0	88.6	92.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 1200	28.7	87.2	91.1	95.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1000	28.8	87.6	91.6	95.7	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 900	28.8	88.1	92.4	96.3	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 800	28.8	88.1	92.4	96.3	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 700	28.8	88.1	92.4	96.3	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 600	28.8	88.1	92.4	96.3	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 500	28.8	88.1	92.4	96.3	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 400	28.8	88.1	92.4	96.3	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 300	28.8	88.1	92.4	96.3	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 200	28.8	88.1	92.4	96.3	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 100	28.8	88.1	92.4	96.3	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 0	28.8	88.1	92.4	96.3	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS 833

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)

1200-1800
HOURS LT

CEILING FEET	VISIBILITY /STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.4	≥.3	≥.16	≥.1	≥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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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	70.7	70.8	70.8	70.8
IV 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	72.5	72.6	72.6	72.6
IV 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	75.2	75.4	75.4	75.4
IV 7000	32.8	75.6	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	77.0	77.0	77.0
IV 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	78.4	78.5	78.5	78.5
IV 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	81.7	81.9	81.9	81.9
IV 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	82.8	82.9	82.9	82.9
IV 4000	34.5	83.9	85.0	85.4	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2
IV 3500	35.5	87.4	88.8	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0
IV 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	93.0	93.1	93.1	93.1
IV 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	94.7	94.8	94.8	94.8
IV 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	96.6	96.8	96.8	96.8
IV 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	96.8	96.9	96.9	96.9
IV 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	97.8	98.0	98.0	98.0
IV 1200	38.6	94.2	97.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8
IV 1000	38.6	94.4	97.2	98.2	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.2	99.2	99.3	99.3
IV 900	38.6	94.4	97.2	98.2	98.9	98.9	98.9	98.9	98.9	99.0	99.2	99.3	99.3	99.4	99.4	99.4
IV 800	38.6	94.4	97.2	98.2	98.9	98.9	98.9	98.9	98.9	99.0	99.2	99.3	99.3	99.5	99.5	99.5
IV 700	38.6	94.4	97.2	98.2	98.9	98.9	98.9	98.9	98.9	99.0	99.2	99.3	99.3	99.5	99.5	99.5
IV 600	38.6	94.4	97.2	98.2	98.9	98.9	98.9	98.9	98.9	99.0	99.3	99.4	99.4	99.6	99.6	99.6
IV 500	38.6	94.4	97.2	98.2	98.9	98.9	98.9	98.9	98.9	99.0	99.3	99.4	99.4	99.8	99.8	99.8
IV 400	38.6	94.4	97.2	98.2	98.9	98.9	98.9	98.9	98.9	99.0	99.4	99.5	99.5	99.9	99.9	99.9
IV 300	38.6	94.4	97.2	98.2	98.9	98.9	98.9	98.9	98.9	99.0	99.4	99.5	99.5	99.9	99.9	99.9
IV 200	38.6	94.4	97.2	98.2	98.9	98.9	98.9	98.9	98.9	99.0	99.2	99.4	99.5	99.5	100.0	100.0
IV 100	38.6	94.4	97.2	98.2	98.9	98.9	98.9	98.9	98.9	99.0	99.2	99.4	99.5	99.5	100.0	100.0
IV 0	38.6	94.4	97.2	98.2	98.9	98.9	98.9	98.9	98.9	99.0	99.2	99.4	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 832

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.4	≥.4	≥.4	≥.4	≥.4
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
IVW 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
IVW 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
IVW 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
IVW 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
IVW 10000	35.1	75.1	75.6	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
IVW 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
IVW 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
IVW 7000	36.8	81.4	82.7	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
IVW 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
IVW 5000	37.5	84.9	86.6	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
IVW 4500	37.8	85.7	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IVW 4000	38.4	88.2	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IVW 3500	39.0	90.9	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IVW 3000	39.4	92.2	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IVW 2500	40.3	93.9	96.2	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IVW 2000	40.8	94.8	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IVW 1800	40.9	95.0	97.6	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IVW 1500	41.0	95.2	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IVW 1200	41.0	95.2	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IVW 1000	41.0	95.2	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IVW 900	41.0	95.2	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IVW 800	41.0	95.2	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IVW 700	41.0	95.2	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IVW 600	41.0	95.2	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IVW 500	41.0	95.2	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IVW 400	41.0	95.2	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IVW 300	41.0	95.2	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IVW 200	41.0	95.2	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IVW 100	41.0	95.2	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IVW 0	41.0	95.2	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 150

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
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
IV 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
IV 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
IV 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
IV 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
IV 10000	35.6	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
IV 9000	36.7	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
IV 8000	37.1	83.6	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 3000	39.4	92.8	94.6	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 1000	40.1	95.4	97.8	98.3	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
IV 900	40.2	95.5	97.9	98.4	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
IV 800	40.2	95.6	98.1	98.5	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
IV 700	40.3	95.7	98.2	98.7	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 600	40.3	95.7	98.2	98.7	99.5	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 500	40.3	95.7	98.2	98.7	99.5	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 400	40.3	95.7	98.2	98.7	99.5	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 300	40.3	95.7	98.2	98.7	99.5	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 200	40.3	95.7	98.2	98.7	99.5	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 100	40.3	95.7	98.2	98.7	99.5	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 0	40.3	95.7	98.2	98.7	99.5	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 821

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
MOON TYPE

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.1	≥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	74.8	75.2	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 7000	37.1	89.8	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
IV 6000	37.5	85.7	86.6	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
IV 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
IV 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
IV 4000	38.2	90.3	91.8	92.1	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 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
IV 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
IV 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
IV 2000	39.7	94.9	96.2	96.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1800	39.7	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
IV 1500	39.7	95.4	97.6	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
IV 1200	39.7	95.4	97.6	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
IV 1000	39.7	95.4	97.6	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
IV 900	39.7	95.4	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
IV 800	39.7	95.4	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
IV 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
IV 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
IV 500	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
IV 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
IV 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
IV 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
IV 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
IV 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 507

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

USE WITH CAUTION
 SEE FIRST PAGE

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
 HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.4	≥.2	≥.1	≥.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
IV 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
IV 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
IV 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
IV 12000	26.6	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 900	32.9	86.7	91.1	94.1	96.1	96.6	97.1	97.4	97.7	97.7	97.8	97.9	97.9	97.9	97.9	98.0
IV 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
IV 700	33.0	86.9	91.5	94.5	96.7	97.2	97.9	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 600	33.0	86.9	91.5	94.5	96.7	97.2	97.9	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 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
IV 400	33.0	86.9	91.6	94.6	96.8	97.3	98.1	98.7	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.5
IV 300	33.0	86.9	91.6	94.6	96.8	97.4	98.2	98.7	99.0	99.3	99.5	99.5	99.6	99.7	99.7	99.8
IV 200	33.0	86.9	91.6	94.6	96.8	97.4	98.2	98.7	99.0	99.3	99.6	99.6	99.8	99.8	99.9	100.0
IV 100	33.0	86.9	91.6	94.6	96.8	97.4	98.2	98.7	99.0	99.3	99.6	99.6	99.8	99.8	99.9	100.0
IV 0	33.0	86.9	91.6	94.6	96.8	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

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73, 75-76, 78-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS LST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO CEILING	6.0	29.0	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 4500	9.1	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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	98.0	98.0
IV 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	98.0	98.0
IV 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	98.0	98.0
IV 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	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS 151

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥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	55.2	59.7	64.1	66.4	67.9	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV N 18000	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
IV N 16000	11.8	48.2	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
IV N 14000	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
IV N 12000	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
IV N 10000	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
IV N 9000	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
IV N 8000	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
IV N 7000	12.2	55.6	64.7	69.6	74.5	77.2	78.7	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV N 6000	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
IV N 5000	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
IV N 4500	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
IV N 4000	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
IV N 3500	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
IV N 3000	12.2	59.8	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
IV N 2500	12.2	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
IV N 2000	12.2	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
IV N 1800	12.2	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
IV N 1500	12.2	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
IV N 1200	12.2	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
IV N 1000	12.2	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
IV N 900	12.8	66.5	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
IV N 800	12.8	67.8	78.4	84.1	89.6	92.2	94.2	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV N 700	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
IV N 600	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
IV N 500	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
IV N 400	13.0	69.3	81.1	87.2	92.7	95.4	97.9	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV N 300	13.0	69.3	81.1	87.3	93.0	95.9	98.1	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV N 200	13.0	69.3	81.1	87.3	93.0	95.9	98.1	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV N 100	13.0	69.3	81.1	87.3	93.0	95.9	98.1	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV N 0	13.0	69.3	81.1	87.3	93.0	95.9	98.1	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 792

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
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
IV 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
IV 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
IV 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	73.4	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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	87.4	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
IV 1200	25.3	88.8	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
IV 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
IV 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	98.9	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 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
IV 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
IV 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

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
 HOUR

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.7	≥1.4	≥1	≥.7	≥.5	≥.36	≥.3	≥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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 9000	28.6	76.1	77.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 2500	32.5	93.1	95.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 2000	32.7	94.0	96.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1800	32.7	94.0	96.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1500	32.7	94.1	96.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1200	32.8	94.6	97.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	32.8	94.6	97.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	32.8	94.6	97.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	32.8	94.6	97.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	32.8	94.6	97.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	32.8	94.6	97.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	32.8	94.6	97.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	32.8	94.6	97.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	32.8	94.6	97.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	32.8	94.6	97.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	32.8	94.6	97.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	32.8	94.6	97.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 801

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 3500	35.7	91.1	93.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
IV 3000	36.1	93.9	96.3	98.0	98.3	98.3	98.3	98.3	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6
IV 2500	36.1	94.3	96.6	98.4	98.8	98.8	98.8	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1
IV 2000	36.1	94.5	96.9	98.6	99.0	99.0	99.0	99.0	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4
IV 1800	36.1	94.5	96.9	98.6	99.0	99.0	99.0	99.0	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4
IV 1500	36.1	94.6	97.1	98.9	99.3	99.3	99.3	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	36.2	94.8	97.3	99.0	99.4	99.4	99.4	99.4	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8
IV 1000	36.3	94.9	97.4	99.1	99.5	99.5	99.5	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0
IV 900	36.3	94.9	97.4	99.1	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0
IV 800	36.3	94.9	97.4	99.1	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0
IV 700	36.3	94.9	97.4	99.1	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0
IV 600	36.3	94.9	97.4	99.1	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0
IV 500	36.3	94.9	97.4	99.1	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0
IV 400	36.3	94.9	97.4	99.1	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0
IV 300	36.3	94.9	97.4	99.1	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0
IV 200	36.3	94.9	97.4	99.1	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0
IV 100	36.3	94.9	97.4	99.1	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0
IV 0	36.3	94.9	97.4	99.1	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 801

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 MAXWELL AFB AL

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥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
IV 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
IV 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
IV 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
IV 14000	30.9	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
IV 12000	31.7	79.5	81.1	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
IV 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
IV 9000	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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

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	≥ ½	≥ ¼	≥ 1/16	≥ .	≥ 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.4	≥.3	≥.16	≥.1	≥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
IV 20000	23.9	66.7	69.7	72.2	73.4	74.0	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 500	28.8	88.1	92.9	96.0	97.8	98.6	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	28.8	88.1	92.9	96.0	97.9	98.7	99.3	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8
IV 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	99.8	99.9	99.9
IV 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	99.8	99.9	99.9	100.0
IV 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	99.8	99.9	99.9	100.0
IV 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	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 8690

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

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
HOURLY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥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
IV 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
IV 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
IV 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
IV 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
IV 12000	5.1	33.7	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
IV 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
IV 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
IV 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
IV 7000	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
IV 6000	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 1000	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
IV 900	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
IV 800	7.0	44.6	54.8	68.2	77.7	86.6	89.2	90.4	92.4	92.4	92.4	93.0	93.6	93.6	93.6	93.6
IV 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
IV 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
IV 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	98.1	98.1	98.1
IV 400	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	98.1	98.1	98.1
IV 300	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	98.1	98.1	98.1
IV 200	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	98.1	98.1	98.1
IV 100	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	98.1	98.1	98.1
IV 0	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	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS 157

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 MAXWELL AFB AL

73-81

IIII

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.75	≥.7	≥.6	
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
IV 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
IV 18000	5.3	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
IV 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
IV 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
IV 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
IV 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
IV 9000	6.0	38.3	50.0	59.8	67.8	70.2	71.9	72.8	73.0	73.1	73.3	73.4	73.4	73.4	73.6	73.6
IV 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
IV 7000	6.2	40.2	52.3	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
IV 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
IV 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
IV 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
IV 4000	6.6	42.1	54.1	64.2	72.8	75.3	77.0	78.0	78.1	78.2	78.5	78.6	78.6	78.6	78.7	78.7
IV 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
IV 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
IV 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
IV 2000	6.7	43.1	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 800	7.1	49.4	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
IV 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
IV 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
IV 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
IV 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
IV 300	7.1	51.3	66.6	78.6	89.7	93.4	95.6	97.4	97.6	98.3	98.7	98.8	98.9	99.0	99.3	99.5
IV 200	7.1	51.3	66.6	78.6	89.7	93.5	95.7	97.5	97.7	98.4	98.9	99.0	99.2	99.3	99.6	99.9
IV 100	7.1	51.3	66.6	78.6	89.7	93.5	95.7	97.5	97.7	98.4	99.0	99.2	99.3	99.4	99.8	100.0
IV 0	7.1	51.3	66.6	78.6	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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265
STATION

MAXWELL AFB AL
STATION NAME

73-81
YEAR

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100
TIME

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0.1	≥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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 5000	12.6	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 2000	14.1	75.7	83.4	86.4	88.5	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 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
IV 1500	14.3	78.4	86.1	89.4	91.4	91.5	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 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
IV 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
IV 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
IV 800	14.3	82.4	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
IV 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
IV 600	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
IV 500	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
IV 400	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
IV 300	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
IV 200	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
IV 100	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
IV 0	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

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72265 MAXWELL AFB AL

73-81

III

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0	≥0
NO CEILING	12.2	50.8	53.8	54.6	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 9000	20.5	73.7	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
IV 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
IV 7000	20.6	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
IV 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
IV 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
IV 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
IV 4000	21.6	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
IV 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	90.0	90.2	90.2	90.2
IV 3000	24.1	87.4	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
IV 2500	24.4	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
IV 2000	24.6	89.0	94.3	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
IV 1800	24.6	89.0	94.3	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
IV 1500	24.6	89.0	94.3	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
IV 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
IV 1000	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
IV 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
IV 800	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
IV 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
IV 600	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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

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	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 4000	28.0	84.0	89.0	90.2	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7
IV 3500	28.5	86.7	91.6	93.1	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7
IV 3000	29.0	88.7	93.9	95.4	96.6	96.7	97.0	97.0	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 900	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
IV 800	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
IV 700	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
IV 600	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
IV 500	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
IV 400	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
IV 300	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
IV 200	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
IV 100	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
IV 0	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

TOTAL NUMBER OF OBSERVATIONS 824

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

1965-1977

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 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
IVM 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
IVM 16000	21.4	65.8	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
IVM 14000	22.3	67.6	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
IVM 12000	23.4	70.2	72.8	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
IVM 10000	24.8	77.7	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
IVM 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
IVM 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
IVM 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
IVM 6000	26.9	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
IVM 5000	26.9	83.7	86.4	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
IVM 4500	26.9	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
IVM 4000	27.3	86.7	90.8	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
IVM 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
IVM 3000	27.9	89.3	93.8	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
IVM 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
IVM 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
IVM 1800	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
IVM 1500	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
IVM 1200	28.2	91.7	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
IVM 1000	28.2	91.4	96.0	97.7	98.9	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVM 900	28.2	91.4	96.0	97.7	98.9	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVM 800	28.2	91.4	96.0	97.7	98.9	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVM 700	28.2	91.4	96.0	97.7	98.9	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVM 600	28.2	91.4	96.0	97.7	98.9	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVM 500	28.2	91.4	96.0	97.7	98.9	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVM 400	28.2	91.4	96.0	97.7	98.9	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVM 300	28.2	91.4	96.0	97.7	98.9	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVM 200	28.2	91.4	96.0	97.7	98.9	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVM 100	28.2	91.4	96.0	97.7	98.9	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVM 0	28.2	91.4	96.0	97.7	98.9	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS _____ 822

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

JUL

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	¾	¾	¾	≥.16	≥.1	≥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	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	77.6
IV 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	77.6
IV 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	78.0
IV 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	79.3
IV 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	81.1
IV 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	85.8
IV 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	86.2
IV 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	87.8
IV 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	88.5
IV 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	89.3
IV 5000	27.8	82.5	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	90.2
IV 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	91.5
IV 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	93.6
IV 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	94.7
IV 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	95.8
IV 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	96.7
IV 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	97.5
IV 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	97.8
IV 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	98.2
IV 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	98.7
IV 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	99.1
IV 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	99.6
IV 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	99.8
IV 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	99.8
IV 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	100.0
IV 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	100.0
IV 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	100.0
IV 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	100.0
IV 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	100.0
IV 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	100.0
IV 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	100.0

TOTAL NUMBER OF OBSERVATIONS 550

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

USE WITH CAUTION
 SEE FIRST PAGE

CEILING VERSUS VISIBILITY

722265 MAXWELL AFB AL STATION NAME

73-81 YEARS

111 MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.4	≥.7	≥.16	≥.4	≥.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
IV 20000	16.1	57.3	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 9000	18.6	66.8	72.4	75.4	77.9	78.6	79.2	79.3	79.8	79.8	79.8	79.5	79.5	79.5	79.5	79.5
IV 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
IV 7000	19.1	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
IV 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
IV 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
IV 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
IV 4000	19.5	72.8	79.0	82.4	85.0	85.8	86.4	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8
IV 3500	20.3	74.3	80.8	84.3	87.0	87.7	88.4	88.6	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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	98.2	98.2	98.2
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73.75-76.78-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ 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
IV 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
IV 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
IV 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
IV 12000	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 200	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
IV 100	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
IV 0	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

TOTAL NUMBER OF OBSERVATIONS 138

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)

0600-2400
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 6000	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
IV 5000	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
IV 4500	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
IV 4000	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
IV 3500	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
IV 3000	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
IV 2500	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
IV 2000	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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

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
USAFETAC/OS-82/081 SBT-AD-EDSO 300

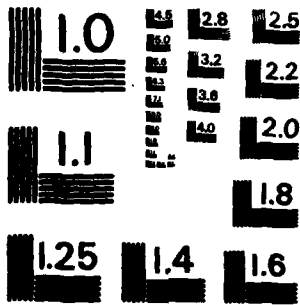
3/5

UNCLASSIFIED

F/B 4/2

NL

The table consists of 10 columns and 10 rows. The top-left cell is empty. The rest of the table is filled with black redaction marks, obscuring the data. The redaction covers the entire grid area from the second row to the tenth row, and from the second column to the tenth column.



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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 MAXWELL AFB AL

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0.1	≥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
IV 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
IV 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
IV 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
IV 14000	16.5	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
IV 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
IV 10000	17.6	70.5	75.8	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
IV 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
IV 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
IV 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
IV 6000	18.4	72.9	77.8	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
IV 5000	18.2	73.4	78.6	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
IV 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
IV 4000	18.3	74.4	79.7	83.3	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 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
IV 3000	19.4	77.4	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
IV 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
IV 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
IV 1800	19.6	80.9	86.5	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
IV 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
IV 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
IV 1000	20.6	86.3	92.8	97.4	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 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
IV 800	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
IV 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
IV 600	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
IV 500	20.9	87.2	94.0	98.4	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	20.9	87.2	94.0	98.4	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	20.9	87.2	94.0	98.4	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 200	20.9	87.2	94.0	98.4	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 100	20.9	87.2	94.0	98.4	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 0	20.9	87.2	94.0	98.4	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 817

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-151

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 6000	30.2	80.1	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 2500	33.5	91.6	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
IV 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
IV 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
IV 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
IV 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
IV 1000	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
IV 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
IV 800	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
IV 700	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
IV 600	34.1	94.0	97.5	98.8	99.3	99.5	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	34.1	94.0	97.5	98.8	99.3	99.5	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	34.1	94.0	97.5	98.8	99.3	99.5	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	34.1	94.0	97.5	98.8	99.3	99.5	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	34.1	94.0	97.5	98.8	99.3	99.5	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	34.1	94.0	97.5	98.8	99.3	99.5	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	34.1	94.0	97.5	98.8	99.3	99.5	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 817

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

AME

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥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
IN 20000	27.7	66.5	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
IN 18000	28.3	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
IN 16000	28.3	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
IN 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
IN 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
IN 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
IN 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
IN 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
IN 7000	33.1	80.4	84.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IN 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
IN 5000	33.5	81.7	85.7	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
IN 4500	33.6	82.0	86.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IN 4000	34.7	83.0	87.0	88.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IN 3500	34.9	87.0	91.0	92.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IN 3000	35.0	89.0	92.0	95.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IN 2500	35.5	90.1	95.1	96.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IN 2000	35.7	91.2	96.2	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IN 1800	35.7	91.2	96.2	98.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IN 1500	35.7	91.5	96.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IN 1200	35.7	91.6	97.0	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IN 1000	35.7	91.6	97.0	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IN 900	35.7	91.6	97.0	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IN 800	35.7	91.6	97.0	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IN 700	35.7	91.6	97.0	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IN 600	35.7	91.6	97.0	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IN 500	35.7	91.6	97.0	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IN 400	35.7	91.6	97.0	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IN 300	35.7	91.6	97.0	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IN 200	35.7	91.6	97.0	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IN 100	35.7	91.6	97.0	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IN 0	35.7	91.6	97.0	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS - LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥.	≥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
IV 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
IV 16000	24.4	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 3000	31.6	89.2	94.4	97.1	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 2500	31.6	89.4	94.5	97.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 2000	31.6	90.0	95.1	98.0	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1800	31.6	90.2	95.3	98.2	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1500	31.6	90.4	95.6	98.6	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1200	31.6	90.4	95.6	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1000	31.6	90.4	95.6	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 900	31.6	90.4	95.6	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	31.6	90.4	95.6	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	31.6	90.4	95.6	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	31.6	90.4	95.6	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	31.6	90.4	95.6	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	31.6	90.4	95.6	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	31.6	90.4	95.6	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	31.6	90.4	95.6	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	31.6	90.4	95.6	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	31.6	90.4	95.6	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 836

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 MAXWELL AFB AL STATION NAME

73-81 YEARS

AUG
 2100-2300
 HOUR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥½	≥¼	≥0
NO CEILING	23.3	59.1	60.4	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 9000	28.2	79.4	81.9	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 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
IV 7000	29.6	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
IV 6000	29.6	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
IV 5000	30.2	85.8	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
IV 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
IV 4000	30.4	87.0	89.8	92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 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
IV 3000	31.1	89.9	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
IV 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
IV 2000	31.1	90.0	93.3	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
IV 1800	31.1	90.0	93.3	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
IV 1500	31.1	90.0	93.3	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
IV 1200	31.1	90.0	93.5	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
IV 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
IV 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
IV 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
IV 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
IV 600	31.1	91.1	95.2	98.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	31.1	91.1	95.2	98.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	31.1	91.1	95.2	98.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	31.1	91.1	95.2	98.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	31.1	91.1	95.2	98.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	31.1	91.1	95.2	98.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	31.1	91.1	95.2	98.8	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 563

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

USE WITH CAUTION
 SEE FIRST PAGE

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
 HOURS 1-24

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥4	≥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
IV 20000	20.2	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
IV 18000	20.2	61.0	65.3	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
IV 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
IV 14000	20.4	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
IV 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
IV 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
IV 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
IV 8000	23.7	71.4	76.4	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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	89.4	89.5	89.5	89.5
IV 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
IV 2500	25.5	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
IV 2000	25.5	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
IV 1800	25.5	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
IV 1500	25.6	80.8	86.8	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
IV 1200	25.5	81.5	87.6	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
IV 1000	25.5	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
IV 900	25.5	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
IV 800	26.0	82.5	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
IV 700	26.0	82.5	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
IV 600	26.0	82.6	89.4	94.6	96.8	97.8	98.3	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.1	99.1
IV 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
IV 400	26.0	82.7	89.7	94.9	97.3	98.3	98.9	99.2	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 300	26.0	82.7	89.7	94.9	97.3	98.3	98.9	99.2	99.4	99.6	99.7	99.7	99.7	99.8	99.9	99.9
IV 200	26.0	82.7	89.7	94.9	97.3	98.3	98.9	99.2	99.4	99.6	99.7	99.7	99.7	99.8	99.9	99.9
IV 100	26.0	82.7	89.7	94.9	97.3	98.3	98.9	99.2	99.4	99.6	99.7	99.7	99.7	99.8	99.9	99.9
IV 0	26.0	82.7	89.7	94.9	97.3	98.3	98.9	99.2	99.4	99.6	99.7	99.7	99.7	99.8	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 8895

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

74.76.78-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO CEILING ≥ 20000	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
IV 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
IV 16000	2.4	30.4	42.4	48.8	50.4	53.6	58.4	60.0	60.0	62.4	62.4	63.2	63.2	63.2	63.2	63.2
IV 14000	2.4	30.4	42.4	48.8	50.4	53.6	58.4	60.0	60.0	62.4	62.4	63.2	63.2	63.2	63.2	63.2
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 3000	2.4	40.8	54.4	63.2	65.6	68.8	73.6	77.6	77.6	79.2	79.2	80.0	80.0	80.0	80.0	80.0
IV 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
IV 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
IV 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
IV 1500	3.2	44.0	60.0	68.8	73.6	78.4	81.6	84.8	84.8	86.4	86.4	87.2	87.2	87.2	87.2	87.2
IV 1200	4.0	44.0	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
IV 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
IV 900	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
IV 800	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
IV 700	4.0	46.4	63.2	72.8	80.0	84.0	88.8	92.0	92.0	93.6	93.6	94.4	94.4	94.4	94.4	94.4
IV 600	4.0	46.4	63.2	72.8	80.0	84.0	88.8	92.0	92.0	93.6	93.6	94.4	94.4	94.4	94.4	94.4
IV 500	4.0	46.4	64.0	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
IV 400	4.0	46.4	64.0	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
IV 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
IV 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	98.4	98.4
IV 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	98.4	98.4
IV 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	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 125

