

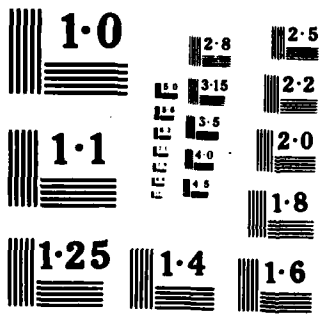
UNCLASSIFIED

MAXWELL AFB ALABAMA LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARY (LISOCs) (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. JUN 85
USAFETAC/DS-85/025 F/G 4/8

1/4

F/G 4/2

44



AW'S TECHNICAL ELEMENT
PL 4414

SCOTT AFB IL 62225

18 JUN 1985

①

USAL 722265

USAFETA, R. 302 2

AD-A159 603

DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)

"LIMITED SURFACE OBSERVATIONS"
CLIMATIC SUMMARY "LISOCs"

MAXWELL AFB AL M.O. #722265
N 32 23 W 86 22 ELEV: 168 FT MXP

PARIS A-F HOURS SUMMARIZED: 1100 - 0500 Z

PERIOD OF RECORD:
HOURLY OBSERVATIONS: MAR 75 - FEB 85
SUMMARY OF DAY DATA: NONE:

TIME CONVERSION GMT TO LST: -6

13 JUN 1985

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FEDERAL BUILDING
ASHEVILLE, N. C.

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REVIEW AND APPROVAL STATEMENT

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

FOR THE COMMANDER

Wayne E. McCollom

WAYNE E. MCCOLLUM
Chief, Document Research Section
USAFETAC/LDX

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AD-2159607

SECURITY CLASSIFICATION OF THIS PAGE

REPORT DOCUMENTATION PAGE

1a. REPORT SECURITY CLASSIFICATION Unclassified			1b. RESTRICTIVE MARKINGS	
2a. SECURITY CLASSIFICATION AUTHORITY			3. DISTRIBUTION/AVAILABILITY OF REPORT Approved for public release; distribution unlimited.	
2b. DECLASSIFICATION/DOWNGRADING SCHEDULE			5. MONITORING ORGANIZATION REPORT NUMBER(S) USAFETAC/DS-85/025	
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6a. NAME OF PERFORMING ORGANIZATION USAFETAC/OL-A		6b. OFFICE SYMBOL (If applicable)		7a. NAME OF MONITORING ORGANIZATION USAFETAC
6c. ADDRESS (City, State, and ZIP Code) Federal Building Asheville, NC 28801			7b. ADDRESS (City, State, and ZIP Code) Scott AFB, IL 62225-5438	
8a. NAME OF FUNDING/SPONSORING ORGANIZATION		8b. OFFICE SYMBOL (If applicable)		9. PROCUREMENT INSTRUMENT IDENTIFICATION NUMBER
8c. ADDRESS (City, State, and ZIP Code)			10. SOURCE OF FUNDING NUMBERS PROGRAM ELEMENT NO. PROJECT NO. TASK NO. WORK UNIT ACCESSION NO.	
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12. PERSONAL AUTHOR(S)				
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17. COSATI CODES FIELD GROUP SUB-GROUP 04 02			18. SUBJECT TERMS (Continue on reverse if necessary and identify by block number) *climatology *weather Meteorological conditions (continued over)	
19. ABSTRACT (Continue on reverse if necessary and identify by block number) - A statistical data summary of surface weather observation climatology for: MAXWELL AFB ALABAMA. This summary is similar to the Revised Uniform Summary of Surface Weather Observations (RUSSWO), but is based on data collected from limited-duty weather observing stations; i.e., those that take weather observations less than 24 hours a day, 7 days a week. The summary is in five parts: PART A, Weather Conditions and Atmospheric Phenomena; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; and PART F, Pressure Summaries. Note that PART B, Precipitation, is omitted. See USAFETAC/TN-83/001 (AD-A132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWOs), for complete descriptions of contents and instructions for use.				
20. DISTRIBUTION/AVAILABILITY OF ABSTRACT ☐ UNCLASSIFIED/UNLIMITED ☒ SAME AS RPT. ☐ DTIC USERS			21. ABSTRACT SECURITY CLASSIFICATION Unclassified	
22a. NAME OF RESPONSIBLE INDIVIDUAL Marie Wakefield			22b. TELEPHONE (Include Area Code) (618) 256-2625	
			22c. OFFICE SYMBOL USAFETAC/LDD	

DD FORM 1473, 84 MAR

83 APR edition may be used until exhausted.
All other editions are obsolete.

SECURITY CLASSIFICATION OF THIS PAGE

UNCLASSIFIED

UNCLASSIFIED

18. Subject terms cont.

winds	precipitation	temperature	visibility
barometric pressure		relative humidity	
sky cover	psychrometric data		ceiling

Limited Surface Observations Climatic Summary
LISOCs

MAXWELL AFB ALABAMA

MAXWELL FLD

MONTGOMERY

USAL 722265

UNCLASSIFIED

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

Accession For	
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DTIC TAB	☐
Unannounced	☐
Justification	
By _____	
Distribution /	
Availability Codes	
Avail and/or	
Dist	Special
A-1	



OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARIES
(LISOCs)

DEFINITION: A RUSSWO-like set of summaries of hourly observations for the station's normal operating hours.

Hourly Observations: Those record or record-special observations recorded at established hourly intervals.

General Comments:

1. The hourly data are screened to exclude extraneous or occasional hours outside the normal observing hours.
2. A brief description preceeds each summary.
3. Summaries containing "TOTALS" and "ALL HOURS" are only from the hours summarized. These values are representative only for the operating hours.
4. The monthly and annual "ALL HOURS" summaries are not presented because they are not representative, and would result in meaningless or biased values.
5. There are no "Sky Cover" nor "Sea Level Pressure" summaries for METAR stations.

Table of Contents: AWS Form 2 "Station History"

- Part 1: Weather Conditions
- Part 2: Surface Winds
- Part 3: Ceiling Versus Visibility; Sky Cover
- Part 4: Daily High, Low, Mean Temperatures; Max High and Min Low Temperatures;
Psychrometric Tables; Mean and Standard Deviation of Temperatures; Relative Humidity
- Part 5: Station Pressure; Sea Level Pressure

Standard 3-Hour Groups: All summaries having diurnal variations are summarized in 3-hour periods corresponding to the following sets of hourly observations and limited to normal observation reporting hours (LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

Note that the first and last hour groups may or may not contain all three hours. See hours summarized on front cover to determine which hours are included in these two hour groups.

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
722265	MAXWELL AFB ALABAMA/MONTGOMERY	N 32 23	W 086 22	168	MXF	-

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			STATION (FT)	TYPE BAROMETER	
1	Maxwell Fld, Alabama	AAF	Jan 37	Dec 41	N 32 23	W 086 21	172	175	24
2	Same	Same	Sep 42	May 48	N 32 24	Same	Same	Same	24
3	Maxwell AFB, Alabama	AFB	Jun 48	Mar 54	N 32 23	Same	176	Same	24
4	Same	Same	Apr 54	Apr 57	Same	Same	Same	211	24
5	Same	Same	May 57	20 Mar 58	Same	Same	Same	245	24
6	Same	Same	21 Mar 58	Feb 68	Same	W 086 22	Same	174	24
7	Same	Same	Mar 68	Feb 69	Same	Same	Same	Same	24
8	Same	Same	Mar 69	Mar 72	Same	Same	179	Same	24
9	Same	Same	Apr 72	Dec 72	Same	Same	Same	Same	17
10	Same	Same	Feb 76	Oct 76	Oct 76	Same	169	Same	18
11	Same	Same	Nov 76	Feb 78	Same	Same	Same	175	17
12	Same	Same	Mar 78	Jan 82	Same	Same	Same	Same	18
13	Same	Same	Feb 82	Aug 84	Same	Same	168	Same	18
14	Same	Same	Sep 84	Dec 84	Same	Same	Same	176.1	18

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jan 37 to Dec 41	Located on the Tower Bldg.	Anemometer	N/A	60 Ft	
2	Sep 42 to May 48	Same	Selsyn	ML-144	Same	
3	Jun 48 to Feb 54	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 S of Base Operations.	Same	Same	80 Ft	
6	Mar 57 to Apr 62	Located in Base Control Tower.	Same	Same	78 Ft	

CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT. ABOVE GROUND	
7	May 62 to Aug 62	Located 750 ft from the end and 500 ft E of Rnwy 14.	AN/GMQ-11	RO-2	13 Ft	
8	Sep 62 to Feb 64	Located 950 ft N of Rnwy 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 Rnwy 14.	Same	Same	13 Ft	
10	Oct 70 to Dec 72	Located 1000 ft ENE of centerline, 1550 ft from end of Rnwy 14.	Same	Same	Same	
11	Jul 78 to Mar 84	Located 1000 Ft ENE of centerline, 1550 Ft from end of Runway 15.	Same	RO362	Same	

412

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WEATHER CONDITIONS

1

PART I

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented by month by the available 3-hour groups.

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. (Snow pellets also known as soft hail.)

Hail--Occurrences of hail.

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 sum of the individual categories may exceed the percentage 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.

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

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.

Continued on Reverse

NOTE: 1. For METAR stations beginning Jan 68 and Synoptic reporting stations, only the highest order of atmospheric phenomena was reported, recorded on the AWS Forms 10a, and transmitted longline. Beginning Jan 70, METAR stations recorded all atmospheric phenomena on the AWS Form 10a, but transmitted longline only the highest order. For example, if the observation consisted of rain, fog and smoke, only the rain was transmitted longline. Our data base, as a result, contains only rain for that observation. Because of these reporting procedures the summaries for METAR and Synoptic reporting stations are highly questionable in the hourly summaries. This primarily effects the obstruction to vision columns, but may also have minor effects on the precipitation columns.

2. When the value of ".0" appears in the summaries, it represent one or more occurrences amounting to less than .05 percent.

JOINT CLIMATELOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

WEATHER CONDITIONS

760065 STATION MAXWELL AFB AL 76-85 YEARS JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	1-24												
	25-31												
	1-7	.4	11.6	.4	.0		12.7	32.6	5.7			35.0	794
	8-14		11.7	.2	1.0		13.4	21.3	11.1			30.4	888
	15-21		9.7	.1	.0	.1	10.4	12.7	0.3			15.4	897
	22-28		11.0	.3	.0		12.7	12.1	5.0			16.2	907
	29-31	.1	11.7	.6	.7	.1	13.1	13.2	3.9			16.0	981
	1-31	.1	10.5	.6	.3		11.4	13.8	2.7			15.4	970
TOTALS		.1	11.1	.4	.0	.0	12.3	17.6	5.0			22.0	9713

WEATHER CONDITIONS

SEMI-DAILY FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
1-2													
3-5													
6-20			10.7		.1		11.0	27.8	11.2		.5	37.0	265
21-31	1.2	1.4		.4			10.7	12.5	13.7		.7	25.4	349
1-14	.4	2.3		.1			9.0	2.4	5.7		.7	15.7	349
15-17	1.3	10.2		.1			12.2	4.9	5.5		.5	15.7	347
18-20	1.4	11.4		.4	.2		11.4	4.0	2.5		.4	15.4	340
1-20	1.1	10.0		.4			11.0	11.4	4.4		.4	14.0	332
TOTALS	1.3	10.5		.2	.2		11.3	14.0	7.7		.5	21.0	4303

SURFACE WINDS

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

STATION 75-111 STATION NAME ALL AMEN YEARS 1954-1955 MONTH 1-12
CLASS ALL HOURS (L & T) 1-24
CONDITION ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.1	2.2	.2									
NNE	1.1	1.1	.2										
NE	1.1	1.1	.2										
ENE	1.1	1.1	.2	.1									
E	1.1	1.1	1.1	.1									
ESE	1.1	1.1	.2										
SE	.2	.2	.2	.1									
SSE	.2	1.1	1.1	.4									
S	.2	1.1	1.1	.7									
SSW	.2	1.1	.2	.1	.1								
SW	1.1	1.1	1.1	.5									
WSW	1.1	1.1	.2	.2									
W	.2	1.1	1.1	1.4									
WNW	.2	.2	.2	.1									
NW	1.1	.2	.2	.2	.1								
NNW	.2	.2	.2	.2									
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 100

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE
 10-741
 10-10-64

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

SURFACE WINDS

STATION WALL AFB AL STATION NAME WALL AFB YEARS 1955 MONTH 1955
 CLASS ALL WINDS HOURS (LST) 0000-2300
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.1	1.2	.1								1.2	2.0
NNE	4.4	2.5	.6									1.2	3.0
NE	1.4	1.4	.6									1.2	1.4
ENE	.5	2.6	.7	.1								1.2	1.4
E	2.1	2.4	1.2	.1								1.2	1.4
ESE	.7	.4	.6									1.2	1.4
SE	.1	.2	.3									1.2	1.4
SSE	.7	.2		.3								1.2	1.4
S	1.2	1.4	.1									1.2	1.4
SSW	.7	.4	.7	.1								1.2	1.4
SW	.7			.1								1.2	1.4
WSW	1.2	.1										1.2	1.4
W	2.4	1.5	1.5	1.0								1.2	1.4
WNW	2.4	2.6	1.9	.8								1.2	1.4
NW	.7	2.1	1.5	1.9								1.2	1.4
NNW	1.2	2.4	1.5	1.5								1.2	1.4
VARBL													
CALM													
	10.2	24.6	13.2	5.2								1.2	1.4

TOTAL NUMBER OF OBSERVATIONS 1000

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SURFACE WINDS

PART 2

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

Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm vs 11 wind speed (knots) increments in Beaufort classifications. Percentages are shown for both directions and speed, and in addition the mean wind speed is given for each direction.

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

These tables are prepared for all years combined, by month by available 3-hour groups.

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

WEATHER CONDITIONS

12-265 STATION MAXWELL AFB AL 75-84 YEARS DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	00-05												
	06-11												
	12-17	.4	6.9	.1			9.0	25.1	4.7			39.4	697
	18-23	.1	7.6				7.6	13.0	3.3			19.3	843
	24-31	.4	9.3				9.3	7.6	2.7		.2	10.5	837
	01-06	.4	6.5				8.5	7.0	2.6		.1	9.3	916
	07-12	.5	9.1				9.1	6.5	1.9			7.9	772
	13-18	.1	8.9				8.9	7.6	2.4		.3	9.4	761
	19-24												
	25-31												
TOTALS		.3	8.7	.2			8.7	11.3	3.8		.1	14.5	4726

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

722265 STATION MAXWELL AFB AL 75-84 YEARS NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND, OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
NOV	00-01												
	02-03												
	04-05		8.5				8.5	33.3	12.5			42.7	913
	06-11	.1	8.3				8.0	12.5	14.5			25.2	897
	12-14	.1	8.8				8.2	4.5	5.9			9.6	897
	15-17	.4	8.8				3.6	7.1	2.9			9.3	897
	18-2	.4	8.7				3.7	7.2	1.8			9.0	897
	21-23	.3	8.1				8.1	9.2	2.7			11.0	896
TOTALS		.2	8.5				8.5	12.4	6.6			18.2	5297

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE /MAC

WEATHER CONDITIONS

72-285 STATION 75-84 YEARS OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
OCT	00-01												
	02-05		2.6				2.6	35.6	3.6			40.2	194
	06-08	.1	4.7				4.7	36.5	21.6			45.8	918
	09-11	.4	4.9				4.9	8.4	16.9			22.9	927
	12-14	.4	3.8				3.6	2.8	5.1			8.4	927
	15-17	.9	4.1				4.1	2.8	3.7			6.3	927
	18-20	.5	4.0				4.0	3.8	3.7			7.2	927
	21-23	.5	4.6				4.6	4.9	3.6			7.6	628
TOTALS		.4	4.1				4.1	13.7	9.1			20.2	5448

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

722255 STATION MAXWELL AFB AL 75-84 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												
	03-05		5.7				5.7	46.7	40.6			64.6	212
	06-08		4.7				4.7	37.0	39.6			59.3	900
	09-11	.1	4.0				4.0	5.6	30.4			34.1	900
	12-14	1.9	7.4				7.4	2.1	14.3			16.2	900
	15-17	3.2	6.9				6.9	1.3	13.9			15.2	900
	18-20	2.0	6.1				6.1	3.2	16.0			19.7	899
	21-23	1.2	4.7				4.7	4.2	15.3			18.8	600
TOTALS		1.3	5.8				5.8	14.3	24.4			32.6	5311

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAL

WEATHER CONDITIONS

720265 STATION MAXWELL AFB AL 75-84 YEARS AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-01												
	03-05	.5	2.3				2.3	65.8	39.3			79.0	219
	06-08	.4	2.0				2.4	37.6	49.9			66.5	937
	09-11	.5	1.7				1.7	3.7	35.6			37.3	937
	12-14	3.5	4.7				4.7	.8	25.2			25.0	930
	15-17	7.1	6.9				6.9	.4	23.2			23.7	930
	18-20	4.4	6.4				6.4	2.3	22.2			23.6	929
	21-23	1.1	3.4				3.4	3.5	21.0			23.1	620
TOTALS		2.5	3.9				3.9	16.3	30.9			39.9	5488

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

722265
STATION

MAXWELL AFB AL
STATION NAME

75-84
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUL	00-02												
	03-05		1.8				1.8	56.0	51.8			77.1	218
	06-08	.6	3.9				3.9	29.2	51.1			62.5	930
	09-11	1.4	4.2				4.2	4.4	33.1			35.4	930
	12-14	6.0	6.7				6.7	1.4	23.0			24.1	926
	15-17	10.0	9.4				9.4	1.1	20.9			21.7	916
	18-20	7.7	9.0				9.0	1.4	20.0			20.8	909
	21-23	4.3	6.8				6.6	2.6	16.5			18.3	606
TOTALS		4.3	6.3				6.0	13.7	30.9			37.2	5435

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

72265 STATION MAXWELL AFB AL 75-84 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												
	03-05		2.8				2.8	52.3	42.1			70.0	214
	06-08	.2	2.1				2.1	25.3	44.7			55.3	891
	09-11	.9	2.9				2.9	2.0	24.9			26.2	891
	12-14	3.9	5.2				5.2	.6	14.5			15.0	891
	15-17	8.0	7.2				7.2	.2	12.5			12.7	891
	18-20	4.5	6.1				6.1	.1	12.7		.2	13.0	891
	21-23	2.2	3.0				3.0	.7	8.1			8.5	594
TOTALS		2.8	4.2				4.2	11.6	22.8		.0	28.8	5263

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF-WEATHER SERVICE/MAC

WEATHER CONDITIONS

724265 STATION 75-84 MAY
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-23												
	01-05	.9	4.1				4.1	50.2	71.0			59.4	219
	06-10	1.0	5.9				5.9	27.7	32.3			50.2	930
	11-15	1.6	5.9				5.9	3.4	21.0			24.2	930
	16-20	2.9	5.9				5.9	1.2	15.7			14.5	930
	21-23	2.8	6.8			.1	6.8	.9	12.0		.1	13.0	930
	24-28	2.8	5.4				5.4	1.5	12.0			13.5	919
	29-31	.8	4.5				4.5	2.3	7.9			10.1	606
TOTALS		1.8	5.5			.0	5.5	12.5	17.2		.0	26.4	5464

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

722265 STATION MAXWELL AFB AL 75-84 YEARS 1975 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.
APR	00-02												
	03-05												
	06-08	1.8	7.8				7.8	23.9	16.1		.1	33.5	855
	09-11	1.3	5.9				5.9	6.6	12.1		.3	17.1	899
	12-14	1.4	7.6				7.6	2.9	5.2		.2	8.1	900
	15-17	1.7	6.3				6.3	1.8	3.4		.3	5.7	900
	18-20	2.2	5.9				5.9	3.2	3.1		.2	6.5	881
	21-23	2.6	7.4				7.4	3.5	3.0			6.1	771
TOTALS		1.3	6.3				6.8	7.0	7.2		.2	12.9	5206

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

72266 STATION MAXWELL AFB AL 75-84 YEARS MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02												
	03-05												
	06-08	.8	8.3		.5		8.6	28.3	13.9			37.6	969
	09-11	1.1	9.5		.3		9.8	11.0	11.2			20.9	930
	12-14	1.5	8.4		.3		8.7	8.6	4.2		.5	11.1	930
	15-17	2.9	9.9		.3		10.2	5.9	3.8		.4	9.9	930
	18-20	2.0	10.7	.1			10.8	6.2	2.3		.1	8.2	923
	21-23	1.2	10.6	.3			11.0	8.8	1.6			10.1	864
TOTALS		1.6	9.6	.1	.4		9.9	11.1	6.2		.2	16.1	5446

SURFACE WINDS

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

STATION USAFIL AFB STATION NAME 74-00 YEARS 1957 NORTH 1-37

CLASS ALL WEATHER

CONDITION

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	3.3	3.7	1.6	.3								3.7	3.3
NNE	2.3	1.4	.2									4.0	3.1
NE	2.3	.2	.1									2.6	3.0
ENE	2.7	1.4	.7									4.5	2.7
E	1.6	2.7	1.6	.3								6.4	5.4
ESE		1.7	.7									2.4	4.4
SE	.4	.9	.3									2.0	4.4
SSE	.7	.1	.2	.6								2.2	1.0
S	1.1	1.5	1.0	.3								3.3	2.0
SSW	1.6	1.1	.4	.2								3.3	2.5
SW	.7	1.4	.5	.6								3.0	3.3
WSW	2.6	2.5	1.4									6.7	4.0
W	2.1	4.3	3.5	1.0								10.7	4.4
WNW	2.1	2.0	3.3	1.7	.1							7.2	1.0
NW	1.7	2.1	3.3	2.4								7.5	7.5
NNW	1.6	2.0	2.4	1.7								5.7	1.5
VARBL													
CALM												1.0	
	27.6	30.7	21.9	5.1	.1							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 637

U.S. AIR FORCE
 14-00000-1
 14-00000-1

SURFACE WINDS

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

STATION 14-00000-1 STATION NAME 74-25 YEARS 1961
 CLASS ALL WEATHER MONTH 1-12
 CONDITION 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	1.7	4.0	.7	.9								5.2	4.7
NNE	1.4	1.3	.1									2.4	4.1
NE	1.1	.5	.7									2.2	4.0
ENE	1.1	.9	.7									2.7	4.0
E	1.7	2.0	.7	.6								2.4	3.4
ESE	.7	1.7	.7	.2								2.1	3.7
SE	.7	1.7	.7	.2								1.7	3.0
SSE	.7	.9	.7	.7								1.7	4.7
S	2.0	1.7	.7	.1								4.0	3.0
SSW	1.7	1.2	.5									2.1	4.0
SW	1.4	.1										3.0	2.0
WSW	1.3	1.2										2.1	3.0
W	2.4	2.4	.7		.1	.2						7.4	4.4
WNW	1.7	2.7	2.7	.7								7.1	3.7
NW	1.7	1.7	2.7	1.2	.2							7.0	7.1
NNW	1.7	2.0	.7	1.1	.1							2.7	6.1
VARBL													
CALM													
	27.3	4.8	11.1	5.7	.5	.2						1.1	3.0

TOTAL NUMBER OF OBSERVATIONS 461

SURFACE WINDS

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

STATION NAME FAIRBANKS AFB AL YEARS 74-75 MONTH ALL
CLASS ALL
CONDITION ALL
HOURS (L.S.T.) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.1	2.1	2.5	.6								4.1	5.0
NNE	7.4	1.3	.1									4.1	3.1
NE	1.2	.2	.1									4.7	3.1
ENE	1.5	.2	.7										4.1
E	1.6	3.2	1.6	.5								6.0	5.6
ESE	.5	1.4	.7									2.1	5.1
SE	.5	.8	.5	.1								1.0	3.1
SSE	.7	.5	.5	.1	.1							2.1	5.1
S	1.1	1.5	.2									2.1	4.1
SSW	1.1	1.4	.5	.1								1.1	4.7
SW	1.1	.6	.1									1.0	3.1
WSW	1.1	.1	.3									1.0	3.1
W	2.1	2.1	.3	.5								1.4	4.1
WNW	3.1	1.8	2.5	.3	.1							1.1	5.4
NW	1.4	2.1	1.3	.7	.2							1.3	6.1
NNW	2.7	1.9	1.4	1.5	.1							1.1	5.1
VARBL													
CALM												2.4	
	2.1	2.1	1.4	4.6	.6							11.1	3.7