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥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	30.7	36.6	42.8	47.5	49.8	51.0	52.2	52.6	53.0	53.0	53.0	53.3	53.3	53.3	53.7
IV 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
IV 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
IV 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
IV 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	57.8	57.8	57.8	57.8
IV 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
IV 9000	6.1	34.3	41.8	49.0	54.3	56.8	58.5	60.1	60.6	61.1	61.1	61.3	61.8	61.8	61.8	62.1
IV 8000	6.3	36.3	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
IV 7000	6.3	36.4	45.4	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
IV 6000	6.3	37.3	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
IV 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
IV 4500	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
IV 4000	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
IV 3500	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
IV 3000	6.3	38.1	48.5	56.6	62.9	65.7	67.8	69.6	70.2	70.8	70.8	70.9	71.5	71.5	71.5	71.9
IV 2500	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
IV 2000	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
IV 1800	7.9	42.6	53.2	61.8	67.9	70.6	73.0	74.8	75.8	76.0	76.0	76.1	76.7	76.9	76.9	77.2
IV 1500	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
IV 1200	8.2	45.5	56.7	65.3	71.5	74.4	76.7	78.5	79.1	79.7	79.7	79.8	80.4	80.6	80.6	80.9
IV 1000	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
IV 900	8.9	49.1	61.3	70.2	76.4	79.3	81.9	83.7	84.7	85.3	85.3	85.4	86.0	86.1	86.1	86.5
IV 800	8.9	51.0	62.6	71.9	78.3	81.3	83.8	86.0	86.8	87.4	87.4	87.5	88.1	88.2	88.2	88.6
IV 700	9.0	51.5	63.4	72.5	79.3	82.3	84.8	87.0	87.7	88.3	88.3	88.4	89.2	89.3	89.3	89.7
IV 600	9.0	52.0	64.2	74.4	80.9	84.0	86.3	88.7	89.5	90.1	90.2	90.3	91.0	91.1	91.1	91.5
IV 500	9.0	52.5	64.7	75.0	81.5	84.7	87.1	90.1	90.8	91.5	91.6	91.7	92.3	92.5	92.5	92.8
IV 400	9.0	52.8	65.6	76.3	83.9	87.3	90.2	92.8	93.7	94.3	94.4	94.6	95.2	95.3	95.3	95.7
IV 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	97.8	98.3	98.4	99.1
IV 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
IV 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
IV 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 808

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100
MOON 1.11

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅓	≥0.16	≥0	≥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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 4500	15.6	59.4	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
IV 4000	15.6	60.4	67.5	70.4	71.9	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 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
IV 3000	17.1	62.9	69.8	73.1	74.4	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 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
IV 2000	18.6	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
IV 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
IV 1500	19.5	73.5	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
IV 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
IV 1000	20.6	78.4	87.4	91.4	93.9	94.2	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 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
IV 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
IV 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
IV 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	98.6	98.6	98.6	98.6
IV 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	99.3	99.3	99.3	99.3
IV 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	99.9	99.9	99.9	99.9
IV 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	99.9	99.9	99.9	99.9
IV 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	99.9	99.9	99.9	99.9
IV 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	99.9	99.9	99.9	99.9
IV 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	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 809

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 MAXWELL AFB AL

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	17.4	46.8	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
IV N 18000 16000	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
IV N 14000 12000	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
IV N 10000 9000	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
IV N 8000 7000	24.6	69.0	72.3	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
IV N 6000 5000	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
IV N 4500 4000	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
IV N 3500 3000	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
IV N 2500 2000	29.9	84.7	88.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV N 1800 1500	31.0	87.7	91.6	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV N 1200 1000	31.6	89.4	93.6	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV N 900 800	32.0	90.8	94.9	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV N 700 600	32.1	91.0	95.8	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV N 500 400	32.1	91.0	96.0	97.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV N 300 200	32.1	91.0	96.0	97.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV N 100 0	32.1	91.0	96.0	97.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅓	≥⅓	≥⅓	≥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
≥ 2000	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
IV 1800	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
IV 1600	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
IV 1400	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
IV 1200	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
IV 1000	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
IV 900	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
IV 800	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
IV 700	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
IV 600	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
IV 500	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
IV 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
IV 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
IV 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
IV 3000	33.8	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 800	35.9	91.7	95.2	96.7	97.8	98.0	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 700	35.9	91.7	95.2	96.7	97.8	98.0	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 600	35.9	91.8	95.4	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
IV 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
IV 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	99.9	99.9
IV 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	99.9	99.9
IV 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	99.9	99.9
IV 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	99.9	99.9
IV 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	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 808

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 MAXWELL AFB AL

73-81 YEARS

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0	≥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
IV 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
IV 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
IV 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
IV 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
IV 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	79.4	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
IV 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
IV 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
IV 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
IV 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
IV 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	88.4	93.4	95.1	95.9	95.9	96.4	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 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
IV 700	28.4	88.9	94.1	96.0	96.8	96.8	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
600	28.4	89.2	94.4	96.9	97.7	97.7	98.4	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 500	28.7	89.4	94.8	97.2	98.4	98.4	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
400	28.7	89.4	94.8	97.2	98.4	98.4	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	28.7	89.4	94.8	97.2	98.4	98.4	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	28.7	89.4	94.8	97.2	98.4	98.4	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	28.7	89.4	94.8	97.2	98.4	98.4	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	28.7	89.4	94.8	97.2	98.4	98.4	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 809

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY - STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4	
NO CEILING ≥ 20000	18.0	57.9	61.4	61.4	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3
IV 18000	20.2	66.4	70.2	70.4	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3
IV 16000	20.2	66.5	70.4	70.4	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5
IV 14000	20.2	67.1	71.3	71.5	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4
IV 12000	21.1	69.9	74.1	74.3	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2
IV 10000	21.7	74.3	78.9	79.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5
IV 9000	21.9	75.4	80.0	80.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6
IV 8000	22.8	78.5	83.1	83.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1
IV 7000	22.8	78.5	83.1	83.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1
IV 6000	23.2	79.2	83.8	84.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8
IV 5000	23.9	80.7	85.3	86.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5
IV 4500	23.9	81.1	85.7	86.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.9	87.9	87.9	87.9	87.9	87.9
IV 4000	24.3	81.6	86.2	86.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4
IV 3500	24.3	82.7	87.5	88.4	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3
IV 3000	24.6	83.3	88.1	89.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8
IV 2500	24.8	84.0	88.8	89.7	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5
IV 2000	24.6	85.3	90.4	91.5	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4
IV 1800	24.8	85.3	90.6	91.7	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.8	93.8	93.8	93.8	93.8	93.8
IV 1500	25.2	85.7	91.4	92.5	94.3	94.5	94.5	94.5	94.5	94.5	94.5	95.0	95.0	95.0	95.0	95.0	95.0
IV 1200	25.2	86.0	91.7	92.8	94.7	94.9	94.9	94.9	94.9	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2
IV 1000	25.2	87.3	93.0	94.1	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5
IV 900	25.2	87.7	93.6	94.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4
IV 800	25.2	88.2	94.1	95.2	97.6	97.8	97.8	97.8	97.8	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3
IV 700	25.2	88.2	94.1	95.2	97.6	97.8	97.8	97.8	97.8	97.8	97.8	98.5	98.5	98.5	98.5	98.5	98.5
IV 600	25.2	88.2	94.3	95.4	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7
IV 500	25.6	88.6	94.7	96.0	98.5	98.7	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	25.6	88.6	94.7	96.0	98.5	98.7	98.7	98.7	98.7	98.7	98.7	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	25.6	88.6	94.7	96.0	98.5	98.7	98.7	98.7	98.7	98.7	98.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	25.6	88.6	94.7	96.0	98.5	98.7	98.7	98.7	98.7	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	25.6	88.6	94.7	96.0	98.5	98.7	98.7	98.7	98.7	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	25.6	88.6	94.7	96.0	98.5	98.7	98.7	98.7	98.7	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 588

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

USE WITH CAUTION
 SEE FIRST PAGE

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.6	≥.4	≥.3	≥.16	≥.0	≥0
NO CEILING	14.9	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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	77.7	77.8	77.8	77.9
IV 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
IV 4000	21.2	67.8	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
IV 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
IV 3000	22.4	71.6	77.4	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
IV 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
IV 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	88.3	88.3	88.4
IV 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
IV 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
IV 1200	24.3	78.6	85.2	88.8	90.8	91.3	92.1	92.6	92.7	92.8	92.9	92.9	93.0	93.0	93.0	93.1
IV 1000	24.5	79.3	86.5	90.4	92.4	92.9	93.7	94.2	94.3	94.4	94.4	94.4	94.7	94.8	94.8	94.8
IV 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
IV 800	24.7	80.8	87.5	91.3	93.7	94.4	95.3	95.9	96.1	96.2	96.3	96.3	96.5	96.5	96.5	96.5
IV 700	24.7	80.6	87.1	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
IV 600	24.7	80.8	88.1	91.9	94.4	95.2	96.2	97.2	97.4	97.6	97.6	97.7	97.8	97.8	97.8	97.9
IV 500	24.8	81.0	88.5	92.5	95.0	95.8	96.8	97.8	98.2	98.3	98.7	98.7	98.8	98.9	98.9	99.0
IV 400	24.8	81.0	88.5	92.6	95.0	95.8	96.8	97.8	98.7	98.9	99.1	99.2	99.2	99.3	99.3	99.5
IV 300	24.8	81.0	88.5	92.6	95.0	95.8	96.8	97.8	98.8	99.1	99.3	99.4	99.4	99.6	99.7	99.8
IV 200	24.8	81.0	88.5	92.6	95.0	95.8	96.8	97.8	98.8	99.1	99.3	99.4	99.4	99.7	99.7	99.8
IV 100	24.8	81.0	88.5	92.6	95.0	95.8	96.8	97.8	98.8	99.1	99.3	99.4	99.4	99.7	99.7	99.8
IV 0	24.8	81.0	88.5	92.6	95.0	95.8	96.8	97.8	98.8	99.1	99.3	99.4	99.4	99.7	99.7	99.8

TOTAL NUMBER OF OBSERVATIONS 8718

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	23.5	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
IVN 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
IVN 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
IVN 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
IVN 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
IVN 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
IVN 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
IVN 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
IVN 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
IVN 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
IVN 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
IVN 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
IVN 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	92.0	94.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	97.3
IVN 500	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
400	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
IVN 300	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
200	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
IVN 100	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
0	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

TOTAL NUMBER OF OBSERVATIONS 113

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
TIME PERIOD

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.4	≥.4	≥.4	≥.4	≥.4
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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 4500	18.5	56.1	63.4	67.2	72.9	74.9	77.5	79.3	79.6	80.1	80.4	80.4	81.3	81.3	81.3	81.4
IV 4000	18.5	56.4	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
IV 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
IV 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
IV 2500	18.6	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
IV 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
IV 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
IV 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
IV 1200	19.3	62.1	70.8	75.2	81.1	83.7	86.4	88.5	88.8	89.2	89.6	89.6	90.6	90.6	90.6	90.7
IV 1000	19.3	62.8	71.8	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
IV 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
IV 800	19.6	64.2	73.5	78.0	84.4	87.0	90.0	92.1	92.3	92.8	93.2	93.2	94.1	94.1	94.1	94.3
IV 700	19.9	64.8	74.1	79.2	85.1	87.9	90.8	92.9	93.2	93.6	94.0	94.0	95.0	95.0	95.0	95.1
IV 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
IV 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
IV 400	20.0	65.6	75.3	80.4	86.9	89.7	93.3	95.5	95.8	96.3	96.8	96.8	98.0	98.0	98.0	98.2
IV 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
IV 200	20.0	65.6	75.4	80.7	87.0	90.0	93.4	95.7	96.2	96.8	97.5	97.7	99.0	99.0	99.0	99.3
IV 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
IV 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	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 818

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-01

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	24.3	63.5	66.7	68.1	68.6	68.2	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 20000	25.7	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
IV 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
IV 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
IV 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
IV 12000	26.1	69.3	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
IV 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
IV 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
IV 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
IV 7000	26.3	73.3	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
IV 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
IV 5000	26.3	74.2	78.3	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
IV 4500	26.5	74.6	78.4	80.2	80.9	81.3	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 4000	26.5	75.3	79.3	80.9	81.6	82.1	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 3500	26.5	75.7	79.6	81.3	82.1	82.6	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 3000	26.7	76.6	80.7	82.3	83.2	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 2500	26.9	78.3	82.4	84.3	85.0	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 2000	27.0	79.3	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
IV 1800	27.1	80.5	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
IV 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
IV 1200	27.5	83.2	87.4	89.2	90.3	91.2	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 1000	28.1	84.8	89.2	91.1	92.0	93.1	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 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
IV 800	28.1	86.0	91.0	93.3	95.1	95.9	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 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
IV 600	28.1	86.9	92.7	95.1	96.9	97.8	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 500	28.1	87.3	92.8	95.4	97.3	98.2	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	28.1	87.3	93.2	95.8	97.5	98.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	28.1	87.3	93.2	95.8	97.5	98.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	28.1	87.3	93.2	95.8	97.5	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	28.1	87.3	93.2	95.8	97.5	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	28.1	87.3	93.2	95.8	97.5	98.4	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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

067

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
MOSES 1-57

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥¼	≥0	≥0
NO CEILING ≥ 20000	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
IV 18000	41.7	76.3	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
IV 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
IV 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
IV 12000	42.2	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 5000	42.9	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
IV 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
IV 4000	43.4	86.7	87.1	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 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
IV 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
IV 2500	43.6	88.9	89.3	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
IV 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
IV 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
IV 1500	44.5	92.2	93.0	93.5	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 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
IV 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
IV 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
IV 800	45.0	95.6	96.9	98.1	98.7	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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

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
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0	≥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	48.1	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
IV 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
IV 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
IV 14000	48.6	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
IV 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
IV 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
IV 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
IV 8000	50.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 7000	50.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 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
IV 5000	51.4	87.5	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
IV 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
IV 4000	51.4	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 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
IV 3000	51.4	91.1	91.1	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
IV 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
IV 2000	52.2	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 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
IV 1500	52.2	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 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
IV 1000	52.2	96.8	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
IV 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
IV 800	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
IV 700	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
IV 600	52.2	97.0	98.0	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 500	52.2	97.2	98.6	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	52.2	97.2	98.6	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	52.2	97.2	98.6	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	52.2	97.2	98.6	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	52.2	97.2	98.6	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	52.2	97.2	98.6	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 331

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

OCT

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	¾	¾	¾	¾	≥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
≥2000	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
IVM 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
IVM 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
IVM 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
IVM 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
IVM 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
IVM 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
IVM 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
IVM 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
IVM 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
IVM 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
IVM 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
IVM 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
IVM 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
IVM 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
IVM 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
IVM 2000	47.2	92.4	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IVM 1800	47.2	93.3	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IVM 1500	47.2	94.4	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IVM 1200	47.2	94.7	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IVM 1000	47.2	95.9	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IVM 900	47.2	96.2	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IVM 800	47.2	96.2	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IVM 700	47.2	96.2	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IVM 600	47.2	96.4	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IVM 500	47.2	96.6	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IVM 400	47.2	96.6	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IVM 300	47.2	96.6	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IVM 200	47.2	96.6	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IVM 100	47.2	96.6	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IVM 0	47.2	96.6	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 438

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72265

MAXWELL AFB AL

73-81

8CT

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET.	VISIBILITY - STATUTE MILES.															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 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
IV 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
IV 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
IV 12000	42.9	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
IV 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
IV 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
IV 8000	43.2	81.8	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
IV 7000	43.2	82.7	83.9	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
IV 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
IV 5000	43.7	83.0	85.5	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
IV 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
IV 4000	44.0	85.7	87.7	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 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
IV 3000	44.5	88.7	89.9	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 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
IV 2000	44.5	91.1	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
IV 1900	44.4	91.6	93.4	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 1500	44.4	92.4	94.1	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
IV 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
IV 1000	44.4	93.1	95.5	96.1	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 900	44.4	93.1	95.5	96.1	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 800	44.4	93.6	96.1	97.1	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 700	44.4	94.1	97.0	98.0	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 600	44.4	94.5	97.5	98.5	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 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
IV 400	44.4	94.6	97.6	98.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	44.4	94.6	97.6	98.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	44.4	94.6	97.6	98.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	44.4	94.6	97.6	98.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	44.4	94.6	97.6	98.8	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 585

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

USE WITH CAUTION
 SEE FIRST PAGE

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
 HOURS 1-24

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 7/8	≥2	≥1 7/8	≥1 1/2	≥1	≥3/4	≥1/2	≥1/4	≥1/8	≥0	≥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	76.5	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	92.6	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	87.6	91.0	92.5	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	95.9	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	97.8	98.6	99.1	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 300	39.0	89.2	93.2	95.1	96.9	97.9	98.6	99.2	99.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7
≥ 200	39.0	89.2	93.2	95.1	96.9	97.9	98.6	99.2	99.3	99.4	99.4	99.4	99.8	99.8	99.8	99.8
≥ 100	39.0	89.2	93.2	95.1	96.9	97.9	98.6	99.2	99.3	99.4	99.4	99.4	99.8	99.8	99.9	100.0
≥ 0	39.0	89.2	93.2	95.1	96.9	97.9	98.6	99.2	99.3	99.4	99.4	99.4	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 8663

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.4	≥.4	≥.4	≥.4	≥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	12.4	41.2	46.0	48.8	51.0	53.8	58.7	56.1	56.2	56.8	56.5	56.5	56.8	56.8	57.0	58.0
IVM 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
IVM 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
IVM 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
IVM 12000	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
IVM 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
IVM 9000	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
IVM 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
IVM 7000	12.7	48.4	53.8	56.8	59.2	61.6	63.9	68.8	68.9	68.1	68.2	68.2	68.5	68.5	68.7	68.7
IVM 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
IVM 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	68.3
IVM 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
IVM 4000	13.0	51.8	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
IVM 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
IVM 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
IVM 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
IVM 2000	13.3	55.3	62.8	66.6	69.7	72.8	74.5	76.0	76.2	76.3	76.5	76.5	76.8	76.8	76.9	78.0
IVM 1800	13.5	56.5	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
IVM 1500	13.6	58.8	66.3	70.2	73.9	76.5	78.7	80.2	80.4	80.8	81.0	81.0	81.3	81.3	81.4	82.5
IVM 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
IVM 1000	14.1	61.9	70.9	74.9	78.9	81.9	84.3	86.1	86.4	86.8	87.0	87.0	87.3	87.3	87.4	88.5
IVM 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
IVM 800	14.4	62.6	71.7	75.9	79.9	83.5	86.1	88.3	88.6	89.4	89.5	89.5	89.8	89.8	90.0	91.0
IVM 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
IVM 600	14.5	64.3	73.8	78.0	82.6	86.5	89.1	91.3	91.8	92.4	92.5	92.5	92.8	92.8	93.0	94.0
IVM 500	14.5	64.4	74.2	78.4	83.2	87.3	90.4	92.8	93.3	93.9	94.0	94.0	94.3	94.3	94.5	95.7
IVM 400	14.5	64.8	74.9	79.2	84.2	87.9	91.5	94.3	94.8	95.4	95.5	95.5	95.8	95.8	96.0	97.2
IVM 300	14.5	64.8	74.9	79.2	84.2	87.9	91.5	94.3	94.8	95.4	95.5	95.5	95.8	95.8	96.0	97.2
IVM 200	14.5	64.8	74.9	79.2	84.2	87.9	91.5	94.3	94.8	95.4	95.5	95.5	95.8	95.8	96.0	97.2
IVM 100	14.5	64.8	74.9	79.2	84.2	87.9	91.5	94.3	94.8	95.4	95.5	95.5	95.8	95.8	96.0	97.2
IVM 0	14.5	64.8	74.9	79.2	84.2	87.9	91.5	94.3	94.8	95.4	95.5	95.5	95.8	95.8	96.0	97.2

TOTAL NUMBER OF OBSERVATIONS 667

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265
MONTH

MAXWELL AFB AL
STATION NAME

73-81
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
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
IV 20000	22.2	56.9	58.9	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 4000	23.2	66.9	70.1	71.5	72.3	72.5	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 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
IV 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
IV 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
IV 2000	24.6	73.2	77.3	78.8	80.0	80.9	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 400	25.7	83.0	89.9	93.1	96.0	96.5	97.8	98.4	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9
IV 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
IV 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
IV 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
IV 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

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.7	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .3	≥ .16	≥ .1	≥ 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
IV 20000	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
IV 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
IV 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
IV 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
IV 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
IV 10000	35.2	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	68.2
IV 9000	35.5	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
IV 8000	35.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 7000	35.6	72.3	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	72.2
IV 6000	35.6	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
IV 5000	36.0	73.8	73.9	74.0	74.0	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 4500	36.0	74.2	74.3	74.4	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 4000	36.1	75.6	75.8	75.9	75.9	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 3500	36.1	76.9	77.0	77.2	77.2	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 3000	37.0	79.9	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
IV 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
IV 2000	39.1	85.8	86.4	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
IV 1800	39.1	86.4	87.6	88.0	88.0	88.9	89.1	89.8	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.7
IV 1500	39.8	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
IV 1200	40.1	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
IV 1000	40.1	91.6	93.2	94.1	94.1	95.1	96.3	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.2
IV 900	40.3	92.3	93.7	94.6	94.6	95.7	96.9	97.3	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.8
IV 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
IV 700	40.3	92.8	94.6	95.4	95.7	96.8	98.0	98.4	98.5	98.9	98.9	98.9	98.9	98.9	98.9	99.0
IV 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
IV 500	40.3	93.3	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
IV 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
IV 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
IV 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
IV 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
IV 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 819

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 9000	46.2	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	70.1
IV 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
IV 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
IV 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
IV 5000	47.0	76.2	76.3	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
IV 4500	47.9	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
IV 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
IV 3500	48.9	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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 310

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1000-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.16	≥.1	≥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
IV 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
IV 18000	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
IV 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
IV 14000	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
IV 12000	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
IV 10000	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
IV 9000	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
IV 8000	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
IV 7000	46.1	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
IV 6000	46.1	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
IV 5000	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
IV 4500	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
IV 4000	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
IV 3500	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
IV 3000	47.6	81.7	82.7	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8
IV 2500	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
IV 2000	48.3	87.0	88.3	89.2	90.0	90.0	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5
IV 1800	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
IV 1500	48.8	89.5	90.9	92.0	92.7	92.7	93.2	93.3	93.3	93.3	93.9	93.9	93.9	93.9	93.9
IV 1200	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
IV 1000	49.1	90.9	92.5	93.7	94.9	94.9	95.4	95.3	95.3	95.3	95.9	95.9	95.9	95.9	95.9
IV 900	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
IV 800	49.1	91.5	93.4	95.3	96.2	96.2	96.8	97.3	97.3	97.3	97.9	97.9	97.9	97.9	97.9
IV 700	49.1	91.7	93.7	95.7	96.9	96.9	97.2	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9
IV 600	49.1	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
IV 500	49.1	92.1	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
IV 400	49.1	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
IV 300	49.1	92.3	94.4	96.7	97.7	97.8	98.9	99.4	99.6	99.6	99.8	100.0	100.0	100.0	100.0
IV 200	49.1	92.3	94.4	96.7	97.7	97.8	98.9	99.4	99.6	99.6	99.8	100.0	100.0	100.0	100.0
IV 100	49.1	92.3	94.4	96.7	97.7	97.8	98.9	99.4	99.6	99.6	99.8	100.0	100.0	100.0	100.0
IV 0	49.1	92.3	94.4	96.7	97.7	97.8	98.9	99.4	99.6	99.6	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 800

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 0	≥ 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
IV 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
IV 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
IV 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
IV 14000	42.6	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
IV 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
IV 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
IV 9000	43.6	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
IV 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
IV 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
IV 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
IV 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
IV 4500	44.4	74.8	75.4	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
IV 4000	44.5	75.9	76.6	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
IV 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
IV 3000	44.9	78.5	79.4	80.5	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 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	85.4	85.4	85.5	85.5
IV 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	88.5	88.5	88.6	88.6
IV 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	89.4	89.4	89.5	89.5
IV 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	91.8	92.0	92.0	92.1
IV 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	93.1	93.2	93.2	93.3
IV 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	93.7	93.8	93.8	93.9
IV 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	94.2	94.3	94.3	94.4
IV 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	95.8	95.9	95.9	96.0
IV 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	96.3	96.4	96.4	96.5
IV 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	97.3	97.4	97.4	97.5
IV 500	46.8	91.4	93.0	95.1	95.9	96.4	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.3
IV 400	46.8	91.7	93.1	95.2	96.0	96.5	97.8	98.1	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.6
IV 300	46.8	91.7	93.1	95.2	96.2	96.7	97.9	98.3	98.6	98.6	98.6	98.6	98.6	98.9	98.9	99.0
IV 200	46.8	91.7	93.1	95.2	96.2	96.7	97.9	98.3	98.6	98.6	98.6	98.6	98.6	98.9	99.0	99.1
IV 100	46.8	91.7	93.1	95.2	96.2	96.7	97.9	98.4	98.8	98.8	98.8	98.8	98.9	98.9	99.0	99.6
IV 0	46.8	91.7	93.1	95.2	96.2	96.7	97.9	98.4	98.8	98.8	98.8	98.9	98.9	99.0	99.5	99.6

TOTAL NUMBER OF OBSERVATIONS 809

2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING ≥ 20000	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
IV 18000 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
IV 14000 12000	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
IV 10000 9000	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
IV 8000 7000	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
IV 6000 5000	35.3	67.5	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
IV 4500 4000	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
IV 3500 3000	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
IV 2500 2000	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
IV 1800 1500	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
IV 1200 1000	37.9	82.6	85.4	87.0	88.1	88.8	89.5	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.3	90.5
IV 900 800	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
IV 700 600	38.3	84.5	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
IV 500 400	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
IV 300 200	38.4	85.5	89.3	91.4	92.8	93.7	94.8	95.6	95.6	95.7	95.9	95.9	95.9	95.9	96.0	96.2
IV 100 0	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
	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
	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
	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
	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
	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	99.3	99.4	99.9
	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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 MAXWELL AFB AL

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.4	≥.3	≥.3	≥.2	≥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
IV 20000	18.2	47.1	49.7	52.1	53.7	53.7	54.1	54.5	54.5	54.5	54.6	54.6	55.2	55.2	55.3	56.4
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 5000	20.4	56.7	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
IV 4500	20.6	56.4	58.9	61.3	63.1	63.2	64.4	64.9	64.9	64.9	65.1	65.1	65.6	65.6	65.8	66.8
IV 4000	21.0	57.4	60.2	62.7	64.3	64.4	65.4	66.2	66.2	66.2	66.3	66.3	66.8	66.8	67.0	68.0
IV 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
IV 3000	22.5	62.5	65.1	67.7	69.2	69.4	70.4	71.1	71.1	71.1	71.3	71.3	71.8	71.8	72.0	73.0
IV 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
IV 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
IV 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
IV 1500	24.6	70.4	73.7	76.5	78.4	78.7	80.4	80.9	80.9	80.9	81.1	81.1	81.6	81.6	81.8	82.8
IV 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
IV 1000	24.7	71.8	75.4	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
IV 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
IV 800	24.7	72.1	76.0	79.1	81.3	82.2	84.1	84.6	84.8	84.8	85.0	85.1	85.6	85.6	85.8	86.8
IV 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
IV 600	24.7	74.9	79.4	82.6	86.9	88.0	90.0	90.9	91.1	91.1	91.2	91.4	91.9	91.9	92.1	93.1
IV 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
IV 400	24.7	75.1	79.9	83.3	87.5	89.0	91.2	92.3	92.5	92.5	92.6	92.8	93.8	93.8	94.0	95.0
IV 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
IV 200	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
IV 100	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
IV 0	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

TOTAL NUMBER OF OBSERVATIONS 582

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

CEILING FEET.	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.15	≥.1
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	51.6	51.6	51.6	51.6
≥ 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	57.2	57.2	57.2	57.2
≥ 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	57.6	57.6	57.6	57.6
≥ 16000	26.2	55.1	56.6	57.3	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 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	58.1	58.1	58.1	58.1
≥ 12000	26.2	56.8	58.5	59.1	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 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	62.6	62.6	62.6	62.6
≥ 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	63.2	63.2	63.2	63.2
≥ 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	65.5	65.5	65.5	65.5
≥ 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	66.1	66.1	66.1	66.1
≥ 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	67.2	67.2	67.2	67.2
≥ 5000	29.5	65.4	67.2	68.0	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 4500	29.8	65.9	67.3	68.1	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 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	71.2	71.2	71.2	71.2
≥ 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	72.7	72.7	72.7	72.7
≥ 3000	31.3	71.2	73.0	74.3	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 2500	32.4	73.8	75.9	77.2	77.6	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 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	80.6	80.6	80.6	80.6
≥ 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	81.9	81.9	81.9	81.9
≥ 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	84.9	84.9	84.9	84.9
≥ 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	86.8	86.8	86.8	86.8
≥ 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	87.8	87.8	87.8	87.8
≥ 900	34.6	83.5	86.4	88.2	88.7	88.9	89.2	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 800	34.6	84.9	88.3	89.8	90.4	90.6	91.1	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 700	34.6	85.5	89.3	91.1	91.8	92.1	92.7	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 600	34.6	85.9	90.0	91.8	92.8	93.1	93.8	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 500	34.6	86.3	90.4	92.6	94.0	94.5	95.2	95.7	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1
≥ 400	34.6	86.6	90.8	93.1	95.1	95.7	96.6	97.4	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 300	34.6	86.6	90.8	93.1	95.1	95.7	96.7	97.7	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	34.6	86.6	90.8	93.1	95.1	95.7	97.0	97.9	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0
≥ 100	34.6	86.6	90.8	93.1	95.1	95.7	97.0	97.9	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0
0	34.6	86.6	90.8	93.1	95.1	95.7	97.0	97.9	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 768

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
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
IN 20000	39.2	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
IN 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
IN 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
IN 14.0	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
IN 120.0	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
IN 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
IN 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
IN 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
IN 7000	42.5	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	68.8	68.8
IN 6000	42.5	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	68.6
IN 5000	43.4	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
IN 4500	44.4	71.9	71.9	71.9	71.9	71.9	71.9	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
IN 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
IN 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
IN 3000	47.2	77.6	77.6	77.6	77.6	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IN 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
IN 2000	49.2	81.9	81.9	82.4	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IN 1800	49.5	82.1	82.1	82.4	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IN 1500	49.5	82.5	82.5	82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IN 1200	49.9	83.4	83.4	83.7	83.7	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IN 1000	50.2	83.9	83.9	84.1	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IN 900	50.2	84.1	84.1	84.2	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IN 800	50.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IN 700	50.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IN 600	50.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IN 500	50.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IN 400	50.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IN 300	50.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IN 200	50.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IN 100	50.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IN 0	50.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8

TOTAL NUMBER OF OBSERVATIONS 745

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	
NO CEILING ≥ 20000	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
IV N 18000 16000	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
IV N 14000 12000	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
IV N 10000 9000	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
IV N 8000 7000	48.0	69.8	69.9	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
IV N 6000 5000	48.7	70.2	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV N 4500 4000	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
IV N 3500 3000	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
IV N 2500 2000	52.9	80.2	80.6	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
IV N 1800 1500	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
IV N 1200 1000	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
IV N 900 800	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
IV N 700 600	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
IV N 500 400	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
IV N 300 200	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
IV N 100 0	55.6	91.8	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
	55.6	91.8	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

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265 MAXWELL AFB AL

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥.	≥0
NO CEILING	39.2	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
IV 2000	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
IV 1800	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
IV 1600	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
IV 1400	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
IV 1200	42.2	66.3	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
IV 1000	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
IV 900	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
IV 800	43.3	69.1	69.3	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
IV 700	43.3	69.7	69.8	69.8	69.8	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 600	43.3	69.8	70.0	70.0	70.0	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 500	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
IV 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
IV 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
IV 3500	46.9	77.4	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 3000	47.8	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	79.3	79.3
IV 2500	48.3	82.0	82.0	82.0	82.0	82.0	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 2000	50.2	86.7	87.4	87.4	87.4	87.4	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 1800	50.2	87.5	88.3	88.3	88.3	88.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 1500	50.8	89.6	90.5	91.4	91.4	91.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 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
IV 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
IV 900	51.0	90.3	91.6	92.5	93.4	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 800	51.0	90.8	92.2	93.4	94.4	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 700	51.0	90.9	92.3	93.6	95.3	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 600	51.0	90.9	92.3	94.0	95.5	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 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
IV 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
IV 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
IV 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
IV 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	99.6
IV 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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.6	≥.4	≥.3	≥.16	≥.0	≥0
NO CEILING IV 20000	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
IV 18000	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
IV 16000	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
IV 14000	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
IV 12000	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
IV 10000	41.9	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
IV 9000	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
IV 8000	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
IV 7000	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
IV 6000	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
IV 5000	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
IV 4500	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
IV 4000	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
IV 3500	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
IV 3000	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
IV 2500	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
IV 2000	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
IV 1800	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
IV 1500	48.8	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
IV 1200	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
IV 1000	49.1	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
IV 900	49.1	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
IV 800	49.1	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
IV 700	49.1	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
IV 600	49.1	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
IV 500	49.1	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
IV 400	49.1	90.1	91.9	94.7	96.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 300	49.1	90.1	91.9	94.7	96.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 200	49.1	90.1	91.9	94.7	96.5	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 100	49.1	90.1	91.9	94.7	96.5	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 0	49.1	90.1	91.9	94.7	96.5	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9

TOTAL NUMBER OF OBSERVATIONS 718

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

USE WITH CAUTION
 SEE FIRST PAGE

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
 HOURS U.S.T.

CEILING -FEET-	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO CEILING	32.6	52.8	53.9	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 10000	37.4	63.6	64.4	64.9	65.1	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.7
IV 9000	37.4	64.0	64.7	65.3	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.9	66.0
IV 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
IV 7000	38.0	66.3	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
IV 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
IV 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
IV 4500	39.3	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
IV 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
IV 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
IV 3000	41.9	75.1	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
IV 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
IV 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
IV 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
IV 1500	44.5	83.9	85.3	86.6	87.1	87.3	88.1	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.4	88.5
IV 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
IV 1000	44.9	85.8	87.5	89.0	89.8	90.3	91.0	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.5
IV 900	44.9	86.4	88.3	90.0	90.9	91.5	92.3	92.5	92.5	92.5	92.6	92.6	92.7	92.7	92.7	92.8
IV 800	45.0	87.1	89.2	91.0	92.1	92.7	93.6	93.8	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.2
IV 700	45.0	87.4	89.6	91.5	92.8	93.6	94.6	94.6	94.7	94.7	94.7	94.8	94.9	94.9	94.9	95.0
IV 600	45.0	87.7	90.0	92.0	93.8	94.1	95.1	95.3	95.3	95.3	95.6	95.6	95.7	95.7	95.7	95.9
IV 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
IV 400	45.0	88.2	90.7	92.9	94.8	95.7	96.8	97.6	97.7	97.8	97.9	97.9	98.1	98.1	98.1	98.2
IV 300	45.0	88.2	90.7	92.9	94.8	95.9	97.1	98.1	98.2	98.4	98.5	98.6	98.7	98.8	98.8	99.0
IV 200	45.0	88.2	90.7	92.9	94.8	95.9	97.2	98.2	98.4	98.7	98.9	98.9	99.2	99.4	99.5	99.7
IV 100	45.0	88.2	90.7	92.9	94.8	95.9	97.2	98.3	98.4	98.7	98.9	98.9	99.3	99.4	99.6	99.9
IV 0	45.0	88.2	90.8	93.0	94.9	95.9	97.2	98.3	98.4	98.7	98.9	99.0	99.3	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 8319

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

722265

MAXWELL AFB AL

73-81

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥¼	≥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
IV 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
IV 18000	29.9	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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 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
IV 3500	34.9	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
IV 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
IV 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
IV 2000	36.1	80.8	84.3	86.3	87.8	88.1	88.5	88.7	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.1
IV 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
IV 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
IV 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
IV 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
IV 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
IV 800	36.9	85.5	89.7	92.4	94.2	94.8	95.4	95.9	96.0	96.2	96.2	96.3	96.3	96.3	96.4	96.4
IV 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
IV 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
IV 500	37.0	86.3	90.7	93.6	95.7	96.9	97.4	98.0	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.6
IV 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
IV 300	37.0	86.2	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
IV 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
IV 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
IV 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
 AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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SKY COVER

722265

MAXWELL AFB AL

73-81

JAN

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			
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

GLOBAL CLIMATOLOGY BRANCH
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SKY COVER

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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			30.0						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

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APR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
APR	0-02	5.3									15.8	78.9	9.3	19
	3-05	18.5			18.5						7.4	55.6	6.8	27
	6-08	23.1			19.6						25.8	31.6	6.1	757
	9-11	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

GLOBAL CLIMATOLOGY BRANCH
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 AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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SKY COVER

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MAXWELL AFB AL

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JUN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02				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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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SKY COVER

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MAXWELL AFB AL

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AUG

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9	10			
AUG	00-02	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

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GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

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SKY COVER

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ALL

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
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. Extremes 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 (σ_x). 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
 722265 MAXWELL AFB AL

DAILY TEMPERATURES

37-56, 64-81 YEARS

STATION STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
80						.3	.2	.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	92.0	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	2.951	3.802	8.493	9.839	9.709	14.891
TOTAL OBS.	1108	1045	1146	1109	1147	1109	1147	1116	1110	1146	1080	1125	13387

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 722265 MAXWELL AFB AL

DAILY TEMPERATURES

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
95						.8	1.3						.2
85					.5	14.8	22.3	15.6	3.2	.2			4.8
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	36.4
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	26.4	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	8.907	8.979	14.457
TOTAL OBS.	1108	1045	1146	1109	1147	1108	1147	1116	1110	1146	1080	1125	13387

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

MONTH YEAR	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	70	67	75	87	86	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	88	86	94	102	100	97	96	90	80	74	102
45	69	82	88	88	96	100	97	97	98	89	84	85	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	100
48	71	82	86	88	95	98	98	99	95	85	83	77	99
49	83	79	85	87	93	94	98	95	92	89	79	76	98
50	50	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						
54	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)

1216 WS 0-00-3 (OLI)

AT LEAST ONE DAY PER MONTH

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

722255

MAXWELL AFB AL

37-56, 64-81

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	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*	92	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	92.0	97.1	98.1	96.7	94.7	88.6	85.6	75.8	98.8
S. D.	4.261	4.344	2.988	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	13367

NOTES * (BASED ON LESS THAN FULL MONTHS)

USE WS FORM 0-88-5 (OL1)

* AT LEAST ONE DAY LESS THAN 28 DAYS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF 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

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
37		26	31*	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	17
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	25	25
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	19
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	37	19
48	17	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						
58	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*	54	69	60	56	33	27	25	20
69	18	29	25	46	52	57	71	64	54	45		29	
70	15	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)

1210 WB FORM 0-88-5 (OLI)

N (AT LEAST ONE DAY LESS THAN 29 OBS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

722265 MAXWELL AFB AL

37-56, 64-81

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	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	* 17	22	35	44	51	62	67	62	61	43	26*	27	* 19
80	* 21	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	24.6	31.2	41.2	50.7	61.2	67.3	68.7	55.6	40.6	29.0	24.0	19.0
S.D.	7.042	4.987	5.828	4.112	3.853	4.402	3.842	2.765	5.534	4.912	6.038	4.413	5.357
TOTAL OBS.	1208	1043	1206	1209	1147	1208	1147	1116	1110	1146	1080	1125	13367

NOTES * VALUES ON LESS THAN FULL MONTHS

FORM NO. 620-4 (CL)

USE LEAST ONE DAY LESS THAN 30 OBS.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL

73-81

JAN

STATION

STATION NAME

YEARS

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	
6 / 65		.4	.1															4	4	1	1
6 / 63	.1	1.7	.4															16	16	10	5
6 / 61	.1	1.6	.4															15	15	20	17
6 / 59	.1	2.5	.3															20	20	12	12
5 / 57		2.0	.4															17	17	21	18
5 / 55	.1	2.7	.6															24	24	18	22
5 / 53	.1	2.9	.9															27	27	24	18
5 / 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	3.0	1.7	.6														44	44	32	26
4 / 43	.1	.9	1.9	.3														22	22	32	20
4 / 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
3 / 37	.7	1.7	1.2	.7	.3													32	32	54	29
3 / 35	.6	1.4	3.3	1.4	.3													49	49	37	46
3 / 33		2.5	2.5	.6	.3													40	40	26	27
2 / 31	.1	3.6	4.3	1.3														65	65	50	30
3 / 29		1.7	3.9	.7														44	44	57	33
2 / 27	.3	.7	1.6	.1														19	19	43	26
2 / 25	.4	.7	1.9	.3														23	23	47	34
2 / 23	.4	.7	.7															13	13	22	25
2 / 21		.1	.9															7	7	17	44
2 / 19		1.0	1.0															14	14	9	29
1 / 17		.3	.1															3	3	14	21
1 / 15		.1	.1															2	2	4	23
1 / 13																				2	23
1 / 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)	Σ x ²		Σ x		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.									≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F							
Dry Bulb																					
Wet Bulb																					
Dew Point																					

FORM 0-24-5 (O.L.A.) REVISION 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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1																					5
-1																					2
TOTAL	4.9	46.5	37.3	9.0	1.3	.7	.3											691	691	691	
																		691	691	691	

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						= 60 F	= 62 F	= 64 F	= 66 F	= 68 F	= 70 F	
Ref. Num.	0197024	52034	76.5	15.119	691							
Dry Bulb	1252218	28266	40.9	11.790	691		26.1	1.1				93
Wet Bulb	1112535	26431	38.3	12.131	691		36.2	.1				93
Dew Point	940793	23323	33.8	10.919	691	.3	45.0					93

USAFETAC FORM 0-26-5 (OLA) REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point															
77 / 77					.1																										1	1			
76 / 75							.1																								1	1			
74 / 73				.1																											1	1			
72 / 71			.4	.2	.1	.1																									7	7			
71 / 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		
31 / 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	1		21	
Element (X)	Σ _n ¹	Σ _n			X	σ _n	No. Obs.	Mean No. of Hours with Temperature										Total																	
Rel. Hum.		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																												
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL 73-81 JAN

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

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

Element (X)	ΣH^+	ΣH^-	\bar{X}	σ_s	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 22 F	≤ 47 F	≤ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	347726	53990	66.0	18.650	811							
Dry Bulb	1796236	37070	45.7	11.310	812		12.7	3.0	.3			93
Wet Bulb	1467897	33419	41.2	11.713	811		25.8	.6				93
Dew Point	1155012	27880	34.4	11.562	811	.6	92.1					93

USAFETAC FORM NO. 0-26-5 (O.L.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

YEARS

JAN
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point															
80/ 81							.1												1	1															
79/ 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															
71/ 69	.1	.4	.7	.4	.4	.5			.1	.1									22	22	5	1													
69/ 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	.6	.6									42	42	16	10													
62/ 61	1.2	1.1	.5	1.0	.6	.9	.5	.2	.2	.2									49	49	31	25													
60/ 59	.1	.7	.7	.5	.9	.9	.4	.2	.1	.1									37	37	29	26													
58/ 57	.2	.6	.4	.2	.9	.7	1.1	.4	.2	.2									39	39	32	22													
56/ 55	.1	.7	.9	1.1	1.4	1.1	1.0	.6	.1	.1									57	57	34	28													
54/ 53	.1	1.1	.5	.5	1.2	.9	1.4	.4		.4									49	49	35	17													
52/ 51		1.0	.7		1.1	.9	1.2	.2		.2									42	42	44	26													
50/ 49		.4	.7	.4	.4	1.2	1.2	.1		.1									36	36	50	25													
48/ 47		1.2	1.1	.5	.9	1.1	.9	.1		.1									47	47	47	24													
46/ 45	.2	1.5	.6	.4	.9	1.6	.9			.9									49	49	51	38													
44/ 43	.1	.4	1.4	.7	1.4	1.1	1.1			.1									50	50	50	27													
42/ 41		.7	.6	1.0	1.4	2.3	.4			.4									52	52	39	41													
40/ 39		.2	.6	.4	1.9	1.9				.9									40	40	53	27													
38/ 37			.2	.6	.7	1.0				.4									21	21	39	40													
36/ 35			.2	1.1	1.2	.4				.4									24	24	43	31													
34/ 33			1.0	.9	1.1					.4									24	24	43	20													
32/ 31	.1	.2	.1	1.1	.6					.4									18	18	54	25													
30/ 29				.4	.2					.4									5	7	29	37													
28/ 27		.2		.1						.4									3	3	26	24													
26/ 25		.1	.1	.1						.4									3	3	19	36													
24/ 23			.1							.4									1	1	7	27													
22/ 21										.4											5	34													
20/ 19		.1								.4									1	1		34													
18/ 17										.4											1	24													
16/ 15										.4												39													
Element (X)	Σ X'	Σ X	X	C _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) REVISED NOVEMBER 1965 (THIS FORM IS OBSOLETE)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL

73-81

YEARS

JAN
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
14/ 13																					25
1 / 11																					14
1 / 9																					20
2 / 7																					24
6 / 5																					5
4 / 3																					1
2 / 1																					6
TOTAL	1.	12.	413.	314.	019.	918.	513.	3	3.8	2.2	1.9								809	811	809

Element (X)	$\Sigma x'$	Σx^2	Σx	Σx^3	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$						
Dry Bulb	2807249	44531	55.0	20.992	809		3.8	9.3	2.9	.3		93
Wet Bulb	2283207	42013	51.8	11.481	811							93
Dew Point	1709084	36052	44.6	11.262	809		16.2	2.2				93
	1178918	27989	39.4	16.129	809		43.1	.1				

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL 73-81
STATION STATION NAME YEARS

JAN
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point																		
79 / 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																9	9			
72 / 71				.2	.7	.9		.1										.1																17	17			
70 / 69				.7	.6	.5	.1	.6	.1	.4	.2							.2																27	27	4		
68 / 67				.2	.6	.6	.2	.4	.1	.9								.9																25	25	13		
66 / 65		.6	.2	1.0	.2	.2	.5	.4	.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									.2																33	33	20	21	
60 / 59	.1	1.6	.7	.4	1.6	1.6	.4	.6	.2	.1								.1																60	60	32	25	
58 / 57		1.0	.2	.6	.7	1.1	.7	.5	.4	.1								.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)	Z ₁ ²	Z _X	X	σ _n	No. Obs.	Mean No. of Hours with Temperature										Total																						
Rel. Hum.						± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F																											
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL 73-81 JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 2 1500-1700
 HOURS (L. S. T.)

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

Element (X)	Σx'	Σx	I	Σ _n	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
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	1173754	27928	34.9	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 MAXWELL AFB AL 73-81 JAN

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															
72/ 71				.5																											4	4			
7 / 69			.2	.2																											4	4			
67 / 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		
57 / 59		1.7	1.0	.5	.5	.4	.1																							34	34	32	24		
57 / 57	.1	1.1	.2	.2	1.0	.6	.1	.2																						30	30	22	31		
57 / 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		
48 / 47	.6	.6	1.6	1.0	.9	1.1																								47	47	55	25		
47 / 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		
37 / 35		.1	1.8	1.6	2.3																									48	48	42	25		
37 / 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		
27 / 25			.2	.2																										4	4	31	42		
27 / 23		.4	.4																											6	6	17	38		
22 / 21		.1	.1																											2	2	10	21		
20 / 19																																5		29	
18 / 17																																		14	
17 / 15																																		17	
14 / 13																																		30	
12 / 11																																		32	
10 / 9																																		14	
7 / 7																																		9	
6 / 5																																		5	
Element (X)	Σ X ²	Σ X	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) JAN 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

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
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	1.7	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

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

USE WITH CAUTION
 SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL 73-81 JAN
 STATION STATION NAME YEARS 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
82/ 81							.0										1	1			
80/ 79						.0	.0	.0									4	4			
78/ 77					.1	.2	.0	.0									18	18			
76/ 75					.1	.0	.0										10	10			
74/ 73				.1	.1	.1	.0										19	19			
72/ 71			.1	.4	.2	.1	.1										42	42			
70/ 69		.0	.4	.3	.1	.1	.2	.0									64	64	10	1	
68/ 67		.1	.7	.3	.2	.1	.1	.0									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)	Σx^1	Σx^2	Σ	Σ	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 0-26-3 (OL A) REVISED NOVEMBER 1965
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

USE WITH CAUTION
 SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL 73-81 JAN 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
14/ 13		.0																1	1	4	154
13/ 11		.0																1	1	1	137
11/ 9		.0																2	2	2	94
9/ 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							4713	4716	4713	4713	

Element (K)	Σ _g ⁺	Σ _g	Σ	Σ _n	No. Obs.	Mean No. of Hours with Temperature					Total		
Ref. Num.	Σ 0 F	Σ 32 F	Σ 67 F	Σ 73 F	Σ 80 F	Σ 93 F							
Dry Bulb	11166206	222484	47.211.922	4713	90.4	37.5	8.2	.6					744
Wet Bulb	894083	197803	42.011.639	4713	186.0	6.6					788		
Dew Point	6692638	142030	34.415.439	4713	1.3	396.7	.2					799	

USAFETAC FORM 0-26-5 (O.L.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 FEB PAGE 1 0600-0800
STATION STATION NAME YEARS MONTH HOURS (L. S. Y.)