TOTAL NUMBER OF OBSERVATIONS 476

SURFACE WINDS

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

STATION DAWELL AFB AL STATION NAME 7-1-19 YEARS 1950-1951 MONTH 1-12

CLASS ALL WEATHER HOURS (L.S.T.) 0000-2300

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	3.4	1.7	.1								2.4	4.0
NNE	5.4	1.3	.9	.1								1.7	5.0
NE	2.7	2.0	.4	.1								2.7	5.0
ENE	7.4	2.6	.9									2.7	4.0
E	1.0	2.6	2.0	1.2								2.0	4.0
ESE	.0	.1	.1									1.0	3.0
SE		.4	.4	.1	.1							1.0	4.1
SSE	.7	1.2	.3									1.0	4.4
S	.0	1.6	.7									1.0	4.7
SSW	.0	.0	.3									.0	4.0
SW	1.4	.0	.1									1.4	5.4
WSW	1.0	.4	.3									1.7	5.0
W	2.0	1.2	2.5	.7								2.0	5.0
WNW	1.0	2.2	1.2	.7								2.0	5.0
NW	.0	1.6	1.4	.4		.3						2.0	5.0
NNW	1.0	2.4	1.3	.5								2.0	5.0
VARBL													
CALM												2.0	
	33.1	26.4	14.2	3.9	.1	.3						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 760

SURFACE WINDS

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

STATION MAXWELL AFB AL STATION NAME 70-00 YEARS 1961-1962 MONTH 1-12

CLASS ALL HOURS (L & T) 1-12

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 100

ALCANTARA, MARCH
1964
U.S. AIR FORCE SERVICE CENTER

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

SURFACE WINDS

STATION PAWELL AFB AL STATION NAME 75-50 YEARS 1951-1963 NORTH 19-17
CLASS ALL
CONDITION
HOURS (LST)

SPEED (KNTS) DIR.	1 - 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	4.1	1.4	.4								1.1	5.1
NNE	2.1	1.2	.1	.1								1.2	4.1
NE	1.2	1.2	1.1									1.2	4.1
ENE	2.2	1.2	.4	.4								1.2	4.1
E	1.4	1.2	.7	.7								1.2	5.1
ESE	.5	.7	1.5	.5								1.2	7.4
SE	.1	.7	.4	.4								1.2	7.4
SSE	.5	1.4	.2	.5	.1							1.4	7.1
S	1.2	1.2	1.4	.7								.1	1.1
SSW	1.1	1.4	1.1	.7	.1							.1	1.1
SW	.1	1.5	1.1	.6	.1							.1	1.1
WSW	.1	2.1	2.4	.7	.1							1.3	1.1
W	.1	4.2	2.7	2.5	.2							11.7	7.3
WNW	1.2	1.4	2.4	1.3								1.7	7.1
NW	.1	2.1	3.2	.9								1.4	7.7
NNW	1.2	2.7	3.1	1.2	.1							1.7	7.1
VARBL													
CALM												11.1	
	2.1	31.1	24.1	11.9	.8							1.1	5.7

TOTAL NUMBER OF OBSERVATIONS 47

SURFACE WINDS

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

STATION 22-11-11-11 STATION NAME 76-5 YEARS 1961 MONTH 11

CLASS ALL WEATHER

CONDITION

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.4	1.3	.6								.3	4.4
NNE	1.4	1.5	.7									.3	4.1
NE	1.2	1.1										.3	3.4
ENE	2.3	.7	.6	.4								.3	4.2
E	.7	2.3	1.1	.7								.3	4.2
ESE	1.1	.7	.7	.7								.7	5.7
SE	1.1	1.0	.2	.1								.3	4.3
SSE	2.1	1.4	.4	.6	.1							.5	5.4
S	2.1	1.2	1.1	.4	.1							.5	5.6
SSW	1.1	1.3	.7									.1	4.7
SW	1.1	.4	.1									.5	3.6
WSW	2.7	1.1	.1	.2								.4	5.4
W	2.1	1.4	1.2	.4								.5	5.7
WNW	1.1	1.1	1.2	.7	.1							.5	6.4
NW	2.1	2.9	.6	.5	.4	.1						.7	5.6
NNW	2.2	2.1	1.4	.4	.1							.7	5.6
VARBL													
CALM													
	1.4	22.3	1.5	5.6	.2	.1						3.0	3.6

TOTAL NUMBER OF OBSERVATIONS 64

U.S. AIR FORCE
 CLIMATE DIVISION
 WASHINGTON, D.C.

SURFACE WINDS

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

STATION FAIRFALL AFB TX STATION NAME 76-8 YEARS 1951-1952 MONTH 1-12

CLASS ALL WEATHER

CONDITION

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.2	2.7	1.5	.2								1.1	4.1
NNE	2.1	1.3	1.1	.1								.3	3.4
NE	1.5	1.7	.1									.5	2.7
ENE	1.7	1.7	.4	.1								.2	1.4
E	1.5	2.1	1.7	.9								.5	2.8
ESE	.7	.1	.0	.4								.3	2.0
SE	.7	1.2	.4	.1								.1	4.2
SSE	1.1	1.7	.5	.1	.1	.1						.2	2.0
S	1.5	2.1	1.7	.2								.1	4.2
SSW	1.1	.1	.5									.1	3.4
SW	.5	1.2	.1									.1	4.2
WSW	1.5	.5	.7									.1	2.4
W	1.1	1.5	.7	.5								.1	3.1
WNW	1.7	1.0	1.1	.2	.1							.1	2.1
NW	1.5	1.7	.5	.7	.4							.1	3.1
NNW	2.0	2.7	.5	1.1								.1	2.4
VARBL													
CALM													
	2.6	4.1	11.2	4.6	.6	.1						1.1	4.4

TOTAL NUMBER OF OBSERVATIONS 100

AL CLIMATOLOGY
 TAC
 SERVICE/MAC

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

SURFACE WINDS

STATION MAXWELL AFB AL STATION NAME 76-44 YEARS 1976 MONTH 7

CLASS ALL WEATHER

CONDITION

HOURS (LST) 24

SPEED (KNTS) DIR.	1 - 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	2.1	1.4	.2								1.1	4.1
NNE	2.1	2.2	.6	.2								1.1	4.1
NE	2.2	2.4	.7	.1								1.1	4.1
ENE	1.2	2.1	.7	.2								1.1	4.1
E	1.2	2.4	2.1	.2								1.1	4.1
ESE	.2	.4	.4	.5	.1							1.1	4.1
SE	1.2	.7	.5	.7								1.1	4.1
SSE	1.4	1.6	1.2	.1								1.1	4.1
S	.2	2.1	1.2	.6								4.7	4.1
SSW	2.2	.9	.5	.5								1.1	4.1
SW	1.5	.2	.2	.2								1.1	4.7
WSW	.2	.5	.5	.1								1.1	4.4
W	1.2	1.2	2.2	.7								1.1	4.1
WNW	.2	1.7	2.4	.7								1.1	7.1
NW	1.2	1.2	.5	.7	.1							1.1	4.1
NNW	.2	1.2	1.5	.6								1.1	4.1
VARBL													
CALM													
	2.2	3.3	16.7	3	.2							1.1	4.1

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION 75-14 STATION NAME 75-14 YEARS 75-14 MONTH 75-14

CLASS ALL WEATHER HOURS (L.S.T.) 75-14

CONDITION 75-14

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.7	1.4	.4	.1								
NNE	1.1	2.4	1.4	.2									
NE	1.3	1.4											
ENE	1.4	2.4	1.4	.1									
E	1.4	2.4	1.4	.5									
ESE	1.4	1.4	1.4	.5	.1								
SE	1.4	1.4	.4	.4	.1								
SSE		1.4	1.4	1.2	.1								
S	1.1	2.4	2.4	1.1									
SSW	1.4	1.1	2.4	.3									
SW	.4	1.4	1.1	.2									
WSW	1.4	1.4	2.4	1.5	.1								
W	1.4	2.4	2.4	1.4	.1								
WNW		1.4	2.4	1.4	.1								
NW	.4	1.4	1.4	1.3	.1								
NNW	.4	.4	2.4	.2									
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 75-14

U.S. AIR FORCE
 OFFICE OF
 SERVICE

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

SURFACE WINDS

STATION ALL WEATHER STATION NAME 75-54 YEARS 1954 NORTH 11-14
 CLASS ALL WEATHER
 HOURS (L.S.T.) 11-14
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.4	2.4	.5								1.0	2.4
NNE	1.0	1.4	1.4	.1								1.0	2.4
NE	1.0	1.4	.5									1.0	2.4
ENE	1.0	1.4	.7	.1								1.0	2.4
E	1.0	2.2	1.2	.3								1.0	2.4
ESE	1.0	1.1	1.2	.3								1.0	2.4
SE	1.0	1.1	.7	.5	.1							1.0	2.4
SSE	1.0	1.2	1.5	1.0	.3							1.0	2.4
S	1.0	1.0	3.7	2.5	.2							1.0	2.4
SSW	1.0	2.5	3.4	1.2	.3							1.0	2.4
SW	1.0	2.3	1.5	.5	.3							1.0	2.4
WSW	1.0	2.3	2.0	1.4	.1							1.0	2.4
W	2.0	1.0	4.2	1.5	.2	.2						1.0	2.4
WNW	1.0	1.4	1.0	1.0	.2	.1						1.0	2.4
NW	1.0	1.2	2.4	1.2	.4							1.0	2.4
NNW	1.0	1.2	2.2	1.1	.2							1.0	2.4
VARBL													
CALM													
	2.0	2.3	3.2	1.4	2.5	.2						1.0	2.4

TOTAL NUMBER OF OBSERVATIONS 11-14

SURFACE WINDS

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

STATION

STATION NAME

YEARS

NORTH

ALL WEATHER
CLASS

HOURLS (L.S.T.)

CONDITION

SPEED KNTS: DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	4.0	2.0	1.0								2.0	6.0
NNE	1.0	1.0	1.0									1.0	4.0
NE	1.0	1.0	2.0	1.0								1.0	4.0
ENE	1.0	1.0	1.0	1.0								1.0	4.0
E	1.0	1.0	1.0	1.0								1.0	4.0
ESE	1.0	1.0	1.0	1.0								1.0	4.0
SE	1.0	1.0	1.0	1.0	1.0							1.0	4.0
SSE	1.0	1.0	2.0	1.0								1.0	4.0
S	1.0	2.0	4.0	1.0	1.0							1.0	4.0
SSW	1.0	1.0	2.0	1.0	1.0							1.0	4.0
SW	1.0	1.0	1.0	1.0								1.0	4.0
WSW	1.0	2.0	1.0	1.0	1.0							1.0	4.0
W	1.0	1.0	1.0	1.0	1.0	1.0						1.0	4.0
WNW	1.0	1.0	1.0	1.0	1.0							1.0	4.0
NW	1.0	1.0	2.0	1.0	1.0							1.0	4.0
NNW	1.0	1.0	1.0	1.0	1.0							1.0	4.0
VARBL	1.0	1.0	1.0	1.0	1.0							1.0	4.0
CALM	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	4.0

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION WALLA WALLA STATION NAME WALLA WALLA YEARS 1954 MONTH 12

CLASS ALL HOURS (LST) 0000-2300

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 100

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
CLASS _____ HOURS (LST) _____
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

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

STATION	STATION NAME	YEARS	MONTH
	ALL		
	CLASS		HOURS (L.S.T.)
	CONDITION		

[illegible]

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
CLASS ALL WEATHER
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.7	1.2	.5									
NNE	1.2	1.2	.5		.1								
NE	1.2	1.2	.5										
ENE	1.2	1.2	.5	.1									
E	1.2	.5	.5	.1			.1						
ESE	.5	.5	.5										
SE		1.2	.5										
SSE	1.2	1.2	1.1	.1									
S	1.2	3.2	2.3	1.1									
SSW	1.2	3.4	2.2	.4									
SW	1.2	3.2	1.6	.1									
WSW	1.2	3.7	1.3	.3									
W	1.2	4.2	2.2	.6									
WNW	1.2	2.3	1.2	.3									
NW	1.1	.5	1.2	.2									
NNW	.5	2.2	1.2	.1									
VARBL													
CALM													
	3.2	3.2	1.4	4.2	.1		.1						

TOTAL NUMBER OF OBSERVATIONS _____

SURFACE WINDS

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

STATION AXWELL STATION NAME AXWELL YEARS 1954 MONTH 12

CLASS ALL WEATHER HOUSE (L.S.T.) 10-1

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.4	1.2	.2								.1	4.3
NNE	1.4	2.7	.3	.1								.1	4.2
NE	1.1	1.4	.4	.1								.1	4.1
ENE	1.1	2.2	.5									.1	4.0
E	1.1	1.4	.5									.1	4.0
ESE	1.1	1.4	.1	.1								.1	4.0
SE	.7	1.0	.4	.1								.1	4.0
SSE	1.1	2.0	1.4	.6								.1	4.0
S	2.4	4.6	1.1	1.1	.1							11.0	4.0
SSW	1.1	3.3	2.3	.2								.1	4.0
SW	1.2	2.4	1.2	.2								.1	4.0
WSW	1.1	3.2	2.0	.2								.1	4.0
W	1.3	4.7	3.5	.5		.1						1.0	4.1
WNW	.1	1.0	2.0	.4								.1	4.0
NW	.1	1.0	.5	.4								.1	4.0
NNW	1.2	2.4	1.5	.2								.1	4.1
VARBL													
CALM												.1	
	2.4	4.6	3.4	2.3	.1	.1						11.0	4.0

TOTAL NUMBER OF OBSERVATIONS 100

RECEIVED AT: HANCH

DATE: 2000/07/04

SURFACE WINDS

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

STATION ALL WEATHER STATION NAME ALL WEATHER YEARS 7-11 MONTH 7-11

CLASS ALL WEATHER

CONDITION ALL WEATHER

HOURS (L.S.T.) 7-11

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.0	1.2	.2								4.0	4.0
NNE	1.2	1.0	.8									4.0	4.0
NE	1.2	1.0	.8	.1								4.0	4.0
ENE	4.2	3.2	.2									4.0	4.0
E	3.4	3.2	.6									7.4	4.0
ESE	.2	1.0	1.1									2.4	4.0
SE	.2	.2	1.1									2.4	4.0
SSE	1.2	2.4	1.4	.6								4.0	4.0
S	1.2	3.4	2.2	1.0								4.0	4.0
SSW	1.2	2.4	1.6	.8								4.0	4.0
SW	2.4	1.2	.2	.1	.1							4.0	4.0
WSW	1.2	2.7	1.7	.3	.1							4.0	4.0
W	1.2	3.6	2.7	.2	.1							4.0	4.0
WNW	.2	1.2	1.2	.1								4.0	4.0
NW	.2	1.2	1.0	.2								4.0	4.0
NNW	1.2	1.1	.2	.1								4.0	4.0
VARBL													
CALM												1.0	
	12.0	34.6	18.8	3.8	.2							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

 CLASS

 CONDITION

 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		1.6	.1	.2									
NNE	4.1	1.1	.2										
NE	4.2	1.3	.3										
ENE	1.7	1.6	.1										
E	.3	2.5	.5										
ESE	.4	1.2	.6										
SE	1.1	1.7	.2										
SSE	2.2	1.5	1.2										
S	2.4	1.9	1.3	.2	.1								
SSW	1.2	1.2	.3	.1									
SW	1.2	1.0											
WSW	1.2	1.0											
W	1.6	2.0	.4										
WNW	1.3	1.4	.5	.1	.1								
NW	1.4	.6	.9	.1									
NNW	.5	.4	.2										
VARBL													
CALM													
	12.1	27.4	8.7	.8	.7								

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE
 AIR FORCE
 AIR FORCE

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

SURFACE WINDS

STATION MAXWELL AFB AL STATION NAME 7E75-04 YEARS 1961-1962
 CLASS ALL WEATHER
 CONDITION
 HOURS (L.S.T.) 0000-2359

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3											1.3	1.3
NNE	1.4	1.4										2.8	2.8
NE	1.4	1.4										2.8	2.8
ENE	1.4	1.4	1.4									4.2	4.2
E		1.4	1.4									2.8	2.8
ESE		1.4	1.4									2.8	2.8
SE		1.4	1.4									2.8	2.8
SSE		1.4	1.4									2.8	2.8
S		1.4	1.4									2.8	2.8
SSW		1.4	1.4									2.8	2.8
SW			1.4									1.4	1.4
WSW			1.4									1.4	1.4
W			1.4									1.4	1.4
WNW			1.4									1.4	1.4
NW			1.4									1.4	1.4
NNW			1.4									1.4	1.4
VARBL													
CALM													
	1.3	1.4	2.7										

TOTAL NUMBER OF OBSERVATIONS 117

ALBANY, N.Y.
 1964
 1964

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

SURFACE WINDS

STATION ALBANY, N.Y. STATION NAME ALBANY, N.Y. YEARS 1964 MONTH 1964
 CLASS ALL HOURS (L & T) 1964
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.0	1.0	1.4									0.0	0.7
NNE	0.0	1.0	1.4									0.0	0.7
NE	1.0	0.0	0.1									1.0	0.7
ENE	0.1	1.0	1.4									1.0	0.7
E	1.0	1.0	1.4	0.1								1.0	0.7
ESE	0.1	0.1	0.4	0.3								1.0	0.7
SE	1.0	1.7	1.0	0.1	0.1							1.0	0.7
SSE	1.0	1.0	1.0	0.2		0.1						1.0	0.7
S	0.1	0.5	3.6	0.5		0.1						1.0	0.7
SSW	1.0	1.0	0.0	0.7	0.1							1.0	0.7
SW	1.0	0.5	0.1									1.0	0.7
WSW	1.0	0.7	0.1	0.1								1.0	0.7
W	2.0	1.0	0.4									1.0	0.7
WNW	1.0	1.0	0.4									1.0	0.7
NW	1.0	1.0	0.4	0.1								1.0	0.7
NNW	1.0	1.0	0.1		0.1							1.0	0.7
VARBL													
CALM													
	2.0	2.0	1.1	1.0	0.4	0.3						1.0	

TOTAL NUMBER OF OBSERVATIONS 171

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

STATION

STATION NAME

YEAR

MONTANA

ALL-PALE
CLASS

NOV 28 (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.3	.2									5.7	4.0
NNE	.2	.2	.2									2.7	3.2
NE	.2	.1	.1									1.3	2.7
ENE	1.2	.5	.1									1.2	3.4
E	1.5	2.2	.2									4.4	4.0
ESE	1.1	1.3	.6									3.2	4.3
SE	.2	1.2	.7	.1								3.1	5.1
SSE	1.2	3.1	1.2	.6								4.3	5.6
S	4.2	3.4	2.6	.8		.1						11.1	5.1
SSW	2.1	1.5	1.7	.3								5.4	4.0
SW	2.2	.2										2.4	2.1
WSW	2.2	1.2	.1									4.2	2.7
W	5.1	2.7	.2	.2								7.4	4.2
WNW	1.2	2.5	.6	.3								4.2	3.1
NW	1.2	.7	.2	.2								3.2	2.3
NNW	1.2	2.3	1.2	.1								3.2	4.2
VARBL													
CALM												2.3	
	15.3	26.4	12.1	2.3		.1						12.3	6.2

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION 75-04 STATION NAME CASSELL AFB AL YEARS 75-04 MONTH 12
CLASS ALL WEATHER HOURS (L.S.T.) 0000-2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.0	1.0	.4								0.0	1.0
NNE	1.0	.2	.1									0.0	1.0
NE	.0	.4	.2									0.0	1.0
ENE	1.0	1.2										0.0	1.0
E	1.0	2.4	1.7									0.0	1.0
ESE	.7	1.7	1.2	.2								0.0	1.0
SE	.0	1.2	.0	.4								0.0	1.0
SSE	.0	1.4	1.0	.4								0.0	1.0
S	1.0	1.0	4.2	2.4	.4							1.0	1.0
SSW	1.0	3.7	2.2	1.0								1.0	1.0
SW	1.0	1.0	1.0	.4								1.0	1.0
WSW	1.0	2.1	4.2	.9								1.0	1.0
W	1.4	2.2	4.1	1.4	.2							1.0	1.0
WNW	.0	1.2	2.1	.2								0.0	1.0
NW	.0	1.2	1.0	.4								0.0	1.0
NNW	1.1	2.0	2.2	.3								0.0	1.0
VARBL												0.0	1.0
CALM												0.0	1.0
	10.7	11.9	20.6	5.5	.7							1.0	1.0

TOTAL NUMBER OF OBSERVATIONS 1000

SURFACE WINDS

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

STATION NAME WALLACE YEARS 75-76 MONTH ALL
CLASS ALL WEATHER
CONDITION
HOURS (L.S.T.) 1-14

SPEED (KNTS) DIR.	1 - 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									.4	3.0
NNE	1.0	1.0	.3	.1								.4	4.0
NE	1.7	1.2	.4	.1								.4	4.0
ENE	.2	2.0	.2									.4	5.0
E	1.4	.2	1.0									.4	5.0
ESE	.7	1.4	1.2									.4	5.0
SE	.7	1.4	1.7	.1								.4	6.0
SSE	1.7	1.7	1.9	1.1								.4	6.0
S	.2	.2	3.3	1.8	.4	.1						.4	6.0
SSW	1.2	.3	4.2	1.2								.4	7.0
SW	.3	.7	1.4	.6								.4	7.0
WSW	1.4	1.4	3.0	.6								.4	7.0
W	.4	.4	5.2	.6	.2	.1						.4	7.0
WNW	1.1	.4	2.2	.2								.4	7.0
NW	.2	1.6	2.3	.4								.4	7.0
NNW	.2	1.6	2.3	.9								.4	7.0
VARBL												.4	7.0
CALM												.4	7.0
	1.0	3.2	17.2	1.0	.7	.2						.4	7.0

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE
AF TAC
METEOROLOGICAL SERVICE/AFAC

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

SURFACE WINDS

STATION WALLACE AFB AL STATION NAME 75-04 YEARS 1950-1954 MONTH ALL

CLASS ALL WEATHER

CONDITION

HOURS (L & 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	1.1	1.0	1.3									4.7	5.0
NNE	2.0	2.2	.8									1.0	3.0
NE	2.7	2.3	.2									2.0	3.0
ENE	4.4	2.0	.6	.1								1.1	3.7
E	1.0	3.0	1.3	.2								1.0	3.1
ESE	.7	1.7	1.0									1.2	2.2
SE	.7	2.0	1.7	.1								4.1	2.0
SSE	1.1	2.1	2.6	.8								2.6	2.9
S	1.4	2.9	2.7	1.2								7.0	6.0
SSW	1.1	1.7	2.2	.3								2.0	4.0
SW	.4	1.7	2.2	.3								4.7	6.0
WSW	1.2	2.4	2.3	.3								7.2	3.0
W	1.7	3.6	3.7	1.6	.2							1.0	7.0
WNW	.4	1.3	1.4	.2								4.0	4.0
NW	.0	1.7	1.3	1.2								4.0	7.0
NNW	.2	1.2	1.1	.7								2.0	6.7
VARBL													
CALM													
	22.7	30.3	44.7	7.3	.2							12.0	5.0

TOTAL NUMBER OF OBSERVATIONS 600

SURFACE WINDS

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

STATION SAFARI STATION STATION NAME SAFARI STATION YEARS 1964 MONTH 12

CLASS ALL WEATHER

CONDITION

HOURS (L.S.T.) 0000-2359

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.2	1.2									1.2	4.0
NNE	4.2	4.2	1.2									1.2	5.0
NE	3.2	2.2	1.2									1.2	5.0
ENE	1.4	2.2	1.2									1.2	4.0
E	1.2	2.2	1.2									1.2	4.0
ESE	1.2	1.2	1.2									1.2	4.0
SE	1.2	2.2	1.2	1.2	1.2							1.2	5.0
SSE	1.2	1.2	1.2	1.2								1.2	5.0
S	1.2	2.2	1.2	1.2								1.2	5.0
SSW	1.2	1.2	1.2	1.2		1.2						1.2	5.0
SW	1.2	1.2	1.2	1.2								1.2	5.0
WSW	1.2	1.2	1.2	1.2	1.2							1.2	5.0
W	1.2	1.2	2.2	1.2	1.2							1.2	5.0
WNW	1.2	1.2	1.2	1.2								1.2	5.0
NW	1.2	1.2	1.2	1.2								1.2	5.0
NNW	1.2	1.2	1.2	1.2								1.2	5.0
VARBL													
CALM													
	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	5.0

TOTAL NUMBER OF OBSERVATIONS 100

SURFACE WINDS

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

STATION 75-04 STATION NAME ALL WEATHER YEARS 1954-1955 MONTH 1954-1955

CLASS ALL WEATHER

CONDITION

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	1.7	2.2	2.2									1.7	2.2
NNE	1.7	2.2	2.2									1.7	2.2
NE	1.7	2.2	2.2									1.7	2.2
ENE	1.7	2.2	2.2	2.2								1.7	2.2
E	1.7	2.2	2.2	2.2	2.2							1.7	2.2
ESE	1.7	2.2	2.2	2.2	2.2	2.2						1.7	2.2
SE	1.7	2.2	2.2	2.2	2.2	2.2	2.2					1.7	2.2
SSE	1.7	2.2	2.2	2.2	2.2	2.2	2.2	2.2				1.7	2.2
S	1.7	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2			1.7	2.2
SSW	1.7	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2		1.7	2.2
SW	1.7	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.7	2.2
WSW	1.7	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.7	2.2
W	1.7	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.7	2.2
WNW	1.7	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.7	2.2
NW	1.7	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.7	2.2
NNW	1.7	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.7	2.2
VARBL	1.7	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.7	2.2
CALM	1.7	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	1.7	2.2

TOTAL NUMBER OF OBSERVATIONS 100

U.S. AIR FORCE
 AFMPC
 U.S. AIR FORCE SERVICE ACADEMY

SURFACE WIND

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

STATION MAXWELL AFB AL STATION NAME 75-7074-04 YEARS 1975 NORTH 100

CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEA WIN SPEE
N	0.0	1.4	0.5									0.1	2
NNE	0.0	0.0	0.0									0.0	2
NE	0.0	0.0	0.0									0.0	2
ENE	0.0	0.0	0.0									0.0	2
E	1.0	1.4	0.5									0.2	4
ESE	0.0	0.0	0.0									0.0	2
SE	0.0	0.0	0.0									0.0	2
SSE	1.0	1.4	0.0									0.0	2
S	0.0	0.0	0.0									0.0	2
SSW	0.0	0.0	0.0									0.0	2
SW	0.0	0.0	0.0									0.0	2
WSW	1.0	0.0	0.0									0.0	1
W	1.0	0.0	0.0									0.0	1
WNW	0.0	0.0	0.0									0.0	2
NW	0.0	0.0	0.0									0.0	2
NNW	0.0	0.0	0.0									0.0	2
VARBL												0.0	2
CALM												0.0	2
	5.0	6.9	0.2									1.0	1

TOTAL NUMBER OF OBSERVATIONS 100

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

STATION

STATION NAME

YEARS

NOTES

~~ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED~~
DATE 10-15-2010 BY 60322 UCBAW

CONDITION

NOV 22 (L.A.T.)