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							
71/ 69		.3				.2				.2								4	4	1	1					
67/ 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					
61/ 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					
41/ 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)	Σ ₁		Σ ₂		Σ ₃		Σ ₄		Σ ₅		Σ ₆		Σ ₇		Σ ₈		Σ ₉		Σ ₁₀		Σ ₁₁		Σ ₁₂			
Rel. Hum.																										
Dry Bulb																										
Wet Bulb																										
Dew Point																										

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

USAFETAC FORM 0-36-S (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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
4/ 3 2/ 1																																		1 2		
TOTAL	1.7	42.0	37.3	15.8	3.2	.2												660		660	660															
Element (K)											Mean No. of Hours with Temperature																									
Rel. Hum.	\sum_{g1}	\sum_{g2}	\sum_{g3}	\sum_{g4}	\sum_{g5}	\sum_{g6}	\sum_{g7}	\sum_{g8}	\sum_{g9}	\sum_{g10}	No. Obs.	= 6 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																		
Dry Bulb	3765003	49113	74,914.063	660				15.5	1.0		64																									
Wet Bulb	3278789	20161	42,710.820	660				26.0	.5		64																									
Dew Point	1117613	26193	39,611.160	660				18.6	.5		64																									

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	=31	Dry Bulb
81/ 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
71/ 69		.1	.3	.5	.1	.3		.4	.3	.1							16	16	3
68/ 67	.1	.1	.4	.1	.4	.4	.4	.7	.3								22	22	4
66/ 65	.3	.4	.8	.5	.8	.3	.9		.3								32	32	14
64/ 63		1.2	.8	.7	.4	.7	.1	.3	.1								32	32	10
62/ 61		.8	.7	.5	.7	.9	.3	.4									32	32	23
61/ 59	.3	1.3	1.6	1.1	.1	.8	1.1										47	47	24
58/ 57	.1	.7	1.1	.9	1.1	1.2	.7	.3									45	45	32
56/ 55		.3	.9	.4	.7	.9	.3	.1									27	27	33
54/ 53	.1	.4	.5	.9	1.4	.8	.4	.3									37	37	48
52/ 51		.8	1.4	.9	1.7	.8	.3	.3									47	47	36
50/ 49		1.2	.5	.9	1.7	1.3	.9										50	50	31
48/ 47		.9	.4	2.1	.9	.9	.4	.1									44	44	50
46/ 45		.5	1.2	2.0	1.4	1.6											51	51	44
44/ 43		.5	.9	1.4	1.6	.4	.1										38	38	31
42/ 41		.4	1.1	2.4	.9	.8											42	42	57
41/ 39	.1		2.6	.9	1.6	.7											45	45	46
38/ 37		.4	.9	1.7	1.8	.1											38	38	57
36/ 35		.5	.8	2.4	.8												34	34	51
34/ 33	.1		.1	1.6	.7												19	19	37
32/ 31			.7	1.6	.1												18	18	37
31/ 29		.1	1.1	.7													14	14	30
28/ 27			.4	.1													4	4	24
26/ 25																			21
24/ 23				.3													2	2	9
22/ 21			.1														1	1	33
20/ 19																			2
18/ 17																			1
16/ 15																			
14/ 13																			
Element (X)	ΣX^2	ΣX	Σ	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total							
Rel. Hum.						≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F								
Dry Bulb																			
Wet Bulb																			
Dew Point																			

FORM 0-26-5 (OL A) GROUP REVISED EDITION OF THE FORM AIR 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 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
11 / 11																					18
10 / 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	

Element (X)	ΣX^2	ΣX	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.						= 6 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Rel. Hum.	2940989	95328	59.6	17.810	761							84
Dry Bulb	2018369	38233	50.2	11.328	761	4.3	6.8	1.7				84
Wet Bulb	1569418	33476	44.0	11.041	761	13.9	1.3					84
Dew Point	1130099	27173	35.7	14.502	761	36.4	1.0					84

USAFETAC FORM AIR AC 0-26-5 (OL A) SUPERSEDES PREVIOUS EDITIONS OF THIS FORM AND OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL STATION STATION NAME

73-81 YEARS

FEB 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														
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)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature																													
Dry Bulb						± 0 F	± 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	Total																							
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (OL A) REVERSE AIRWEATHER SERVICE OF THE FORMS ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE 1 1500-1700
HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
44/ 83									.3								2	2			
50/ 81								.1	.1				.3				4	4			
56/ 79								.3		.1							4	4			
62/ 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			
77/ 71		.3	.3	.7	.8	.7	.5	1.1	.8	.4	.7						46	46			
77/ 69		.4	.4	.1	.5	.9	.5	1.1	.7	.9	.5						46	46	4	1	
67/ 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	.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	
41/ 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	
31/ 29																			19	32	
28/ 27																			5	41	
26/ 25																				36	
24/ 23																				31	
22/ 21																				30	
20/ 19																				20	
18/ 17																				26	

FORM 0-26-5 (O.L.A.) REPROD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL 73-81 FEB

PAGE 2 1500-1700
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
14 / 15																					25
14 / 13																					23
12 / 11																					22
11 / 9																					11
6 / 7																					6
TOTAL	.4	5.5	9.2	7.6	13.4	15.1	12.5	13.9	11.4	5.9	4.1	.8	.5					760	760	760	

Element (X)	$\sum X'$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	1906264	34748	45.720	454	760							
Dry Bulb	2668459	44207	58.211	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	35.114	662	760		40.1	.7				84

FORM 0-26-5 (O.L.A.) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JAN 64

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72265 MAXWELL AFB AL 73-61 FEB MONTH

PAGE 1 1600-2000 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 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																									
Wet Bulb																									
Dew Point																									

FORM 0-26-3 (OL A) REVER 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 MAXWELL AFB AL
STATION STATION NAME

73-81 YEARS

FEB 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
77/ 71				.1													1	1	
77/ 69			.3	.3													4	4	
68/ 67	.1		.4	.7													9	9	1
66/ 65	.3	1.1	.6	.9	.4	.4	.3										28	28	8
64/ 63	.1	1.3	.7	.4	1.1	.3											28	28	13
62/ 61	.3	1.4	.7	1.6	.4	.3	.6										37	37	25
61/ 59		.4	.3	1.0	.4	.9	.3	.3									25	25	18
58/ 57	.1	1.4	2.0	1.0	1.0	.6	.3	.1									46	46	17
58/ 55		.7	1.3	.4	.3	.4	.3										24	24	31
54/ 53		.7	1.1	1.0	1.1	.1	.1										30	30	37
52/ 51		.9	.7	1.1	1.0	1.6	.1										38	38	27
51/ 49		.9	2.3	1.1	.7	.4											38	38	33
48/ 47		1.9	1.7	1.9	1.0	.4											48	48	31
48/ 45		1.1	2.0	2.4	1.1	1.1											55	55	53
44/ 43		.1	1.6	2.3	1.6	.3											41	41	37
42/ 41		1.0	2.4	1.9	1.7	.3											51	51	43
41/ 39		.3	4.9	2.0	1.4												60	60	49
38/ 37		1.7	2.9	1.7	1.4	.1											55	55	50
36/ 35		.3	.6	2.3	1.0												29	29	77
34/ 33			1.1	1.7	.9												26	26	41
32/ 31			.4	1.9	.3												18	18	26
31/ 29			.3	.6													6	6	36
28/ 27																			25
26/ 25																			13
24/ 23																			6
22/ 21																			
21/ 19																			31
18/ 17																			22
16/ 15																			8
14/ 13																			17
12/ 11																			12
11/ 9																			7
8/ 7																			3
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F								
Dry Bulb																			
Wet Bulb																			
Dew Point																			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

USE WITH CAUTION
 SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

72265 MAXWELL AFB AL
 STATION STATION NAME

73-81
 YEARS

FEB
 MONTH

PAGE 2 2100-2300
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
TOTAL	1.0	15.4	28.4	28.4	17.1	7.3	2.0	.4											697	697	697		
Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s^2	No. Obs.		Mean No. of Hours with Temperature					Total											
Rel. Hum.	3103247	45123	64.7	16.172	697		$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total										
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 14 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 FEB
STATION STATION NAME YEARS 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															
4/ 83											.1	.0																			4	4			
6/ 81							.0				.0	.0								.0											6	6			
8/ 79					.0	.0	.0	.1	.0	.0	.0	.0				.0															10	10			
7/ 77				.0	.0	.0	.1	.1	.1	.0	.4	.1	.1																		44	44			
76/ 75			.0	.0	.1	.2	.1	.1	.1	.1	.2	.2																			48	48			
74/ 73		.0	.1	.1	.1	.2	.2	.2	.2	.2	.2	.0																			53	53			
72/ 71		.1	.1	.3	.2	.3	.2	.3	.3	.3	.2	.2																			105	105	11	1	
7 / 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	.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	1.0	1.0	1.2	.5																									218	218	315	176	
38/ 37	.0	.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	.0	.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						Total																							
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$																								
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

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																					109
14 / 13																					129
12 / 11																					93
10 / 9																					48
8 / 7																					17
6 / 5																					6
4 / 3																					4
2 / 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

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	16520751	254323	57.720	490	4409							
Dry Bulb	12420724	227864	51.712	090	4409		30.6	86.9	25.1	2.4		672
Wet Bulb	9300736	196790	44.610	833	4409		92.5	8.8				672
Dew Point	6471285	156883	35.614	201	4409		301.3	4.7				672

USAFETAC FORM 0-26-5 (OL A) REVISED PERIODIC 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 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														
79 / 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															
71 / 69		.5	.8	.3		.1												13	13	10	3														
69 / 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														
61 / 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														
51 / 49		1.7	3.0	1.7	.8	.1												56	56	58	42														
49 / 47		1.3	1.8	.9	1.0	.5												43	43	56	38														
47 / 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														
41 / 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)	Σ ₁		Σ ₂		Y	Y _a	No. Obs.	Mean No. of Hours with Temperature										Total																	
Rel. Hum.								≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																						
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

FORM 0-26-5 (D.L.A.) REPROD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC
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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL 73-81 MAR

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
6/7																				
TOTAL	1.7	26.4	39.1	19.9	9.6	2.6	0.8											773	773	773
Element (X)	$\Sigma X'$	ΣX	X	σ_s	No. Obs.	Mean No. of Hours with Temperature					Total									
Dry Bulb	4461883	57833	74.8	13.229	773	≥ 6 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Wet Bulb	2210563	40727	52.7	9.710	773		1.2	6.9	1.4			93								
Dew Point	1914978	37719	48.8	9.846	773		3.1	3.6				93								
	1698710	34482	44.6	11.802	773		17.2	2.3				93								

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		= 31	Dry Bulb	Wet Bulb
82/ 81						.2	.1	.1									4	4		
79/ 79					.8	.1	.2		.1	.1							12	12		
75/ 77					.5	.1	.6	.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	
71/ 69	.1	.8	.4	1.7	1.0	.6	.7	.2	.8								53	53	18	
60/ 67	.2	1.7	1.4	1.1	.4	1.1	.8	.4									59	59	17	
66/ 65	.4	1.3	2.0	1.0	1.0	.8	.5	.4									61	61	30	
64/ 63	.4	1.4	1.6	1.1	1.2	.8	1.1	.1									69	69	56	
62/ 61	.2	1.0	1.8	1.0	1.4	1.0	.8	.8	.1								68	68	61	
60/ 59	.2	.7	.5	.8	1.4	1.0	1.6	1.2									62	62	76	
57/ 57	.1	1.4	1.1	1.1	1.9	.8	.6	.7	.2								67	67	54	
56/ 55	.1	.8	.7	.5	.5	1.1	1.8	.1									47	47	63	
54/ 53	.4	.8	.8	1.1	.8	1.0	.2										43	43	66	
52/ 51	.4	1.0	.6	1.3	1.1	.8											40	40	56	
51/ 49	.6	1.2	.5	1.9	.8	.4											45	45	50	
48/ 47	.8	.5	1.3	1.0	.6												35	35	53	
47/ 45	.5	.5	.5	.6	.4												20	20	54	
44/ 43	.1	.2	.2	.5	.1												10	10	56	
42/ 41		.1	.5	.5	.1												10	10	45	
41/ 39			.2														2	2	26	
38/ 37			.2	.1	.1												4	4	14	
36/ 35																			8	
34/ 33			.2	.1													3	3	6	
32/ 31				.1													1	1	4	
30/ 29																			2	
28/ 27			.2														2	2	2	
26/ 25			.1														1	1	1	
24/ 23																			4	
22/ 21																			10	
20/ 19																			10	
18/ 17																			2	
14/ 13																			3	
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL
 STATION STATION NAME

73-81 YEARS

MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
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	.2	.2	.2	.2	.2					18	18																
81/ 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															
71/ 69			.2	1.0	.6	1.1	1.3	1.0	1.0	1.0	.7							65	65	30	5														
67/ 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														
61/ 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														
57/ 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														
51/ 49		.2	1.4	.5	.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														
41/ 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														
31/ 29																				1	22														
28/ 27																				1	29														
26/ 25																				1	29														
24/ 23																					11														
22/ 21																					9														
21/ 19																					9														
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 NO. 10-66 (10-1) AIR WEATHER SERVICE USE ONLY
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	= 31	Dry Bulb
38/ 87										.2							2	2	
36/ 85								.1		.1	.4			.1			6	6	
44/ 83						.1	.7	.1	1.0	.6	.4	.1					25	25	
42/ 81						.7	.8	.2	.4	.8		.2	.4				30	30	
47/ 79				.2	.5	.8	1.0	.5	1.6	.6	.4	.1					51	51	
77/ 77				.2	.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
71/ 71			.5	.2	.7	.4	1.0	1.0	1.0	1.6	.2						54	54	15
77/ 69			1.1	.1	.4	1.2	.6	1.0	1.3	1.2							57	57	26 7
67/ 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
59/ 59	1.3	1.6	.2		.4	.6	1.1	1.0									51	51	79 31
56/ 57	.5	.6		.5	.2	.7	.6	.1									27	27	89 33
57/ 55	.2	.6	.6	.4	.2	.4	1.3										31	31	54 41
54/ 53		.2	.4	.5	.5	.4											16	16	47 36
72/ 51		.6	.1	.7	.2	.5	.1										19	19	59 48
57/ 49	.4	.7	.5	.2		.4	.2										20	20	67 52
47/ 47		.2	.2	.4		.1											8	8	60 38
46/ 45		.1	.1	.1	.5												6	6	50 51
44/ 43	.2	.1			.1												4	4	27 41
42/ 41	.1	.2															3	3	20 26
47/ 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
72/ 31																			51
37/ 29																			31
26/ 27																		2	30
27/ 25																		1	26
27/ 23																			14
22/ 21																			12
Element (X)	Z ₁	Z ₂	X	X ₁	No. Obs.	Mean No. of Hours with Temperature						Total							
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F								
Dry Bulb																			
Wet Bulb																			
Dew Point																			

FORM 0-26-5 (OLAI) REPRODUCED BY THE AIR FORCE OFFICE OF 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 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
7 / 19																						
8 / 17																						4
1 / 15																						3
1 / 13																						2
1 / 11																						3
1 / 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

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2195471	39287	46.9	20.503	837	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
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	37146	44.4	12.855	837		20.6	1.8				93

USAFETAC FORM 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

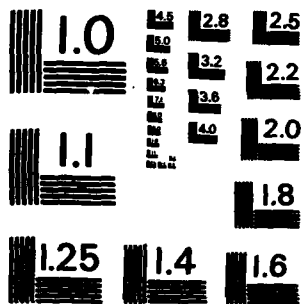
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UNCLASSIFIED

USAFETAC/DS-82/081 SBI-AD-EB80 208

F/O 4/2

NL



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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL 73-81 MAR
STATION STATION NAME YEARS 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
76/ 75			.1	.8														8	8		
74/ 73			.5	.9	.1	.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	.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
14/ 13																					3
TOTAL	.1	11.8	24.3	25.0	19.3	12.6	4.7	1.5	.4	.1	.1							740	740	740	

Element (X)	2 ₁	2 ₂	X	C ₁	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.	3417768	48932	66.115.701	740		≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	2495208	42477	57.4	8.780	740			.9	14.8	2.6		93
Wet Bulb	2028038	38134	51.3	9.003	740			1.5	4.0			93
Dew Point	1637862	33704	45.5	11.747	740			15.0	2.3			93

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FORM 6-26-5 (OL.A) AIR WEATHER SERVICE OF THE U.S. AIR FORCE
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIP WEATHER SERVICE/MAC

USE WITH CAUTION
 SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

722265
 STATION

MAXWELL AFB AL
 STATION NAME

73-81
 YEARS

YEARS

MAR
 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					
88/ 87											.0						.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	.3	.1							219	219	15						
72/ 71		.2	.7	.4	.8	.5	.6	.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	1.0	.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	1.0	.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	1.0	.7	.7	.7	1.0	.8	.3									335	335	406	210					
58/ 57	.1	1.0	1.2	.8	1.2	.7	.6	.7	.1									336	336	917	256					
56/ 55	.3	.9	1.0	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	1.0	.9	.9	.5	.3	.0										229	229	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	299					
40/ 39		.2	.4	.2	.1													47	47	136	240					
38/ 37		.1	.2	.2	.1	.0												32	32	129	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	97					
Element (H)	Σ ₁ ²	Σ ₁	Σ	° ₂	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 (O.L.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 MAXWELL AFB AL 73-81 MAR
STATION STATION NAME YEARS MONTH

PAGE 2 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL D.B./W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22		23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point
19																				2	46
17																					25
15																					11
13																					8
11																					5
9																					4
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	

Element (X)	ΣH	ΣW	ΣT	ΣP	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 92 F$	
Rel. Hum.	18646788	284714	58.5	20.189	4865							
Dry Bulb	18859757	298419	61.3	10.679	4865		3.8	245.3	117.9	26.5		748
Wet Bulb	14110966	258188	53.1	9.203	4865		9.8	67.7	2.3			748
Dew Point	10897313	218929	49.0	12.293	4865		140.8	17.7				748

USAFETAC FORM NO. 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL STATION NAME

73-81 YEARS

YEARS

APR 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
76/ 77					.1												1	1	
76/ 75				.7													5	5	
74/ 73			.3	.7	.4	.1	.1										12	12	
74/ 71			1.2	1.3	.4	.1	.1										24	24	1
71/ 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
67/ 65	.3	3.3	2.1	3.0	1.4	.1	.5										82	82	37
64/ 63	.4	2.0	2.8	3.3	2.0	.8	.4										88	88	61
62/ 61		1.6	2.9	1.6	1.7	.4	.3										64	64	62
61/ 59		1.6	3.9	2.0	1.8	.8	.4										80	80	73
57/ 57		1.8	2.9	3.0	1.4	.3											72	72	75
56/ 55		1.6	2.1	2.4	1.4	.4	.1										61	61	74
54/ 53		.8	2.5	1.2	.9	.1											42	42	62
52/ 51	.4	1.1	2.4	1.4	.3	.3	.1										45	45	72
51/ 49		.8	1.1	1.7	.7	.3											34	34	54
48/ 47		1.2	.5	.8	.5												23	23	47
46/ 45		.7	1.1	.5	.3												19	19	44
44/ 43		.1	.5	.8	.1												12	12	22
42/ 41	.1		.3														3	3	21
41/ 39		.5															4	4	13
38/ 37		.1															1	1	11
36/ 35																			2
34/ 33	.1																1	1	1
32/ 31																			12
31/ 29																			5
27/ 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
Element (X)	Z _g	Z _g	Z _g	Z _g	Z _g	Z _g	Z _g	No. Obs.	Mean No. of Hours with Temperature					Total					
Rel. Hum.	4187794	55620	73.1	12.703	761	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F		90						
Dry Bulb	2741943	45329	59.6	7.427	761			15.4	2.1				90						
Wet Bulb	2387804	41702	54.8	7.437	761			3.5					90						
Dew Point	2087804	38517	50.6	9.071	761			3.3	1.3				90						

USAFETAC FORM 0-26-5 (OL A) INVERSE REVERSUS SENSORS OF THIS TYPE ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

722265
STATION

MAXWELL AFB AL
STATION NAME

73-81
YEARS

APR
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	=31	Dry Bulb	Wet Bulb	Dew Point																	
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	1.1	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	.3	.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	
Element (X)	Σ ₁		Σ ₂		Σ ₃		Σ ₄		No. Obs.		Mean No. of Hours with Temperature								Total																		
Ref. Hum.	2638641		44267		54.9		16.052		806		= 67 F	= 72 F	= 80 F	= 93 F	Total																						
Dry Bulb	3890359		59658		69.1		7.668		806		57.7	32.4	7.0		90																						
Wet Bulb	2859978		47670		59.1		7.101		806		13.6	.2			90																						
Dew Point	2191599		41229		51.2		10.128		806		4.5	2.1			90																						

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

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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE 1 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
89												.1			.4	.2		6	6	
87												.4		.7	.7	.1	.4	19	19	
85											1.6	.7	.4	1.5	1.2	.5		48	48	
83										.2	1.0	1.6	1.1	1.5	1.1			54	54	
81							.1	1.5	2.1	1.5	1.7	2.7	.9	.1				87	87	
79					.1		1.4	1.9	1.4	.7	1.9	1.4	.2		.1			72	72	
77				.5	.6	1.4	1.1	1.2	1.1	1.7	1.5	.9						81	81	
75			.1	.5	.9	1.4	1.1	1.1	.9	1.1	2.0	.1						70	70	
73			.1	.6	.6	.5	1.1	.6	1.0	1.6	1.2	.1						61	61	4
71			.5	.9	.6	.5	.5	.6	2.0	2.0	.1							62	62	28
69			.6	1.5	.2	.6	1.1	1.5	1.1	1.2	.2							66	66	65
67		.4	.7	.5	.1	.4	.2	.6	1.4	.7								41	41	77
65		.7	.5	.9	.1	.6	.5	1.5	1.2									49	49	97
63	.1	.2	.5	.4	.6	.4	.6	.6	.1									29	29	97
61		.4	.6	.5	.1	.7		.2										21	21	92
59		.2	.2	.4	.4		.4	.2										15	15	57
57		.1				.4	.5	.5										12	12	71
55		.6		.1		.1	.2											9	9	85
53				.2		.5	.1											7	7	41
51							.1											1	1	53
49																				14
47																				8
45																				10
43																				10
41																				1
39																				
37																				
35																				
33																				
31																				
29																				
27																				
25																				

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL
STATION STATION NAME

73-81
YEARS

APR
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22		23-24	25-26	27-28	29-30	=31	Dry Bulb
89/89									.1	.7	.1	.7	.5	.7	.5		6	6	
88/87									.5	.6	.4	2.0	1.9	.4			28	28	
86/85									.1	.2	.6	2.2	1.2	1.5	1.5	.1	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	
81/79					.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
71/69			1.1	.5	.2	1.2	1.2	1.4	1.4	.9							64	64	53
68/67	.7	1.1	.2	.1	1.0	.9	1.0	.6									46	46	85
66/65	.6	.5	.5	.1	.1	.2	.7	.1	.1								25	25	97
64/63	.1	.6	.7	.7	.7	.1	.1	.1									20	20	114
62/61	.5	.6	.4	.1	1.1	.2	1.0										32	32	71
60/59	.2	.5	.1	.1	.1	.4	1.0										20	20	79
58/57	.2	.1				.1	.1										5	5	94
56/55	.1				.2	.5											7	7	53
54/53			.1	.2	.1												4	4	53
52/51																			43
50/49																			7
48/47																			11
46/45																			17
44/43																			3
42/41																			
40/39																			
38/37																			
36/35																			
34/33																			
32/31																			
30/29																			
28/27																			
26/25																			
24/23																			
Element (X)	Σg		Σj		I	g	No. Obs.		Mean No. of Hours with Temperature							Total			
Wet Bulb									+ 8 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F					
Dry Bulb																			
Dew Point																			

FORM 0-26-5 (OLAI)
 USE PREVIOUS EDITIONS OF THIS FORM AND CHANGE
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265
 STATION

MAXWELL AFB AL
 STATION NAME

73-81
 YEARS

YEARS

APR
 MONTH

PAGE 2 1500-1700
 HOURS (L. S. T.)

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

Element (K)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	1826979	35641	44.1	7.827	809	= 6 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
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

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USAFETAC FORM 0-26-5 (OLA) REVERSE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL STATION NAME

73-81 YEARS

APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
6/ 85													.1					1		1															
4/ 83							.1			.4		.5	.3			.1	.1	6		6															
7/ 81						.1	.3	.4	.1	.5	.3							13		13															
7/ 79						.6	.6	1.3	.6	.5	.4							32		32															
7/ 77				.1	1.5	.8	1.4	1.1	1.5	.3	.3	.1						56		56															
6/ 75			.1	.1	1.0	2.5	1.6	1.3	1.4	.4	.1							68		68															
4/ 73			.1	1.3	1.9	1.6	1.8	1.8	.9	.1								75		75															
7/ 71		.1	.9	.8	2.1	2.5	1.9	1.3	1.0	.5								88		88		6													
7/ 69		.1	1.1	1.1	1.5	2.3	1.6	1.0	1.0	.1								79		79	27	3													
6/ 67		.3	2.7	.5	.8	1.4	1.9	.8	.9	.4								75		75	44	5													
6/ 65		1.4	1.4	.6	1.0	1.5	1.6	.8	.6									71		71	91	26													
4/ 63		.9	.6	1.3	.9	1.5	1.4	1.1	.5									65		65	103	58													
2/ 61		.5	.6	1.0	1.0	1.0	.4	.8										42		42	98	50													
5/ 59		.9	.3	.6	1.3	1.3	1.0	.1										43		43	75	56													
5/ 57		.4	.5	.3	1.1	.5	.3	.1										25		25	78	62													
5/ 55		.1	.4	.8	.3	.6	.8											23		23	62	55													
4/ 53			.1	.5	.1	.6	.3											13		13	62	68													
2/ 51			.1	.1	.6	.4												10		10	49	53													
5/ 49			.1		.4													4		4	42	58													
4E/ 47				.1	.1													2		2	21	51													
4E/ 45																					9	52													
4E/ 43																					14	37													
4E/ 41																					9	41													
4 / 39																					1	21													
3E/ 37																						25													
3E/ 35																						22													
3E/ 33																						20													
2/ 31																						16													
7 / 29																						7													
2E/ 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													
Element (X)	Z _X '	Z _X	X	X	No. Obs.	Mean No. of Hours with Temperature				Total																									
Rel. Hum.	2668914	44120	55.8	16.227	791	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total																							
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) REVERSE SIDE OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265
 STATION

MAXWELL AFB AL
 STATION NAME

73-81
 YEARS

YEARS

APR
 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																
75/ 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			
71/ 69		.3	1.8	1.4	2.9	1.8	1.1		.2																							62	62	9		
67/ 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		
61/ 59	.3	.8	2.6	1.4	1.5	.6	.6																									51	51	87 52		
57/ 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		
51/ 49		.2	.6	.6	.8		.2																									15	15	38 54		
47/ 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	
41/ 39																																	4	4	30	
37/ 37																																			1	21
36/ 35																																				13
34/ 33																																				11
32/ 31																																				12
31/ 29																																				7
27/ 27																																				1
TOTAL	.8	7.1	19.8	25.4	27.2	12.3	5.4	1.4	.3	.3																							665	665	665	
Element (X)	Σ X'		Σ X		X	X	No. Obs.	Mean No. of Hours with Temperature						Total																						
Rel. Hum.	3099428		44530		67.0	13.308	665	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																						
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																						

FORM 0-26-S (O.L.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 MAXWELL AFB AL

73-81

YEARS

APR
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															
91/ 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	.5	.1					135	135																	
82/ 81						.1	.7	.7	.6	.9	.9	.3	.1	.1				209	209																	
81/ 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	309															
51/ 49		.1	.3	.4	.4	.1												61	61	203	314															
48/ 47		.2	.2	.3	.2	.0												43	43	199	289															
46/ 45		.1	.2	.1	.1													26	26	117	281															
44/ 43		.0	.1	.1	.0													13	13	67	298															
42/ 41	.0			.0														3	3	61	223															
40/ 39		.1																4	4	22	187															
36/ 37		.0																1	1	13	167															
36/ 35																				2	137															
34/ 33	.0																	1	1	1	84															
32/ 31																					80															
31/ 29																					58															
28/ 27																					38															
26/ 25																					16															
24/ 23																					3															
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.	Mean No. of Hours with Temperature							Total																					
Rel. Hum.								≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																							
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

FORM NO. 0-36-5 (01.A) REVISION PERIODIC EXTENSION OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL

73-74, 76, 78-81

MAY

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
74/ 73		.6	1.3	.6														4	4	
70/ 71		3.8	6.3	.6														17	17	3
7 / 69		1.3	6.3	.6														13	13	6
65/ 67		3.2	8.9			.6												20	20	8
66/ 65		9.5	3.2	.6	.6													23	23	24
64/ 63	1.3	6.3	4.4	.6		.6												20	20	16
62/ 61	.6	2.5	2.5	.6														10	10	22
6 / 59		.6	2.5	2.5	.6													10	10	9
58/ 57	.6	1.3	5.7	1.9														15	15	12
56/ 55		.6	3.2	.6														7	7	7
54/ 53		.6	2.5															5	5	13
52/ 51		.6	3.2	.6														7	7	10
5 / 49		1.3	1.9															5	5	7
48/ 47		1.3																2	2	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

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	1102994	13136	83.1	8.323	158	≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	634700	9962	63.1	6.479	158			31.8	2.4			93
Wet Bulb	576638	9486	60.0	6.732	158			17.1				93
Dew Point	838021	9161	57.9	7.644	158			8.2				93

FORM 0-26-5 (O.L.A.) AIR WEATHER SERVICE OF THE FISH AIR OBSERVATORY
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL 73-81 YEARS MAY
STATION STATION NAME MONTH
PAGE 1 0600-0800
HOURS (L. S. T.)

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

Element (X)	ΣX^1	ΣX^2	ΣX	ΣX^3	No. Obs.	$\pm 0 F$	$\pm 32 F$	Mean No. of Hours with Temperature			Total
						$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$		
Rel. Hum.	4930978	63918	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 0-26-5 (OL A) REVERSE SIDE OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
92/ 91								.1										3	3																
9 / 89								.2	.4	.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	.3	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																
81/ 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	.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														
61/ 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														
41/ 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 (K)	2 _g ¹	2 _g	X	σ _g	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	3109668	49446	59.4	14.278	833	≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	4795761	62981	75.6	6.386	833			85.1	63.4	26.9		93																							
Wet Bulb	3643668	54900	65.9	5.504	833			47.6	9.9			93																							
Dew Point	3019773	49747	59.7	7.664	833			17.8	.8			93																							

FORM 0-26-5 (O.L.A.) REVERSE NUMERICAL ERRORS OF THE FORM ARE CORRECT
 USAFETAC ALL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL STATION NAME

73-81 YEARS

MAY 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
86/ 95																		2	2		
84/ 93														.4	.6	.1	.1	10	10		
92/ 91													.2	1.0	.7	.1	.4	23	23		
87/ 89										.4	.5	1.3	1.8	.2	.5	.6	48	48			
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			
81/ 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	.8	1.8	.4							46	46	73	5	
71/ 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	
61/ 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	
51/ 49																			1	49	
48/ 47																				32	
46/ 45																				27	
44/ 43																				18	
42/ 41																				12	
41/ 39																				10	
38/ 37																				3	
36/ 35																				1	
34/ 33																				2	
32/ 31																				1	

USAFETAC FORM 0-26-5 (OLA) REVERSE SIDE OF THIS FORM ARE DISCARDED

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		= 31	Dry Bulb	Wet Bulb
04/ 93											.4						6	6		
07/ 91										.7	1.0						20	20		
07/ 89							.1	.5	1.2	1.6	.6	.5	.4				40	40		
08/ 87							.1	.1	1.6	3.2	1.6	.8	.5	1.0			74	74		
06/ 85							.5	1.4	3.0	3.0	1.3	.6	.7				88	88		
04/ 83					.1		.5	1.1	3.0	2.2	2.3	1.1	.5	.2			91	91		
02/ 81				.2		1.7	2.9	2.0	1.7	1.1	2.0	.1	.1				99	99		
01/ 79				.1	1.2	1.8	1.4	2.0	1.0	1.7	.5						81	81		
07/ 77				.8	1.3	1.6	1.7	1.1	1.8	1.2	.5						83	83	3	
06/ 75			.1	1.3	1.4	1.2	.8	1.4	1.0	1.3	.4	.1					76	76	15	
04/ 73			1.0	1.3	.6	.7	.1	.6	1.8	.6	.2						58	58	73 3	
02/ 71		.2	.8	.5	.5	.1	.4	.4	.4								27	27	129 7	
07/ 69		.6	1.9	.8	.7	.6		.2	.1								42	42	134 27	
06/ 67		.2	1.2	.5	.8												23	23	116 68	
06/ 65			.5	.6	.4												12	12	107 112	
04/ 63		.2	.2	.1	.1	.2											8	8	84 117	
02/ 61		.4		.4													6	6	79 91	
01/ 59																			43 76	
04/ 57																			34 53	
06/ 55																			15 54	
04/ 53																			2 41	
02/ 51																			34	
01/ 49																			49	
04/ 47																			37	
00/ 45																			23	
04/ 43																			14	
02/ 41																			13	
01/ 39																			9	
04/ 37																			1	
02/ 35																			3	
04/ 33																			1	
02/ 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	
Element (X)	Z _g '	Z _g	X	C _g	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.	2347268	42244	50.7	15.783	834	= 6 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total								
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			52.9	10.1			93								
Dew Point	2925066	48982	58.7	7.613	834			.1	11.7	.3		93								

USAFETAC FORM 0-26-5 (OLA) REVERSE NUMERICAL VERSIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL STATION NAME

73-81 YEARS

YEARS

MAY 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																
89								.2	.4			.1																				4	4			
87								.5	.5			.1																				7	7			
85								.6	1.2	.6		.5																				24	24			
83						.2	.5	1.3	.7	.5	.2	.4																				32	32			
81				.5	.6	1.7	1.5	1.1	.9	.2	.4	.1																				57	57			
79				.5	.9	4.3	1.8	1.0	.9	.9	.1																					84	84			
77		.1		1.0	3.8	3.0	1.5	.7	1.1	.2	.1																					95	95	1		
75		.9		2.6	3.9	1.8	1.3	.4	.2																							106	106	9		
73			1.9	2.9	2.1	1.9	1.6	.9	.5																							97	97	31		
71		.1	1.9	2.2	1.8	1.5	1.3	.9	.4	.2	.1																					86	86	83		
69		1.1	2.8	1.9	1.6	1.7	.9	.6	.2																							89	89	134		
67		.7	1.9	1.1	.9	.6	1.1	.6																								57	57	126		
65		.7	1.1	.9	.5	.2	.9																									35	35	104		
63		.1	.5	1.5	.2	.9	.1																									27	27	102		
61		.2	.2	1.1	.6	.1																										19	19	86		
59			.2	.1	.1																											3	3	47		
57				.1																												1	1	43		
55																																			31	
53																																			23	
51																																			3	
49																																				
47																																				
45																																				
43																																				
41																																				
39																																				
37																																				
33																																				
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

Element (X)	Z ₁	Z ₂	X	Z ₂	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3300973	50741	61.7	4.491	823	≤ 0 F	≤ 32 F	≤ 67 F	≤ 72 F	≤ 80 F	≤ 92 F	Total
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	4.6			93
Dew Point	2958153	48981	59.8	7.236	823			13.4	.7			93

FORM 14 0-26-5 (OL A) AIR WEATHER SERVICE USE ONLY

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL 73-81 MAY
 STATION NAME YEAR 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		
80/ 81						.2	.4											3	3				
78/ 79				.2	.9	.9												11	11				
76/ 77		.2	.2	1.8	3.7	.9	.4	.2	.2									41	41				
74/ 75		.2	1.8	2.7	3.5	.7	.7	.8										55	55	2 1			
72/ 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	2.8	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			

Element (X)	$\Sigma X'$	ΣX	ΣX^2	ΣX^3	No. Obs.	Mean No. of Hours with Temperature					Total	
Ref. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	2671004	38104	69.7	5.527	547			69.0	32.1	1.2		93
Wet Bulb	2291618	34887	63.8	5.508	547			34.7	1.7			93
Dew Point	1987232	32780	59.9	6.957	547			15.3	.3			93

USAFETAC FORM 44 0-26-5 (OL A) REVERSE NEARBY EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

USE WITH CAUTION
 SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL
STATION STATION NAME

73-81
YEARS

MAY
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															
96/ 95											.0		.0					2	2																	
94/ 93										.1	.2	.0	.1					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		.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										195	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																					54															
40/ 39																					37															
38/ 37																					11															
36/ 35																					12															
34/ 33																					5															
32/ 31																					2															

Element (X)	Σ X ²	Σ X	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 NO. 0-26-5 (OL A)
 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL 73,75-76,78-81 JUN
STATION STATION NAME YEARS MONTH

PAGE 1 C300-0500
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																										
79			.7	.7																																2	2										
77		.7	2.0	.7																																	5	5	1								
75		2.0	7.9	2.6																																	19	19	1	1							
73		6.6	9.9	4.6	1.3	1.3																															36	36	12	4							
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					
67	1.3	6.6	1.3		2.0		.7																																18	18	31	27					
65		1.3	.7	1.3	.7																																		6	6	19	24					
63	.7			1.3	.7																																		4	4	6	12					
61		.7	.7		1.3																																		4	4	3	4					
59			.7																																				1	1	8	5					
57																																									4	5					
55																																										3	6				
53																																										1	1				
51																																												5			
49																																												1			
47																																												1			
45																																												1			
TOTAL	3.333	137.7	13.2	9.3	2.6	.7																																						151	151	151	

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.						≤ 6 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	1069248	12594	83.4	11.213	151							
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

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL STATION STATION NAME

73-81 YEARS

JUN MONTH

PAGE 1 0600-0600 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL																	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
6 / 89						.1												1	1															
8 / 87						.1												1	1															
16 / 85				.1	.5	.6		.1										11	11															
14 / 83				.3	1.4	.5	.3											19	19															
12 / 81			.3	1.6	2.1	.9	.5											43	43															
10 / 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													
76 / 75		1.8	6.5	6.3	1.5	1.3	.4	.3	.3									145	145	57	9													
74 / 73			4.1	6.2	4.3	.8	1.0	.8										135	135	121	53													
72 / 71	.1	3.4	3.5	.9	.9	.6	.8	.1										82	82	165	121													
7 / 69	.1	2.4	3.4	.9	1.0	.9	.5	.1										74	74	157	165													
6 / 67	.1	1.0	2.1	.6	.8	.6												42	42	88	122													
76 / 65	.1	.8	.8	.6	.6	.3												25	25	59	92													
74 / 63	.1	.3	.5	.3	.1	.1												11	11	45	69													
72 / 61		.3	.4	.3	.1													8	8	34	36													
70 / 59		.1	.3	.3	.1													4	4	29	21													
68 / 57			.3															2	16	29														
51 / 55																				7	22													
74 / 53																				3	22													
72 / 51																				1	17													
5 / 49																					6													
4 / 47																					8													
4 / 45																					3													
TOTAL	.6	14.2	29.7	26.3	14.7	10.0	4.3	.8	.4									797	797	797														
														797		797																		
Element (X)																																		
Rel. Hum.	Σ X'	Σ X	X	σ _n	No. Obs.	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total																						
Dry Bulb	426765	60659	76.1	11.759	797			84.4	62.0	13.8		90																						
Wet Bulb	4432955	59309	74.4	4.944	797			68.1	21.8	.1		90																						
Dew Point	3825551	55785	69.1	4.798	797			53.3	7.2			90																						
	3517229	52727	66.2	6.034	797																													

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥31	Dry Bulb
6/ 95								.2	.2	.1							5	5	
4/ 93							.4	.4	.4	.4	.1						13	13	
7/ 91						.1	.7	.7	1.0	.4	.4	.2					29	29	
7/ 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	
7/ 81			.1	2.5	4.7	3.0	2.0	.6	.4	.2							112	112	6
7/ 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/ 75		.5	1.4	.5	.7	.6	.4	.4	.2		.1						39	39	150
4/ 73		.1	.9	.9	.2	.4	.5	.6	.1								30	30	189
7/ 71		.1	.9	.2		.9	.1	.1									19	19	121
7/ 69		.4	.2		.1	.4	.1										10	10	68
5/ 67		.1			.1												2	2	45
6/ 65																			82
4/ 63																			92
7/ 61																			27
7/ 59																			60
7/ 57																			24
5/ 55																			23
4/ 53																			11
2/ 51																			27
5/ 49																			4
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)	ΣX'	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	2977977	47699	59.5	13.112	801	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 86 F	≤ 93 F	Total
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 44 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AFB WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL
STATION STATION NAME

73-81
YEARS

JUN
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
10/ 99										.5	.1	.2	.1					8			8														
18/ 97									1.1	.5	.2	.6						20			20														
6/ 95							.1	.2	1.5	.6	1.6	.4	.2					38			38														
14/ 93						.2	.4	1.7	2.5	1.4	.9	.1	.6					63			63														
11/ 91					.5	1.9	4.0	2.1	2.0	.1	.6	.1						91			91														
17/ 89				.4	2.5	3.7	3.7	2.1	.9	.6	.9							119			119														
18/ 87					2.1	4.2	3.5	3.0	1.2	.9	.7							126			126														
16/ 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														
1/ 81			.4	.6	.7	1.1	1.1	.2	.7	.6	.1	.2						48			48	7													
11/ 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													
16/ 75	.4	.4	.6	.1	.2	.4												17			17	165													
14/ 73	.5	.5	.4		.1	.1												13			13	163													
10/ 71	.5	.6	.1		.1													11			11	118													
17/ 69	.4	.2																5			5	69													
6/ 67																						49													
16/ 65																						38													
14/ 63																						25													
12/ 61																						13													
11/ 59																						5													
11/ 57																																			
5/ 55																																			
4/ 53																																			
12/ 51																																			
5/ 49																																			
4/ 47																																			
4/ 45																																			
44/ 43																																			
42/ 41																																			
38/ 37																																			
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													

Element (X)	X ₁	X ₂	X ₃	X ₄	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	2212468	40564	50.6	14.064	801	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
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

USAFETAC FORM AR 24 0-26-5 (OLA) REVERSE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 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															
12/101											.1	.1						2		2																
10/99											.1	.3						5		5																
8/97										.1	1.0	.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																
1/89							1.6	3.9	3.3	3.1	.8	.6	.4					109		109																
8/87						1.3	1.4	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	1.1	.9	.3	.4	1.5	.4	.4				59		59	1															
2/81				1.4	1.3	1.6	1.3	.6		.9	1.0	.1						65		65	1															
1/79			.4	1.3	1.1	1.1	.4	.5		.4								41		41	15															
7/77			1.0	1.1	1.4	.1	.3	.3	.1									34		34	102															
6/75		.6	1.1	.9	.3		.4	.1										27		27	146															
4/73		.3	.5	1.1	.1													16		16	184															
2/71		1.1	1.3	.3														21		21	123															
1/69		.1	.3	.1														4		4	89															
6/67		.4	.1															4		4	57															
6/65																					38															
4/63																					26															
2/61																					14															
1/59																					4															
1/57																																				
5/55																																				
4/53																																				
2/51																																				
5/49																																				
4/47																																				
4/45																																				
4/43																																				
4/39																																				
3/37																																				
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)	X ₁	X ₂	X ₃	X ₄	X ₅	X ₆	X ₇	X ₈	X ₉	No. Obs.	Mean No. of Hours with Temperature																									
Rel. Hum.	2321394	41048	51.3	16.4	12					800	= 6 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																			
Dry Bulb	6002940	69104	86.4	6.4	98					800			90.0	86.7	75.6	15.2	90																			
Wet Bulb	4200397	57875	72.3	4.1	11					800			80.8	50.5	.9		90																			
Dew Point	3419228	52016	65.0	6.8	19					800			44.9	8.3	.1		90																			

USAFETAC FORM 0-26-5 (OL A) REVISE PREVIOUS EDITIONS OF THIS FORM AND CALCULATE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL STATION NAME

73-81 YEARS

JUN MONTH

PAGE 1 1800-2900 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																			
6/ 95								.1		.2	.2							5		5																				
4/ 93							.1	.2		.1	.2							6		6																				
7/ 91						.2	.6	1.0	.6	.9	.4	.1						22		22																				
7/ 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																				
7/ 81			.1	1.1	3.1	3.2	2.4	1.1	.5	.6	.1	.1						100		100																				
7/ 79			1.0	2.4	3.1	2.0	1.1	1.0	.7	.5								95		95	8																			
7/ 77		.4	3.0	3.6	2.0	.7	.7	.4	.2	.2								93	93	39	1																			
6/ 75		.4	2.4	2.0	1.9	.2	.9	.6	.2									69	69	113	14																			
7/ 73		.7	1.7	2.1	.7	.1	.6	.5	.4									56	56	174	57																			
7/ 71		1.4	2.1	.6		.7	.5	.2										45	45	158	89																			
7/ 69		.6	1.2	.2	.1	.1												19	19	122	168																			
7/ 67		.2	.2		.1													5	5	74	122																			
6/ 65		.1																1	1	42	91																			
4/ 63																				33	84																			
7/ 61																				19	44																			
7/ 59																				16	20																			
7/ 57																				3	26																			
5/ 55																					25																			
4/ 53																					18																			
7/ 51																					16																			
5/ 49																					10																			
4/ 47																					11																			
4/ 45																					2																			
4/ 43																					1																			
7/ 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		801		801															
Element (X)	Z _x ²	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total																													
Rel. Hum.	3294755	49839	62.2	15.561	801	≤ 6 F	≤ 22 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																												
Dry Bulb	5251554	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	3800197	52709	65.8	6.298	801			50.7	8.1			90																												

USAFETAC FORM 0-26-5 (O.L.A.) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL STATION STATION NAME

73-81 YEARS

JUN 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																	
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			
0 / 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	
0 / 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	
0 / 59																																			11	20	
0 / 57																																			11	17	
5 / 55																																				7	
4 / 53																																				8	
2 / 51																																				15	
5 / 49																																				3	
0 / 47																																				1	
4 / 45																																				4	
TOTAL	.7	8.223	1.22	4.20	3.15	5.1	6.0	3.5	.6																									536	536	536	536

Element (X)	ΣX^1	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	2922399	39011	72.8	12.464	536	$\leq 8 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
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	35504	66.2	5.746	536			50.9	7.6			90

USAFETAC FORM 0-26-5 (OL A) REVISION 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

YEARS

JUN
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.S./W.B.	Dry Bulb	Wet Bulb	Dew Point
12/01												.0	.0					2	2		
10/99												.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		
2/91						.0	.3	.7	1.4	1.0	.9	.3	.3	.0				229	229		
7/89					.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	
7/81			.1	1.4	2.6	1.9	1.4	.7	.2	.4	.3	.1	.0					427	427	14	
7/79		.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
7/71	.1	1.6	2.1	.6	.3	.5	.3	.1										264	264	855	650
7/69	.1	1.0	1.4	.3	.3	.4	.2	.0										170	170	611	871
6/67	.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
7/61		.1	.1	.0	.1													12	12	129	264
7/59		.0	.0	.0	.0													5	5	84	160
7/57			.0															2	2	38	139
5/55																				10	115
4/53																				4	127
2/51																				1	128
5/49																					57
4/47																					40
4/45																					27
4/43																					3
2/41																					4
4/39																					3
3/37																					3
Element (X)	Σ x²		Σ x		Σ	Σ a		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.										≤ 8 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

FORM 0-26-5 (OL A) REVERSE AIRWEATHER SERVICE OF THE FOUR AIR CIRCLES
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AFS WEATHER SERVICE/MAC

USE WITH CAUTION
 SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

722265 STATION MAXWELL AFB AL STATION NAME 73-81 YEARS JUN 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																				
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																				

Element (X)	$\sum X'$	$\sum X$	X	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	1953033	291577	62.2	17.325	4689	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	31170210	380716	81.2	7.427	4689			708.5	627.3	416.4	45.0	720
Wet Bulb	23853557	333729	71.2	4.645	4689			607.0	318.5	6.8		720
Dew Point	20559437	308981	65.9	6.452	4689			405.2	74.0	.2		720

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

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL 73-74, 77-81 JULI MONTH
 STATION STATION NAME YEARS

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
7 / 81					.6												1	1			
7 / 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	
7 / 73	4.5	14.0	7.6	5.1	.6												50	50	39	28	
7 / 71	3.2	5.7	8.9	1.3	.6												31	31	50	36	
7 / 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
1 / 59																					1
2 / 51																					1
TOTAL	9.9	36.9	33.1	19.0	7.0												157	157		157	
																	157	157			

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Num.						≤ 60 F	≤ 52 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	1175948	13514	86.1	9.027	157			93.0	67.5	1.2		93
Wet Bulb	859915	11613	74.0	2.432	157			88.9	27.8			93
Dew Point	793182	11152	71.0	2.576	157			78.8	19.0			93
	760194	10912	69.5	3.373	157							

USAFETAC FORM 0-26-5 (OLA) REVERSED MIRROR EDITIONS OF THIS FORM ARE CANCELLED

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL

73-81

JUL
 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
/ 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		832		

Element (X)	ΣX^2	ΣX	X	σ_n	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	
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

FORM 12-54 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL
STATION STATION NAME

73-81
YEARS

JUL
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																			
10/99												.4																					3	3						
8/97																																		3	3					
6/95												.2																						8	8					
4/93										.1	.4	1.0	1.4																					29	29					
1/91										.4	1.7	2.0	1.6																						54	54				
1/89										1.4	3.7	3.3	.8																						80	80				
8/87										1.7	5.7	3.4	1.6	.8																					110	110				
6/85										1.0	3.5	7.0	2.5	1.0																						125	125			
4/83										.6	3.3	4.7	4.3	1.7																						127	127	2		
2/81										2.4	4.1	4.5	1.1	.7																						107	107	13		
1/79										.2	2.9	3.7	3.3	1.2																						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	
1/71										.2	.6																									7	7	74	178	
1/69																																					7	7	39	172
6/67										.4																										3	3	11	78	
6/65																																							4	36
4/63																																							17	
2/61																																							7	
1/59																																							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	

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Num.						$\leq 0 F$	$\leq 32 F$	$\leq 47 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	3722279	54737	65.9	11.648	830			93.0	91.9	78.5	4.8	93
Wet Bulb	5937387	70071	84.4	5.127	830			92.6	78.7	5.4		93
Dew Point	4245173	59289	71.4	3.573	830			85.6	37.6	.1		93

FORM 0-26-5 (O.L.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 JUL
STATION STATION NAME YEARS 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																				
1 - / 103													.1	.1																			2	2							
1 2 / 101												.4	.7																					9	9						
1 0 / 99										.1	.1	1.1	.2																					13	13						
6 / 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					
8 / 91					.1	.2	1.2	2.4	4.7	.7	.6											.1													84	84					
8 / 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				
7 / 81			.2	1.8	1.7	1.1		.2																											42	42	15				
7 / 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		
2 / 71	.1	.1	.1																																	3	3	59	165		
7 / 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		
7 / 59																																							3		
5 / 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)	Σ X'		Σ X		Σ X		Σ X		No. Obs.		Mean No. of Hours with Temperature						Total																								
Ref. Num.	2791134		46836		56.6		13.096		828		± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total																								
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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL STATION NAME

73-81 YEARS

JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point						
14/103													.1	.5								5	5			
12/101													.1	.4	.1								5	5		
10/99													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		
2/91									.5	2.6	3.9	2.0	.7	.2									81	81		
7/89			.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
2/81		.2	.4	1.3	1.5	.7		.1															35	35	9	1
7/79		.2	1.2	1.8	2.6	.5	.1																53	53	87	4
7/77			1.1	1.2	2.3	1.1	.1																58	58	211	14
6/75			1.0	1.5	1.3	.4		.1															35	35	215	67
4/73			.6	1.1	.6																		19	19	186	105
7/71			.7	.7																			12	12	89	156
7/69		.2	.4		.1																		6	6	43	181
6/67																									14	155
6/65																									2	65
4/63																									2	40
2/61																										14
7/59																										7
5/57																										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	ΣX^2	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	2976052	47642	58.1	15.938	820	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	6290868	71584	87.3	7.141	820			93.0	91.0	76.6	23.9	93
Wet Bulb	4648167	61689	75.2	2.980	820			92.5	76.0	3.3		93
Dew Point	4005569	57223	69.8	3.877	820			77.6	21.8	.3		93

USAFETAC FORM 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 MAXWELL AFB AL
STATION STATION NAME

73-81
YEARS

JUL
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	=31	D.B.-W.B.	Dry Bulb	Wet B.-lb	Dew Point																
10/99											.1								1		1																
8/97										.2	.2	.1							5		5																
6/95									.2	.6	.2								9		9																
4/93							.1	.7	.9	.9									21		21																
1/91						.4	.9	2.2	.7	.1									35		35																
1/89						1.5	2.7	1.7	.7	.2									56		56																
8/87				.1	.4	2.1	3.2	1.5	.6										64		64																
6/85				.5	2.4	3.1	2.2	1.3	.4	.1									82		82																
4/83				1.7	2.8	2.1	1.7	.2	.2										72		72																
1/81		.1	.9	3.7	4.3	2.1	.7	.2											98		98	2															
1/79		.9	3.9	4.5	3.4	1.2	.1												115	115	15	1															
7/77		1.7	3.3	3.9	2.1	.2													92	92	121	11															
6/75		2.4	3.4	3.4	.6	.1													82	82	228	63															
4/73	.1	1.6	2.8	1.1															46	46	197	13P															
1/71	.4	1.2	1.5																25	25	145	176															
1/69		1.2	.5																14	14	74	169															
6/67		.1																	1	1	33	150															
6/65																					3	59															
4/63																						32															
1/61																						12															
1/59																						2															
1/57																						4															
5/55																						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															
																			818		818																

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	4096454	56628	69.2	14.688	818	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
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 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

YEARS

JUL
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
89							.2	.2	.2										3		3														
87						.2	1.3	.7											12	12															
85				.2	.2	1.8	1.1	.5											21	21															
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													
77	.2	3.6	6.0	7.7	3.5	.4													117	117	20	8													
75		3.6	8.6	4.6	.9	.2													98	98	123	33													
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													
67		.4																	2	2	28	93													
65																					9	48													
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														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_s	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
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