[illegible]

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8.5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

U.S. AIR FORCE
 USAFETAC
 AIRCRAFT SERVICE/MAINT

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

SURFACE WINDS

STATION WALLA WALLA STATION NAME 75-24 YEARS 1950-1954 MONTH 1-12
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.2	2.2	.3									2.2	3.7
NNE	3.2	2.2	.2									2.2	3.4
NE	3.2	2.7	.3									3.2	3.6
ENE	3.4	1.2	1.2									3.4	3.2
E	3.2	1.3	1.1									3.2	3.2
ESE	.3	1.2	.4									.3	3.3
SE	1.2	1.7	.4									1.2	4.2
SSE	1.2	1.5	.2									1.2	3.2
S	2.2	1.7	.4									2.2	4.2
SSW	2.2	2.8	1.2									2.2	4.2
SW	1.2	2.2	.7									1.2	4.2
WSW	2.2	3.7	1.5									2.2	4.2
W	3.4	5.2	2.5									11.7	4.2
WNW	1.1	2.2	.4									1.1	3.2
NW	.2	1.2	.1									.2	3.2
NNW	1.1	1.1	.1	.2								1.1	3.2
VARBL													
CALM													
	40.2	77.3	11.3	.2								14.2	3.2

TOTAL NUMBER OF OBSERVATIONS 142

SURFACE WINDS

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

STATION NAME 75-64 YEARS 1-14
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.1	1.1									7.1	4.1
NNE	2.1	3.1	1.2	.1								2.1	4.1
NE	1.1	1.1	.1									.1	3.1
ENE	2.1	3.1	.7	.1								.1	4.1
E	1.1	3.1	.4									.1	4.1
ESE	1.1	1.1	.1	.1								.1	4.1
SE		1.1	.1									.1	4.1
SSE		1.1	.1	.2								.1	4.1
S	1.1	3.1	2.1	.2								7.1	5.1
SSW	1.1	2.1	1.1									.1	5.1
SW	1.1	3.1	1.1									.1	5.1
WSW	2.1	4.1	3.1									.1	5.1
W	2.1	6.1	3.1									11.1	5.1
WNW	1.1	2.1	1.1	.2								.1	5.1
NW	1.1	1.1	1.1	.1								.1	4.1
NNW	1.1	1.1	.7	.1								.1	3.1
VARBL													
CALM													
	3.1	44.1	19.1	1.2								1.1	4.1

TOTAL NUMBER OF OBSERVATIONS 100

U.S. AIR FORCE
 WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION MACAULI AFB AL STATION NAME MACAULI AFB AL YEARS 75-76 MONTH JUL
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-1700
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.7	1.0	1.2								1.0	1.0
NNE	1.0	1.7	1.0	1.2								1.0	1.0
NE	1.0	1.7	1.0	1.2								1.0	1.0
ENE	1.0	1.7	1.0	1.2								1.0	1.0
E	1.0	1.7	1.0	1.2								1.0	1.0
ESE	1.0	1.7	1.0	1.2								1.0	1.0
SE	1.0	1.7	1.0	1.2								1.0	1.0
SSE	1.0	1.7	1.0	1.2								1.0	1.0
S	1.0	1.7	1.0	1.2	1.1	1.1						1.0	1.0
SSW	1.0	1.7	1.0	1.2	1.1	1.1						1.0	1.0
SW	1.0	1.7	1.0	1.2	1.1	1.1						1.0	1.0
WSW	1.0	1.7	1.0	1.2	1.1	1.1						1.0	1.0
W	1.0	1.7	1.0	1.2	1.1	1.1						1.0	1.0
WNW	1.0	1.7	1.0	1.2	1.1	1.1						1.0	1.0
NW	1.0	1.7	1.0	1.2	1.1	1.1	1.1					1.0	1.0
NNW	1.0	1.7	1.0	1.2	1.1	1.1	1.1					1.0	1.0
VARBL													
CALM													
	2.0	4.4	1.7	1.7	1.1	1.1	1.1					1.0	1.0

TOTAL NUMBER OF OBSERVATIONS 100

SURFACE WINDS

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

STATION AX-LL AL AL STATION NAME 7-54 YEARS 1954 MONTH 1
 CLASS ALL WEATHER HOURS (L.B.T.) 24
 CONDITION

SPEED (KNTS) DIR.	1 - 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	.4		.1							.6	3.0
NNE	.2	.4	.1									.6	2.7
NE	.1	.3										.4	2.4
ENE	.2	.3	.1									.6	2.7
E	.2	.2	.3									.7	3.0
ESE	.1	.4	.2		.1							.8	4.0
SE	.1	.7	.4									.7	4.2
SSE	.1	.4	.4									.9	3.7
S	.4	.2	.3		.1							.9	3.0
SSW	.4	.9	.1	.1								.7	3.1
SW	.7	.8	.1									.6	3.0
WSW	.2	.2	.1	.1								.6	3.0
W	.3	.7	.3									.7	3.0
WNW	.1	.7										.8	2.8
NW	.1	.5	.2									.8	3.7
NNW	.1	.3	.1	.1								.8	4.4
VARBL													
CALM													
	.4	.7	.5	.3	.3							1.3	3.4

TOTAL NUMBER OF OBSERVATIONS 41

U.S. AIR FORCE
METEOROLOGICAL SERVICE/MAC

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

SURFACE WINDS

STATION MAXWELL AFB AL STATION NAME 75-84 YEARS 1975-1976 NORTH 100-1-21
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.2	1.3	0.2									0.4	2.0
NNE	0.4	0.7	0.2									0.4	2.0
NE	1.2	0.7	0.2									0.4	2.0
ENE	1.2	0.2	0.2									0.4	2.0
E	1.2	0.2	0.2									0.4	2.0
ESE	1.2	1.3	0.2									0.4	2.0
SE	1.2	1.3	0.2									0.4	2.0
SSE	1.2	1.3	0.2									0.4	2.0
S	0.2	1.4	0.2	0.2								0.4	3.0
SSW	0.2	1.3	0.2									0.4	3.0
SW	0.2	0.2	0.2	0.2								0.4	3.0
WSW	1.2	1.2										0.4	3.0
W	0.2	0.5										0.4	3.0
WNW	0.2											0.4	3.0
NW	1.2											0.4	3.0
NNW	0.2	0.7										0.4	3.0
VARBL													
CALM													
	22.4	14.1	2.7	0.3								1.0	1.0

TOTAL NUMBER OF OBSERVATIONS 1000

ALCANTARA, MARCH
1977
STATE SERVICE MAC

SURFACE WINDS

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

STATION MACALL AFB AL STATION NAME 77-84 YEARS 1977 MONTH JUL
 CLASS ALL WEATHER
 HOURS (L.S.T.) 00-24
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	5.6											5.6	4.5
NE	2.8											2.8	2.3
ENE	3.7	2.3										6.0	3.1
E	2.8	2.3										5.1	3.0
ESE	2.3	2.0										4.3	2.8
SE			2.0									2.0	2.5
SSE	1.1											1.1	2.5
S	1.1	1.7										2.8	2.7
SSW	1.1	2.0										3.1	2.4
SW	2.8											2.8	2.4
WSW	2.0											2.0	2.7
W	2.0											2.0	2.7
WNW													2.7
NW													
NNW	2.0											2.0	2.7
VARBL													
CALM													
	32.1	7.8	2.0									41.9	2.7

TOTAL NUMBER OF OBSERVATIONS 419

SURFACE WINDS

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

STATION MAAFTIL AFB AL STATION NAME MAAFTIL AFB YEARS 1954 SOUTH 11

CLASS ALL WEATHER

CONDITION

HOURS (L.S.T.) 0000

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.0	0.0	0.1									0.0	2.0
NNE	0.1	0.0										0.0	2.0
NE	0.7	1.1										0.0	2.0
ENE	0.1	1.0	0.1									0.0	3.0
E	0.2	2.5	1.2	0.1								0.0	3.0
ESE	1.7	1.0	0.4	0.2								0.0	4.0
SE	1.2	0.1	0.1	0.1								0.0	5.0
SSE	1.1	1.0	0.1									0.0	6.0
S	0.1	0.5	0.1									0.0	7.0
SSW	0.3	0.0	0.2									0.0	8.0
SW	0.1	0.0	0.3									0.0	9.0
WSW	0.6	1.5	0.2									0.0	10.0
W	0.7	2.3	0.1									0.0	11.0
WNW	0.0	0.0										0.0	12.0
NW	1.4	0.5										0.0	13.0
NNW	1.7	0.5	0.1									0.0	14.0
VARBL												0.0	15.0
CALM												0.0	16.0
	4.0	1.0	3.0	0.4								1.0	17.0

TOTAL NUMBER OF OBSERVATIONS 17

U.S. AIR FORCE
 AIRCRAFT SERVICE / PAC

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

SURFACE WINDS

STATION WHEELING AFB A STATION NAME WHEELING AFB A YEARS 75-76 MONTH NOV

CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 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	1.2										3.7	2.0
NNE	2.2	2.5										4.7	3.0
NE	3.1	1.1										4.2	2.7
ENE	3.4	3.5	.4									7.7	3.7
E	2.4	3.3	1.7	.1								7.2	4.0
ESE	1.1	1.5	.8	.5								4.5	3.4
SE	.7	.9	.5	.1								2.5	2.0
SSE	.8	.5	.2	.1								1.4	1.0
S	2.7	1.3	.5									4.5	3.0
SSW	2.3	1.5	.3									4.1	3.0
SW	1.1	1.5	.5									3.2	3.0
WSW	4.1	3.5	.3									8.0	3.0
W	4.3	4.7	1.1									10.0	4.0
WNW	2.5	1.8	.2									4.5	3.0
NW	1.2	2.2	.1									3.4	3.0
NNW	4.4	1.5	.2									6.1	2.7
VARBL													
CALM												14.1	
	40.1	52.8	6.1	.4								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 97

SURFACE WINDS

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

STATION AXXELL STATION NAME AXXELL YEARS 75-84 SOUTH 11

CLASS ALL WEATHER HOURS (L.S.T.) 1-14

CONDITION _____

SPEED (KNTS) DIR.	1 - 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	1.4	.2									4.4	3.3
NNE	2.7	3.3	.2									2.7	3.0
NE	1.0	1.7	.3									1.0	3.0
ENE	3.0	2.6	.5									3.0	3.0
E	1.6	2.9	2.3									1.6	3.0
ESE	1.7	1.7	1.0	.5								1.7	3.0
SE	.3	1.7	.5	.3								.3	3.0
SSE	.9	1.2	.4	.1								.9	3.0
S	2.4	2.7	1.0	.2								2.4	3.0
SSW	1.4	3.1	.5	.4	.1							1.4	3.0
SW	1.0	2.3	.4		.1							1.0	3.0
WSW	3.2	1.2	1.4									3.2	3.0
W	4.0	4.4	2.2	.3								4.0	3.0
WNW	1.0	3.1	.6									1.0	3.0
NW	1.0	.3	.2	.2								1.0	3.0
NNW	3.0	2.6	.4	.1								3.0	3.0
VARBL													3.0
CALM													3.0
	4.4	4.4	3.7	.7	.2							4.4	3.0

TOTAL NUMBER OF OBSERVATIONS 97

U.S. AIR FORCE
 WIND DATA
 FORM 8-5 (OL-A)

SURFACE WINDS

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

STATION PAWELL GUN AT STATION NAME 75-4 YEARS 1951 MONTH 7-1

CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.2	.2	.1								.4	2.4
NNE	.4	.2	.1	.1								.4	2.4
NE	.4	.2	.1	.1								.4	2.4
ENE	.4	.2	.4									.4	2.4
E	.4	.2	.1									.4	2.4
ESE	.7	.7	.2	.2								.7	2.4
SE	.7	.1	.1	.4								.7	2.4
SSE	.4	.1	.2	.7								.4	2.4
S	.4	.2	.1	.5								.4	2.4
SSW	.4	.2	.2									.4	2.4
SW	.4	.2	.7	.1								.4	2.4
WSW	.7	.1	.7	.1								.7	2.4
W	.4	.5	.2	.3								.4	2.4
WNW	.3	.6	.2									.3	2.4
NW	.4	.3	.1									.4	2.4
NNW	.4	.2	.2									.4	2.4
VARBL													
CALM													
	36.7	30.9	12.7	2.7								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 100

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

 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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE
 AIR SERVICE

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

SURFACE WINDS

STATION WALLA WALLA STATION NAME WALLA WALLA YEARS 1954 MONTH 10
 CLASS ALL
 HOURS (L.S.T.) 0000
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 100

SURFACE WINDS

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

STATION USAFETAC STATION NAME USAFETAC YEARS 75-76 NORTH 100-0
 CLASS ALL SEAS
 HOURS (L.S.T.) 0000-2359
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 100

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

 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	4.2	2.3	2.2	1.1								2.7	3.7
NNE	2.2	1.2	1.4									2.3	3.1
NE	2.2	1.2	1.1									2.2	3.0
ENE	2.2	2.3	1.1	1.3								2.7	3.7
E	2.2	2.1	2.2	1.1								2.7	3.7
ESE	1.4	2.1	1.2									2.4	3.4
SE	1.1	1.2	1.1									2.4	3.4
SSE	1.1	1.2	1.1									2.4	3.4
S	1.1	1.1	1.4									2.4	3.4
SSW	1.1	1.2	1.1									2.4	3.4
SW	1.1	1.2	1.1									2.4	3.4
WSW	1.1	1.2	1.1									2.4	3.4
W	1.1	1.2	1.1									2.4	3.4
WNW	1.1	1.2	1.1									2.4	3.4
NW	1.1	1.2	1.1									2.4	3.4
NNW	1.1	1.2	1.1									2.4	3.4
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE
 WATKINS SERVICE / MAG

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

SURFACE WINDS

STATION WATKINS SERVICE / MAG STATION NAME WATKINS SERVICE / MAG YEARS 75-76 MONTH 7-17
 CLASS ALL - ATLAS HOURS (L.S.T.) 0000-2359
 CONDITION

SPEED (KNTS) DIR.	1 - 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	5.1	2.0									1.2	4.0
NNE	1.2	2.0	1.2	.1								1.2	4.0
NE	2.2	2.0	.4	.1								2.2	4.0
ENE	2.2	4.2	1.1	.3								2.2	4.0
E	1.2	4.4	2.7									1.2	4.0
ESE	1.1	1.1	.1	.1								1.1	4.0
SE	1.1	1.2	.7									1.1	4.0
SSE	1.1	1.2	.1									1.1	4.0
S	1.7	1.2	1.0	.1		.1						1.7	4.0
SSW	1.4	1.2	.5	.3								1.4	4.0
SW	2.2	1.3	.3									2.2	4.0
WSW	1.7	1.2	.2	.2	.1							1.7	4.0
W	2.2	5.3	.4	.2								2.2	4.0
WNW	1.2	1.2	.2	.2								1.2	4.0
NW	.2	.2	.3									.2	4.0
NNW	1.2	1.2	1.2	.2								1.2	4.0
VARBL													
CALM													
	37.1	41.7	15.4	1.7	.1	.1						1.2	4.0

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION 111111 STATION NAME 111111 YEARS 1111 MONTH 11

CLASS ALL WEATHER HOURS (L.S.T.) 1111-1111

CONDITION

SPEED (KNTS) DIR.	1 - 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	4.7	2.4	.2								11.1	4.7
NNE	1.3	5.3	2.0	.1								2.0	4.7
NE	1.1	5.7	1.6	.1								5.7	5.1
ENE	2.4	5.1	1.6	.3								5.1	5.1
E	3.7	4.2	4.1	.2								14.2	5.4
ESE	1.1	2.2	1.6									4.2	5.1
SE		2.0	.6									2.0	4.1
SSE	1.1	1.0	1.0	.1								3.0	4.1
S	1.2	1.1	1.0	.3	.2							3.0	4.1
SSW	1.1	2.2	.3	.1		.1						2.2	5.0
SW	.5	1.0	.7	.2								2.0	5.7
WSW	1.1	2.3	.7									4.0	4.1
W	1.1	3.1	.9	.4								5.0	5.8
WNW	1.4	1.4	.4	.1								4.0	4.5
NW	1.1	1.0	.3									2.0	4.0
NNW	.3	1.7	1.3	.1								3.0	5.1
VARBL													
CALM												4.1	
	2.4	44.4	1.7	2.4	.2	.1						11.1	4.7

TOTAL NUMBER OF OBSERVATIONS 1111

U.S. AIR FORCE
 10-10-64
 10-10-64

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

SURFACE WINDS

STATION 10-10-64 STATION NAME 75-24 YEARS 10-10-64 MONTH 10-10-64

CLASS ALL WEATHER HOURS (L.S.T.) 10-10-64

CONDITION

SPEED (KNTS) DIR.	1 - 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	2.7	1.6	.2		.1						7.4	3.0
NNE	2.7	4.2	1.6	.2								1.1	4.2
NE	2.7	3.5	.3	.2								7.7	4.2
ENE	4.2	6.4	7.1	.4								1.1	5.4
E	4.4	7.7	4.2	.4								17.7	5.4
ESE	2.1	3.5	.2									2.2	4.4
SE	.7	.2	.4	.1		.1						2.2	5.4
SSE	1.2	1.4	.3		.1	.1						2.2	5.4
S	1.2	1.7	.5									2.4	4.2
SSW	1.2	.3	.6	.1								2.2	4.2
SW	.2	.2	.2									2.2	4.2
WSW	1.1	1.2	.3									2.2	4.2
W	1.7	1.2	.5									4.2	4.2
WNW	1.1	1.2	.7			.1						2.1	5.1
NW	1.2	1.1	.3									2.4	4.4
NNW	1.2	.9	.6	.1								2.2	5.1
VARBL													
CALM													
	31.1	35.1	17.3	1.2	.1	.4						1.1	4.4

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE
CLIMATE DIVISION
METEOROLOGICAL SERVICE

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

SURFACE WINDS

STATION AXXWELL HFB AL STATION NAME 75-44 YEARS 1957-1967
 CLASS ALL HOURS (L.S.T.) 0000-2300
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.1	2.4	.2									6.7	5.0
NNE	7.0	3.2	.7	.1								11.0	3.0
NE	6.5	4.5	.7									11.2	3.7
ENE	5.2	3.4	1.3	.1								11.1	4.1
E	3.0	4.3	.9	.2								8.4	4.0
ESE	1.9	1.7	.1	.2								3.9	1.7
SE	.2	.2	.1		.1							1.4	2.6
SSE	.1	.3	.2									1.1	2.7
S	1.2	.3	.1									.3	3.1
SSW	1.0	.4	.1									1.5	3.4
SW	.0	.1	.1									1.6	3.0
WSW	1.0	.3										1.3	2.0
W	.0	1.2	.1									1.4	3.7
WNW	1.7	.3	.7									.3	3.0
NW	1.1	.3		.2								1.7	3.7
NNW	.0	.6										1.4	2.0
VARBL													
CALM												27.4	
	5.0	10.3	5.0	.0	.1							106.0	2.7

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE
 WEATHER SERVICE
 WASHINGTON, D.C.