FORM 0-26-5 (O.L.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

YEARS

JUL
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																	
1 / 103													.0	.1																			7	7			
2 / 101														.2	.0																			14	14		
10 / 99													.0	.5	.1	.0																		31	31		
8 / 97													.5	.6	.4	.1	.0																	76	76		
6 / 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		
2 / 91						.0	.1	.6	1.3	2.1	.7	.2	.0	.0																				254	254		
7 / 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
7 / 81		.1	.9	2.9	2.7	1.2	.3	.1	.1																									399	399	39	1
7 / 79		.3	3.0	3.4	2.7	1.0	.1	.0																										510	510	349	13
7 / 77	.7	1.4	3.2	3.5	1.4	.2	.0																											470	470	837	93
6 / 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
7 / 71	.3	1.4	2.0	.1	.0																													188	188	742	1037
7 / 69	.1	.7	.5	.0	.0																													68	68	424	1039
6 / 67		.4	.0	.0	.0																													19	19	177	772
6 / 65		.0																																2	2	42	327
4 / 63																																				6	160
2 / 61																																				1	55
7 / 59																																				1	19
5 / 57																																					19
5 / 55																																					6
4 / 53																																					6
2 / 51																																					1
TOTAL	1.0	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	
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature					Total																										
Rel. Hum.	23686974	329444	68.2	15.956	4833	≥ 0 F	≥ 32 F	≥ 67 F	≥ 75 F	≥ 80 F	≥ 93 F	Total																									
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	23997458	340121	70.4	3.569	4833			652.7	214.3	.8		744																									

USAFETAC FORM 0-76-3 (O/L) REVERSE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265
 STATION

MAXWELL AFB AL
 STATION NAME

73, 75-76, 78-81
 YEARS

AUG
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
7- / 77		2.9	2.9	.7														9	9																	
76 / 75		8.3	7.2	2.2														24	24	7	3															
74 / 73	2.9	15.2	16.7	.7	.7													50	50	25	22															
7 / 71	.7	12.3	11.6	.7														35	35	40	25															
7 / 69	.7	6.5	2.9	.7														15	15	37	35															
5 / 67		1.4	1.4															4	4	18	31															
6 / 65																				6	13															
4 / 63																				2	6															
2 / 61		.7																1	1		2															
1 / 59																				1																
1 / 57																					1															
TOTAL	4.3	47.1	42.8	5.1	.7													138	138		138															

Element (X)	Z _g '	Z _x	I	σ _g	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.	1081155	12181	88.3	6.596	138	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
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

FORM 0-26-5 (O. A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC AIR 54

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL 73-81 AUG
 STATION STATION NAME YEARS MONTH
 PAGE 1 0600-3800
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb
6/ 85					.1	.1											2	2		
4/ 83				.5	.8												11	11		
2/ 81			.8	3.2	1.6												47	47		
0/ 79		.6	2.2	4.8	1.7												77	77	1	
7/ 77		1.6	7.9	6.3	.8	.2											141	141	19	3
6/ 75	.1	5.7	13.9	2.8	.5	.1											193	193	96	31
4/ 73	1.1	7.1	11.2	2.4	.1												182	182	209	118
2/ 71	.5	4.7	7.1	1.2	.2												114	114	241	213
0/ 69	.1	2.6	2.4	.6	.1												49	49	146	224
6/ 67		.7	.8	.2													15	15	83	142
6/ 65		.2	.1	.1													4	4	26	61
4/ 63		.1															1	1	10	19
2/ 61																			4	15
0/ 59																			1	7
8/ 57																				3
TOTAL	1.7	23.3	46.4	22.1	6.0	.5											836	836	836	836

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature				Total		
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
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 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265
STATION

MAXWELL AFB AL
STATION NAME

73-81
YEARS

AUG
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		=31	Dry Bulb	Wet Bulb
6/ 97								.5	.4	.1							1	1		
4/ 93								.8	.2								7	7		
8/ 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		
2/ 81			1.1	5.9	6.3	1.7	1.3	.2	.1								139	139	3	
7/ 79		.2	1.7	3.8	3.1	.5	.5	.1									83	83	60	
7/ 77		.4	1.8	4.1	1.6	.5	.1										70	70	204	
6/ 75	.1	.4	1.6	1.1	.2	.1											29	29	248	
4/ 73		.4	1.4	.5	.1	.1											21	21	187	
7/ 71		.1	.7														7	7	73	
7/ 69																			45	
6/ 67																			13	
6/ 65																			4	
4/ 63																			16	
7/ 61																			11	
7/ 59																			7	
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	837		

Element (X)	ΣX^1	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	3913662	56648	67.7	9.766	837	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
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

FORM 54 0-26-5 (OL.A) REVERSE SERVICE BRANCHES OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL 73-81 AUG

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
10/99																		4	4	
8/97													.1	.4				5	5	
6/95												.1	1.6	.6	.6			24	24	
4/93								.2	1.9	2.6	2.9	.6						70	70	
2/91							.4	2.4	5.1	4.7	1.4	.6	.1					123	123	
1/89					.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	
2/81			.5	1.1	1.3	1.2	.2	.1	.2									39	39	18
1/79			.5	1.2	.7	.1	.2											23	23	114
7/77		.1	.2	1.2	.2	.1												16	16	231
6/75		.1	.1	.4														5	5	247
4/73			.8	.1														8	8	131
2/71			.1	.5														5	5	53
1/69		.2	.1															3	3	33
6/67																				9
6/65																				1
4/63																				
2/61																				
1/59																				
5/57																				
5/55																				
TOTAL		.6	2.7	5.0	7.6	16.7	20.9	22.9	12.7	7.4	2.9	.5						837	837	837
Element (X)	ΣX^2	ΣX	X	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	2837670	47938	57.3	10.495	837	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
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	70.9	3.707	837			81.8	27.9			93								

USAFETAC FORM 82 0-26-5 (O.L.A.) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb
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	1
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)	Σx'	Σx	X	σ _x	No. Obs.	≤ 6 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	62623	75.1	2.817	837			93.0	77.1	3.7		93								
Dew Point	4092194	58440	69.8	3.768	837			78.1	23.1	.2		93								

USAFETAC FORM 0-26-5 (OL A) REVISED PERIODIC SERVICES OF THE FORM ARE OBSOLETE JAN 64

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC

722265 MAXWELL AFB AL STATION NAME

73-81 YEARS

PAGE 1 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
6/95																		2	2	
4/93														.1	.1			2	2	
7/91										.1	.2	.2	.1				6	6		
7/89								.2	1.1	1.0	.4	.1	.1				24	24		
8/87						.1	2.9	2.4	1.2	1.0							63	63		
6/85				.5	2.4	5.1	2.3	1.0	.1								95	95		
4/83				2.8	4.0	3.0	1.9	.6	.1	.1							104	105		
7/81		.1	.7	4.3	6.3	2.9	.5	.5									128	128		
7/79		.1	2.9	5.7	4.2	1.6	.5	.2									127	127	17	
7/77		.8	4.7	4.3	2.8	.1	.5										110	110	100 7	
6/75	.1	2.0	4.7	2.6	.6	.4											87	87	211 57	
4/73	.5	2.4	3.8	.5	.1												61	61	232 150	
7/71		.6	1.3	.1													17	17	163 219	
7/69		.4	.6														8	8	75 172	
6/67			.1														1	1	29 137	
6/65																			8	52
4/63																				12
7/61																				18
7/59																				8
5/57																				2
5/55																				1
TOTAL	.6	6.5	13.8	20.8	20.5	16.2	9.2	4.7	1.9	.6	.2						835	836	835	

Element (X)	$\Sigma X'$	ΣX	Σ	σ_n	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4395779	59749	71.6	12.015	835	+0 F	+32 F	+67 F	+73 F	+80 F	+93 F	Total
Dry Bulb	5454285	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			82.4	23.8			93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265
 STATION

MAXWELL AFB AL
 STATION NAME

73-81
 YEARS

AUG
 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
8 / 87						.2											1	1	
6 / 85					.5	.2											4	4	
4 / 83			.2	.7	1.4	.4		.2									16	16	
/ 81		1.4	3.0	3.4	.9	.2	.2										51	51	
/ 79		.2	5.2	8.3	3.4	1.1											102	102	2
7 / 77		2.8	7.8	7.3	3.7	.2	.2										141	141	20
6 / 75		3.9	7.8	5.3	2.7	.5											127	127	100
4 / 73	.4	4.6	6.7	1.6	.5	.2											79	79	166
/ 71		1.8	3.4	.4													31	31	146
/ 69		.5	.7	.2	.2												9	9	91
6 / 67		.4															2	2	25
6 / 65																			11
4 / 63																			2
2 / 61																			
/ 59																			7
TOTAL	.4	14.2	39.3	26.8	15.1	3.6	.4	.4									563	563	563
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	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	87.6			93							
Dew Point	2780255	39525	70.2	3.109	563			82.9	22.8			93							

FORM 0-26-5 (O. 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 MAXWELL AFB AL 73-81 YEARS AUG 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
10/ 99										.0	.1	.1					9	9	
8/ 97									.0	.1	.1	.1					13	13	
6/ 95								.0	.4	.3	.2	.1					49	49	
4/ 93							.0	.5	1.0	.9	.2	.0					133	133	
1/ 91						.1	.8	1.8	1.7	.8	.1	.0					266	266	
1/ 89					.0	.9	2.5	3.7	.9	.6	.2						427	427	
8/ 87			.0		.4	3.1	3.3	1.4	.6	.2	.1						446	446	
6/ 85			.0	.2	2.2	4.2	2.2	1.0	.3	.1	.0						483	483	
4/ 83			.0	1.3	3.3	1.9	.9	.3	.2	.0							393	394	1 1
1/ 81		.0	.8	3.3	3.2	1.3	.4	.3	.1								454	454	31
1/ 79		.2	1.9	3.9	2.2	.5	.2	.1									443	443	257 4
7/ 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
7/ 69	.3	.8	.8	.1	.0												89	89	463 1088
68/ 67		.2	.2	.0													22	22	198 704
6/ 65		.0	.0	.0													4	4	58 313
4/ 63		.0															1	1	14 113
2/ 61		.0															1	1	4 73
1/ 59																			2 50
1/ 57																			24
5/ 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					4893	4894	4893

Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Ref. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	24865199	341421	69.8	14.593	4893			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 AIR 34 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 STATION MAXWELL AFB AL 74,76,78-81 YEARS 7P

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
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		
7 / 71		7.2	17.6	2.4		.8												35	35	9	7		
7 / 69		2.4	13.6	.8														21	21	23	14		
68 / 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		
60 / 59					.8													1	1	12	7		
58 / 57		.8																1	1	2	6		
56 / 55		.8																1	1	4	6		
4 / 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		21.66	10.0	14.4	2.4	.8	.8											125	125	125	125		

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_n	No. Obs.	Mean No. of Hours with Temperature					Total	
Ref. Num.	841588	10210	81.7	7.847	125	≤ 6 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
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	508894	7938	63.9	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 MAXWELL AFB AL 73-81 SEP
STATION STATION NAME YEARS 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
81					.1	.1											2	2		
79			.7	1.2	1.5	.5											32	32		
77		.6	1.7	2.7	1.5	.4											56	56		
75		1.6	5.1	5.2	1.5	.1											109	109	20	6
73	.6	4.0	7.2	5.9	.1												144	144	79	31
71	.4	5.6	7.1	2.6	.9												133	133	121	79
69	.1	3.7	6.7	.7	1.4	.5	.2										102	102	157	124
67	.1	1.4	3.1	2.1	.6	.2	.2										63	63	120	120
65		2.1	3.1	1.4	.4	.5	.4										63	63	78	114
63		.6	1.1	1.0	.1	.1	.1										25	25	53	94
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
53		.2	.5	.1													7	7	20	19
51			.6														5	5	6	18
49			.2														2	2	9	15
47																			4	10
45			.1														1	1	1	13
43																				4
41																			1	4
37																				1
TOTAL	1.2	20.7	41.1	24.6	8.8	2.6	1.0										808	808	808	808

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Num.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	5288515	64899	80.3	9.691	808			71.4	38.2	1.3		90
Wet Bulb	4055045	57053	70.6	5.733	808			55.4	11.0			90
Dew Point	3609430	53796	66.6	5.862	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 MAXWELL AFB AL 73-81 SEP
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point															
6/95											.1	.1																			2	2			
4/93												.2	.1																		4	4			
7/91						.1				.5	.5	.2																		11	11				
7/89							.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				
7/91			.7	2.5	4.6	3.2	1.4	.6	.4	.1	.2																			111	111	1			
7/79			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		
76/75		.6	1.7	1.9	1.5	1.2	.5	.7	.4																					69	69	137	32		
74/73		.5	.7	1.4	.1	1.4	.4	.4	.1																					40	40	198	62		
77/71		.6	1.0	.5	1.0	1.1	.2	.2	.1																					39	39	115	128		
77/69		.2	1.5	.9	1.0	.2	.2	.4																						36	36	74	129		
67/67		.1	1.1	.5	.4	.2	.1	.4																						23	23	37	128		
67/65		.2	1.0	.2	.1	.1	.1																							15	15	47	87		
67/63	.1	.1	.4	.1	.4	.1																								10	10	45	44		
67/61			.1	.6																										6	6	41	28		
77/59			.1	.1	.2																									4	4	18	39		
57/57			.2	.4																										5	5	9	39		
57/55			.1	.1																										2	2	12	22		
47/53																															2	2	9	15	
72/51																																	5	12	
57/49																																		14	
47/47																																		11	
47/45																																		9	
47/43																																		6	
72/41																																		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

FORM 0-26-S (O.L.A.) REVERSED MIRROR IMAGES OF THIS FORM ARE OBSOLETE
 USAFETAC

Element (X)	Z ₁	Z ₂	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total	
Ref. Num.	3590723	52865	65.3	12.983	809	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
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

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		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/101														.2				2	2		
10/89														.2	.4			5	5		
8/97													.5	.7	.1			11	11		
6/95										.2			.7	.4				11	11		
4/93									.2	1.1	2.7	.5		.1				38	38		
2/91							.1	1.4	2.2	2.7	1.2	.2		.2				66	66		
8/89						.1	1.0	4.4	2.2	2.1	.7	.1		.1	.1			89	89		
8/87						2.3	5.3	3.7	2.8	.4	.4	.2	.1					124	124		
6/85			.4	1.1	4.3	2.7	2.0	1.0	.2	.2	.1	.1						99	99		
4/83			.1	.5	2.8	3.2	2.0	1.2	1.1	.6	.5							98	98		
2/81				1.2	2.0	1.4	.7	.7	.6	.4	.5							61	61		
2/79		.1		.4	.6	.6	.6	.5	.6	.5	.1							33	33	11	
7/77			.2	.9	.5	.5	.4	.2	.4	.7								31	31	78	4
6/75		.2	.6	1.2	.7	1.0	.7	.4	.2									42	42	194	14
4/73		.5	.5	.4	.4	.4	.1	.2	.6									25	25	184	47
2/71		.1	.7	.4	.4	.5	.2	.2										21	21	99	105
2/69		.1	1.4	.5	.1													17	17	47	138
6/67		.1	.7	.2														9	9	48	109
6/65	.1	.4	.7															10	10	47	107
4/63			.1	.5														5	5	41	73
2/61			.5		.1													5	5	26	48
2/59			.1	.5	.1													6	6	13	36
2/57			.1	.1														2	2	12	28
5/55																				3	27
4/53																				6	14
2/51																				1	16
5/49																					14
4/47																					16
4/45																					5
4/43																					6
2/41																					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}	s_x	No. Obs.	$\pm 0 F$	$\pm 32 F$	Mean No. of Hours with Temperature				Total									
Rel. Hum.	2646368	44728	55.2	14.771	810			$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$										
Dry Bulb	5741471	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 0-20-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL 73-81 YEARS SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	=31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
10/89														.5	.1			5	5																
08/97													.9	.4				10	10																
06/95											.5	.7	.2					12	12																
04/93									.7	2.1	1.1	.2	.2					36	36																
02/91							.5	1.1	2.6	1.5	.4	.1		.2				52	52																
00/89						.1	.6	4.0	3.0	2.1	.5	.5		.1				88	88																
08/87						1.0	4.3	3.6	2.5	.5	.2	.6	.1					104	104																
06/85				.1	.6	2.9	3.3	2.2	1.0	1.4	.1	.1						95	95																
04/83				.4	1.5	1.2	2.1	1.7	1.5	.2	.2							72	72																
02/81		.2		.9	1.7	1.7	.6	.5	.1	.6	.6							57	57																
00/79		.2	.6	2.2	1.5	.7	.9	.4	.4	.6	.2							63	63	5															
08/77		.2	1.4	1.6	1.0	.5	.2	.4	.5	.5								51	51	49	4														
06/75	.1	.4	.9	1.2	.9	.9	.5	.5	.1	.1								45	45	139	12														
04/73			.1	1.0	.6	.4	.1	.1	.6	.1								25	25	228	44														
02/71			1.6	.7	.5	.2	.2	.1										28	28	105	84														
00/69	.4	.4	2.1	.4	.6	.2												33	33	73	110														
08/67		.2	.4			.1												6	6	62	123														
06/65		.1	.4	.1														5	5	46	102														
04/63			.2															2	2	36	88														
02/61			.5															4	4	29	58														
00/59		.5	.5	.2														10	10	10	48														
08/57			.5															4	4	16	35														
06/55																				3	27														
04/53																				2	8														
02/51																				4	24														
00/49																					14														
08/47																					10														
06/45																					9														
04/43																					6														
02/41																					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)	Z ₁ '	Z _X	X	X ₂	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	2775325	45385	56.2	16.6	807	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	
Dry Bulb	5601439	66933	82.9	7.8	807			87.2	79.7	63.5	7.0	90
Wet Bulb	4087079	57287	71.0	5.0	807			73.7	47.0			90
Dew Point	3401681	52109	64.6	6.7	807			42.0	6.7			90

USAFETAC FORM 0-26-5 (OLA) REVERSE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72265 MAXWELL AFB AL
STATION STATION NAME

73-81
YEARS

SEP
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														
8/89								.1	.6	.5	.1							11	11																
8/87							.2	.4	1.1	.5								18	18																
26/85					.1	.5	1.4	1.5	.7	.1								35	35																
24/83				.6	1.0	2.3	3.0	1.2	.1		.2	.1						70	70																
7/81			.2	1.7	2.3	3.3	1.7	.7	.1	.1								84	84																
7/79			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														
74/73	.1	1.0	2.1	2.7	1.4	.6	.4	.1	.4									71	71	164	54														
72/71		.7	2.7	1.9	.6	.4	.5	.5										59	59	165	92														
7/69	.4	.4	2.2	2.1	.4	.5	.2	.2										52	52	120	109														
64/67		1.2	.9	1.6	.2	.5	.2											38	38	86	116														
66/65		.1	.5	.4	.4	.1												12	12	60	124														
64/63			.4	.6	.2	.1												11	11	49	80														
62/61			.4															3	3	29	63														
6/59		.2	.4	.1														6	6	20	33														
50/57		.1	.9	.4														11	11	22	30														
51/55			.2	.1														3	3	8	20														
44/53																				9	23														
42/51																				4	21														
5/49																				1	8														
47/47																					13														
40/45																					9														
TOTAL	.5	6.7	19.2	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}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Ref. Num.	4013000	55832	69.0	14.065	809	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F																								
Dry Bulb	4765379	61679	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	6.473	809			42.8	7.6			90																							

FORM 0-26-5 (O.L.A.) REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL STATION NAME

73-81 YEARS

SEP 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
84/ 83							.2											1	1	
82/ 81				.4	.6	1.5	.6											16	16	
81/ 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
76/ 75	.2	2.8	7.2	5.1	4.2	.9	.2											112	112	19 10
74/ 73	.4	2.6	5.3	3.5	1.5	1.1	.4	.2										81	81	70 24
72/ 71		1.7	3.9	3.5	1.1	.2	.2											57	57	111 54
71/ 69	.6	.7	5.7	1.7	.2	.6	.2	.2										53	53	94 82
68/ 67		1.3	2.0	2.2	.2	.4	.6											36	36	73 82
67/ 65		.4	.9	1.5	.4	.2												18	18	61 81
64/ 63			1.3	.9	.2													13	13	34 56
62/ 61			.4	.9	.2													8	8	20 48
61/ 59		.4	1.1	.2														9	9	17 23
58/ 57			.4	.9														7	7	20 22
56/ 55			.6	.2														4	4	9 14
54/ 53			.2															1	1	8 12
52/ 51			.2															1	1	3 13
51/ 49																				2 8
48/ 47																				1 5
46/ 45																				8 8
44/ 43																				1 1
TOTAL	1.1	10.5	33.5	26.3	17.5	7.9	2.8	.6										544	544	544

Element (X)	Σx^1	Σx	\bar{x}	σ^2	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3220288	41452	76.2	10.660	544	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
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 16 0-26-5 (OL A) REVISE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL 73-81 YEARS SEP MONTH

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb Dew Point															
12/01														.0																	2		2	
0/99															.0																10		10	
8/97																.1	.3	.1													21		21	
6/95																.1	.2	.0													25		25	
4/93														.0	.3	.9	.3	.0	.1												78		78	
7/91						.0	.0	.3	.7	1.0	.5	.1	.0	.0	.0															129		129		
7/89					.0	.3	1.6	1.1	.9	.3	.1				.0	.0														213		213		
8/87					.9	2.0	1.6	1.2	.2	.1	.2	.0																		296		296		
6/85				.1	.4	1.8	1.9	1.4	.5	.3	.1	.0	.0																	305		305		
4/83			.0	.5	1.6	1.8	1.3	.8	.5	.2	.2	.0																		337		337		
7/81		.0	.2	1.1	1.9	1.8	.8	.4	.2	.2	.2																			331	331	1		
7/79		.1	.8	2.0	2.2	1.4	.6	.3	.3	.2	.1																			374	374	19		
7/77		.4	1.9	2.7	2.5	.6	.4	.2	.3	.2																				435	435	202	13	
6/75		.3	1.2	3.0	2.6	1.6	.8	.4	.4	.1	.0																			485	485	566	87	
4/73		.2	1.4	2.6	2.4	.6	.6	.2	.2	.3	.0																			403	403	934	268	
7/71		.1	1.6	3.2	1.5	.7	.4	.2	.1	.1																				372	372	725	550	
7/69		.2	.8	3.4	1.0	.6	.3	.1	.1																					314	314	588	706	
6/67		.0	.7	1.4	1.0	.3	.2	.2	.1																					186	186	454	696	
6/65		.0	.6	1.2	.6	.2	.1	.1																						136	136	356	637	
4/63		.3	.1	.6	.5	.1	.1	.0																						72	72	270	454	
2/61		.2	.6	.4	.1	.0																								64	64	209	300	
6/59		.2	.5	.3	.1																									52	52	129	229	
5/57		.1	.4	.3	.0																									40	40	105	202	
5/55		.0	.2	.1																										18	18	59	145	
4/53		.0	.1	.0																										9	9	55	95	
2/51		.1																												7	7	24	105	
5/49		.0																												2	2	13	75	
4/47																																	6	65
4/45		.0																												1	1	1	55	
4/43																																		25
2/41																																	1	9
3/37																																	1	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	
Element (X)	Z _x	Z _y	Z _z	X	Y	Z	No. Obs.	Mean No. of Hours with Temperature										Total																
Rel. Hum.	22411265	315791	66.9	16.410	4717	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																						
Dry Bulb	28793827	366421	77.7	8.364	4717	658.8	525.7	294.7	20.8	720																								
Wet Bulb	22887623	327671	69.4	5.704	4717	532.6	262.4	.3	720																									
Dew Point	20090337	306185	64.9	6.761	4717	354.1	56.2	720																										

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265
STATION

MAXWELL AFB AL
STATION NAME

73-81
YEARS

OCT
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															
76/ 75					.9																											1	1		
74/ 73							.9																									1	1		
72/ 71		.9	.9					.9																								3	3		
7 / 69		.9																													1	1	1	1	
67/ 67		1.8	.9	.9																											4	4	3	1	
66/ 65		1.8	3.5		.9																										7	7	2		
74/ 63		1.8	2.7																												5	5	5	5	
2/ 61		2.7	4.4	.9		1.8																									11	11	7	4	
7 / 59		4.4	5.3	1.8		.9																									14	14	10	4	
5 / 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	
2/ 51		1.8	4.4	1.8																											9	9	8	11	
5 / 49		1.8	1.8	1.8																											6	6	8	6	
47/ 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	
4 / 39																																	7	6	
37/ 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	
Element (X)	Z ₁	Z ₂	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	706343	8857	78.4	10.405	113	≤ 6 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
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 (O.L.A.) REVERSE 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 001 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
1/ 81		.1															1	1		
2/ 79			.1														1	1	1	1
3/ 77		.5															4	4	1	1
4/ 75				.2													2	2	4	4
5/ 73		.1	.2	.6													8	8		
6/ 71		.6	1.1	1.2		.1		.2	.1								27	27	4	1
7/ 69	.4	1.3	1.6	.4			.2	.1									33	33	13	8
8/ 67	.4	.6	3.7	1.2	.1	.1											50	50	31	21
9/ 65		1.5	2.4	.5	1.2	.1											45	45	28	18
10/ 63	.1	1.6	2.9	1.0	.2	.2	.2										52	52	48	37
11/ 61		3.2	3.2	1.1	.4												64	64	46	35
12/ 59		3.9	2.6	1.2	1.7	.2	.2										75	75	69	49
13/ 57		2.9	1.6	1.2	.9		.1										55	55	71	70
14/ 55	.2	3.5	3.9	1.8	1.6	.7											97	97	62	53
15/ 53		2.2	3.4	1.3	.5												61	61	66	52
16/ 51	.2	2.0	3.2	1.3	.4	.2											60	60	57	63
17/ 49		1.7	3.1	1.2	.2	.1											52	52	72	51
18/ 47	.1	2.0	1.8	1.2													42	42	67	58
19/ 45	.1	2.0	1.5	.9	.1												37	37	60	52
20/ 43		.7	2.1	.4													26	26	41	54
21/ 41		.6	.7	.1													12	12	32	50
22/ 39		1.1	.2														11	11	27	43
23/ 37		.2															2	2	16	36
24/ 35		.1															1	1	1	32
25/ 33																			1	14
26/ 31																				11
27/ 29																				3
28/ 27																				1
TOTAL	1.6	32.5	39.4	17.0	6.4	2.0	.9	.4									818	818	818	818