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

SURFACE WINDS

STATION YAKUTSK AIR AL STATION NAME 75-75-4 YEARS 1950 MONTH 1950
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-2300
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.0	1.4	0.0									0.0	3.0
NNE	10.0	4.0										10.0	2.7
NE	0.0	3.0										0.0	3.0
ENE	0.0	3.0										0.0	3.0
E	2.0	5.0										2.0	4.0
ESE	0.0	0.0		0.5								0.0	0.5
SE			0.0									0.0	0.0
SSE	0.0											0.0	0.0
S	0.0											0.0	0.0
SSW	0.0											0.0	0.0
SW	0.0											0.0	0.0
WSW	0.0	0.0										0.0	0.0
W	0.0											0.0	0.0
WNW	1.0	0.5										1.0	2.0
NW	0.0											0.0	0.0
NNW	0.0											0.0	0.0
VARBL													
CALM												0.0	
	34.4	12.7	1.4	0.5								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 11

U.S. AIR FORCE
 1. STATION
 2. LOCATION SERVICE/MAL

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

SURFACE WINDS

STATION WALL AFB AL STATION NAME 75-54 YEARS ALL MONTH ALL
 CLASS ALL HOURS (L.S.T.) ALL
 CONDITION ALL

SPEED (KNTS) DIR.	1 - 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	.5										2.1	2.0
NNE	2.4	.3		.2								2.3	2.2
NE	2.1											2.1	2.2
ENE	1.6	.5										2.4	2.7
E	4.1	2.1	.5									2.7	3.4
ESE	1.5	1.2	.2									.7	2.5
SE	1.5	1.3	.5									.4	3.7
SSE	1.1	1.5										.5	3.4
S	4.5	2.4	.3									7.1	3.1
SSW	1.4	1.2	.3									4.7	3.1
SW	1.5	.5										2.4	2.5
WSW	1.3	.2										1.1	2.4
W	1.5	.2										.1	2.2
WNW	.5	.3										.3	2.6
NW	.5											.3	2.6
NNW	.5	.2										.2	3.0
VARBL													
CALM													
	22.3	12.9	1.6	.2								1.000	1.3

TOTAL NUMBER OF OBSERVATIONS 1000

SURFACE WINDS

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

STATION DAWELL AFB AL STATION NAME 75-64 YEARS 1951-1954 MONTH ALL

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

CONDITION ALL

SPEED (KNTS) DIR.	1 - 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	0.6	0.2									2.4	2.0
NNE	2.2	0.6										2.2	2.0
NE	1.0	0.6										1.0	3.0
ENE	2.2	1.3										2.4	3.1
E	2.2	2.2	0.2	0.2								4.0	4.1
ESE	1.0	1.9	0.2									4.0	3.3
SE	1.0	1.1	0.4									4.0	3.0
SSE	2.2	1.1	0.3									4.0	3.4
S	4.2	3.3	0.6	0.1								4.3	3.3
SSW	3.2	1.2	0.2	0.1								4.5	3.4
SW	2.7	1.3	0.1									4.1	3.1
WSW	2.1	0.6	0.1									2.8	2.7
W	4.2	1.0	0.4									4.0	3.1
WNW	0.2	0.2										1.0	3.0
NW	1.0	0.3	0.1									1.4	3.0
NNW	1.4	0.4	0.1									1.5	3.0
VARBL													
CALM												7.0	
	34.3	19.9	7.0	0.4								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 424

U.S. AIR FORCE
 AIRCRAFT
 SERVICE

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

SURFACE WINDS

STATION FAIRFALL AFB TX STATION NAME FAIRFALL AFB TX YEARS 7-54 MONTH ALL
 CLASS ALL WEATHER HOURS (L & T) 1-17
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.2	.2		.1							.2	.5
NNE	.2	.2	.5									.1	.3
NE	.1	.2	.1									.1	.4
ENE	.1	.4	.9									.4	.7
E	.2	.3	.9									.4	.6
ESE		.3	.7									.1	.3
SE		.2	.1	.1								.1	.4
SSE	.1	.2	.5	.1		.1						.4	.6
S	.1	.3	.2	.5	.1							.2	.5
SSW	.1	.2	.6									.1	.7
SW	.2	.7	.6									.1	.4
WSW	.2	.4	.2									.1	.3
W	.1	.4	.2	.1								.1	.4
WNW	.4	.9	.4									.4	.3
NW	.7	.9		.1								.1	.5
NNW	.2	.7	.4	.2								.4	.4
VARBL													
CALM													
	.3	.1	.7	.2	.2	.1						.1	.4

TOTAL NUMBER OF OBSERVATIONS 100

SURFACE WINDS

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

STATION MAXWELL AFB AL STATION NAME 75-44 YEARS 1950-1954 MONTH 1-12
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-2400
 CONDITION

SPEED (KNTS) DIR.	1 - 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	2.7	.6									7.0	3.0
NNE	4.7	2.9	.7									7.3	3.2
NE	1.7	2.7	.5									4.9	3.1
ENE	1.3	3.4	.5									5.2	4.4
E	7.3	5.1	2.7									15.1	4.0
ESE	1.7	3.2	.7	.4								5.0	3.4
SE	.7	1.3	.5									2.5	4.0
SSE	.7	2.2	.5									3.4	4.0
S	1.7	3.5	.9	.1								5.2	4.0
SSW	1.1	2.2	.5									3.8	4.0
SW	1.7	2.7	.4									4.8	4.0
WSW	2.1	3.8	1.1	.1								7.1	4.0
W	7.3	4.2	.8	.1								12.4	4.0
WNW	1.2	2.4	.3	.1								4.0	4.0
NW	1.1	1.4										2.5	3.0
NNW	2.7	2.5	.1									5.3	3.0
VARBL													
CALM													
	31.5	47.6	11.0	.9								91.0	4.0

TOTAL NUMBER OF OBSERVATIONS 91

U.S. AIR FORCE
 WETAC
 METEOROLOGICAL SERVICE/MAO

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

SURFACE WINDS

STATION WETAC STATION NAME WETAC YEARS 75-76 NORTH 10-11
 CLASS ALL WETAC
 HOURS (L.S.T.) 10-11
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.4										4.6	2.3
NNE	2.2	1.4	.1									5.7	3.1
NE	2.2	2.3	.2									4.9	3.2
ENE	1.1	4.3	.6									1.2	3.5
E	2.2	5.3	1.2	.1								1.2	4.1
ESE	2.2	2.4	1.2	.1								2.7	4.0
SE	1.2	1.4	.1									2.7	3.2
SSE	1.4	2.3	.2									1.2	3.0
S	2.2	1.2	.4									4.2	3.4
SSW	2.2	1.1	.3									2.4	3.4
SW	1.2	1.5										2.2	3.2
WSW	1.2	2.7	.2									2.2	3.4
W	3.2	3.4	.2		.1							7.1	3.2
WNW	1.2	1.2	.1									4.2	3.0
NW	1.2	1.4										2.1	3.1
NNW	1.2	1.1	.2									2.2	3.0
VARBL													
CALM												1.2	
	4.5	34.5	5.7	.2	.1							1.2	3.1

TOTAL NUMBER OF OBSERVATIONS 75

SURFACE WINDS

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

STATION ABELL 455 AL STATION NAME 7-24 YEARS 1950 MONTH 1950

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	0.0	0.1									1.0	2.0
NNE	0.0	1.0	0.1									1.0	2.0
NE	0.0	1.0										1.0	2.0
ENE	0.0	0.0										0.0	2.0
E	0.0	0.1	1.0									1.0	4.0
ESE	1.0	1.0	0.0									1.0	4.0
SE	1.0	1.0										1.0	3.0
SSE	1.0	0.0										1.0	2.0
S	1.0	0.0										1.0	2.0
SSW	1.0	0.0										1.0	2.0
SW	0.0	0.1										0.0	2.0
WSW	0.0	0.0	0.1									0.0	2.0
W	0.0	1.0	0.0									1.0	3.0
WNW	1.0	0.0	0.1									1.0	3.0
NW	1.0	0.0										1.0	2.0
NNW	1.0	0.0										1.0	2.0
VARBL													
CALM													
	4.0	1.0	0.0									5.0	1.0

TOTAL NUMBER OF OBSERVATIONS 100

U.S. AIR FORCE
 WEATHER SERVICE

SURFACE WIND

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

STATION 75-76-73-84 STATION NAME ALL WEATHER YEARS 75-76-73-84 NORTH 0-9
 CLASS ALL WEATHER HOURS (L.S.T.) 0-9
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEA WIN SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE
 100
 100

SURFACE WIN

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

STATION 100 STATION NAME 100 YEARS 100 MONTH 100

CLASS ALL WEATHER HOURS 100

CONDITION 100

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	1.0	2.1										1.0
NNE	1.0	2.1	1.0									1.0
NE	2.1											2.1
ENE	4.0											4.0
E	1.0	1.0	1.0									1.0
ESE	1.0	1.0										1.0
SE	1.0											1.0
SSE												
S	1.0											1.0
SSW												
SW	1.0											1.0
WSW												
W	1.0											1.0
WNW	1.0	1.0										1.0
NW	1.0											1.0
NNW	1.0	1.0	1.0									1.0
VARBL												
CALM												1.0

TOTAL NUMBER OF OBSERVATIONS 100

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NOAA

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

SURFACE WINDS

STATION Aswell Falls STATION NAME Aswell Falls YEARS 1964 MONTH 7

ALL WEATHER CLASS ALL WEATHER HOURS (L.S.T.) 0000-2359

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.1	2.4	1.2	0.3								0.7	5.0
NNE	0.4	2.5	0.4									0.7	5.0
NE	0.6	3.6	0.4									1.7	5.0
ENE	4.0	4.0	0.7									3.1	5.0
E	2.1	3.0	1.6	0.1								2.7	4.0
ESE	0.2	1.4	0.4	0.1								0.7	5.0
SE	0.4	0.4	0.5	0.2								1.6	5.0
SSE	0.1	0.2	0.2	0.1								1.0	5.0
S	1.1	0.4	0.1									1.6	5.0
SSW	0.1	0.1	0.4									0.7	5.0
SW	0.4	0.7										1.1	4.0
WSW	0.2	0.2	0.1									0.7	5.0
W	0.2	0.4	0.4	0.2								1.6	4.0
WNW	1.2	1.3	0.4									3.0	4.0
NW	0.1	0.2	0.2	0.1								0.7	5.0
NNW	0.1	1.3	1.2									2.6	5.0
VARBL												0.1	5.0
CALM												3.4	
	3.0	24.7	9.4	1.7								10.0	5.0

TOTAL NUMBER OF OBSERVATIONS 100

ATMOSPHERIC STATION
 100-100
 100-100 SERVICE 1000

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

SURFACE WINDS

STATION 100-100 STATION NAME 100-100 YEARS 100-100 MONTH 100-100

ALL 100-100 CLASS 100-100 HOURS (L.S.T.) 100-100

CONDITION 100-100

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.7	3.1	.2									
NNE	1.7	2.7	.5	.1									
NE	2.1	2.2	.7										
ENE	4.7	4.7	1.4										
E	3.7	5.5	5.2	.2									
ESE	1.4	2.7	2.5	.1									
SE	1.7	1.4	.5	.5									
SSE	1.7	1.3	1.7	.2									
S	.7	1.5	.3										
SSW	1.7	.5	1.7	.1									
SW	1.1	.4	.7										
WSW	.7	1.3	.4	.1									
W	1.7	2.3	1.2	.1									
WNW	.7	.5	1.0										
NW	.7	.5	1.4	.3									
NNW	.7	1.2	1.2	.1									
VARBL													
CALM													
	20.6	34.5	23.7	2.2									

TOTAL NUMBER OF OBSERVATIONS 100-100

SURFACE WINDS

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

STATION WALLACE STATION NAME WALLACE YEARS 73-84 MONTH ALL

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.2	2.7	.2								2.1	5.4
NNE	1.4	2.3	.2	.2								1.1	4.1
NE	1.4	2.2	.3									1.1	5.1
ENE	2.1	2.4	1.4									1.1	4.1
E	4.1	4.1	3.2									1.1	5.1
ESE	1.3	2.1	1.7	.1								1.1	5.1
SE	1.3	1.3	1.2	.1								1.1	5.1
SSE	1.2	1.4	1.2	.3								1.1	5.1
S	1.2	2.3	2.3	.3								1.1	5.1
SSW		1.7	.2	.4								1.1	5.1
SW		1.4	1.1									1.1	5.1
WSW	1.4	1.4	.6									1.1	5.1
W	2.3	2.7	2.3	.1								1.1	5.1
WNW	1.1	2.2	2.4	.2								1.1	5.1
NW	1.1	1.4	1.3	.4								1.1	5.1
NNW	1.1	1.7	2.7	.4								1.1	5.1
VARBL												1.1	5.1
CALM												1.1	5.1
	24.4	27.6	24.9	2.9								1.1	5.1

TOTAL NUMBER OF OBSERVATIONS 62

U.S. AIR FORCE
 AFM 1-1
 1-1

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

SURFACE WINDS

STATION NAME MAXWELL AFB AL YEARS 75-84 MONTH 1-12
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-1700
 CONDITION _____

SPEED (KNTS) DIR.	1 - 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	4.8	2.6	.2								1.8	3.7
NNE	3.1	2.9	.3									2.1	3.6
NE	1.7	1.4	.3									1.8	3.7
ENE	2.2	2.0	.9									2.4	4.1
E	3.2	5.3	1.2	.2								11.4	4.5
ESE	.1	2.6	1.2	.1								4.5	5.6
SE	.1	.6	.9	.1								2.6	5.8
SSE	1.2	2.3	.9	.2								4.4	5.3
S	1.3	2.4	.5		.1							4.5	5.1
SSW	1.1	1.2	.3									2.6	4.6
SW	1.2	.5	.6									2.3	5.1
WSW	1.5	1.2	.3									2.8	4.6
W	2.7	2.5	1.1	.3								5.8	4.5
WNW	1.2	1.2	.5	.1								4.1	4.6
NW	1.7	2.2	1.6	.2								5.4	5.5
NNW	.2	2.9	2.7	.1								5.7	5.8
VARBL													
CALM												1.1	
	25.9	10.2	17.0	1.4	.1							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 1000

SURFACE WINDS

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

STATION STATION NAME 7-24 YEARS 1964 MONTH 1

ALL CLASS ALL HOURS (L.S.T.) 0000

CONDITION ALL

SPEED (KNTS) DIR.	1 - 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	2.1	1.0									1.1	4.2
NNE	2.1	2.1										1.1	2.4
NE	2.1	2.1										1.1	2.4
ENE	2.1	2.1	1.0									1.1	2.4
E	2.1	2.1	1.0	1.0								1.1	2.4
ESE	2.1	2.1	1.0	1.0	1.0							1.1	2.4
SE	2.1	2.1	1.0	1.0	1.0							1.1	2.4
SSE	2.1	2.1	1.0	1.0	1.0							1.1	2.4
S	2.1	2.1	1.0	1.0	1.0							1.1	2.4
SSW	2.1	2.1	1.0	1.0	1.0							1.1	2.4
SW	2.1	2.1	1.0	1.0	1.0							1.1	2.4
WSW	2.1	2.1	1.0	1.0	1.0							1.1	2.4
W	2.1	2.1	1.0	1.0	1.0							1.1	2.4
WNW	2.1	2.1	1.0	1.0	1.0							1.1	2.4
NW	2.1	2.1	1.0	1.0	1.0							1.1	2.4
NNW	2.1	2.1	1.0	1.0	1.0							1.1	2.4
VARBL	2.1	2.1	1.0	1.0	1.0							1.1	2.4
CALM												43.0	
	2.1	2.1	1.0	1.0	1.0							1.1	2.4

TOTAL NUMBER OF OBSERVATIONS 427

U.S. AIR FORCE
 1. TAC
 2. WEATHER SERVICE / MAC

SURFACE WINDS

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

STATION LAKEHURST AFB AL STATION NAME 75-74 YEARS 1 MONTH 1

CLASS ALL WEATHER HOURS (L.S.T.) 1400-2400

CONDITION

SPEED (KNTS) DIR.	1 - 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	3.2	.6									2.5	2.2
NNE	2.2	1.5										2.4	2.2
NE	2.2	1.5										2.4	2.2
ENE	1.1	2.2										4.3	3.4
E	1.1	3.3	1.9									7.3	5.5
ESE	1.1	1.4	1.3									3.8	5.3
SE	.4	.3	.5									1.2	2.1
SSE	.2	.5	.3									1.0	4.4
S	1.1	1.1	.2									2.4	3.3
SSW	.2	.5										1.1	3.7
SW	.2											.2	2.0
WSW	.2											.2	1.5
W	1.1	.4	.5	.2								2.2	4.2
WNW	.2	.2	.5									1.1	4.2
NW	1.1	1.2										2.3	3.2
NNW	1.1	2.4	.2									3.7	4.5
VARBL													
CALM												4.4	
	24.4	21.2	5.3	.2								10.1	2.1

TOTAL NUMBER OF OBSERVATIONS 101

SURFACE WINDS

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

STATION 1000000 STATION NAME 1000000 YEARS 1000000 MONTH 1000000

CLASS 1000000

CONDITION 1000000

HOURLS (L.S.T.) 1000000

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.0	1.0	0.2								1.0	1.0
NNE	4.0	5.0	0.5									5.0	1.0
NE	4.0	2.0	0.1									2.0	1.0
ENE	4.0	2.0	0.1	0.1								2.0	1.0
E	2.0	4.0	1.0									2.0	1.0
ESE	0.1	1.0	1.0	0.1								1.0	1.0
SE	0.1	1.0	0.2									1.0	1.0
SSE	0.1	0.1	0.2									0.1	1.0
S	0.1	0.7	0.1	0.1								0.1	1.0
SSW	0.1											0.1	1.0
SW	0.1	0.2										0.1	1.0
WSW	1.0	0.2										1.0	1.0
W	1.0	1.0	1.0	0.1								1.0	1.0
WNW	1.0	1.0	1.0	0.2								1.0	1.0
NW	0.1	1.0	0.7	0.2								1.0	1.0
NNW	0.1	1.0	1.0	0.2								1.0	1.0
VARBL													
CALM													
	25.0	26.0	12.1	1.5								100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 1000000

U.S. AIR FORCE
 10-8-5 (OL-A)
 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

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

STATION 2-2 GRANITE COAL STATION NAME 7-5-54 YEARS 1954 MONTH 1

ALL CLIM 1

CONDITION

HOURES (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	1.0	3.4	2.1	.1								7.6	3.8
NNE	2.7	2.2	1.1									6.0	4.4
NE	2.7	2.2	1.1	.1								6.0	4.4
ENE	3.7	5.2	.7									7.6	4.1
E	5.2	5.4	2.5									11.1	4.8
ESE	.7	3.3	1.3	.1								5.3	3.0
SE	.7	2.8	1.6	.2								5.3	3.0
SSE	.7	2.8	1.1	.4								5.3	3.0
S	.7	1.1	1.7	1.2								5.3	7.7
SSW	1.2	.4	.2	.2								2.8	5.7
SW	1.2	.4	.6									2.8	4.4
WSW	1.2	1.2	.6									3.0	4.4
W	.4	1.3	1.2	.2								4.1	6.7
WNW	1.1	1.7	2.1	.6	.1							5.4	6.4
NW	.1	1.4	2.8	1.9								5.7	6.7
NNW	.1	1.3	1.2	.4								3.0	6.7
VARBL													
CALM												14.2	
	22.4	35.6	23.9	4.7	.1							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 1000

U.S. AIR FORCE
CLIMATE DIVISION
ATLANTA, GEORGIA

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

SURFACE WINDS

STATION WALLACE WOOD AL STATION NAME 75-144 YEARS 1950 MONTH 1-14

CLASS ALL WEATHER HOURS (L.S.T.) 1-14

CONDITION

SPEED (KNTS) DIR.	1 - 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	3.6	1.7									2.4	4.4
NNE	2.1	1.7	.2	.1								1.4	4.4
NE	1.1	1.1	.4	.1								1.4	4.7
ENE	1.1	2.7	.3									4.7	4.1
E	2.1	1.1	.2									1.4	4.2
ESE	1.1	3.1	1.4	.1								1.4	4.2
SE	1.2	1.7	1.0	.2								1.4	4.2
SSE	1.1	2.1	2.1	.4								1.4	4.4
S	1.1	2.1	2.4	2.1	.1							1.4	4.4
SSW	1.2	1.2	1.4	1.3								1.4	7.5
SW	1.2	1.7	.6	.1								1.4	5.1
WSW	1.1	.6	.7	.1		.1						1.4	5.5
W	1.4	2.1	2.2	.8								1.4	5.5
WNW	1.1	1.1	2.2	1.0								1.4	7.5
NW	.1	1.2	1.1	1.2								1.4	5.5
NNW	.1	2.2	2.7	1.2	.1							1.4	7.4
VARBL												1.4	7.4
CALM												1.4	
	21.4	35.4	25.4	5.6	.2	.1						1.4	5.7

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION WILLIS AFB STATION NAME WILLIS AFB YEARS 7-84 MONTH NOV

ALL ATHER CLASS ALL MONTHS (L.S.Y.) 1-12

CONDITION ALL

SPEED (KNTS) DIR.	1 - 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	4.0	1.0									2.7	4.0
NNE	1.0	1.0	1.0									1.0	3.0
NE	1.0	1.0	2.0									1.0	3.0
ENE	1.0	1.0	1.0	1.0								1.0	3.0
E	1.0	4.0	1.0	1.0								1.0	4.0
ESE	1.0	1.0	1.0	1.0								1.0	3.0
SE	1.0	1.0	1.0	1.0								1.0	3.0
SSE	1.0	2.0	1.0	1.0								1.0	3.0
S	1.0	1.0	1.0	1.0	1.0	1.0						1.0	3.0
SSW	1.0	1.0	1.0	1.0	1.0	1.0						1.0	3.0
SW	1.0	1.0	1.0	1.0	1.0	1.0						1.0	3.0
WSW	1.0	1.0	1.0	1.0	1.0	1.0						1.0	3.0
W	1.0	1.0	1.0	1.0	1.0	1.0						1.0	3.0
WNW	1.0	1.0	1.0	1.0	1.0	1.0						1.0	3.0
NW	1.0	1.0	1.0	1.0	1.0	1.0						1.0	3.0
NNW	1.0	1.0	1.0	1.0	1.0	1.0						1.0	3.0
VARBL	1.0	1.0	1.0	1.0	1.0	1.0						1.0	3.0
CALM												1.0	3.0
	2.0	2.0	1.0	1.0	1.0	1.0						1.0	3.0

TOTAL NUMBER OF OBSERVATIONS

6.27

SURFACE WINDS

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

STATION MAA-111-400-01 STATION NAME 75-54 YEARS 1957 MONTH 12

CLASS ALL - AT-400 HOURS (L.S.T.) 12-1

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.1	.2									5.5	4.5
NNE	2.2	1.2	.2									4.1	3.1
NE	1.2	1.0										2.2	2.0
ENE	1.2	1.3										2.5	2.0
E	2.2	3.1	.1	.2								5.5	4.5
ESE	1.2	1.4	1.1									3.7	3.0
SE	.1	1.4	.1	.2								2.8	2.0
SSE	.3	1.2	.2	.3								4.0	4.0
S	.2	1.4	.2	1.0								3.4	3.7
SSW	.2	.7	.1	.2								1.2	2.4
SW	.1	.1										.4	2.0
WSW	1.2	.2										1.4	2.5
W	1.2	1.4	.1	.1								2.7	4.5
WNW	1.4	2.1	1.2	.1								5.8	4.2
NW	2.2	2.1	1.4	.2								7.4	4.5
NNW	1.2	2.1	1.1	.1								4.5	4.5
VARBL													
CALM													
	26.1	23.5	1.9	2.7								1.0	2.7

TOTAL NUMBER OF OBSERVATIONS 100

SURFACE WINDS

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

STATION 111111 STATION NAME 111111 YEARS 1111 MONTH 11

CLASS ALL - SEALED

CONDITION 1111

HOURS (L.S.T.) 1111

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 1111

SURFACE WINDS

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

STATION 46 STATION NAME ALL WEATHER YEARS 73-74 MONTH
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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 1

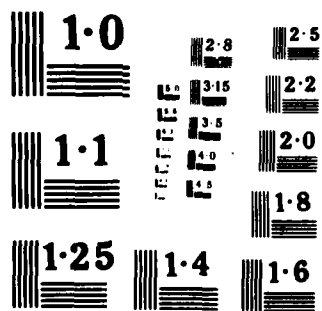
UNCLASSIFIED

MAXWELL AFB ALABAMA LIMITED SURFACE OBSERVATIONS
CLIMATE SUMMARY (LISCS..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. JUN 85
USAFETAC/DS-85/025 F/G 4/2

2/4

F/G 4/2

ML



U.S. AIR FORCE
 AFMPC
 AIRCRAFT SERVICE/MAC

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

SURFACE WINDS

STATION PERMELL AF - AL STATION NAME 75-24 YEARS 1950-1954 MONTH 12-1954
 CLASS ALL WEATHER
 HOURS (L.S.T.) 0000-2359
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.1	3.2	1.1								1.1	6.0
NNE	1.1	1.1	1.2									1.1	6.1
NE	2.1	1.4	1.5									1.1	6.1
ENE	1.1	2.7	1.3									1.1	6.1
E	1.1	4.7	1.2	1.4								1.1	6.1
ESE	1.1	2.1	1.3	1.2								1.1	6.1
SE	1.2	1.5	1.2	1.1	1.1							1.1	6.1
SSE	1.1	1.6	1.1	1.4								1.1	6.7
S	1.1	1.1	1.7	1.5								1.1	6.1
SSW	1.1	1.7	1.2	1.1								1.1	6.1
SW	1.1	1.7	1.1	1.5								1.1	6.1
WSW	1.4	1.7	1.5	1.5								1.1	6.1
W	1.5	1.2	1.1	1.8								1.1	6.1
WNW	1.1	1.9	1.5	1.2								1.1	6.1
NW	1.2	1.7	1.4	1.5								1.1	7.1
NNW	1.1	2.4	1.7	1.7	1.1							1.1	6.1
VARBL													
CALM												1.1	
	27.2	27.1	24.1	2.6	1.1							1.1	6.1

TOTAL NUMBER OF OBSERVATIONS 64

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

SURFACE WINDS

225	ALL AC	STATION NAME	75-4	YEARS	26	EDITH
			ALL	DATE		1234
			CLARK			HOURS (L.S.Y.)
				CONDITION		

[illegible]**TOTAL NUMBER OF OBSERVATIONS**

U.S. AIR FORCE CLIMATE DIVISION
 AFM 7-10.1
 ALL WEATHER SERVICE/AFAC

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

SURFACE WINDS

STATION 2-000 STATION NAME WALLACE AFB AL YEARS 70-84 MONTH ALL
 CLASS ALL WEATHER
 HOURS (L.S.T.) 0-11
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.4	2.7	.5								5.9	4.5
NNE	2.3	1.2										3.5	2.5
NE	1.1	.7	.2									2.0	3.6
ENE	1.1	1.2	.4									2.7	3.6
E	.1	3.4	2.7	.1								6.3	4.5
ESE	.7	.4	.4	.1								1.6	5.0
SE	.7	.9	1.1									3.7	5.6
SSE	1.1	1.6	1.2	.2								4.1	5.4
S	2.1	2.0	2.7	.9								7.7	5.4
SSW	1.7	2.1	1.0	.2								4.0	5.0
SW	1.1	1.1	1.1									4.4	4.0
WSW	1.2	1.1	.7	.4								3.4	5.3
W	1.7	3.7	1.5	.5								7.4	5.0
WNW	1.2	1.1	2.7	.5	.1							5.6	6.0
NW	1.2	1.2	1.1	1.1	.1							4.7	7.5
NNW	1.1	2.2	2.7	1.3	.2							5.5	7.2
VARBL													
CALM												1.4	
	27.1	24.2	21.7	5.9	.5							104.0	4.4

TOTAL NUMBER OF OBSERVATIONS 1040

SURFACE WINDS

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

STATION WELL STATION NAME WELL YEARS 75-84 MONTH NOV

ALL WEATHER CLASS ALL WEATHER ROUTE (L.S.T.) 0-2-1

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.0	0.0	0.1	0.2								0.4	5.0
NNE	1.0	0.2	0.1									1.3	5.0
NE	1.0	0.4										1.4	5.0
ENE	1.0	1.2	0.2									2.4	5.0
E	0.2	3.5	0.4									4.1	5.0
ESE	1.0	2.3	0.2	0.4								3.9	5.0
SE	0.4	1.0	0.2									1.6	4.0
SSE	1.0	1.2	0.2									2.4	4.0
S	2.0	2.0	2.1	0.1								6.2	4.0
SSW	0.4	0.4	0.3	0.3								1.4	3.0
SW	0.2	0.2	0.1									0.5	2.0
WSW	1.0	0.1		0.1								1.2	2.0
W	2.0	0.4	0.3									2.7	2.0
WNW	1.0	0.4	1.0	0.1								2.5	2.0
NW	2.0	2.1	2.7	0.1								7.9	2.0
NNW	1.0	2.0	1.0	0.5								4.5	2.0
VARBL													
CALM												2.3	
	24.7	24.7	14.6	1.0								44.6	4.0

TOTAL NUMBER OF OBSERVATIONS 172

1
 NATIONAL METEOROLOGICAL SERVICE / MAC

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

SURFACE WINDS

STATION MAXWELL AFB AL STATION NAME 75-64 YEARS DEC
 CLASS ALL WEATHER HOURS (L.S.T.) 0100-2300
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.7	2.5	.1								4.4	5.0
NNE	1.0	2.3	.1									3.4	3.0
NE	1.7	.9										2.6	2.3
ENE	1.4	1.2	.1									2.7	3.7
E	1.5	3.7	1.2									6.2	3.0
ESE	.1	1.6	1.1									3.4	3.3
SE	.5	.5	.5	.1								1.7	5.7
SSE	.4	.4	.5									2.2	4.0
S	2.2	2.2	2.4			.1						7.3	5.4
SSW	.8	1.6	1.4	.1								3.9	5.9
SW	.7	.1										.0	2.3
WSW	.4	.3										1.1	2.0
W	.2	.2	.4									.0	3.4
WNW	2.1	1.6	1.7	.1								.0	5.1
NW	1.5	2.0	1.3	.5								5.4	5.7
NNW	1.4	2.2	1.0	.1								5.7	5.4
VARBL													
CALM												3.4	
	21.1	25.2	15.1	1.2		.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 121

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CEILING VERSUS VISIBILITY

PART 3

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 the tables are presented by month and available 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.