Element (X)	ΣX	ΣX^2	ΣX^3	ΣX^4	No. Obs.	Mean No. of Hours with Temperature				Total		
Rel. Hum.	5173075	64349	78.7	11.676	818	≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	
Dry Bulb	2734726	46814	57.2	8.247	818			14.3	1.8	.1		93
Wet Bulb	2409416	43874	53.6	8.294	818			6.1	.7	.1		93
Dew Point	2156119	41269	50.4	9.546	818		1.7	4.1	.7			93

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 MAXWELL AFB AL

73-81

OCT

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

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								.1	.2									3	3				
6/ 85			.2			.1	.1	.1										5	5				
4/ 83		.1					.8	.4	.4									14	14	1			
2/ 81					.1	.5	.5	.4	.1	.1								14	14	2			
1/ 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			
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			
2/ 71	.1	.2	.8	.8	2.3	1.4	1.4	1.0	.6	.1								74	74	22			
1/ 69		.5	1.2	1.3	1.7	2.0	1.1	1.2	.5	.1								80	80	54			
6/ 67		.5	.8	1.8	.8	1.8	.8	1.3	.7	.1								73	73	45			
6/ 65		.7	1.3	1.2	1.6	.8	2.5	1.0	.5									80	80	73			
4/ 63		1.0	1.1	1.2	1.1	1.3	1.9	.7	.4									72	72	79			
2/ 61	.1	.6	.4	.8	1.7	1.0	1.3	1.2										59	59	85			
1/ 59		.2	.6	.8	1.6	1.7	.7	.4										50	50	68			
1/ 57		.6	.8	.6	1.4	.5	.8											40	40	64			
5/ 55		.2	.4	.4	.5	1.3	.5											27	27	56			
4/ 53		.2	1.0	.4	.4	.5	.1											21	21	76			
2/ 51		.2	.1	.4	.2	.1												9	9	70			
5/ 49			.2	.2	.2													6	6	53			
4/ 47				.1														2	2	29			
4/ 45				.1														1	1	26			
4/ 43																				8			
2/ 41																				4			
4/ 39																				1			
34/ 37																				25			
31/ 35																				26			
34/ 33																				19			
32/ 31																				13			
31/ 29																				8			
21/ 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			
Element (X)	Z _g '	Z _x	X	X _g	No. Obs.	Mean No. of Hours with Temperature					Total												
Rel. Hum.	3070822	48870	58.6	15.771	834	≤ 6 F	≤ 32 F	≤ 67 F	≤ 75 F	≤ 80 F	≤ 93 F	Total											
Dry Bulb	3687938	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											

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL STATION STATION NAME

73-81 YEARS

OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.S./W.S.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point															
7 / 91							.1				.4	.4																				7	7		
/ 89							.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				
/ 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	.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	.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		
/ 61		.4	.1	.2	.1	.2	.1	.2	.2																					12	12	77	59		
/ 59		.2	.4	.4	.1	.2	.2	.5																						16	16	72	70		
5 / 57		.1	1.0	.1	.1	.1	.1	.1																						13	13	64	63		
5 / 55		.6	.1	.1	.4	.1																								10	10	59	54		
4 / 53		.2	.2		.1																									5	5	71	55		
/ 51				.1																										1	1	55	34		
5 / 49																															32	64			
4 / 47																															12	35			
4 / 45																															8	33			
4 / 43																																	29		
/ 41																																45			
4 / 39																																52			
3 / 37																																43			
3 / 35																																27			
3 / 33																																23			
/ 31																																26			
/ 29																																9			
2 / 27																																2			
2 / 23																																1			
Element (X)	Σx'	Σx	Σ	Σ _n	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

FORM 0-26-5 (O.L.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 YEARS

OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb
92 / 91											.2	.4					5	5	
90 / 89											.5	.1	.2	.1			8	8	
88 / 87										.7	1.0	.4	.5	.2			8	8	
86 / 85				.1						.7	1.3	1.0	1.1	.6	.4		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	
76 / 75		.1	.5	.2	.2	2.0	1.8	2.2	1.1	1.2	1.1					87	87	2	
74 / 73			.1	.5	.5	.6	1.2	1.3	1.2	1.6	.6	.2				65	65	19	
72 / 71		.2	1.0	1.0	1.0	1.7	1.3	1.7	1.4	1.8	.5					96	96	28	
70 / 69		.2	.5	.5	1.4	.8	.8	1.2	2.2	1.1						73	73	49	
68 / 67	.1	.1	1.0	.5	.5	.1	.1	1.7	1.7	2.2						66	66	72	
66 / 65						.2		1.2	.6							17	17	97	
64 / 63				.5		.6	.5	1.9	.6							34	34	93	
62 / 61			1.1	.1	.4	.2	.8	.7								28	28	93	
60 / 59		.4	.4	.6		.2	.2	.8								22	22	50	
58 / 57		.1	.1	.4	.4	.1	.5									13	13	77	
56 / 55		.7		.6	.2	.4										16	16	56	
54 / 53		.4			.2											5	5	76	
52 / 51																		46	63
50 / 49																		46	35
48 / 47																		16	34
46 / 45																		11	37
44 / 43																			36
42 / 41																			31
40 / 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^2	No. Obs.	Mean No. of Hours with Temperature						Total							
Rel. Hum.						≤ 6 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																			
Wet Bulb																			
Dew Point																			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL 73-81 YEARS OCT 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
1 / 85																		1	1	
4 / 85																		1	1	
4 / 83						.1		.4										4	4	
7 / 81						.2	.5	.1	.2									9	9	
1 / 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
7 / 71		.2	.8	1.0	2.5	2.0	.6			.1	.2							63	63	13
1 / 69		.5	1.4	2.2	2.2	2.4	.8	.5	.5									87	87	27
6 / 67	.1	.1	2.5	2.5	2.5	.7	.5	.2	.1									78	78	33
6 / 65		1.3	1.6	2.9	2.4	1.1	.8	.2										86	86	70
4 / 63		.8	1.6	2.0	1.2	1.9	1.0	.2										73	73	81
2 / 61		.5	1.8	1.4	1.6	1.3	.6	.4										63	63	90
1 / 59		.8	1.3	1.1	1.8	1.6	1.2											65	65	80
5 / 57		1.0	1.1	.8	2.3	2.0	.5											64	64	79
5 / 55		.2	1.3	1.4	1.6	1.7	.1											53	53	56
4 / 53		.7	1.2	1.9	1.1	.4												44	44	62
2 / 51		.2	.4	.5	1.1													18	18	61
5 / 49		.2	.1	.5	.4													10	10	67
4 / 47			.1	.2														3	3	55
4 / 45			.2															2	2	31
4 / 43																				15
2 / 41																				2
4 / 39																				39
3 / 37																				35
2 / 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

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

Element (X)	Z _R	Z _K	X	e _a	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3652406	53932	64.7	14.066	834	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL

73-81

OCT

STATION

STATION NAME

YEARS

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
81						.2												1	1		
79			.3			.2												4	4		
77					.3	.2												3	3		
75				.8	.5													8	8	2	1
73		.5	.3	1.0	1.0	.8												22	22	12	1
71	.2	1.3	.3	.8	.5	.5												20	20	12	7
69	.2	.3	1.2	2.2	1.0	.5												32	32	16	6
67		.5	3.0	1.0	.5	.2	.2											33	33	14	13
65		1.3	2.4	3.0	1.0	.3		.3										50	50	25	10
63		2.5	3.5	2.9	.8	.7	.2	.2										64	64	41	21
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
57		.5	2.2	1.7	1.3	.3	.2											37	37	64	46
55		2.2	2.5	2.4	.8	1.2												54	54	46	54
53		1.7	1.5	2.4	.7	.3												39	39	43	58
51		.8	2.2	2.5	1.3													41	41	48	43
49		1.3	1.3	1.5	.5													28	28	48	29
47		.7	.7	1.3														16	16	40	30
45		.2	.8															6	6	38	45
43		.2	.7															5	5	24	29
41																				13	34
39																				3	21
37																					22
35																					26
33																					7
31																					2
TOTAL	.3	19.2	31.3	27.4	13.3	7.1	.7	.7										594	594	594	594
Element (X)	ΣX²		ΣX		Σ	Σ	No. Obs.	Mean No. of Hours with Temperature					Total								
Rel. Hum.	3290334		43600		73.4	12.324	594	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total							
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 0-26-5 (OL A) REVISION 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 MAXWELL AFB AL

73-81 YEARS

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

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
/ 91									.0		.1	.1	.1					12	12																	
/ 89									.0		.1	.0	.1					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															
5- / 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	1.7	.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	.3	.6	1.0	.7	.5	.1												138	138	346	314															
5 / 49		.5	.8	.6	.2	.0												102	102	326	281															
/ 47	.7	.5	.5	.5														73	73	226	243															
4 / 45	.1	.4	.5	.2	.1													56	56	185	260															
4/ 43		.1	.5	.1														33	33	95	247															
2/ 41		.2	.1	.0														16	16	59	258															
4 / 39		.2	.7															11	11	36	235															
3 / 37		.0																2	2	16	218															
7- / 35		.0																1	1	1	184															
3- / 33																				1	110															
2/ 31																					82															
1 / 29																					29															
2- / 27																					6															
24/ 23																					1															
Element (X)	Z _X ²	Z _X	X	X ₂	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) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL

73-81

NOV

STATION STATION NAME YEARS

YEARS

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
76/ 75			.3															2	2		
77/ 71		.3	.1	.4														6	6	2	
77/ 69		.4	.9															9	9	2	4
67/ 67		1.0	1.0	.1														15	15	5	1
67/ 65		2.8	1.3	.4														31	31	10	8
64/ 63	.3	2.5	1.9	.6														36	36	33	30
67/ 61	.1	2.4	1.3	.7														31	31	24	22
67/ 59	.4	1.8	1.8	.7														32	32	37	26
57/ 57		2.7	2.4	1.2														42	42	33	35
57/ 55		.7	2.8	1.2			.1											33	33	28	22
74/ 53		1.6	2.2	.7	.4		.1											35	35	28	29
77/ 51	.6	1.6	3.1	.7	.7													46	46	40	25
57/ 49	.3	2.7	2.8	1.5	1.7													56	56	39	37
67/ 47	.3	2.8	1.9	1.3	.3													45	45	43	38
48/ 45	.3	3.0	1.6	.9	.4													42	42	53	32
64/ 43	.1	2.4	2.2	1.5	.1													43	43	50	49
62/ 41	.4	1.3	1.5	.3	.4													27	27	44	43
47/ 39	.3	2.5	1.2	.3	.1													30	30	33	25
38/ 37	.3	2.4	1.3	.4														30	30	42	35
76/ 35	.3	1.5	1.2	.9														26	26	29	44
34/ 33	.1	1.2	1.5															19	19	24	42
72/ 31		2.2	.6															19	19	21	31
37/ 29	.1	.4	.1															5	5	26	18
28/ 27	.1	.4																4	4	7	20
77/ 25	.1																	1	1	4	25
24/ 23		.3																2	2		3
72/ 21																				2	13
77/ 19																					5
77/ 17																					5
TOTAL	4.5	41.5	35.7	14.2	3.7	.3												667		667	667
																		667		667	
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	4307300	53028	79.5	11.718	667	$\leq 6 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total									
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									

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

72265 MAXWELL AFB AL STATION NAME

73-81 YEARS

NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		= 31	Dry Bulb	Wet Bulb
81					.1													1	1	
79				.1	.1	.1												3	3	
77				.4	.2	.1	.6		.1									12	12	
75			.1	.5	1.0	1.0	.6	.1	.4									30	30	
73			.5	.7	.6	.5	.4	.2	.1	.1								26	26	5
71			1.5	.5	1.6	.4	.9	.2										41	41	3
69			2.1	1.2	1.1	.6	.6	.2										48	48	16 7
67		.5	2.1	1.0	1.1	1.0	.1	.2										49	49	33 7
65		1.1	1.5	.4	1.4	.5	.4	.2	.5	.1								49	49	46 39
63	.1	1.5	1.5	1.4	.9	.9	.5	.5	.1		.1							59	59	52 29
61		.9	1.0	.6	1.0	1.0	.9	.9	.4									53	53	55 29
59		.4	.5	1.5	.9	1.1	1.0	.6	.2									50	50	46 57
57	.2	.7	1.4	1.2	1.6	1.0	.5	.1	.1									56	56	50 44
55	.1	.5	1.7	1.0	1.1	1.2	1.1	.5										59	59	34 26
53	.1	1.1	1.2	1.1	1.4	.9	1.1	.1										57	57	43 31
51	.1	.5	1.4	.7	1.2	1.1	.7	.1										48	48	62 51
49	.2	.1	1.1	1.1	.6	1.1	.5	.1										40	40	60 38
47		.6	.4	1.4	1.2	.6												34	34	60 46
45		.6	.5	.5	1.5	.5	.1											30	30	48 33
43		.1	.4	.7	.4	.2												15	15	44 44
41		.5	.6	1.4	.4													23	23	44 29
39		.4	.6	.2	.5													14	14	31 33
37	.1		.1	.1	.2													5	5	37 32
35				.2														2	2	21 48
33				.1														1	1	6 28
31		.1		.1														2	2	6 35
29		.2	.1															3	3	4 25
27																				3 27
25																				1 22
23																				15
21																				14
19																				7
17																				11
13																				1
Element (X)	Z _X '	Z _X	X	σ _X	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265
STATION

MAXWELL AFB AL
STATION NAME

73-81
YEARS

YEARS

NOV
MONTH

PAGE 1 1200-1900
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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						.4			.4																									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	0	
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	20	3
68/ 67		.4	.4	1.0	.4	.7	.9	1.0	1.7	.9	.1	.1																								61	61	40	7
66/ 65		.6	.1	.4	.7	.4	.9	1.5	1.7	.6	.1																									57	57	72	39
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	40	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	.5			.2	.7	.6	.2																											20	20	62	26
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)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																																	
Rel. Hum.						$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	Total																											
Dry Bulb																																							
Wet Bulb																																							
Dew Point																																							

USAFETAC FORM 16-64 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

73-81

YEARS

NOV

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point																	
47 83						.1				.1																						2	2				
52 81						.5	.1	.2	.6	.2																						14	14				
57 79					.1	.4	.5	.5	.6	.2	.9																					26	26				
71 77					.5	.4	1.1	1.4	.5	.6	.2	.1																				39	39				
67 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			
77 71			.4	.6	.7	1.0	1.1	1.0	.4	.7	.4																					51	51	6			
77 69		.2	1.6	.5	1.0	.9	.7	1.4	.5	1.2	.5																					69	69	22	1		
67 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	
62 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	
57 55		.5	.9	.1	.1	.4	1.5	1.2	.5																								42	42	54	53	
74 53	.1	.1	.5	.1	.4	.2	.9	.6	.1																								25	25	62	40	
62 51	.4	.2	.2			.9	1.4																										25	25	77	34	
57 49	.1	.2		.5	.2	.6	.6	.2																									21	21	54	52	
47 47	.1	.4		.1	.6	.6	.2																										17	17	38	37	
47 45		.2	.1	.4	.5		.1																										11	11	35	41	
47 43	.1	.4	.5	.5	.2	.4																											17	17	49	41	
62 41	.1			.1	.4	.2																											7	7	30	27	
47 39			.2		.2																												4	4	30	29	
37 37				.1																													1	1	19	34	
37 35				.1																													1	1	9	31	
37 33				.1																													1	1	9	28	
62 31																																			1	31	
37 29																																		1	41		
27 27																																	1	30			
66 25																																			19		
24 23																																			20		
27 21																																			15		
27 19																																			29		
18 17																																			7		
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.						≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

FORM 0-26-5 (OLA) AIR WEATHER SERVICE OF THE FORCES AND AIRCRAFT
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point																		
76/ 75			.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	40	
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	

FORM 0-26-5 (O.L.A.) AIR WEATHER SERVICE USE ONLY

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

Element (X)	Zg'	Zg	Z	Z ₂	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	4576751	59891	74.0	13.302	809	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
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 44 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 MAXWELL AFB AL
 STATION STATION NAME

73-81 YEARS

NOV
 MONTH

PAGE 1 ALL
 HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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						.0		.0	.0									4	4																
82/ 81					.1	.1	.0	.1	.2	.1	.1	.0						34	34																
81/ 79				.0	.0	.3	.2	.3	.1	.1	.2	.0						63	63																
79/ 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														
71/ 69		.2	1.8	.7	1.1	.6	.5	.4	.3	.4	.2							293	293	74	21														
69/ 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														
59/ 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														
51/ 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	.7	.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)	ΣX^2	ΣX	Σ	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						$\leq 6 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

FORM 0-26-5 (O.L.A.) REVISION 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 MAXWELL AFB AL 73-81 YEARS NOV MONTH

PAGE 2 ALL HOURS (L. S. T.)

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

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	20895882	299798	63.5	19.878	4723	≤ 6 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
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	210578	44.6	12.838	4723	150.9	8.8					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 MAXWELL AFB AL 73-81 DEC
 STATION STATION NAME YEARS MONTH
 PAGE 1 0600-0800
 HOURS (L. S. Y.)

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
6 / 75				.2														1	1	
4 / 73				.2														1	1	
7 / 71			.2															1	1	
7 / 69			.5															3	3	2
6 / 67			.5	.2														4	4	3
6 / 65		.3	.7	.3														8	8	2
4 / 63		1.2	.7	.2														12	12	5
2 / 61		.3			.2													3	3	15
7 / 59	.2	1.9	1.0			.2												19	19	9
5 / 57	.2	1.7	.7	.2														16	16	13
5 / 55	.7	1.0	1.2	.2	.2													19	19	18
4 / 53		1.7	1.4															18	18	16
2 / 51		1.2	.9	1.2														19	19	12
5 / 49		1.9	1.5	.9	.7	.2												30	30	19
4 / 47	.3	2.1	1.5	.3	.2													26	26	20
4 / 45		2.6	1.5	.2	.5	.2												29	29	30
4 / 43	.7	2.2	2.2	1.2	.3													39	39	33
2 / 41	.2	2.2	1.4	.9	.5													30	30	34
4 / 39		1.7	1.5	1.9	.3													32	32	25
3 / 37		3.1	3.3	1.9	.3	.2												51	51	34
7 / 35	.2	3.6	3.3	1.7	.2													52	52	40
3 / 33	.2	4.8	2.9	.5	.2													50	50	58
2 / 31	.5	4.0	3.8	.9														53	53	54
7 / 29	.9	1.5	2.6	.3														31	31	59
2 / 27	.3	1.7	.3															14	14	29
7 / 25	.2	.9	.5															9	9	29
2 / 23	.2	.3	.2															4	4	10
2 / 21		.9	.2															6	6	4
7 / 19		.3																2	2	7
7 / 17																				2
10 / 15																				8
14 / 13																				9
1 / 11																				12
1 / 9																				1
Element (X)	Σx^1	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OL A) REVISED WITHOUT ERRORS 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

YEARS

DEC
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
82/ 81							.1											1	1																
81/ 79						.1												1	1																
78/ 77						.1												1	1																
76/ 75				.3	.1	.3												5	5																
74/ 73					.1	.1	.1	.1										4	4																
70/ 71			.5	.1	.4	.1												10	10																
67/ 69		.1	.1	.5	.7	.3												13	13	5															
67/ 67		.1	1.0	.5	.4	.4	.1											20	20	7	4														
66/ 65		.9	.3	.9	.3	.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														
61/ 59	.7	.9	1.2	.4	.3	.3	.4											31	31	22	18														
59/ 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														
51/ 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														
45/ 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														
41/ 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														
31/ 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														
21/ 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																													
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) REVISION 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
 PAGE 2 0900-1100 HOURS (L. S. T.)

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

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	3325612	48758	63.5	17.721	768							93
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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL

73-81

DEC
 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																
81 / 81						.1	.3	.1	.3																							6	6			
79 / 79					.1	.3	.1	.3																								3	3			
77 / 77					.1	.3	.1	.3							.3																	6	6			
75 / 75				.4	.1	.7	1.6	.1	.3							.1																25	25			
73 / 73				.4	.3	1.0	.5	.3	.3	.1	.1																					23	23			
71 / 71			.1	.1	.3	.3	.7	.5	.3	.3																						19	19	5		
69 / 69	.1	.1	.5	.5	.7	.3	.5	.5	.3	.3	.3																					31	31	8 1		
67 / 67	.1				.3	.4	.3	.1	.1	.4																						13	13	9 3		
65 / 65			.3	.4	.3	.3	.9	.4	.8																							25	25	18 12		
63 / 63	.3		.3	.4	.4	.8	.3	.5	.3	.1																						25	25	28 10		
61 / 61	.1	.7	.1	.3	.3	.8	.9	1.7	.5	.1																						42	42	18 5		
59 / 59	.4	.8	.7	.4	.8	1.6	1.6	1.4	.5	.1																						63	63	31 19		
57 / 57		.9	.4	.5	.8	1.3	2.1	.8	.5																							52	52	21 27		
55 / 55	.1	.9	.4	.5	.9	1.4	2.0	1.8	.7																							67	67	36 25		
53 / 53	.3	.3	.9	.5	1.6	1.0	1.7	1.4																								59	59	28 21		
51 / 51	.3	.9	1.0	.8	.9	1.3	2.1	.3																								58	58	35 23		
49 / 49	.3	1.3	.4	.9	.9	1.2	1.7	.7																								56	56	76 25		
47 / 47	.5	.4	.5	.4	1.4	1.4	1.3																									46	46	61 26		
45 / 45	.3	.3	.4	.3	.4	1.6	1.0																									32	32	59 34		
43 / 43	.1	.4	.9	.5	1.7	1.4	.3																									41	41	66 33		
41 / 41	.1	.1		.5	1.2	.8																										21	21	56 24		
39 / 39		.3	.3	.3	1.0	.7																										19	19	54 35		
37 / 37			.1	.4	.4	.3																										9	9	40 39		
35 / 35			.4	.8	.8	.1																										16	16	45 36		
33 / 33				.4	.4																											6	6	26 37		
31 / 31				.1																												1	1	18 50		
29 / 29			.1																													1	1	10 26		
27 / 27																																	13	13	25 25	
25 / 25																																			4	36
23 / 23																																			25	
21 / 21																																			42	
19 / 19																																			46	
17 / 17																																			21	
15 / 15																																			26	
Element (X)	Σ X'		Σ X		X	σ _x	No. Obs.		Mean No. of Hours with Temperature						Total																					
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) REVERSE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE 2 1200-1400
HOURS (L. S. T.)