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. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the 10 mi visibility category should be used with great caution.

For overseas civilian stations reporting "CAVOK", all ceilings greater than 5,000 feet are suppressed into the 5,000 foot ceiling class.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GF 2 1/2	GE 2	GF 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	12.8	36.9	38.8	39.8	40.4	40.8	41.7	41.9	41.9	42.4	42.4	42.7	43.2	43.2	43.3	43.7
GF 20000	13.6	39.0	41.2	42.4	43.1	43.5	44.3	44.6	44.6	45.1	45.1	45.3	45.8	45.8	46.0	46.3
GF 18000	13.6	39.0	41.2	42.4	43.1	43.5	44.3	44.6	44.6	45.1	45.1	45.3	45.8	45.8	46.0	46.3
GF 16000	13.6	39.0	41.2	42.4	43.1	43.5	44.3	44.6	44.6	45.1	45.1	45.3	45.8	45.8	46.0	46.3
GF 14000	13.7	39.4	41.7	42.9	43.6	44.0	44.8	45.1	45.1	45.6	45.6	45.8	46.3	46.3	46.5	46.9
GF 12000	13.7	40.7	42.9	44.2	44.8	45.2	46.1	46.3	46.3	46.9	46.9	47.1	47.6	47.6	47.7	48.1
GF 10000	14.0	43.5	46.2	47.7	48.4	48.7	49.6	49.9	49.9	50.4	50.4	50.6	51.1	51.1	51.3	51.6
GF 9000	14.2	44.2	47.0	48.5	49.1	49.5	50.4	50.6	50.6	51.1	51.1	51.4	51.9	51.9	52.0	52.4
GE 8000	14.6	46.7	49.6	51.1	51.8	52.1	53.1	53.4	53.4	53.9	53.9	54.2	54.7	54.7	54.8	55.2
GE 7000	15.0	47.2	50.3	51.9	52.5	52.9	53.9	54.2	54.2	54.7	54.7	54.9	55.4	55.4	55.5	55.9
GF 6000	15.0	47.6	50.9	52.5	53.1	53.5	54.5	54.8	54.8	55.3	55.3	55.5	56.0	56.0	56.2	56.5
GE 5000	15.4	49.7	53.3	54.9	55.5	55.9	56.9	57.2	57.2	57.7	57.7	57.9	58.4	58.4	58.6	58.9
GE 4500	15.5	50.4	53.9	55.5	56.2	56.5	57.6	57.8	57.8	58.3	58.3	58.6	59.1	59.1	59.2	59.6
GE 4000	15.7	51.1	54.9	56.7	57.3	57.7	58.7	58.9	58.9	59.4	59.4	59.7	60.2	60.2	60.3	60.7
GE 3500	15.9	52.3	56.3	58.1	58.7	59.1	60.3	60.6	60.6	61.2	61.2	61.5	62.0	62.0	62.1	62.6
GE 3000	16.4	53.5	57.7	59.6	60.2	60.6	61.8	62.1	62.1	62.7	62.7	63.0	63.5	63.5	63.6	64.1
GE 2500	17.0	55.7	60.2	62.5	63.2	63.7	65.4	65.6	65.6	66.5	66.5	66.8	67.3	67.3	67.4	67.9
GE 2000	17.1	58.7	63.4	65.6	66.6	67.1	68.9	69.1	69.1	70.0	70.0	70.3	70.8	70.8	71.0	71.7
GE 1800	17.4	59.9	64.6	66.9	67.9	68.4	70.2	70.4	70.4	71.3	71.3	71.5	72.0	72.0	72.3	72.9
GE 1500	17.9	62.6	67.6	70.3	71.4	71.9	73.7	74.1	74.1	74.9	75.1	75.3	75.8	75.8	76.1	76.7
GE 1200	18.1	64.2	69.6	72.8	74.3	74.9	76.8	77.2	77.5	78.3	78.5	78.7	79.2	79.2	79.5	80.2
GE 1000	18.1	65.1	71.2	74.6	76.1	76.7	78.8	79.5	79.7	80.7	80.9	81.1	81.6	81.6	81.9	82.6
GE 900	18.5	66.8	73.0	76.4	78.0	78.6	81.1	81.7	82.0	83.0	83.1	83.4	83.9	83.9	84.1	84.9
GF 800	18.5	67.4	74.2	77.8	79.3	80.4	83.1	83.9	84.1	85.4	85.5	85.8	86.3	86.3	86.5	87.3
GF 700	18.5	67.9	74.8	78.5	80.0	81.0	83.8	84.8	85.0	86.5	86.6	86.9	87.4	87.4	87.7	88.4
GF 600	18.5	67.9	75.1	79.1	80.9	82.0	85.1	86.4	86.9	88.4	88.5	88.8	89.4	89.5	89.8	90.6
GE 500	18.5	68.0	75.7	79.7	81.9	83.0	86.3	87.7	88.2	89.9	90.4	90.7	91.4	91.6	91.8	92.6
GE 400	18.5	68.5	76.3	80.4	82.6	83.8	87.8	89.4	90.2	91.9	92.4	93.1	94.2	94.3	94.6	95.3
GF 300	18.5	68.8	76.6	80.7	83.0	84.1	88.3	89.9	90.7	92.7	94.2	94.5	96.0	96.1	96.7	97.5
GF 200	18.5	68.8	76.6	80.7	83.0	84.1	88.4	90.1	90.9	93.1	94.6	94.8	97.0	97.2	98.0	98.7
GE 100	18.5	68.8	76.6	80.7	83.0	84.1	88.4	90.1	90.8	93.1	94.6	94.8	97.1	97.5	98.5	99.7
GF 0	18.5	68.8	76.6	80.7	83.0	84.1	88.4	90.1	90.8	93.1	94.6	94.8	97.1	97.5	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 794

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(IST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	17.3	40.8	41.7	41.9	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 20000	19.1	45.9	47.1	47.3	47.5	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GF 18000	19.1	46.2	47.3	47.5	47.7	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GF 16000	19.1	46.2	47.3	47.5	47.7	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GF 14000	19.3	46.4	47.5	47.7	48.0	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 12000	19.6	47.7	49.1	49.3	49.5	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 10000	20.2	50.6	52.5	52.7	53.0	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GF 9000	20.2	50.8	52.7	52.9	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GF 8000	20.3	53.3	55.2	55.4	55.7	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GF 7000	20.5	54.6	56.5	56.8	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 6000	20.8	56.0	57.9	58.1	58.4	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GF 5000	21.2	58.3	60.5	60.7	61.0	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GF 4500	21.2	58.8	61.0	61.4	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 4000	21.3	59.2	61.5	61.8	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GF 3500	21.5	60.1	62.7	63.2	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GF 3000	22.1	62.0	64.6	65.2	65.5	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GF 2500	22.5	64.5	67.5	68.1	68.7	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 2000	23.0	67.8	70.8	71.5	72.2	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GF 1800	23.2	69.1	72.3	73.1	73.8	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 1500	23.5	71.5	75.2	76.5	77.3	77.6	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GF 1200	24.0	73.3	77.7	79.1	80.1	80.5	81.3	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 1000	24.1	74.4	79.4	81.1	82.3	82.9	83.8	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GF 900	24.4	75.9	81.6	83.4	84.8	85.6	86.7	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 800	24.4	77.0	83.0	85.4	87.0	88.0	89.2	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GF 700	24.4	77.3	83.4	85.9	87.8	88.7	90.0	90.9	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 600	24.4	77.7	84.0	86.6	88.9	89.9	91.2	92.1	92.7	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GF 500	24.4	78.2	84.5	87.4	89.9	91.3	92.9	94.1	94.5	95.2	95.5	95.5	95.5	95.5	95.5	95.5
GE 400	24.4	78.3	84.7	88.0	90.5	92.0	93.7	94.9	95.6	96.5	97.3	97.3	97.5	97.5	97.5	97.5
GF 300	24.4	78.3	84.8	88.1	90.7	92.1	93.9	95.3	96.2	97.2	98.2	98.6	98.6	98.6	98.6	98.6
GE 200	24.4	78.3	84.8	88.1	90.7	92.1	93.9	95.4	96.3	97.4	98.6	98.6	99.4	99.5	99.5	99.7
GF 100	24.4	78.3	84.8	88.1	90.7	92.1	93.9	95.4	96.3	97.4	98.6	98.6	99.5	99.7	99.7	100.0
GF 0	24.4	78.3	84.8	88.1	90.7	92.1	93.9	95.4	96.3	97.4	98.6	98.6	99.5	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 969

412

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(IST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1	23.3	47.4	48.0	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 20000	25.2	52.1	52.2	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
GE 18000	25.2	52.4	52.5	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 16000	25.2	52.4	52.5	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 14000	25.6	53.3	53.4	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 12000	25.7	54.3	54.4	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 10000	26.9	57.8	57.9	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
GE 9000	27.1	58.3	58.4	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 8000	27.4	62.6	62.8	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 7000	27.5	63.9	64.2	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 6000	27.8	64.5	64.7	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 5000	29.1	65.7	66.1	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 4500	28.4	66.5	66.9	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 4000	28.5	67.6	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 3500	28.9	69.6	70.2	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 3000	29.3	71.9	72.6	73.0	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 2500	29.4	74.3	75.1	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 2000	29.7	78.7	79.6	80.2	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
GE 1800	29.8	79.8	80.7	81.5	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 1500	30.0	81.2	82.4	83.4	83.8	84.0	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1200	30.3	82.7	84.0	85.3	86.1	86.4	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1000	30.3	83.6	85.4	86.9	88.0	88.3	89.3	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 900	30.4	85.2	87.2	88.9	90.1	90.4	91.6	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 800	30.6	85.4	87.8	89.6	90.9	91.2	92.5	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 700	30.6	85.7	88.5	90.6	92.2	92.6	93.8	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 600	30.6	86.2	89.0	91.1	93.1	93.5	94.7	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 500	30.6	86.5	89.9	92.2	94.3	94.7	96.0	97.1	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 400	30.6	86.6	90.1	92.5	94.6	95.3	96.7	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 300	30.6	86.6	90.1	92.5	94.6	95.3	96.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 200	30.6	86.6	90.1	92.5	94.6	95.3	96.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 100	30.6	86.6	90.1	92.5	94.6	95.3	96.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 0	30.6	86.6	90.1	92.5	94.6	95.3	96.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS: 890

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(LST): 1500-1700

CEILING IN FEET	GE 10	GE 6	GE 5	GF 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GF 0
NO CEIL	23.6	48.7	48.9	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 20000	26.2	54.9	55.2	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
GE 18000	26.2	54.9	55.2	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
GE 16000	26.5	55.4	55.7	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 14000	26.9	56.0	56.4	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 12000	27.7	57.5	57.8	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GF 10000	28.7	59.6	60.0	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GF 9000	28.7	60.0	60.3	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GF 8000	29.8	64.3	64.6	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GF 7000	30.0	64.5	66.0	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
GF 6000	30.3	66.5	67.0	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
GE 5000	30.6	68.1	68.5	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GF 4500	30.7	68.5	69.0	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GF 4000	31.0	70.5	70.9	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
GE 3500	31.2	71.8	72.3	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 3000	31.6	74.0	74.6	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 2500	31.6	76.7	77.3	78.0	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GF 2000	31.9	79.8	81.1	82.0	82.5	82.5	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GF 1800	31.9	80.4	81.6	82.6	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 1500	31.9	81.6	83.2	84.6	85.1	85.1	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1200	32.0	83.3	85.1	86.7	87.3	87.3	88.3	88.6	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GF 1000	32.0	84.4	86.9	88.7	89.4	89.4	90.5	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GF 900	32.1	85.1	88.4	90.5	91.3	91.3	92.4	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GF 800	32.1	85.3	88.7	91.1	92.4	92.4	93.6	93.9	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4
GF 700	32.2	85.8	89.4	92.0	93.6	93.6	94.8	95.2	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7
GE 600	32.2	86.1	89.7	92.9	94.7	94.8	96.2	96.5	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3
GE 500	32.2	86.1	89.7	92.9	95.2	95.5	96.8	97.5	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5
GE 400	32.2	86.1	89.7	92.9	95.2	95.5	96.8	97.6	98.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	32.2	86.1	89.7	92.9	95.2	95.5	96.8	97.6	98.5	99.0	99.4	99.4	99.5	99.5	99.5	99.5
GE 200	32.2	86.1	89.7	92.9	95.2	95.5	96.8	97.6	98.5	99.0	99.5	99.5	99.7	99.7	99.8	99.9
GF 100	32.2	86.1	89.7	92.9	95.2	95.5	96.8	97.6	98.5	99.1	99.7	99.7	99.8	99.8	99.9	100.0
GF 0	32.2	86.1	89.7	92.9	95.2	95.5	96.8	97.6	98.5	99.1	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 887

GLOBAL CLIMATOLOGY BRANCH
USAF/FL7AC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	21.9	51.5	52.0	52.4	52.9	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 20000	22.8	54.3	54.7	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 18000	22.8	54.3	54.7	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 16000	23.2	54.6	55.1	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 14000	23.7	55.2	55.6	56.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 12000	24.2	56.6	57.1	57.5	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
GE 10000	25.0	58.7	59.1	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 9000	25.1	59.0	59.5	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 8000	25.7	62.1	62.8	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 7000	26.4	63.2	63.9	64.4	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
GE 6000	26.8	63.7	64.6	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 5000	27.4	65.5	66.6	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 4500	27.4	66.2	67.4	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
GE 4000	27.4	67.3	68.8	69.4	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
GE 3500	27.6	68.6	70.0	70.7	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
GE 3000	27.8	71.7	73.2	74.0	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
GE 2500	28.0	74.9	76.8	77.8	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
GE 2100	28.6	78.2	80.5	81.7	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 1800	28.6	79.1	81.5	82.7	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 1500	28.7	81.2	84.0	85.5	86.3	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1200	28.7	82.0	85.5	87.1	87.9	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1000	28.7	82.9	87.2	88.9	89.7	89.8	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7
GE 900	28.7	83.8	88.3	90.1	90.9	91.0	91.8	92.1	92.1	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3
GE 800	28.7	83.9	88.4	90.5	91.5	91.6	92.4	92.8	92.8	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2
GE 700	28.7	84.2	88.4	90.9	92.4	92.5	93.3	93.8	93.8	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
GE 600	28.7	84.6	89.2	91.6	93.5	93.8	94.9	95.6	95.7	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
GE 500	28.7	84.8	89.7	92.2	94.4	94.9	96.3	96.9	97.4	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
GE 400	28.7	84.9	89.8	92.4	94.4	95.2	96.7	97.4	97.8	98.3	98.3	98.4	98.4	98.5	98.5	98.5	98.5
GE 300	28.7	84.9	89.8	92.5	95.1	95.5	97.2	97.8	98.3	98.8	98.8	98.9	99.2	99.4	99.4	99.4	99.4
GE 200	28.7	84.9	89.8	92.5	95.1	95.5	97.2	97.8	98.3	99.1	99.1	99.3	99.7	99.9	100.0	100.0	100.0
GE 100	28.7	84.9	89.8	92.5	95.0	95.5	97.2	97.8	98.3	99.1	99.1	99.3	99.7	99.9	100.0	100.0	100.0
GE 0	28.7	84.9	89.8	92.5	95.0	95.5	97.2	97.8	98.3	99.1	99.1	99.3	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 981

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	20.8	51.7	52.1	52.4	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	53.0	53.0	53.1	53.1	
GE 20000	23.0	54.8	55.1	55.5	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.2	56.2	
GE 18000	23.0	54.8	55.1	55.5	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.2	56.2	
GE 16000	23.2	55.0	55.4	55.7	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.4	56.4	
GE 14000	23.9	55.7	56.0	56.4	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	57.1	57.1	
GE 12000	24.3	56.9	57.3	57.6	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.3	58.3	
GE 10000	24.4	58.3	58.7	59.0	59.3	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.7	59.7	
GE 9000	24.4	58.3	58.7	59.0	59.3	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.7	59.7	
GE 8000	24.9	60.4	60.9	61.3	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	62.0	62.0	
GE 7000	24.1	61.6	62.2	62.5	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.3	63.3	
GE 6000	26.2	62.1	62.6	63.0	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.8	63.8	
GE 5000	26.7	63.2	63.8	64.1	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	65.0	65.0	
GE 4500	27.1	64.4	65.0	65.4	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.3	66.3	
GE 4000	27.1	65.4	66.6	67.0	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.9	67.9	
GE 3500	27.1	66.5	67.8	68.1	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	69.0	69.0	
GE 3000	27.2	68.8	70.3	71.0	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.9	71.9	72.0	72.0	
GE 2500	27.8	73.3	75.2	75.9	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.1	77.1	
GE 2000	28.1	77.0	79.0	79.7	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.2	81.2	
GE 1800	28.1	77.7	79.7	80.5	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	82.0	82.0	
GE 1600	28.2	80.3	82.6	83.9	85.1	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.4	85.4	85.5	85.5	
GE 1400	28.4	81.5	84.2	85.9	87.1	87.1	87.2	87.2	87.2	87.2	87.4	87.4	87.5	87.5	87.6	87.6	
GE 1000	28.6	83.1	86.0	88.0	89.3	89.3	89.4	89.4	89.4	89.5	89.6	89.6	89.7	89.7	89.9	89.9	
GE 900	28.6	84.6	87.5	89.7	91.7	91.0	91.3	91.5	91.5	91.6	91.7	91.7	91.8	91.8	91.9	91.9	
GE 800	28.6	85.3	88.2	90.5	91.8	91.6	92.3	92.6	92.6	92.7	92.8	92.8	92.9	92.9	93.1	93.1	
GE 700	28.6	85.6	88.6	91.3	92.7	92.7	93.4	93.8	93.8	94.0	94.1	94.1	94.2	94.2	94.3	94.3	
GE 600	28.6	86.1	89.4	92.1	94.1	94.1	94.8	95.4	95.6	95.8	95.9	95.9	96.0	96.0	96.1	96.1	
GE 500	28.6	86.3	89.9	92.7	94.6	94.6	95.4	96.4	96.5	96.8	97.2	97.2	97.3	97.3	97.4	97.4	
GE 400	28.6	86.3	90.0	92.8	95.0	95.2	95.9	96.9	97.0	97.5	97.8	97.8	97.9	97.9	98.1	98.1	
GE 300	28.6	86.3	90.0	92.9	95.3	95.6	96.6	97.6	97.8	98.3	98.6	98.6	98.7	98.7	98.8	98.8	
GE 200	28.6	86.3	90.1	92.9	95.3	95.6	96.6	97.6	97.8	98.3	98.7	98.7	98.7	98.7	98.8	98.8	
GE 100	28.6	86.3	90.0	92.9	95.3	95.6	96.6	97.6	97.8	98.3	98.7	98.7	98.7	98.7	98.8	98.8	
GE 0	28.6	86.3	90.0	92.9	95.3	95.6	96.6	97.6	97.8	98.3	98.7	98.7	98.7	98.7	98.8	98.8	

TOTAL NUMBER OF OBSERVATIONS: 978

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: APR HOURS(LST): 0900-1100

CEILING FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GF 6	GE 5	GF 4	GF 3	GF 2 1/2	GE 2	GF 1 1/2	GF 1 1/4	GF 1	GF 3/4	GF 5/8	GF 1/2	GF 5/16	GF 1/4	GE U
NO CEILING	24.4	52.8	53.7	54.2	54.6	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 2000	26.4	59.8	60.8	61.3	61.7	61.7	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 1800	26.5	60.8	61.5	62.0	62.4	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 1600	26.5	60.8	61.8	62.3	62.7	62.7	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 1400	26.6	61.5	62.5	63.0	63.4	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 1200	26.7	62.7	63.7	64.2	64.6	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 1000	27.7	64.7	65.9	66.3	66.7	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 800	27.7	64.7	65.9	66.3	66.7	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 600	27.5	67.0	68.4	68.9	69.3	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 400	27.5	66.1	67.5	70.0	70.4	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 200	27.6	69.1	70.5	71.0	71.4	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 100	27.7	70.3	71.7	72.2	72.6	72.6	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 50	27.7	71.0	72.0	73.1	73.5	73.5	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 0	27.7	71.0	74.7	75.2	75.6	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 3500	28.0	74.3	76.1	76.5	77.0	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 3000	28.9	78.1	80.0	80.4	80.9	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 2500	28.1	80.8	82.6	83.1	83.6	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 2000	27.6	84.0	86.0	86.5	87.2	87.2	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1800	27.6	84.9	86.9	87.4	88.1	88.1	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1600	27.8	87.5	89.7	90.2	90.9	90.9	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1400	27.9	89.3	91.4	92.5	93.4	93.5	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1200	31.0	90.7	92.9	94.0	95.1	95.3	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 1000	31.0	91.1	93.4	94.5	96.0	96.2	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	31.0	91.7	94.1	95.4	97.1	97.3	98.0	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	31.0	91.9	94.7	95.8	97.4	97.7	98.3	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	31.0	91.9	94.4	95.9	97.6	97.8	98.4	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	31.0	92.5	94.5	96.0	97.8	98.0	98.8	99.2	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8
GE 100	31.0	92.0	94.5	96.0	97.8	98.0	98.8	99.2	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9
GE 50	31.0	92.0	94.5	96.0	97.8	98.0	98.8	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	31.0	92.0	94.5	96.0	97.8	98.0	98.8	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 3500	31.0	92.0	94.5	96.0	97.8	98.0	98.8	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 3000	31.0	92.0	94.5	96.0	97.8	98.0	98.8	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 2500	31.0	92.0	94.5	96.0	97.8	98.0	98.8	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 2000	31.0	92.0	94.5	96.0	97.8	98.0	98.8	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 1800	31.0	92.0	94.5	96.0	97.8	98.0	98.8	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 1600	31.0	92.0	94.5	96.0	97.8	98.0	98.8	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 1400	31.0	92.0	94.5	96.0	97.8	98.0	98.8	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 1200	31.0	92.0	94.5	96.0	97.8	98.0	98.8	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 1000	31.0	92.0	94.5	96.0	97.8	98.0	98.8	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 800	31.0	92.0	94.5	96.0	97.8	98.0	98.8	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 600	31.0	92.0	94.5	96.0	97.8	98.0	98.8	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	31.0	92.0	94.5	96.0	97.8	98.0	98.8	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	31.0	92.0	94.5	96.0	97.8	98.0	98.8	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	31.0	92.0	94.5	96.0	97.8	98.0	98.8	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	31.0	92.0	94.5	96.0	97.8	98.0	98.8	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: APR HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	17.8	45.1	47.2	44.6	44.8	49.1	49.9	49.8	49.8	49.8	49.8	49.9	50.0	50.0	50.1	50.4
GE 2000	14.9	50.1	53.4	54.9	55.6	55.9	56.8	56.9	56.9	56.9	56.9	57.0	57.1	57.1	57.3	57.5
GE 1600	14.9	50.2	53.5	55.0	55.7	56.0	56.9	57.0	57.0	57.0	57.0	57.1	57.1	57.3	57.4	57.6
GE 1400	14.9	50.4	53.6	55.2	55.9	56.1	57.0	57.1	57.1	57.1	57.1	57.3	57.4	57.4	57.5	57.7
GE 1200	14.0	51.2	54.4	56.0	56.8	57.0	58.0	58.1	58.1	58.1	59.1	58.2	58.3	58.3	58.4	58.7
GE 1000	19.2	52.6	56.0	57.5	58.3	58.5	59.5	59.6	59.6	59.6	59.6	59.7	59.8	59.8	60.0	60.2
GE 800	19.8	54.2	58.2	59.7	60.5	60.8	61.7	61.8	61.8	61.8	61.8	61.9	62.1	62.1	62.2	62.4
GE 600	19.8	54.7	58.7	60.2	61.0	61.2	62.2	62.3	62.3	62.3	62.3	62.4	62.5	62.5	62.6	62.9
GE 400	20.1	56.9	61.4	63.1	63.9	64.2	65.1	65.2	65.2	65.2	65.2	65.3	65.5	65.5	65.6	65.8
GE 200	20.1	57.8	62.4	64.2	65.0	65.2	66.2	66.3	66.3	66.3	66.3	66.4	66.5	66.5	66.6	66.9
GE 000	20.1	58.8	63.6	65.6	66.4	66.6	67.6	67.7	67.7	67.7	67.7	67.8	67.9	67.9	68.0	68.3
GE 5000	20.4	60.4	65.5	67.6	68.4	68.6	69.6	69.7	69.7	69.7	69.7	69.7	69.8	69.9	70.0	70.3
GE 4500	20.5	61.1	66.3	68.4	69.2	69.4	70.6	70.7	70.7	70.7	70.7	70.8	71.0	71.0	71.1	71.3
GE 4000	20.5	63.1	68.3	70.4	71.2	71.4	72.6	72.7	72.7	72.7	72.7	72.8	73.0	73.0	73.1	73.3
GE 3500	20.7	63.8	69.0	71.1	71.9	72.1	73.3	73.4	73.4	73.4	73.4	73.5	73.7	73.7	73.8	74.0
GE 3000	20.7	65.3	70.8	73.2	74.0	74.2	75.4	75.5	75.6	75.6	75.6	75.8	75.9	75.9	76.0	76.2
GE 2500	21.4	68.6	74.2	76.6	77.4	77.6	78.8	78.9	79.0	79.0	79.0	79.2	79.3	79.3	79.4	79.6
GE 2000	21.5	69.9	75.8	78.2	79.0	79.3	80.4	80.6	80.7	80.8	80.8	80.9	81.0	81.0	81.1	81.4
GE 1800	21.7	70.3	76.3	78.8	79.7	80.0	81.1	81.3	81.4	81.5	81.5	81.6	81.7	81.7	81.9	82.1
GE 1500	21.8	72.4	78.6	81.0	82.0	82.2	83.4	83.5	83.6	83.7	83.7	83.8	84.0	84.0	84.1	84.3
GE 1200	21.8	74.0	80.7	83.6	84.7	84.9	86.2	86.5	86.7	86.8	86.8	86.9	87.0	87.1	87.2	87.5
GE 1000	21.8	75.4	82.3	85.8	87.1	87.5	89.0	89.3	89.5	89.6	89.6	89.7	89.8	89.9	90.0	90.3
GE 800	21.8	76.1	83.1	86.8	88.1	88.4	89.9	90.3	90.4	90.5	90.5	90.6	90.7	90.9	91.0	91.2
GE 600	21.8	76.8	84.0	87.8	89.6	90.0	91.8	92.2	92.3	92.4	92.4	92.5	92.6	92.7	92.9	93.1
GE 400	21.8	77.3	84.4	88.4	90.4	91.2	93.0	93.3	93.4	93.6	93.6	93.7	93.8	93.9	94.0	94.3
GE 200	21.8	77.3	84.5	88.5	90.7	91.6	93.8	94.3	94.4	94.5	94.5	94.6	94.7	94.8	95.0	95.2
GE 000	21.8	77.5	84.8	88.9	91.6	92.4	94.7	95.3	95.4	95.7	95.7	95.8	96.0	96.1	96.3	96.6
GE 5000	21.8	77.5	84.8	88.9	91.6	92.4	95.0	95.9	96.3	96.5	96.6	96.7	97.1	97.2	97.3	97.8
GE 4000	21.8	77.5	84.8	89.0	91.7	92.5	95.2	96.3	96.7	97.3	97.7	97.9	98.4	98.5	98.6	99.2
GE 3000	21.8	77.5	84.8	89.0	91.7	92.5	95.3	96.4	96.8	97.4	97.8	98.1	98.6	98.7	98.8	99.6
GE 2000	21.8	77.5	84.8	89.0	91.7	92.5	95.3	96.4	96.8	97.4	97.8	98.1	98.6	98.7	98.9	99.9
GE 000	21.8	77.5	84.8	89.0	91.7	92.5	95.3	96.4	96.8	97.4	97.8	98.1	98.6	98.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 954

USUAL METEOROLOGICAL ABBREVIATIONS
 STATION
 AND WEATHER SERVICE/NAO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 72225 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
 MONTH: MAR HOURS(LST): 2100-2300

CEILING IN FEET	1	1 1/2	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NO CELL	22.6	56.7	56.9	56.9	57.0	57.0	57.0	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 10000	24.7	63.0	63.0	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 18000	24.7	63.0	63.3	63.4	63.5	63.5	63.5	63.6	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 16000	24.7	63.0	63.3	63.4	63.5	63.5	63.5	63.6	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 14000	24.7	63.2	63.4	63.5	63.6	63.6	63.6	63.7	63.7	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 12000	24.8	64.5	64.6	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 10000	26.2	67.0	67.2	67.3	67.4	67.4	67.4	67.6	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 9000	26.2	67.1	67.3	67.4	67.6	67.6	67.6	67.7	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 8000	27.3	69.6	69.9	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 7000	27.5	70.0	70.2	70.3	70.5	70.5	70.5	70.6	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.1	71.1	71.1
GE 6000	28.0	70.6	70.8	70.9	71.0	71.0	71.0	71.1	71.1	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.7	71.7	71.7
GE 5000	29.2	73.7	74.0	74.2	74.4	74.4	74.4	74.5	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	75.1	75.1	75.1
GE 4500	30.1	75.4	75.8	75.9	76.1	76.1	76.1	76.2	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.8	76.8	76.8
GE 4000	30.5	77.1	77.4	77.5	77.8	77.8	77.8	77.9	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.4	78.4	78.4
GE 3500	31.3	78.9	79.3	79.4	79.6	79.6	79.6	79.7	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.3	80.3	80.3
GE 3000	31.6	82.3	83.1	83.4	83.8	83.8	83.8	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.5	84.5	84.5
GE 2500	31.6	83.5	84.5	84.8	85.2	85.2	85.2	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.9	85.9	85.9
GE 2000	31.7	85.5	86.4	86.8	87.3	87.3	87.3	87.4	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.9	87.9	87.9
GE 1800	32.1	86.3	87.4	87.7	88.2	88.2	88.2	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.9	88.9	88.9
GE 1500	32.1	87.1	88.4	88.9	89.5	89.5	89.5	89.6	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.4	90.4	90.4
GE 1200	32.1	87.9	89.1	89.4	91.1	91.1	91.1	91.7	91.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.5	92.5	92.5
GE 1000	32.3	88.6	90.2	90.4	92.5	92.5	93.0	93.3	93.3	93.3	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.1	94.1	94.1
GE 900	32.3	89.6	91.2	92.0	93.6	93.6	94.6	94.9	95.0	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.8	95.8	95.8
GE 800	32.3	90.0	91.7	92.6	94.6	94.6	95.6	96.2	96.3	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.1	97.1	97.1
GE 700	32.3	90.3	92.2	93.2	95.4	95.5	96.6	97.2	97.7	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.5	98.5	98.5
GE 600	32.3	90.3	92.4	93.3	95.6	95.8	97.0	97.7	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.0
GE 500	32.3	90.6	92.8	93.7	96.2	96.4	97.6	98.4	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7
GE 400	32.3	90.6	92.8	93.7	96.2	96.4	97.7	98.5	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.8	99.8	99.8
GE 300	32.3	90.6	92.8	93.7	96.2	96.4	97.7	98.5	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.8	99.8	99.8
GE 200	32.3	90.6	92.8	93.7	96.2	96.4	97.7	98.5	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.9	99.9	99.9
GE 100	32.3	90.6	92.8	93.7	96.2	96.4	97.7	98.5	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.9	99.9	99.9
GE 0	32.3	90.6	92.8	93.7	96.2	96.4	97.7	98.5	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 462

GLOBAL CLIMATOLOGY BRANCH
USAF/CLTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	21.8	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1
GE 20000	24.8	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5
GE 18000	24.8	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5
GE 16000	24.8	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5
GE 14000	25.5	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8
GE 12000	25.7	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1
GE 10000	27.0	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7
GE 9000	27.0	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7
GE 8000	27.7	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4
GE 7000	28.0	70.9	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3
GE 6000	28.7	71.6	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0
GE 5000	29.3	74.2	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6
GE 4500	29.9	76.6	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1
GE 4000	30.4	79.4	79.6	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4
GE 3500	30.7	81.0	81.3	81.8	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0
GE 3000	30.8	83.4	83.9	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7
GE 2500	30.8	85.2	85.7	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6
GE 2000	30.8	87.2	88.1	88.9	89.5	89.5	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
GE 1800	30.8	87.8	88.6	89.7	90.2	90.2	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7
GE 1500	31.1	89.3	90.4	91.7	92.2	92.2	92.6	92.6	92.6	92.6	92.7	92.8	93.0	93.0	93.0	93.0
GE 1200	31.2	89.9	91.2	92.8	93.8	93.8	94.3	94.3	94.3	94.3	94.4	94.5	94.6	94.6	94.6	94.6
GE 1000	31.2	90.4	91.8	93.6	94.7	94.9	95.3	95.4	95.4	95.4	95.6	95.7	95.8	95.8	95.8	95.8
GE 900	31.4	90.9	92.5	94.5	95.9	96.1	96.5	96.6	96.7	97.0	97.1	97.2	97.3	97.3	97.3	97.3
GE 800	31.4	91.0	92.7	94.7	96.4	96.6	97.3	97.4	97.5	97.7	97.8	97.9	98.0	98.0	98.0	98.0
GE 700	31.4	91.0	92.7	94.8	97.0	97.2	97.9	98.0	98.2	98.6	98.7	98.8	98.9	98.9	98.9	98.9
GE 600	31.4	91.2	93.0	95.0	97.4	97.6	98.6	98.8	98.9	99.3	99.5	99.6	99.7	99.7	99.7	99.7
GE 500	31.4	91.2	93.0	95.0	97.4	97.6	98.6	99.0	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9
GE 400	31.4	91.2	93.0	95.0	97.4	97.6	98.6	99.1	99.2	99.7	99.8	99.9	100.0	100.0	100.0	100.0
GE 300	31.4	91.2	93.0	95.0	97.4	97.6	98.6	99.1	99.2	99.7	99.8	99.9	100.0	100.0	100.0	100.0
GE 200	31.4	91.2	93.0	95.0	97.4	97.6	98.6	99.1	99.2	99.7	99.8	99.9	100.0	100.0	100.0	100.0
GE 100	31.4	91.2	93.0	95.0	97.4	97.6	98.6	99.1	99.2	99.7	99.8	99.9	100.0	100.0	100.0	100.0
GE 0	31.4	91.2	93.0	95.0	97.4	97.6	98.6	99.1	99.2	99.7	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 923

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	11	12	13	14	15
NO CEIL	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 2000	56.8	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	57.0	57.0	57.0
GE 1400	56.8	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	57.0	57.0	57.0
GE 1000	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 800	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 600	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	61.3	61.3	61.3	61.3
GE 400	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	65.7	65.7
GE 300	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	66.9	66.9	66.9
GE 200	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 100	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	71.9	71.9
GE 50	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	72.0	72.0	72.0
GE 25	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	74.3	74.3	74.3	74.3
GE 15	74.7	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 10	77.5	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	78.4
GE 5	80.2	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 0	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	84.5	84.5	84.5	84.5
GE 2500	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	86.8	86.8	86.8
GE 2000	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1800	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1600	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	90.5	90.5	90.5	90.5
GE 1400	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 1200	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1000	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	93.3	93.3	93.3	93.3
GE 900	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 800	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 700	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 600	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 500	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 400	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 300	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 200	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 100	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 50	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 25	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 15	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	19.1	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 20000	22.3	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 18000	22.3	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 16000	22.4	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 14000	22.5	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
GE 12000	23.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 10000	23.8	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 9000	24.4	62.0	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 8000	25.3	65.6	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 7000	25.4	67.3	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 6000	25.4	68.0	68.2	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
GE 5000	25.6	69.2	69.5	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 4500	25.8	70.4	70.8	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 4000	26.2	72.4	72.8	73.2	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 3500	26.5	75.1	75.5	75.9	76.3	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 3000	26.8	81.0	81.6	82.0	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 2500	27.3	85.2	85.9	86.3	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2000	28.0	87.6	88.4	89.2	90.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1800	28.1	88.3	89.0	89.9	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1500	28.1	89.7	90.6	91.6	93.0	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1200	28.1	90.4	91.4	92.6	94.2	94.5	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1000	28.1	91.1	92.3	93.4	95.3	95.6	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 900	28.1	91.6	92.8	94.0	95.8	96.1	96.3	96.3	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7
GE 800	28.2	92.2	93.4	94.6	96.5	96.8	97.0	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	28.3	92.4	93.7	94.6	96.8	97.1	97.4	97.4	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	28.4	92.5	93.8	95.1	97.1	97.4	98.0	98.1	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	28.4	92.7	94.2	95.7	97.7	98.2	98.8	98.9	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	28.4	92.7	94.2	95.7	97.7	98.2	98.8	98.9	99.0	99.2	99.5	99.5	99.6	99.6	99.6	99.6
GE 300	28.4	92.7	94.2	95.7	97.7	98.2	99.0	99.2	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	28.4	92.7	94.2	95.7	97.7	98.2	99.0	99.2	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0
GE 100	28.4	92.7	94.2	95.7	97.7	98.2	99.0	99.2	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0
GE 0	28.4	92.7	94.2	95.7	97.7	98.2	99.0	99.2	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 230

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GF 4	GE 3	GE 2 1/2	GE 2	GF 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	14.7	45.1	45.9	46.3	46.3	46.3	46.3	46.5	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6
GE 20000	16.9	52.0	53.0	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7
GE 18000	16.9	52.2	53.1	53.5	53.5	53.5	53.5	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8
GE 16000	17.0	52.3	53.2	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9
GE 14000	17.0	52.7	53.7	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3
GE 12000	17.3	54.2	55.2	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8
GE 10000	17.7	56.2	57.2	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8
GE 9000	18.2	56.7	57.6	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3
GE 8000	19.5	59.7	60.8	61.3	61.3	61.3	61.3	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6
GE 7000	18.6	60.4	61.6	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7
GE 6000	19.0	61.5	62.7	63.3	63.4	63.4	63.4	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8
GE 5000	19.1	62.7	64.0	64.6	64.7	64.7	64.7	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1
GE 4500	19.6	63.9	65.2	65.8	65.9	65.9	65.9	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2
GE 4000	19.8	65.3	66.7	67.4	67.6	67.6	67.6	67.8	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2
GE 3500	19.9	66.8	68.4	69.4	69.6	69.6	69.6	69.8	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1
GE 3000	20.6	70.1	71.7	72.8	73.0	73.0	73.2	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5
GE 2500	21.2	72.8	74.7	76.0	76.2	76.2	76.5	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8
GE 2000	21.5	76.8	79.0	80.4	80.6	80.6	81.0	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
GE 1800	21.7	78.1	80.3	81.7	82.2	82.2	82.5	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8
GE 1500	22.2	82.0	84.5	85.9	86.8	86.8	87.2	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5
GE 1200	22.4	84.2	87.1	88.7	89.8	89.8	90.2	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5
GE 1000	22.7	86.2	89.5	91.2	92.4	92.4	92.9	93.1	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4
GE 900	22.7	86.8	90.3	92.2	93.3	93.3	93.9	94.1	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6
GE 800	22.7	87.1	90.6	92.7	94.0	94.0	94.5	94.7	94.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3
GE 700	22.7	87.3	91.0	93.0	94.3	94.3	94.8	95.2	95.4	95.6	95.8	95.8	95.8	95.8	95.8	95.8
GE 600	22.7	87.3	91.1	93.1	94.7	94.7	95.1	95.8	96.1	96.5	96.8	96.8	96.8	96.8	96.8	96.8
GE 500	22.7	87.4	91.5	93.5	95.7	95.7	96.6	97.2	97.6	98.0	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	22.7	87.4	91.5	93.5	96.0	96.0	97.0	97.8	98.4	98.7	99.0	99.0	99.1	99.1	99.1	99.1
GE 300	22.7	87.4	91.5	93.5	96.0	96.1	97.1	98.4	98.9	99.4	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	22.7	87.4	91.5	93.5	96.0	96.1	97.1	98.4	98.9	99.4	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	22.7	87.4	91.5	93.5	96.0	96.1	97.1	98.4	98.9	99.4	99.8	99.8	100.0	100.0	100.0	100.0
GE 0	22.7	87.4	91.5	93.5	96.0	96.1	97.1	98.4	98.9	99.4	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 4	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	9.2	36.5	38.8	40.4	41.9	42.2	42.6	42.8	42.8	42.9	42.9	42.9	43.3	43.3	43.3	43.4		
GE 20000	9.3	42.1	45.2	47.4	48.9	49.4	49.7	49.9	49.9	50.1	50.1	50.1	50.4	50.4	50.4	50.5		
GE 18000	9.4	42.3	45.5	47.6	49.1	49.6	49.9	50.2	50.2	50.3	50.3	50.3	50.6	50.6	50.6	50.7		
GE 16000	9.4	42.5	45.6	47.8	49.3	49.7	50.1	50.3	50.3	50.4	50.4	50.4	50.7	50.7	50.7	50.9		
GE 14000	9.8	43.0	46.3	48.4	49.9	50.4	50.7	51.0	51.0	51.1	51.1	51.1	51.4	51.4	51.4	51.6		
GE 12000	9.9	44.1	47.3	49.6	51.1	51.6	51.9	52.1	52.1	52.2	52.2	52.2	52.6	52.6	52.6	52.7		
GE 10000	10.7	47.0	50.3	52.7	54.2	54.7	55.0	55.2	55.2	55.4	55.4	55.4	55.7	55.7	55.7	55.8		
GE 9000	10.7	47.3	50.9	53.3	54.8	55.2	55.6	55.8	55.8	55.9	55.9	55.9	56.3	56.3	56.3	56.4		
GE 8000	11.2	50.4	54.0	56.4	57.9	58.3	58.7	58.9	58.9	59.0	59.0	59.0	59.4	59.4	59.4	59.5		
GE 7000	11.3	51.6	55.4	57.8	59.3	59.7	60.1	60.3	60.3	60.4	60.4	60.4	60.8	60.8	60.8	60.9		
GE 6000	11.4	52.1	55.9	58.3	60.0	60.4	60.8	61.0	61.0	61.1	61.1	61.1	61.4	61.4	61.4	61.6		
GE 5000	11.6	54.2	58.2	60.8	62.4	62.8	63.2	63.4	63.4	63.5	63.5	63.5	63.9	63.9	63.9	64.0		
GE 4500	12.0	55.6	59.6	62.1	63.9	64.3	64.7	64.9	64.9	65.0	65.0	65.0	65.4	65.4	65.4	65.5		
GE 4000	12.0	56.8	61.1	63.8	65.5	66.1	66.5	66.7	66.7	66.9	66.9	66.9	67.2	67.2	67.2	67.3		
GE 3500	12.1	58.0	62.4	65.2	67.2	67.8	68.2	68.5	68.5	68.6	68.6	68.6	68.9	68.9	68.9	69.0		
GE 3000	12.4	59.5	64.1	67.0	69.0	69.6	70.1	70.3	70.3	70.4	70.4	70.4	70.8	70.8	70.8	70.9		
GE 2500	12.7	62.8	67.5	70.5	72.6	73.2	73.8	74.0	74.0	74.1	74.1	74.1	74.5	74.5	74.5	74.6		
GE 2000	12.9	64.4	69.4	72.4	74.5	75.0	75.6	75.8	75.8	75.9	75.9	75.9	76.3	76.3	76.3	76.4		
GE 1800	13.2	65.8	71.0	74.0	76.4	77.0	77.6	77.8	77.8	77.9	77.9	77.9	78.3	78.3	78.3	78.4		
GE 1500	13.7	70.1	75.7	79.2	82.5	83.1	83.9	84.5	84.5	84.6	84.6	84.6	85.0	85.0	85.0	85.2		
GE 1200	13.8	72.0	77.9	81.8	85.2	85.7	86.7	87.2	87.2	87.3	87.3	87.3	87.8	87.8	87.8	87.9		
GE 1000	13.8	73.4	79.4	83.4	86.9	87.5	88.6	89.2	89.2	89.3	89.3	89.3	89.8	89.8	89.8	89.9		
GE 900	13.8	73.8	80.2	84.5	87.9	88.5	89.6	90.2	90.2	90.3	90.3	90.3	90.8	90.8	90.8	90.9		
GE 800	13.8	73.9	80.4	84.8	88.5	89.1	90.2	90.8	90.8	90.9	90.9	90.9	91.4	91.4	91.4	91.6		
GE 700	13.8	74.2	81.0	85.4	89.3	89.9	91.0	91.6	91.6	91.7	91.7	91.7	92.2	92.2	92.2	92.4		
GE 600	13.9	75.0	82.3	87.0	91.5	92.2	93.4	94.1	94.1	94.2	94.4	94.4	94.8	94.9	94.9	95.1		
GE 500	14.0	75.5	83.0	87.7	92.2	92.9	94.1	94.8	94.8	94.9	95.1	95.1	95.5	95.6	95.6	95.7		
GE 400	14.0	75.8	83.3	88.0	92.6	93.3	95.2	96.0	96.0	96.2	96.3	96.3	96.9	97.1	97.1	97.2		
GE 300	14.0	75.8	83.3	88.0	92.9	93.6	95.5	96.3	96.3	96.5	96.8	96.8	97.5	97.8	97.8	98.3		
GE 200	14.0	75.8	83.3	88.0	92.9	93.6	95.5	96.3	96.3	96.5	96.8	96.9	97.7	98.2	98.2	99.1		
GE 100	14.0	75.8	83.3	88.0	92.9	93.6	95.5	96.3	96.3	96.5	96.8	96.9	97.7	98.2	98.2	99.5		
GE 01	14.0	75.8	83.3	88.0	92.9	93.6	95.5	96.3	96.3	96.5	96.8	96.9	97.7	98.2	98.2	100.0		