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

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	2323008	39158	51.220	422	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

FORM 0-26-S (OL A) AIR WEATHER SERVICE/USAFETAC
 AIR 34

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL STATION NAME

73-81 YEARS

DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	+31	Dry Bulb
81						.1											1	1	
79						.8		.1									7	7	
77					.1												1	1	
75					.1	.5	.8	.1			.3						14	14	
73				.3	.1	.3	.9	.3	.1	.3	.1						18	18	
71				.1	.4	.5	.8	.4	.1	.5							22	22	3
69	.1	.5	.7	.5	.4	.3	.3	.3	.1	.1							23	23	6
67	.4	.5	.4	.1	.4	.5	.5	.3	.1	.1							25	25	8
65	.4	.5	.3	1.1	.5	.8	.4	.8	.3								38	38	13
63	.5	.4	.7	.1	.5	.4	.4	.8	.8	.1							30	30	25
61	.1	1.1	.1	.8	.8	.9	.7	.4									37	37	29
59	.5	.1	1.1	.9	.9	2.1	2.0	.9	.4								65	65	18
57	.8	.4	.5	.1	.7	.9	1.3	.7	.9								48	48	38
55	.1	.7	.3	.5	1.2	2.1	1.3	1.9	.3								63	63	21
53	.4	1.3	.4	.9	1.2	2.4	1.2										59	59	36
51	1.9	.9	.4	.4	1.2	2.1	.5										56	56	36
49	.5	.7	.5	1.6	1.5	1.7	.4										52	52	55
47	.3	.5	.1	.4	.8	1.7	.9	.1									37	37	72
45	.4	.9	.5	.3	.8	1.2	1.2										40	40	59
43	.3	.3	.9	.3	.8	1.9											33	33	65
41	.1	.1	.4	.8	1.2	.7	.3										27	27	66
39		.8	.1	.3	1.6	.4											24	24	43
37			.3	.8	.5	.4											15	15	43
35			.4	.1	.3	.1											7	7	36
33				.7	.4												8	8	33
31				.4	.1												4	4	26
29																			7
27																			10
25																			5
23																			1
21																			
19																			25
17																			49
15																			39
Σ X'																			
Σ X																			
X̄																			
s _x																			
No. Obs.																			
Mean No. of Hours with Temperature																			
± 0 F																			
± 32 F																			
± 67 F																			
± 73 F																			
± 80 F																			
± 93 F																			
Total																			
Element (X)																			
Rel. Hum.																			
Dry Bulb																			
Wet Bulb																			
Dew Point																			

USAFETAC FORM 0-26-5 (OL A) REVISION 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 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
14 / 13																					15
1 / 11																					6
1 / 9																					3
6 / 7																					5
1 / 5																					5
4 / 3																					1
1 / 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		754	

Element (X)	Σ x'	Σ x ²	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	2333668	38810	51.521	0.099	754							
Dry Bulb	2377123	41635	55.210	0.183	754		5	13.7	5.1	.7		93
Wet Bulb	1709028	35140	46.6	0.733	754		6.0	2.1				93
Dew Point	1121822	26978	35.814	0.19	754		42.7	.8				93

USAFETAC FORM 0-26-5 (OL A) REVERSED INTERVAL NOTATIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265
STATION

MAXNELL AFB AL
STATION NAME

73-81
YEARS

DEC
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
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					.1									18	18	8 1
6 / 65		.4	.3	1.1	.7	.3	.3											22	22	2 11
4 / 63		1.2	.5	1.2	1.1	.4	.1											34	34	14 5
2 / 61		1.2	1.1	.4	.1	.3	.1	.1										25	25	21 14
4 / 59		.8	.5	.4	.5	.1												18	18	32 8
6 / 57	.4	.4	.5	1.0	.4	.4	.1	.4										27	27	23 29
5 / 55	.4	.8	1.0	1.0	1.1	.5	.5	.3										41	41	33 31
4 / 53		.3	1.1	1.4	1.4	.7	.5											39	39	13 12
2 / 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
4 / 47		1.1	1.0	1.8	2.7	.3												50	50	65 33
4 / 45	.4	1.4	2.2	3.2	2.1	.7	.1											73	73	43 29
4 / 43	.1	.3	1.2	2.1	2.5	.4												48	48	55 33
2 / 41	.1	.4	1.2	1.5	1.4	.3												36	36	69 32
4 / 39	.3	1.0	1.4	2.5	1.8	.4												53	53	55 38
3 / 37		.4	1.5	2.1	1.8													42	42	49 25
1 / 35		.4	1.1	2.3	.4													31	31	49 51
3 / 33		.4	1.4	.3	.3													17	17	39 35
2 / 31			.3	.5														6	6	46 51
3 / 29		.1	.4	.3	.1													7	7	37 42
2 / 27			.4	.5														7	7	3 38
2 / 25			.1															1	1	9 42
2 / 23																				10 25
2 / 21																				1 18
2 / 19																				33
1 / 17																				27
1 / 15																				10
1 / 13																				7
1 / 11																				7
1 / 9																				5
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

FORM 0-26-5 (OLA) 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

YEARS

DEC
 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
67/75				.3														2	2	
74/73			.1	.6														5	5	
77/71			.3	.1														3	3	
77/69			.3	.3														4	4	
66/67			.8	.4														9	9	2
66/65		.7	.6	.3														11	11	3
64/63		.6	.8	.7	.4	.4												21	21	13
62/61		1.7	2.1	.4	.4	.1												34	34	13
57/59		.7	.8		.3	.1												14	14	25
58/57		.6	.8			.1												11	11	21
56/55	.7	1.1	1.0	.8	.6	.3	.3											34	34	25
54/53	.6	.4	1.1	.7	.7	.1												26	26	17
52/51		.7	1.4	1.1	1.5	.6	.3											40	40	14
51/49		2.5	3.2	1.8	1.4	.1												65	65	22
47/47	.3	3.3	2.2	1.8	.3	.3												59	59	47
47/45	.4	1.3	1.7	.7	.4	.1												33	33	68
44/43	.3	.8	2.5	2.6	.7	.1												51	51	55
42/41		.7	2.4	1.7	.3													36	36	36
47/39	.1	1.8	3.3	1.5	1.1													57	57	46
37/37	.4	1.4	4.0	1.8	.1													56	56	51
36/35	.1	1.8	2.1	2.4	.4													49	49	57
34/33	.1	.7	1.7	2.4	.1													36	36	51
32/31	.1	1.4	2.2	1.0														34	34	39
31/29		.6	.4	.3														9	9	48
27/27	.1	.3	.6															7	7	32
26/25	.1		.7	.1														7	7	9
24/23			.4															3	3	5
22/21		.1																1	1	7
21/19																				3
18/17																				18
16/15																				26
14/13																				15
12/11																				5
10/9																				9
Element (X)	Z _g ²	Z _g	Z	e _g	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

FORM 0-26-5 (OL A) REPRODUCED BY THE AIR FORCE
 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

YEARS

DEC
 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																
80/ 81						.0	.1	.0	.0									8	8																	
79/ 79					.0	.2	.0	.0	.0									11	11																	
78/ 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																
71/ 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	106	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)	ΣX^2	ΣX	X	σ_n	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	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

722265 MAXWELL AFB AL 73-81 DEC

STATION

STATION NAME

YEARS

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
14/ 13																					51
12/ 11																					56
10/ 9																					20
8/ 7																					11
6/ 5																					8
4/ 3																					4
2/ 1																					1
TOTAL	2.7	11.6	21.7	18.4	15.6	3	7.8	4.0	1.7	.6	.2							4318	4318	4318	

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	18456924	268910	62.319.903	4318			40.7	62.4	22.9	2.6		744
Wet Bulb	11255588	214934	49.811.359	4318			109.2	13.4				744
Dew Point	8763214	189174	43.810.492	4318			327.7	3.3				744
	6404281	155685	36.113.537	4318								

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 MAXWELL AFB AL 73-81 ALL
 STATION STATION NAME YEARS 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
1 0/103													.0	.0				7	7	
1 2/101													.0	.0				18	18	
1 0/ 99												.0	.0	.1	.0	.0	.0	63	63	
1 8/ 97												.0	.1	.1	.1	.0	.0	149	149	
1 6/ 95											.0	.1	.2	.2	.1	.0	.0	340	340	
1 4/ 93										.0	.0	.1	.3	.3	.2	.1	.0	591	591	
1 7/ 91										.0	.0	.2	.4	.5	.3	.2	.0	936	936	
1 7/ 89				.0	.0	.0	.2	.5	.9	.4	.3	.1	.1	.0	.0	.0	.0	1470	1470	
1 8/ 87				.0	.0	.1	.7	.9	.5	.5	.1	.1	.1	.0	.0			1775	1775	
1 6/ 85				.0	.1	.4	1.0	.7	.6	.3	.2	.2	.1	.0				2043	2043	1
1 4/ 83		.0	.0	.3	.8	.7	.6	.4	.3	.2	.2	.1	.0	.0				2080	2081	7 2
1 1/ 81		.0	.2	.8	.9	.7	.5	.4	.3	.2	.2	.0	.0	.0				2411	2411	87 3
1 7/ 79		.1	.6	1.0	.9	.7	.4	.4	.3	.3	.2	.0	.0	.0				2749	2749	711 20
1 7/ 77	.0	.3	1.0	1.2	1.0	.4	.4	.3	.4	.2	.2	.1	.0					3085	3085	2195 176
1 6/ 75	.0	.6	1.4	1.2	.7	.6	.5	.4	.3	.2	.2	.0	.0					3372	3372	3680 983
1 4/ 73	.1	.7	1.3	1.1	.5	.5	.4	.3	.3	.2	.1	.0						3042	3042	4395 2420
1 7/ 71	.1	.6	1.4	.7	.6	.4	.4	.3	.2	.2	.1	.0						2818	2818	3925 3547
1 7/ 69	.0	.5	1.3	.6	.6	.5	.4	.3	.3	.2	.1	.0						2686	2686	3411 4066
1 6/ 67	.0	.4	1.2	.6	.5	.4	.3	.3	.3	.2	.0	.0						2345	2345	2929 3566
1 6/ 65	.0	.7	.8	.7	.4	.3	.3	.3	.3	.1	.0							2211	2211	2805 3146
1 4/ 63	.0	.7	.7	.6	.4	.4	.3	.3	.2	.0	.0							2110	2110	2935 2718
1 2/ 61	.0	.7	.7	.5	.4	.3	.3	.3	.2	.0								1946	1946	2786 2523
1 0/ 59	.1	.7	.7	.4	.4	.4	.3	.3	.1	.0								1895	1895	2508 2309
1 5/ 57	.1	.6	.6	.5	.5	.3	.3	.2	.1	.0								1789	1789	2473 2302
1 5/ 55	.1	.5	.7	.5	.4	.4	.3	.2	.0	.0								1827	1827	2077 2282
1 4/ 53	.7	.5	.6	.4	.4	.3	.3	.1	.0									1498	1498	2010 2043
1 2/ 51	.1	.4	.6	.4	.4	.3	.3	.1	.0									1474	1474	1988 1919
1 5/ 49	.0	.5	.6	.5	.4	.4	.2	.0										1487	1487	1990 1863
1 2/ 47	.0	.5	.5	.5	.4	.3	.1	.0										1329	1329	1868 1753
1 0/ 45	.1	.5	.5	.4	.3	.3	.1											1206	1206	1767 1795
1 4/ 43	.0	.5	.5	.5	.5	.1	.2	.0										1068	1068	1569 1631
1 2/ 41	.0	.3	.4	.4	.3	.2	.0											915	915	1514 1570
1 4/ 39	.0	.3	.5	.3	.3	.1	.0											899	899	1280 1473
1 3/ 37	.0	.2	.4	.3	.2	.1												722	722	1181 1475
Element (X)	Σx'		Σx		Σ	Σ _n		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.										≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F					
Dry Bulb																				
Wet Bulb																				
Dew Point																				

FORM 0-26-5 (OL A) AIR WEATHER SERVICE/USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

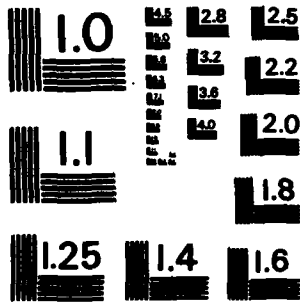
722265 STATION MAXWELL AFB AL 73-81 YEARS ALL MONTH

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															
35	.0	.2	.3	.4	.2	.0												646	646	1043	1522															
33	.0	.2	.3	.2	.2	.0												486	486	831	1170															
31	.0	.2	.3	.3	.1													487	487	738	1479															
29	.0	.1	.2	.1	.0													243	245	713	1107															
27	.0	.1	.1	.1														139	140	442	960															
25	.0	.0	.1	.0														96	96	347	895															
23	.0	.0	.0	.0														46	46	182	596															
21	.0	.0	.0	.0														35	35	91	616															
19	.0	.0	.0	.0														25	25	47	732															
17	.0	.0	.0	.0														6	6	28	467															
15	.0	.0	.0	.0														4	4	11	371															
13	.0	.0	.0	.0														1	1	4	345															
11	.0	.0	.0	.0														1	1	1	292															
9	.0	.0	.0	.0														2	2	2	172															
7	.0	.0	.0	.0														1	1	1	117															
5	.0	.0	.0	.0														1	1	2	98															
3	.0	.0	.0	.0																	30															
1	.0	.0	.0	.0																	27															
-1	.0	.0	.0	.0																	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			56575	56575	56575	56575															

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	242838159	3549.97	62.718	8.64	56575	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	268125457	3791941	67.015	7.24	56579		173.9	902.3	3696.2	2038.2	179.2	8760
Wet Bulb	208120890	3340452	59.013	8.71	56575		416.7	3267.6	1695.2	48.1		8760
Dew Point	172260378	2978148	52.616	6.546	56575	1.3	315.3	2262.5	551.7	1.8		8760

FORM 0-26-5 (O.L.A.) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC



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

GLOBAL CLIMATOLOGY BRANCH
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USE WITH CAUTION
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MEANS AND STANDARD DEVIATIONS

DRY-BULB 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
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	7.070	6.479	3.798	2.432	2.480	4.774	7.933			8.315
	TOTAL OBS	13	6	5	27	188	181	187	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	834	797	832	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	7.668	6.386	5.293	5.127	4.291	6.834	7.831	9.990	10.181	15.827
	TOTAL OBS	812	761	836	806	833	881	830	837	809	834	818	768	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	7.687	7.852	9.887	10.441	15.243
	TOTAL OBS	811	762	837	810	832	881	828	837	810	832	809	765	9738
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	7.878	7.638	9.736	10.183	14.844
	TOTAL OBS	811	768	837	809	836	882	820	837	807	834	810	754	9713
18-20	MEAN	47.2	52.2	61.8	68.8	74.3	80.8	81.8	80.6	76.8	64.7	56.8	49.0	66.4
	S.D.	10.621	10.188	8.858	7.199	6.024	5.714	5.989	4.718	6.329	7.443	9.553	10.017	14.529
	TOTAL OBS	812	753	830	791	823	881	818	836	809	834	809	729	9685
21-23	MEAN	43.9	48.1	57.4	63.1	69.7	78.9	77.9	76.9	72.9	60.8	53.2	45.9	60.6
	S.D.	10.934	9.969	8.788	6.715	5.527	4.457	4.872	3.148	5.384	7.416	10.097	10.485	14.398
	TOTAL OBS	751	697	798	668	867	836	898	863	808	598	809	717	7711
ALL HOURS	MEAN	47.2	51.7	61.3	68.8	74.4	81.2	82.8	81.7	77.7	66.4	58.4	49.8	67.0
	S.D.	11.922	12.098	10.679	9.330	8.097	7.427	7.174	6.546	6.364	10.089	11.383	11.359	15.724
	TOTAL OBS	8714	8009	8848	8488	8868	9487	8833	8894	8717	8442	8723	8318	86379

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

USE WITH CAUTION
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MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

722265 MAXWELL AFB AL

73-81

STATION	STATION NAME	YEARS												
MRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
0-02	MEAN S.D. TOTAL OBS	44.9 13.255 15	60.2 8.638 10	60.0 8.099 7	59.9 8.394 19	68.0 2.309 4	70.0 2 2		72.6 2.119 10	68.8 6.686 5	53.3 3 3	46.0 11.883 6	36.0 3 3	57.8 12.671 84
3-05	MEAN S.D. TOTAL OBS	48.2 9.731 13	63.2 1.472 6	54.6 2.782 5	55.8 6.982 27	60.0 6.732 188	67.8 4.496 181	71.0 2.576 157	70.5 2.670 138	65.7 5.198 125	52.2 7.839 113	45.0 3 3		64.3 8.571 896
6-08	MEAN S.D. TOTAL OBS	38.3 12.131 691	39.6 11.168 660	48.8 9.846 173	54.8 7.437 761	62.6 5.975 638	69.1 4.798 797	72.3 2.846 822	71.5 2.886 836	66.6 5.862 808	53.6 8.294 818	47.1 10.441 667	39.0 10.744 582	56.4 14.608 9059
9-11	MEAN S.D. TOTAL OBS	41.2 11.713 811	44.8 11.041 761	53.1 9.284 826	59.1 7.101 806	65.9 5.504 822	72.2 4.682 881	75.4 2.898 838	75.0 2.742 837	70.5 5.689 809	59.8 7.536 824	52.3 9.927 818	43.6 10.155 768	59.5 14.361 9736
12-14	MEAN S.D. TOTAL OBS	44.6 11.267 809	47.3 10.836 762	55.4 8.589 827	60.9 6.818 818	67.8 5.162 822	72.8 4.382 881	76.1 2.723 828	75.8 2.798 827	71.6 5.261 818	61.1 6.986 822	54.7 9.383 889	46.9 9.863 768	61.4 13.263 9732
15-17	MEAN S.D. TOTAL OBS	44.8 11.869 811	47.8 9.999 768	55.7 8.346 827	61.8 6.238 809	66.8 4.686 824	72.3 4.111 888	75.2 2.988 828	75.1 2.817 827	71.8 5.032 807	60.6 6.838 824	54.8 9.199 818	46.6 9.733 754	61.1 12.987 9713
18-20	MEAN S.D. TOTAL OBS	42.2 11.068 812	48.8 9.918 752	53.3 8.824 828	58.8 6.811 791	65.1 5.137 822	71.8 4.214 881	73.8 2.884 828	73.6 2.784 828	69.1 5.184 809	57.7 7.287 824	51.1 9.638 809	43.7 10.134 729	59.8 13.458 9699
21-23	MEAN S.D. TOTAL OBS	48.8 11.267 751	43.8 10.241 897	51.8 9.882 758	56.8 8.586 848	63.8 5.508 857	69.7 4.292 828	72.7 2.868 828	72.4 2.898 828	67.8 5.282 824	55.8 7.488 824	49.1 10.888 809	41.9 10.497 717	58.6 14.031 7711
ALL HOURS	MEAN S.D. TOTAL OBS	42.0 11.637 8713	44.6 10.822 8899	53.1 9.882 828	58.6 7.898 808	65.2 5.184 863	71.2 4.548 888	74.2 3.194 822	73.9 3.284 822	69.4 5.788 8717	58.8 7.888 822	51.8 10.088 822	43.8 10.492 822	59.8 13.871 8875

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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
0-02	MEAN S.D. TOTAL OBS	40.5 16.505 15	58.2 11.007 10	58.4 5.127 7	56.8 6.330 19	65.8 2.062 4	68.0 2		71.1 2.234 10	67.0 7.778 5	45.0 3	40.7 12.632 6	31.3 3	54.7 14.665 84
03-05	MEAN S.D. TOTAL OBS	45.5 11.808 13	63.2 1.472 6	53.0 3.674 5	53.0 7.501 27	57.9 7.644 158	65.8 5.882 151	69.5 3.373 157	69.3 3.140 138	63.5 6.126 125	49.0 8.923 113	40.0 3		62.3 9.582 896
06-08	MEAN S.D. TOTAL OBS	33.8 14.919 891	34.8 13.762 660	44.6 11.802 773	50.6 9.071 761	59.3 7.187 829	66.2 6.834 797	70.3 3.267 832	69.8 3.116 826	64.2 6.844 808	50.4 9.546 818	43.8 11.810 667	34.6 12.706 582	51.1 16.220 9059
09-11	MEAN S.D. TOTAL OBS	34.4 15.562 811	35.7 14.502 761	45.6 12.493 826	51.2 10.128 806	59.7 7.664 822	66.7 6.680 801	71.4 3.872 828	71.3 3.307 837	65.9 7.046 809	51.9 10.276 824	45.4 13.165 810	36.3 13.311 758	53.2 16.904 9736
12-14	MEAN S.D. TOTAL OBS	34.6 16.124 809	35.4 14.722 762	44.9 12.691 837	50.2 10.206 810	58.9 7.846 822	65.6 6.836 801	70.6 3.706 828	70.5 3.787 837	65.1 6.908 810	50.8 10.664 822	44.4 13.921 809	36.1 14.297 765	52.5 16.930 9732
15-17	MEAN S.D. TOTAL OBS	34.4 16.178 811	35.1 14.662 760	44.4 12.855 837	49.9 10.222 809	58.7 7.613 824	65.0 6.819 808	69.8 3.877 828	69.8 3.768 837	64.6 6.778 807	50.4 10.521 824	43.9 13.655 810	35.8 14.419 754	52.0 16.808 9713
18-20	MEAN S.D. TOTAL OBS	34.8 15.852 812	35.8 13.567 752	44.9 12.038 838	51.0 9.368 791	59.5 7.226 822	65.8 6.298 801	70.1 3.446 818	70.2 3.361 825	65.0 6.471 809	52.0 9.317 824	45.2 12.214 809	36.6 13.274 729	52.9 16.179 9644
21-23	MEAN S.D. TOTAL OBS	33.9 14.572 781	36.1 13.488 697	45.5 11.747 788	51.5 8.698 665	59.9 6.987 897	66.2 5.746 528	70.2 3.168 808	70.2 3.189 861	64.8 6.328 569	51.7 8.999 594	44.8 11.982 609	36.6 12.867 717	51.0 16.318 7711
ALL HOURS	MEAN S.D. TOTAL OBS	34.4 15.439 8712	35.6 14.288 8829	45.6 12.295 8868	50.7 9.663 8888	59.2 7.487 8858	65.9 6.452 8689	70.4 3.869 8822	70.2 3.450 8822	64.9 6.761 8717	51.1 9.950 8862	44.6 12.838 8722	36.1 13.537 8318	52.6 16.546 86575

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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
APP		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	4633
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	37.6	8.3	67.1	56575

2085

USAFETAC

FORM 28-62

0-87-5 (OL A)

U S AIR FORCE
 ENVIRONMENTAL TECHNICAL
 APPLICATIONS CENTER

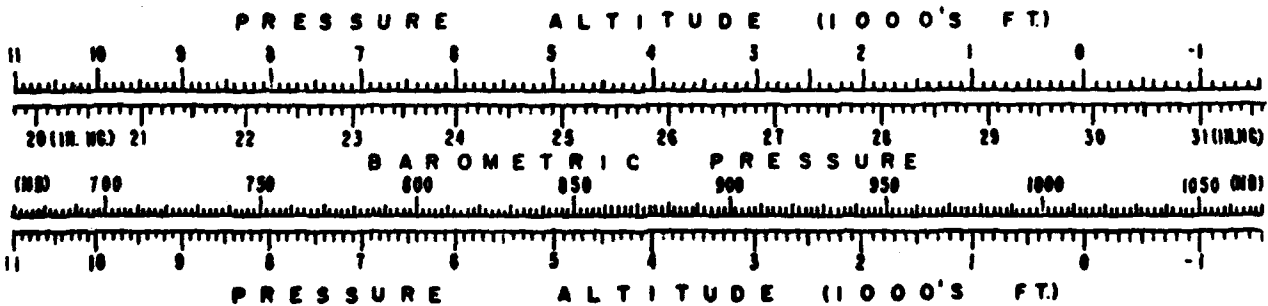
PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
 Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
 METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



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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 S.D. TOTAL OBS	29.702 .469 5	29.774 .129 5	29.716 .206 5	29.838 .151 8	29.743 3	29.745 2		29.875 .107 4	29.635 2	9.848 1	29.913 3	30.070 2	29.797 .217 90
3	MEAN S.D. TOTAL OBS	29.563 .316 4	29.608 2		29.820 1				29.710 1	29.370 1	9.920 2			29.663 .245 11
6	MEAN S.D. TOTAL OBS	29.941 .288 180	29.968 .282 152	29.850 .182 215	29.868 .159 222	29.792 .116 278	29.834 .884 265	29.848 .876 278	29.866 .871 279	29.834 .898 269	9.913 .128 262	29.939 .127 128	29.998 .189 90	29.870 .142 2588
9	MEAN S.D. TOTAL OBS	30.002 .204 271	29.988 .189 251	29.889 .179 279	29.988 .167 266	29.818 .116 278	29.882 .885 267	29.866 .877 279	29.888 .873 279	29.857 .185 278	9.943 .132 278	29.977 .145 278	30.002 .191 255	29.913 .157 3297
12	MEAN S.D. TOTAL OBS	29.957 .205 270	29.969 .163 259	29.887 .178 279	29.869 .163 278	29.788 .112 277	29.828 .884 267	29.841 .876 279	29.858 .871 279	29.826 .181 278	9.898 .126 277	29.927 .143 278	29.955 .187 255	29.878 .152 3297
15	MEAN S.D. TOTAL OBS	29.913 .204 270	29.887 .177 259	29.799 .169 279	29.818 .157 278	29.739 .112 278	29.782 .883 267	29.793 .874 278	29.806 .869 279	29.776 .893 278	9.890 .123 278	29.883 .136 278	29.914 .179 254	29.829 .148 3298
18	MEAN S.D. TOTAL OBS	29.932 .201 271	29.897 .174 251	29.882 .167 279	29.818 .151 278	29.732 .112 278	29.771 .883 267	29.792 .877 278	29.808 .866 279	29.782 .891 278	9.864 .128 278	29.982 .137 269	29.932 .178 294	29.838 .158 3298
21	MEAN S.D. TOTAL OBS	29.951 .203 269	29.921 .177 251	29.837 .162 268	29.841 .153 268	29.765 .112 278	29.818 .883 267	29.827 .878 278	29.846 .868 278	29.822 .891 278	9.894 .128 278	29.926 .148 278	29.951 .182 268	29.865 .148 3198
ALL HOURS	MEAN S.D. TOTAL OBS	29.948 .207 1510	29.926 .188 1822	29.838 .175 1682	29.850 .161 1841	29.771 .112 1822	29.818 .883 1822	29.827 .878 1822	29.846 .870 1822	29.816 .881 1822	9.894 .129 1822	29.925 .142 1822	29.954 .186 1780	29.865 .153 18798

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MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HGS 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 S.D. TOTAL OBS	1012.2 16.323 5	1014.7 4.259 8	1012.7 7.020 5	1016.8 5.126 8	1013.6 3 3	1013.7 2		1018.1 3.824 4	1009.9 2	1016.8 1	1019.3 3	1024.8 2	1015.4 7.472 40
03	MEAN S.D. TOTAL OBS	1007.3 10.917 4	1010.4 2		1016.1 1				1012.4 1	1000.9 1	1019.7 2			1010.8 8.400 11
6	MEAN S.D. TOTAL OBS	1020.6 6.675 164	1028.7 6.973 199	1017.3 6.159 219	1017.9 5.401 221	1018.2 3.989 278	1016.8 2.868 268	1017.8 2.598 278	1017.7 2.444 279	1016.6 3.339 269	1019.4 4.396 268	1020.1 4.233 123	1022.3 6.499 89	1017.9 4.841 2571
9	MEAN S.D. TOTAL OBS	1022.6 6.965 271	1021.6 6.429 252	1019.6 6.064 279	1018.9 5.654 268	1018.9 3.947 278	1017.8 2.678 267	1017.7 3.628 279	1018.4 2.489 278	1017.4 3.573 270	1020.4 4.492 278	1021.6 4.980 278	1022.5 6.501 256	1019.4 5.382 3247
12	MEAN S.D. TOTAL OBS	1021.8 6.979 270	1020.6 6.247 254	1017.5 5.928 279	1017.9 5.335 278	1015.6 3.843 277	1016.4 2.928 267	1016.9 2.591 279	1017.4 2.444 279	1016.3 3.478 270	1018.9 4.383 277	1019.9 4.856 278	1020.9 6.332 255	1018.2 5.197 3247
15	MEAN S.D. TOTAL OBS	1019.5 6.944 278	1018.6 6.023 254	1015.5 5.748 279	1016.8 5.319 278	1013.4 3.726 278	1014.8 2.844 267	1015.2 2.522 278	1015.6 2.374 279	1016.6 3.168 270	1017.2 4.194 278	1018.4 4.625 278	1019.5 6.098 254	1016.5 5.062 3245
18	MEAN S.D. TOTAL OBS	1020.2 6.844 271	1018.9 5.944 251	1015.7 5.444 277	1015.9 5.142 268	1013.2 3.678 278	1014.7 2.779 267	1015.2 2.454 278	1015.7 2.387 279	1016.9 3.188 278	1017.7 4.118 278	1019.0 4.669 269	1020.1 6.048 244	1016.7 5.120 3228
21	MEAN S.D. TOTAL OBS	1020.9 6.844 269	1019.7 6.044 258	1016.9 5.444 268	1016.9 5.214 252	1014.2 3.678 271	1015.8 2.779 267	1015.8 2.525 278	1017.1 2.338 278	1016.2 3.344 278	1018.7 4.188 278	1019.8 4.769 278	1020.8 6.175 240	1017.8 5.844 3184
ALL HOURS	MEAN S.D. TOTAL OBS	1020.7 7.885 1584	1020.6 6.325 1918	1016.9 5.927 1827	1017.2 5.382 1854	1014.4 3.827 1862	1015.9 2.944 1828	1016.9 2.734 1828	1017.8 2.688 1877	1016.8 3.454 1822	1018.7 4.388 1822	1019.8 4.841 1875	1020.9 6.322 1390	1017.7 5.222 18775

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