TOTAL NUMBER OF OBSERVATIONS: 869

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 10	GE 6	GE 5	GF 4	GE 3	GF 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.0	56.3	57.0	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 20000	25.7	61.0	61.9	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
GE 18000	25.7	61.0	61.9	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
GE 16000	25.7	61.0	61.9	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
GE 14000	25.7	61.1	62.0	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 12000	26.1	62.6	63.4	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 10000	26.1	63.8	64.7	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 9000	26.1	63.8	64.7	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 8000	26.1	65.2	66.2	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 7000	26.1	66.3	67.5	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 6000	26.1	67.0	68.2	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 5000	26.5	68.5	69.7	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
GE 4500	26.7	70.6	71.8	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 4000	26.7	71.9	73.1	74.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 3500	27.7	73.9	75.4	77.1	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 3000	29.4	77.4	79.3	81.3	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 2500	29.0	78.9	81.2	83.2	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 2000	29.1	80.5	82.7	85.0	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 1800	29.1	81.3	83.6	85.8	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1500	29.1	82.2	84.5	87.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1200	29.1	83.6	85.9	88.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1000	29.1	84.1	86.5	89.6	92.1	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 900	29.1	84.9	87.2	90.3	93.3	93.3	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 800	29.1	85.3	87.7	91.1	94.0	94.2	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 700	29.1	86.4	88.8	92.5	95.5	95.9	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 600	29.1	86.4	88.8	92.5	95.5	95.9	96.2	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 500	29.1	86.4	88.8	92.5	95.9	96.8	97.0	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 400	29.1	86.4	88.8	92.5	95.9	96.9	97.6	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 300	29.1	86.4	88.9	92.6	96.2	97.3	98.0	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 200	29.1	86.4	88.9	92.6	96.2	97.3	98.1	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.5
GE 100	29.1	86.4	88.9	92.6	96.2	97.3	98.1	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.5
GE 0	29.1	86.4	88.9	92.6	96.2	97.3	98.1	98.7	98.7	98.9	99.0	99.0	99.2	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 839

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GF 6	GF 5	GE 4	GE 3	GE 2 1/2	GE 2	GF 1 1/2	GE 1 1/4	GE 1	GE 3/4	GF 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.4	56.2	57.0	57.4	57.4	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 20000	26.4	61.1	61.9	62.3	62.3	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 18000	26.4	61.3	62.1	62.5	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 16000	26.4	61.4	62.3	62.6	62.6	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 14000	26.4	61.4	62.3	62.6	62.6	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 12000	26.8	63.1	63.9	64.3	64.3	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 10000	26.8	64.5	65.4	65.8	65.8	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 9000	26.8	64.6	65.5	66.0	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 8000	26.8	67.7	68.6	69.0	69.0	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 7000	26.8	68.3	69.2	69.6	69.6	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 6000	26.8	68.7	69.5	70.1	70.1	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 5000	27.9	70.7	71.8	72.4	72.4	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 4500	28.5	72.5	73.8	74.5	74.5	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 4000	28.5	73.5	75.1	75.8	76.0	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 3500	28.7	75.2	77.3	78.2	78.5	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 3000	28.7	77.3	79.6	80.7	81.1	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GF 2500	29.4	81.4	84.3	85.5	86.3	86.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GF 2000	29.5	82.6	85.5	87.1	88.0	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GF 1800	29.5	82.9	85.7	87.4	88.2	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GF 1500	29.5	84.3	87.3	88.9	89.8	89.9	90.1	90.2	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GF 1200	29.5	85.0	88.1	89.9	90.8	91.0	91.2	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GF 1000	29.5	85.8	89.2	91.3	92.4	92.5	92.7	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GF 900	29.5	86.8	90.1	92.5	93.8	93.9	94.2	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GF 800	29.5	87.0	90.5	93.0	94.5	94.8	95.0	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GF 700	29.5	87.3	91.0	93.6	95.2	95.5	95.8	96.4	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GF 600	29.5	87.4	91.3	93.9	95.6	95.8	96.2	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GF 500	29.5	87.4	91.4	94.0	95.7	96.0	96.7	97.1	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GF 400	29.5	87.7	91.8	94.4	96.4	96.7	97.4	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GF 300	29.5	87.7	91.8	94.4	96.4	96.9	97.6	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GF 200	29.5	87.7	91.8	94.4	96.4	96.9	97.6	98.9	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GF 100	29.5	87.7	91.8	94.4	96.4	96.9	97.6	98.9	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GF 0	29.5	87.7	91.8	94.4	96.4	96.9	97.6	98.9	99.3	99.6	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 840

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES															
IN FLEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	27.3	53.1	54.0	54.0	54.0	54.0	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	
GE 20000	29.3	60.6	61.4	61.4	61.4	61.4	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	
GE 18000	29.8	61.0	61.9	61.9	61.9	61.9	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	
GE 16000	28.8	61.3	62.1	62.1	62.1	62.1	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	
GE 14000	28.8	62.0	62.8	62.8	62.8	62.8	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	
GE 12000	29.3	63.8	64.6	64.6	64.6	64.6	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	
GE 10000	29.9	65.6	66.6	66.6	66.6	66.6	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	
GE 9000	29.9	66.0	66.8	66.8	66.8	66.8	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	
GE 8000	30.3	68.5	69.7	69.7	69.7	69.7	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
GE 7000	30.3	69.4	71.0	71.0	71.0	71.0	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	
GE 6000	30.7	70.6	72.1	72.1	72.1	72.1	72.1	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	
GE 5000	31.2	71.9	73.6	73.6	73.6	73.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	
GE 4500	31.8	72.6	74.4	74.4	74.4	74.4	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	
GE 4000	32.1	74.4	76.3	76.4	76.4	76.4	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	
GE 3500	32.6	76.2	78.2	78.5	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	
GE 3000	33.3	78.6	80.8	81.2	81.3	81.3	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	
GE 2500	33.9	81.8	83.9	84.7	85.0	85.0	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	
GE 2000	34.5	83.0	85.2	86.0	86.5	86.5	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	
GE 1800	34.6	83.6	85.8	86.5	87.4	87.4	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	
GE 1500	34.7	85.0	87.5	88.2	89.4	89.4	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
GE 1200	34.7	87.0	89.5	90.6	91.7	92.0	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	
GE 1000	34.7	87.8	90.7	92.2	93.4	93.7	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
GE 900	34.7	88.2	91.3	92.9	94.3	95.0	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	
GE 800	34.7	88.4	91.6	93.4	95.0	95.7	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 700	34.7	88.7	91.9	93.6	95.3	96.0	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	
GE 600	34.7	88.9	92.3	94.1	95.7	96.5	96.8	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
GE 500	34.7	89.1	92.8	94.6	96.3	97.0	97.4	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
GE 400	34.7	89.3	92.9	94.8	96.9	97.6	98.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
GE 300	34.7	89.3	92.9	94.8	97.2	97.9	98.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	34.7	89.3	92.9	94.8	97.2	97.9	98.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	34.7	89.3	92.9	94.8	97.2	97.9	98.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	34.7	89.3	92.9	94.8	97.2	97.9	98.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 847

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.1	49.1	49.4	49.5	49.7	49.7	49.7	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 20000	21.6	56.3	56.7	56.9	57.1	57.1	57.1	57.1	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 18000	21.7	57.2	57.6	57.8	58.1	58.1	58.1	58.1	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 16000	21.7	57.5	57.8	58.1	58.3	58.3	58.3	58.3	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 14000	22.0	58.2	58.5	58.8	59.0	59.0	59.0	59.0	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 12000	22.1	58.8	59.1	59.4	59.6	59.6	59.6	59.6	59.6	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 10000	22.7	62.0	62.3	62.5	62.8	62.8	62.8	62.8	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 9000	22.7	63.0	63.4	63.6	63.8	63.8	63.8	63.8	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 8000	23.1	65.5	66.0	66.2	66.5	66.5	66.5	66.5	66.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 7000	23.3	66.2	66.8	67.1	67.5	67.5	67.5	67.5	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 6000	23.8	66.9	67.5	67.8	68.3	68.3	68.3	68.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 5000	23.9	67.8	68.4	68.9	69.4	69.4	69.4	69.4	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 4500	24.0	68.6	69.1	69.6	70.1	70.1	70.1	70.1	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 4000	24.6	70.3	71.0	71.7	72.2	72.2	72.3	72.3	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 3500	25.7	72.2	72.9	73.6	74.3	74.3	74.4	74.4	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 3000	26.4	74.9	75.6	76.4	77.3	77.3	77.4	77.4	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 2500	27.0	78.7	79.4	80.2	81.0	81.0	81.2	81.2	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 2000	27.2	80.7	81.6	82.6	83.4	83.5	83.6	83.6	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 1800	27.2	81.6	82.6	83.5	84.5	84.8	84.9	84.9	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1500	27.2	83.6	84.7	85.9	86.9	87.2	87.5	87.5	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 1200	27.2	85.3	86.7	88.2	89.2	89.5	90.0	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1000	27.2	86.2	87.9	89.4	90.7	91.3	91.9	92.2	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 900	27.2	86.7	88.8	90.7	92.2	92.8	93.6	94.1	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 800	27.2	86.9	89.4	91.5	93.3	94.1	94.9	95.4	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 700	27.2	87.0	89.6	91.8	93.6	94.5	95.4	95.9	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 600	27.2	87.5	90.3	92.7	94.7	95.5	96.6	97.4	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 500	27.2	87.6	90.7	93.2	95.8	96.6	98.0	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	27.2	87.6	90.7	93.2	96.0	96.8	98.2	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	27.2	87.6	90.7	93.2	96.0	96.8	98.4	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	27.2	87.6	90.7	93.2	96.0	96.8	98.4	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	27.2	87.6	90.7	93.2	96.0	96.8	98.4	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	27.2	87.6	90.7	93.2	96.0	96.8	98.4	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GF 4	GE 3	GF 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	13.9	44.4	45.9	46.4	46.5	46.8	47.1	47.2	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 20000	15.0	51.7	53.5	54.1	54.2	54.4	54.8	54.9	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 18000	15.2	52.2	53.9	54.5	54.7	54.9	55.2	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 16000	15.2	52.2	53.9	54.5	54.7	54.9	55.2	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 14000	15.2	52.5	54.3	54.9	55.0	55.2	55.6	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 12000	15.2	53.4	55.1	55.7	55.8	56.1	56.4	56.5	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 10000	15.9	54.8	56.5	57.1	57.2	57.5	57.8	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 9000	15.9	55.4	57.1	57.7	57.8	58.1	58.4	58.5	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 8000	16.5	57.4	59.1	59.7	59.8	60.1	60.4	60.5	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 7000	16.8	58.4	60.2	60.8	60.9	61.1	61.5	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 6000	16.8	58.9	60.7	61.2	61.4	61.6	62.0	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 5000	17.2	60.9	62.7	63.4	63.5	63.7	64.1	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 4500	17.3	61.7	63.6	64.3	64.4	64.7	65.0	65.1	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 4000	17.4	63.5	65.5	66.2	66.3	66.5	66.9	67.0	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 3500	17.4	64.2	66.2	67.0	67.1	67.5	67.8	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GF 3000	18.3	66.5	68.6	69.5	69.6	70.0	70.3	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 2500	18.5	69.0	71.1	72.2	72.8	73.4	74.0	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 2000	18.6	71.1	73.5	74.6	75.1	75.7	76.3	76.4	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 1800	18.6	72.4	74.8	75.9	76.6	77.1	77.7	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 1500	19.1	76.0	79.8	80.6	81.6	82.2	82.9	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1200	19.1	78.0	81.3	83.5	84.8	85.5	86.2	86.3	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7
GE 1000	19.1	79.0	82.6	85.3	87.0	87.8	88.6	88.7	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0
GE 900	19.1	79.7	83.6	86.3	88.2	88.9	89.9	90.0	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3
GE 800	19.1	80.3	85.0	88.0	90.1	90.8	91.9	92.0	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3
GE 700	19.1	80.3	85.3	88.8	90.9	91.8	92.8	93.4	93.5	93.6	93.8	93.8	93.8	93.8	93.8	93.8
GE 600	19.1	80.8	85.9	89.6	92.2	93.1	94.5	95.4	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9
GE 500	19.1	81.0	86.1	89.9	92.6	93.4	95.5	96.7	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2
GE 400	19.1	81.0	86.2	90.0	92.7	93.6	96.1	97.3	97.5	97.8	97.9	97.9	97.9	97.9	97.9	97.9
GE 300	19.1	81.0	86.2	90.1	92.8	93.8	96.5	97.9	98.2	98.7	98.9	99.1	99.3	99.3	99.3	99.3
GE 200	19.1	81.0	86.2	90.1	92.8	93.8	96.5	97.9	98.2	98.7	99.1	99.2	99.6	99.8	99.8	99.9
GE 100	19.1	81.0	86.2	90.1	92.8	93.8	96.5	97.9	98.2	98.7	99.1	99.2	99.6	99.8	99.8	100.0
GE 0	19.1	81.0	86.2	90.1	92.8	93.8	96.5	97.9	98.2	98.7	99.1	99.2	99.6	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	10.5	38.8	42.2	44.1	45.5	45.8	46.4	46.7	46.7	46.9	46.9	46.9	46.9	46.9	47.1	47.1
GE 20000	10.7	43.3	46.9	49.0	50.6	51.0	51.8	52.0	52.0	52.3	52.3	52.3	52.3	52.3	52.4	52.4
GE 18000	10.7	43.4	47.1	49.2	50.7	51.1	51.9	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.5	52.5
GE 16000	10.7	43.4	47.1	49.2	50.7	51.1	51.9	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.5	52.5
GE 14000	11.0	43.8	47.7	49.8	51.4	51.8	52.5	52.8	52.8	53.1	53.1	53.1	53.1	53.1	53.2	53.2
GE 12000	11.1	44.1	48.0	50.1	51.6	52.0	52.8	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.5	53.5
GE 10000	11.4	45.1	49.0	51.1	52.7	53.1	53.9	54.1	54.1	54.4	54.4	54.4	54.4	54.4	54.5	54.5
GE 9000	11.4	45.1	49.0	51.1	52.7	53.1	53.9	54.1	54.1	54.4	54.4	54.4	54.4	54.4	54.5	54.5
GE 8000	11.9	47.5	51.5	53.6	55.2	55.6	56.3	56.6	56.6	56.9	56.9	56.9	56.9	56.9	57.0	57.0
GE 7000	12.2	48.8	52.8	54.9	56.5	57.0	57.8	58.0	58.0	58.3	58.3	58.3	58.3	58.3	58.4	58.4
GE 6000	12.3	49.8	53.9	55.9	57.5	58.0	58.8	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.5	59.5
GE 5000	12.7	52.5	57.1	59.2	60.8	61.3	62.2	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.9	62.9
GE 4500	12.7	53.3	57.9	60.0	61.6	62.1	63.0	63.3	63.3	63.5	63.5	63.5	63.5	63.5	63.7	63.7
GE 4000	13.1	54.9	59.7	61.8	63.7	64.2	65.1	65.6	65.6	65.9	65.9	65.9	65.9	65.9	66.0	66.0
GE 3500	13.2	55.6	60.5	62.6	64.8	65.4	66.3	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.2	67.2
GE 3000	13.3	57.5	62.5	64.8	67.2	67.7	68.6	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.5	69.5
GE 2500	13.9	60.1	65.8	68.2	70.6	71.2	72.2	72.7	72.7	72.9	72.9	72.9	72.9	72.9	73.1	73.1
GE 2000	14.1	62.9	68.8	71.4	73.7	74.4	75.4	75.9	75.9	76.2	76.2	76.2	76.2	76.2	76.3	76.3
GE 1800	14.1	63.7	69.5	72.4	75.0	75.7	76.7	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.6	77.6
GE 1500	14.1	65.6	72.2	75.3	78.3	79.0	80.4	80.9	80.9	81.2	81.2	81.2	81.2	81.2	81.3	81.3
GE 1200	14.1	66.4	73.5	76.7	79.9	80.5	82.1	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.1	83.1
GE 1000	14.2	68.2	75.6	78.8	82.1	82.9	84.6	85.4	85.4	85.8	85.8	85.8	85.8	85.8	85.9	85.9
GE 900	14.2	69.0	76.5	79.7	83.5	84.3	86.1	86.9	86.9	87.3	87.3	87.3	87.3	87.3	87.5	87.5
GE 800	14.2	69.7	77.5	80.8	85.0	85.8	87.8	88.9	88.9	89.3	89.3	89.3	89.3	89.3	89.4	89.4
GE 700	14.2	69.8	77.8	81.2	85.4	86.3	88.4	89.5	89.5	89.9	89.9	89.9	89.9	89.9	90.1	90.1
GE 600	14.2	70.1	78.2	81.8	86.7	87.6	90.5	91.9	92.2	92.7	92.7	92.7	92.7	92.7	92.8	92.8
GE 500	14.2	70.7	79.0	82.9	87.8	88.8	91.6	93.6	93.9	94.6	94.6	94.6	94.6	94.6	94.8	94.8
GE 400	14.2	70.8	79.1	83.0	88.2	89.2	92.2	94.8	95.0	95.8	95.8	95.8	95.8	95.8	96.1	96.1
GE 300	14.2	70.8	79.2	83.1	89.0	89.9	93.3	96.2	96.6	97.4	97.6	97.6	97.6	97.6	97.8	97.8
GE 200	14.2	70.8	79.2	83.1	89.0	89.9	93.5	96.5	96.9	97.8	98.2	98.2	98.2	98.2	98.4	98.4
GE 100	14.2	70.8	79.2	83.1	89.0	89.9	93.5	96.5	96.9	97.8	98.2	98.2	98.2	98.2	98.4	98.4
GE 0	14.2	70.8	79.2	83.1	89.0	89.9	93.5	96.5	96.9	97.8	98.2	98.2	98.2	98.2	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS: 765

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: APR HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	26.6	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	
GE 20000	30.0	64.1	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	
GE 18000	30.3	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	
GE 16000	30.3	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	
GE 14000	30.3	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	
GE 12000	30.6	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	
GE 10000	31.4	69.9	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	
GE 9000	31.4	69.9	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	
GE 8000	31.4	72.4	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	73.2	
GE 7000	31.7	72.9	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	73.7	
GE 6000	32.1	73.8	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	
GE 5000	32.8	75.7	76.7	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	
GE 4500	32.9	76.4	77.6	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	
GE 4000	33.0	78.8	80.1	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	
GE 3500	33.3	83.1	84.4	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	
GE 3000	34.3	86.7	88.0	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	
GE 2500	34.3	88.1	89.7	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	
GE 2000	34.3	90.1	91.9	92.4	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	
GE 1800	34.3	90.7	92.7	93.2	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	
GE 1600	34.6	92.0	94.0	94.9	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	
GE 1200	34.7	93.4	95.4	96.6	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
GE 1000	34.7	93.9	96.0	97.1	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
GE 900	34.7	93.9	96.0	97.2	98.2	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 800	34.7	94.1	96.3	97.6	98.6	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
GE 700	34.7	94.1	96.4	97.8	98.8	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 600	34.7	94.2	96.7	98.1	99.1	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	34.7	94.2	96.7	98.1	99.1	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	34.7	94.2	96.7	98.1	99.1	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	34.7	94.2	96.7	98.1	99.1	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	34.7	94.2	96.7	98.1	99.1	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	34.7	94.2	96.7	98.1	99.1	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	34.7	94.2	96.7	98.1	99.1	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: APR HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	29.7	53.4	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0		
GE 20000	32.7	65.9	66.2	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0		
GE 18000	33.2	67.3	67.7	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		
GE 16000	33.2	67.3	67.7	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		
GE 14000	33.3	67.9	68.2	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		
GE 12000	33.8	69.7	70.0	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8		
GE 10000	35.2	74.9	75.2	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		
GE 9000	35.7	75.9	76.2	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		
GE 8000	35.8	78.9	79.3	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		
GE 7000	35.9	79.3	80.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1		
GE 6000	36.1	80.2	81.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1		
GE 5000	36.1	81.6	82.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7		
GE 4500	36.6	82.7	83.6	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		
GE 4000	37.1	85.7	86.6	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0		
GE 3500	37.2	88.2	89.2	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7		
GE 3000	37.6	90.2	91.2	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7		
GE 2500	37.8	91.3	92.4	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		
GE 2000	38.0	93.1	94.2	95.7	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0		
GE 1800	38.0	93.6	94.7	96.1	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4		
GE 1500	38.0	94.3	95.4	97.0	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3		
GE 1200	38.3	95.3	96.4	98.0	98.3	98.3	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7		
GE 1000	38.3	95.6	96.8	98.3	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0		
GE 900	38.3	95.7	96.9	98.4	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1		
GE 800	38.3	95.8	97.0	98.6	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2		
GE 700	38.3	95.9	97.1	98.7	99.0	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6		
GE 600	38.3	95.9	97.2	98.8	99.1	99.1	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8		
GE 500	38.3	95.9	97.2	98.8	99.1	99.1	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
GE 400	38.3	95.9	97.2	98.8	99.1	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 300	38.3	95.9	97.2	98.8	99.1	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 200	38.3	95.9	97.2	98.8	99.1	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 100	38.3	95.9	97.2	98.8	99.1	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 0	38.3	95.9	97.2	98.8	99.1	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0		

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: APR HOURS (LST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 20000	31.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 18000	31.4	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	69.0	69.0	69.0
GE 16000	31.4	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	69.0	69.0	69.0
GE 14000	32.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 12000	32.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 10000	33.7	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	76.5	76.5	76.5
GE 9000	33.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 8000	34.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 7000	34.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 6000	34.3	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 5000	34.7	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	83.0	83.0	83.0
GE 4500	34.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 4000	35.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 3500	35.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 3000	35.5	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2500	35.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 2000	35.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1800	35.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1500	35.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200	35.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	35.6	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	98.8	98.8	98.8
GE 900	35.6	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	98.9	98.9	98.9
GE 800	35.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	35.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	35.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	35.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	35.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	35.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	35.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	35.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 0	35.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 981

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: APR HOURS(IST): 2100-2300

CEILING IN FEET	1	5L 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1	31.0	62.6	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
GE 20000	31.9	67.2	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 18000	31.9	67.2	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 16000	31.9	67.2	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 14000	27.0	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 12000	32.0	68.3	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	69.0	69.0
GE 10000	32.3	72.0	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	72.9	72.9
GE 9000	32.3	72.4	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
GE 8000	32.6	75.5	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
GE 7000	32.8	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 6000	33.0	77.2	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	78.1
GE 5000	33.4	79.8	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 4500	33.9	81.6	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 4000	34.2	83.4	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 3500	34.2	84.8	86.4	86.4	86.4	86.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 3000	34.3	87.4	89.2	89.2	89.2	89.2	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 2500	34.5	89.4	91.2	91.2	91.2	91.2	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 2000	34.5	90.9	92.7	92.7	92.7	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1800	34.5	91.6	93.4	93.4	93.4	93.4	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1500	34.5	92.4	94.7	94.7	94.7	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1200	34.7	93.1	95.5	95.5	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1000	34.7	94.6	97.0	97.0	97.0	97.0	97.0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 900	34.7	94.8	97.7	97.7	97.7	97.7	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	34.7	94.8	97.7	97.7	97.7	97.7	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	34.7	94.9	97.8	97.8	97.8	97.8	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	34.7	95.1	97.9	97.9	97.9	97.9	97.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	34.7	95.1	98.2	98.2	98.2	98.2	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	34.7	95.1	98.2	98.2	98.2	98.2	98.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	34.7	95.1	98.2	98.2	98.2	98.2	98.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	34.7	95.1	98.2	98.2	98.2	98.2	98.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	34.7	95.1	98.2	98.2	98.2	98.2	98.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 0	34.7	95.1	98.2	98.2	98.2	98.2	98.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 772

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 76,78-84
MONTH: MAY HOURS(LST): 0300-0500

CEILING FEET	VISIBILITY IN STATUTE MILES																
	1/4	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	
NO CEIL	1	3.7	30.1	35.6	39.3	42.5	43.8	48.9	48.9	49.8	50.2	50.2	50.2	50.7	50.7	50.7	51.1
CE 20000		3.7	34.2	41.1	45.7	49.8	51.6	57.1	57.1	58.0	58.4	58.4	58.4	58.9	58.9	58.9	59.4
CE 18000		3.7	34.2	41.1	46.1	50.2	52.1	57.5	57.5	58.4	58.4	58.9	58.9	59.4	59.4	59.4	59.8
CE 16000		3.7	34.2	41.1	46.1	50.2	52.1	57.5	57.5	58.4	58.9	58.9	58.9	59.4	59.4	59.4	59.8
CE 14000		3.7	34.7	41.6	46.6	50.7	52.5	58.0	58.0	58.9	59.4	59.4	59.4	59.8	59.8	59.8	60.3
CE 12000		3.7	35.2	42.0	47.0	51.1	53.0	58.4	58.4	59.4	59.8	59.8	59.8	60.3	60.3	60.3	60.7
CE 10000		3.7	36.1	43.4	48.4	52.5	54.3	59.8	59.8	60.7	61.2	61.2	61.2	61.6	61.6	61.6	62.1
CE 9000		3.7	36.5	43.8	48.9	53.0	54.8	60.3	60.3	61.2	61.6	61.6	61.6	62.1	62.1	62.1	62.6
CE 8000		3.7	37.7	47.5	52.5	58.0	59.8	65.3	65.8	66.7	67.6	67.6	67.6	68.0	68.0	68.0	68.5
CE 7000		4.1	40.6	48.4	53.4	58.9	60.7	66.2	66.7	67.6	68.5	68.5	68.5	68.9	68.9	68.9	69.4
CE 6000		4.6	41.1	48.9	54.3	59.8	61.6	67.1	67.6	68.5	69.4	69.4	69.4	69.9	69.9	69.9	70.3
CE 5000		4.6	43.8	52.1	57.5	63.0	64.8	70.3	70.8	71.7	72.6	72.6	72.6	73.1	73.1	73.1	73.5
CE 4500		4.6	45.2	53.9	59.4	64.8	66.7	72.1	72.6	73.5	74.4	74.4	74.4	74.9	74.9	74.9	75.3
CE 4000		4.6	45.7	54.3	59.8	65.3	67.1	72.6	73.5	74.9	75.8	75.8	75.8	76.3	76.3	76.3	76.7
CE 3500		4.6	47.0	55.7	61.2	66.7	68.9	74.4	75.3	76.7	77.6	77.6	77.6	78.1	78.1	78.1	78.5
CE 3000		4.6	47.0	56.2	61.6	67.1	69.4	74.9	75.8	77.6	78.5	78.5	78.5	79.0	79.0	79.0	79.5
CE 2500		4.6	47.9	57.5	63.0	68.5	70.8	76.3	77.2	79.0	79.9	79.9	79.9	80.4	80.4	80.4	80.8
CE 2000		4.6	48.9	58.4	64.4	69.9	72.1	77.6	78.5	80.4	81.3	81.3	81.3	81.7	81.7	81.7	82.2
CE 1800		4.6	49.8	59.4	65.3	70.8	73.1	78.5	79.5	81.3	82.2	82.2	82.2	82.6	82.6	82.6	83.1
CE 1500		4.6	51.6	62.6	69.4	75.3	77.6	83.1	84.0	85.8	86.8	86.8	86.8	87.2	87.2	87.2	87.7
CE 1200		4.6	54.3	65.8	72.6	78.5	80.8	86.3	87.2	89.0	90.0	90.0	90.0	90.4	90.4	90.4	90.9
CE 1000		4.6	54.8	66.2	73.5	79.5	81.7	87.2	88.1	90.0	90.9	90.9	90.9	91.3	91.3	91.3	91.8
CE 900		4.6	55.3	66.7	74.4	80.4	82.6	88.1	89.0	90.9	91.8	91.8	91.8	92.2	92.2	92.2	92.7
CE 800		5.0	55.7	67.1	74.9	80.8	83.1	88.6	90.4	91.8	92.7	92.7	92.7	93.2	93.2	93.2	93.6
CE 700		5.0	55.7	67.1	74.9	81.3	83.6	89.0	90.4	92.7	93.6	93.6	93.6	94.1	94.1	94.1	94.5
CE 600		5.0	56.2	67.6	75.3	81.7	84.0	90.4	91.8	94.1	95.4	95.4	95.4	95.9	95.9	95.9	96.3
CE 500		5.0	56.2	67.6	75.3	81.7	84.0	90.4	91.8	94.1	95.4	95.4	95.4	95.9	95.9	95.9	96.3
CE 400		5.0	56.2	67.6	75.8	82.2	84.5	90.9	93.2	95.9	97.3	97.3	97.3	97.7	97.7	97.7	98.2
CE 300		5.0	56.2	67.6	75.8	82.2	84.5	90.9	93.2	95.9	97.3	97.7	97.7	98.2	98.2	98.2	98.6
CE 200		5.0	56.2	67.6	75.8	82.2	84.5	90.9	93.2	95.9	97.3	97.7	97.7	98.6	99.1	99.1	100.0
CE 100		5.0	56.2	67.6	75.8	82.2	84.5	90.9	93.2	95.9	97.3	97.7	97.7	98.6	99.1	99.1	100.0
CE 0		5.0	56.2	67.6	75.8	82.2	84.5	90.9	93.2	95.9	97.3	97.7	97.7	98.6	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	5.6	36.9	42.3	47.3	50.4	51.6	52.6	52.9	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.7
GE 20000	5.6	41.6	47.5	53.3	57.1	58.4	59.5	59.8	60.1	60.1	60.3	60.3	60.3	60.3	60.3	60.5
GE 18000	5.6	41.8	47.7	53.5	57.3	58.6	59.7	60.0	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.8
GE 16000	5.6	41.8	47.7	53.5	57.3	58.6	59.7	60.0	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.8
GE 14000	5.6	42.4	48.3	54.1	57.8	59.1	60.2	60.5	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.3
GE 12000	5.6	43.1	49.1	55.1	59.0	60.3	61.4	61.7	62.0	62.0	62.3	62.3	62.3	62.3	62.3	62.5
GE 10000	5.6	44.5	51.0	57.0	61.1	62.4	63.4	63.8	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.5
GE 9000	5.7	45.2	51.7	57.7	61.8	63.1	64.2	64.5	64.8	64.8	65.1	65.1	65.1	65.1	65.1	65.3
GE 8000	5.7	48.5	55.4	62.2	66.3	67.6	68.9	69.2	69.6	69.6	69.8	69.8	69.8	69.8	69.8	70.0
GE 7000	6.0	49.8	56.8	63.5	67.8	69.1	70.4	70.9	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.6
GE 6000	6.3	50.4	57.5	64.4	68.7	70.0	71.3	71.7	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.5
GE 5000	6.3	52.7	60.0	66.9	71.4	72.7	74.0	74.4	74.7	74.7	74.9	74.9	74.9	74.9	74.9	75.2
GE 4500	6.3	53.2	60.5	67.4	72.2	73.5	74.8	75.3	75.6	75.6	75.8	75.8	75.8	75.8	75.8	76.0
GE 4000	6.3	53.9	61.3	68.3	73.0	74.5	75.9	76.5	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.2
GE 3500	6.3	54.7	62.2	69.2	74.0	75.7	77.1	77.6	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.5
GE 3000	6.3	55.9	63.3	70.4	75.2	77.0	78.4	78.9	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.8
GE 2500	6.3	56.6	64.4	72.0	76.8	78.6	80.0	80.5	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.4
GE 2000	6.6	58.7	66.7	74.3	79.1	81.0	82.4	82.9	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.8
GE 1900	6.6	59.5	67.5	75.2	80.0	81.9	83.3	83.9	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.7
GE 1800	6.6	60.6	69.5	77.2	82.3	84.3	85.7	86.3	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.2
GE 1700	6.8	63.4	72.3	80.0	85.1	87.1	88.6	89.2	89.7	89.7	89.9	89.9	89.9	89.9	89.9	90.1
GE 1600	6.8	64.6	73.7	81.6	86.8	88.8	90.4	91.1	91.5	91.6	91.8	91.8	91.8	91.8	91.8	92.0
GE 1500	6.9	65.3	74.4	82.4	87.7	89.8	91.4	92.0	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.3
GE 1400	6.9	65.4	74.9	82.9	88.5	90.6	92.5	93.2	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.5
GE 1300	6.9	65.5	75.2	83.1	88.8	91.0	93.1	93.9	94.5	94.9	95.2	95.2	95.2	95.2	95.2	95.4
GE 1200	6.9	65.6	75.4	83.4	89.4	91.5	93.8	94.5	95.3	95.8	96.0	96.0	96.0	96.0	96.0	96.2
GE 1100	6.9	65.7	75.9	84.0	89.9	92.0	94.5	95.4	96.1	96.7	96.9	96.9	96.9	96.9	96.9	97.2
GE 1000	6.9	65.8	76.0	84.1	90.0	92.2	94.8	95.9	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.8
GE 900	6.9	65.8	76.0	84.1	90.0	92.2	94.9	96.0	96.8	97.6	98.3	98.3	98.3	98.3	98.3	99.1
GE 800	6.9	65.8	76.0	84.1	90.0	92.2	94.9	96.0	96.8	97.6	98.7	98.8	98.9	99.0	99.4	99.8
GE 700	6.9	65.8	76.0	84.1	90.0	92.2	94.9	96.0	96.8	97.6	98.7	98.8	98.9	99.0	99.5	100.0
GE 600	6.9	65.8	76.0	84.1	90.0	92.2	94.9	96.0	96.8	97.6	98.7	98.8	98.9	99.0	99.5	100.0
GE 500	6.9	65.8	76.0	84.1	90.0	92.2	94.9	96.0	96.8	97.6	98.7	98.8	98.9	99.0	99.5	100.0
GE 400	6.9	65.8	76.0	84.1	90.0	92.2	94.9	96.0	96.8	97.6	98.7	98.8	98.9	99.0	99.5	100.0
GE 300	6.9	65.8	76.0	84.1	90.0	92.2	94.9	96.0	96.8	97.6	98.7	98.8	98.9	99.0	99.5	100.0
GE 200	6.9	65.8	76.0	84.1	90.0	92.2	94.9	96.0	96.8	97.6	98.7	98.8	98.9	99.0	99.5	100.0
GE 100	6.9	65.8	76.0	84.1	90.0	92.2	94.9	96.0	96.8	97.6	98.7	98.8	98.9	99.0	99.5	100.0
GE 0	6.9	65.8	76.0	84.1	90.0	92.2	94.9	96.0	96.8	97.6	98.7	98.8	98.9	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	7.9	51.7	54.2	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 20000	10.6	57.4	60.6	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 18000	10.6	57.4	60.6	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 16000	10.6	57.4	60.6	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 14000	10.6	57.5	60.8	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 12000	10.6	59.1	62.5	63.9	64.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 10000	11.2	61.9	65.3	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 9000	11.5	63.3	66.7	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
GE 8000	11.8	66.2	69.6	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 7000	12.0	67.3	70.6	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 6000	12.0	68.3	71.7	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 5000	12.0	70.4	74.0	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 4500	12.0	70.9	74.4	77.0	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 4000	12.0	72.8	76.5	79.2	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 3500	12.2	74.7	78.6	81.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 3000	12.4	78.9	82.8	85.7	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 2500	12.9	80.5	84.4	87.5	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2000	13.3	83.5	87.5	90.8	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6
GE 1800	13.3	84.0	88.0	91.2	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0
GE 1500	13.5	86.5	90.4	93.9	94.6	94.6	94.6	94.6	94.6	94.6	95.1	95.1	95.1	95.1	95.1	95.1
GE 1200	13.9	87.7	92.0	95.6	96.5	96.6	96.6	96.6	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9
GE 1000	14.0	88.4	92.9	96.5	97.7	97.8	97.8	97.8	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	14.0	88.7	93.3	96.9	98.4	98.5	98.5	98.5	98.5	98.5	99.0	99.1	99.1	99.1	99.1	99.1
GE 800	14.0	88.7	93.3	96.9	98.4	98.5	98.5	98.5	98.5	98.5	99.0	99.1	99.1	99.1	99.1	99.1
GE 700	14.0	88.7	93.3	96.9	98.4	98.5	98.5	98.5	98.5	98.5	99.0	99.1	99.1	99.1	99.1	99.1
GE 600	14.0	88.7	93.3	96.9	98.4	98.5	98.5	98.5	98.5	98.5	99.0	99.1	99.1	99.1	99.1	99.1
GE 500	14.0	88.7	93.3	96.9	98.4	98.5	98.5	98.5	98.5	98.5	99.0	99.1	99.1	99.1	99.1	99.1
GE 400	14.0	88.7	93.3	96.9	98.4	98.5	98.5	98.5	98.5	98.5	99.0	99.1	99.1	99.1	99.1	99.1
GE 300	14.0	88.7	93.3	96.9	98.4	98.5	98.5	98.5	98.5	98.5	99.0	99.1	99.1	99.1	99.1	99.1
GE 200	14.0	88.7	93.3	96.9	98.4	98.5	98.5	98.5	98.5	98.5	99.0	99.1	99.1	99.1	99.1	99.1
GE 100	14.0	88.7	93.3	96.9	98.4	98.5	98.5	98.5	98.5	98.5	99.0	99.1	99.1	99.1	99.1	99.1
GE 0	14.0	88.7	93.3	96.9	98.4	98.5	98.5	98.5	98.5	98.5	99.0	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72226F STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(IST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8
NO CEIL		13.7	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 20000	15.3	63.7	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
GE 18000	15.3	63.9	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 16000	15.3	63.9	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 14000	15.3	63.9	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 12000	15.0	65.6	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5
GE 10000	16.7	68.7	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6
GE 9000	16.7	69.9	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.8	70.8	70.8	70.8
GE 8000	16.9	73.0	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0
GE 7000	17.0	73.7	74.7	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3
GE 6000	17.0	74.7	75.6	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3
GE 5000	17.4	77.7	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7
GE 4500	17.7	79.1	80.3	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1
GE 4000	18.0	82.8	84.2	84.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3
GE 3500	18.6	86.7	88.5	89.0	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6
GE 3000	19.5	90.5	92.7	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8
GE 2500	19.8	92.0	94.3	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4
GE 2000	20.0	93.2	95.6	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
GE 1800	20.0	93.4	95.8	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
GE 1500	20.2	94.5	97.0	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 1200	20.3	94.8	97.5	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 1000	20.3	95.1	97.7	98.5	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4
GE 900	20.3	95.1	97.7	98.5	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4
GE 800	20.3	95.1	97.7	98.5	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4
GE 700	20.3	95.1	97.7	98.5	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4
GE 600	20.3	95.1	97.7	98.5	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4
GE 500	20.3	95.1	97.7	98.5	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4
GE 400	20.3	95.1	97.7	98.5	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4
GE 300	20.3	95.1	97.7	98.5	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4
GE 200	20.3	95.1	97.7	98.5	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4
GE 100	20.3	95.1	97.7	98.5	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4
GE 0	20.3	95.1	97.7	98.5	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(1ST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	15.6	54.7	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 20000	19.2	67.3	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 18000	18.3	67.4	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 16000	19.3	67.4	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 14000	13.8	68.5	69.2	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
GE 12000	19.1	70.5	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 10000	20.0	75.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 9000	20.1	75.5	76.6	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	76.8
GE 8000	20.8	79.9	81.1	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	81.3
GE 7000	21.1	81.2	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 6000	21.1	81.5	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 5000	21.4	84.5	86.5	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	86.8
GE 4500	21.4	85.8	87.7	88.0	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
GE 4000	22.0	88.5	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 3500	22.6	91.3	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 3000	23.0	93.1	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2500	23.4	94.1	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2000	23.7	95.3	98.0	98.3	98.4	98.4	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	23.7	95.3	98.0	98.3	98.4	98.4	98.4	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	23.8	95.5	98.2	98.5	98.7	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	23.8	95.5	98.2	98.5	98.7	99.0	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	23.8	95.5	98.4	98.7	98.9	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	23.8	95.5	98.4	98.7	98.9	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	23.8	95.5	98.4	98.7	98.9	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 700	23.8	95.5	98.4	98.7	98.9	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 600	23.8	95.5	98.4	98.7	98.9	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	23.8	95.5	98.4	98.7	98.9	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	23.8	95.5	98.4	98.7	98.9	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	23.8	95.5	98.4	98.7	98.9	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	23.8	95.5	98.4	98.7	98.9	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	23.8	95.5	98.4	98.7	98.9	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	23.8	95.5	98.4	98.7	98.9	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	15.3	58.4	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
GE 20000	16.6	70.8	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	71.8
GE 18000	17.0	71.5	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	72.5
GE 16000	17.0	71.5	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	72.5
GE 14000	17.6	72.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 12000	18.0	74.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 10000	18.6	78.5	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 9000	18.8	78.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 8000	19.9	84.2	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 7000	19.9	84.5	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 6000	19.9	84.8	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	86.5
GE 5000	20.2	87.2	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 4500	20.2	88.1	90.0	90.1	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 4000	20.5	90.6	92.5	92.6	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 3500	20.6	92.1	94.0	94.1	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 3000	20.7	93.7	95.8	95.9	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 2500	20.9	94.3	96.5	96.7	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2000	21.0	94.8	97.0	97.3	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	21.1	95.2	97.4	97.7	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1600	21.1	95.5	97.9	98.3	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1400	21.1	95.5	97.9	98.3	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	21.1	95.6	98.2	98.5	99.1	99.2	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
GE 900	21.2	95.9	98.3	98.6	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
GE 800	21.2	95.9	98.4	98.7	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
GE 700	21.2	95.9	98.4	98.7	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
GE 600	21.2	95.9	98.4	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
GE 500	21.2	95.9	98.4	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
GE 400	21.2	95.9	98.4	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
GE 300	21.2	95.9	98.4	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
GE 200	21.2	95.9	98.4	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
GE 100	21.2	95.9	98.4	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
GE 0	21.2	95.9	98.4	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: 919

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722765 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(IST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		16.9	67.9	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
GE 20000		17.4	75.8	76.9	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 18000		18.0	76.6	77.7	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
GE 16000		19.0	76.6	77.7	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
GE 14000		18.0	77.4	78.6	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
GE 12000		18.2	77.9	79.1	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
GE 10000		18.3	81.2	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 9000		18.3	81.2	82.5	82.7	82.8	82.8	82.9	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 8000		18.4	84.9	86.4	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 7000		19.3	85.6	87.1	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
GE 6000		19.3	86.1	87.6	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 5000		19.6	87.9	89.4	89.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 4500		19.6	88.7	90.3	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 4000		19.6	90.2	91.8	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 3500		20.0	92.3	93.4	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 3000		20.0	94.1	95.7	96.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2500		20.0	94.6	96.4	96.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2000		20.5	95.3	97.2	97.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800		20.5	95.6	97.5	97.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1600		20.5	96.1	98.4	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1400		20.5	96.1	98.4	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200		20.5	96.1	98.4	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000		20.5	96.1	98.4	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900		20.5	96.2	98.5	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		20.5	96.2	98.5	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		20.5	96.2	98.5	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		20.5	96.2	98.5	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		20.5	96.2	98.5	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		20.5	96.2	98.5	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		20.5	96.2	98.5	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		20.5	96.2	98.5	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		20.5	96.2	98.5	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 71		20.5	96.2	98.5	99.0	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: 411

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722765 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-76,78-84
MONTH: JUN HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	3.3	28.5	36.0	43.5	53.3	57.9	60.7	61.2	62.1	62.6	63.1	63.1	63.1	63.1	63.1	63.1
GE 20000	3.7	34.1	42.5	50.9	61.2	65.9	68.7	69.2	70.1	70.6	71.0	71.0	71.0	71.0	71.0	71.0
GE 18000	3.7	34.1	42.5	50.9	61.2	65.9	68.7	69.2	70.1	70.6	71.0	71.0	71.0	71.0	71.0	71.0
GE 16000	3.7	34.1	42.5	50.9	61.2	65.9	68.7	69.2	70.1	70.6	71.0	71.0	71.0	71.0	71.0	71.0
GE 14000	3.7	34.1	42.5	50.9	61.2	65.9	68.7	69.2	70.1	70.6	71.0	71.0	71.0	71.0	71.0	71.0
GE 12000	3.7	35.0	44.4	52.8	63.1	67.8	70.6	71.0	72.0	72.4	72.9	72.9	72.9	72.9	72.9	72.9
GE 10000	3.7	36.0	45.8	54.7	66.8	72.0	75.2	75.7	76.6	77.1	77.6	77.6	77.6	77.6	77.6	77.6
GE 9000	3.7	36.0	45.8	54.7	66.8	72.0	75.2	75.7	76.6	77.1	77.6	77.6	77.6	77.6	77.6	77.6
GE 8000	3.7	37.9	48.1	57.5	69.6	74.8	78.0	78.5	79.4	79.9	80.4	80.4	80.4	80.4	80.4	80.4
GE 7000	3.7	37.9	48.1	57.5	69.6	74.8	78.0	78.5	79.4	79.9	80.4	80.4	80.4	80.4	80.4	80.4
GE 6000	3.7	38.3	49.1	58.4	70.6	75.7	79.0	79.4	80.4	80.8	81.3	81.3	81.3	81.3	81.3	81.3
GE 5000	3.7	41.1	51.9	61.7	73.8	79.0	82.2	82.7	83.6	84.1	84.6	84.6	84.6	84.6	84.6	84.6
GE 4500	4.2	42.5	53.3	63.1	75.2	80.4	83.6	84.1	85.0	85.5	86.0	86.0	86.0	86.0	86.0	86.0
GE 4000	4.2	42.5	53.3	63.1	75.2	80.4	83.6	84.1	85.0	85.5	86.0	86.0	86.0	86.0	86.0	86.0
GE 3500	4.2	42.5	53.3	63.1	75.2	80.4	83.6	84.1	85.0	85.5	86.0	86.0	86.0	86.0	86.0	86.0
GE 3000	4.2	42.5	53.3	63.1	75.7	80.6	84.1	84.6	85.5	86.0	86.4	86.4	86.4	86.4	86.4	86.4
GE 2500	4.2	43.0	54.2	64.0	76.6	81.8	85.0	85.5	86.4	86.9	87.4	87.4	87.4	87.4	87.4	87.4
GE 2000	4.2	43.5	54.7	64.5	77.1	82.2	85.5	86.4	87.4	87.9	88.3	88.3	88.3	88.3	88.3	88.3
GE 1800	4.2	43.9	55.1	65.0	77.6	82.7	86.0	86.9	87.9	88.3	88.8	88.8	88.8	88.8	88.8	88.8
GE 1600	4.2	44.4	56.1	65.9	78.5	83.6	87.4	88.3	89.3	89.7	90.2	90.2	90.2	90.2	90.2	90.2
GE 1400	4.2	45.3	57.0	66.8	79.4	84.6	88.3	89.3	90.2	90.7	91.1	91.1	91.1	91.1	91.1	91.1
GE 1000	4.2	45.8	57.5	67.8	80.4	85.5	89.3	90.2	91.1	91.6	92.1	92.1	92.1	92.1	92.1	92.1
GE 900	4.2	46.7	58.4	68.7	81.3	86.4	90.2	91.1	92.1	92.5	93.0	93.0	93.0	93.0	93.0	93.0
GE 800	4.2	47.2	59.3	69.6	82.2	87.4	91.1	92.1	93.0	93.5	93.9	93.9	93.9	93.9	93.9	93.9
GE 700	4.2	47.7	59.8	70.1	82.7	87.9	91.6	92.5	93.5	93.9	94.4	94.4	94.4	94.4	94.4	94.4
GE 600	4.2	48.1	60.7	71.0	84.6	89.7	93.9	94.9	95.8	96.3	96.7	96.7	96.7	96.7	96.7	96.7
GE 500	4.2	48.1	60.7	71.0	85.0	90.2	94.4	95.3	96.3	96.7	97.2	97.2	97.2	97.2	97.2	97.2
GE 400	4.2	48.1	61.2	71.5	86.0	91.1	95.3	96.3	97.2	97.7	98.1	98.1	98.1	98.1	98.1	98.1
GE 300	4.2	48.1	61.2	71.5	86.0	91.1	95.3	96.3	97.2	97.7	98.1	98.1	98.1	98.1	98.1	98.1
GE 200	4.2	48.1	61.2	71.5	86.0	91.1	95.8	96.7	98.1	98.6	99.1	99.1	99.1	99.1	99.1	99.5
GE 100	4.2	48.1	61.2	71.5	86.0	91.1	95.8	96.7	98.1	98.6	99.1	99.1	99.1	99.1	99.1	100.0
GE 0	4.2	48.1	61.2	71.5	86.0	91.1	95.8	96.7	98.1	98.6	99.1	99.1	99.1	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 214

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16	GE 17
NO LCL	5.3	40.9	48.1	53.2	57.7	59.5	60.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 20000	5.4	44.4	53.0	58.5	63.2	65.2	66.7	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 18000	5.4	44.4	53.1	58.6	63.3	65.3	66.8	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 16000	5.4	44.4	53.1	58.6	63.3	65.3	66.8	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 14000	5.4	44.6	53.2	58.7	63.4	65.4	66.9	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 12000	5.4	46.9	56.1	61.7	66.4	68.5	69.9	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 10000	5.4	50.1	59.7	65.4	70.4	72.5	74.0	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 9000	5.4	50.5	60.3	66.0	70.9	73.1	74.5	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 8000	5.4	53.1	63.9	69.8	74.9	77.0	78.5	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 7000	5.4	53.6	64.4	70.4	75.4	77.7	79.1	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 6000	5.4	54.0	64.8	70.7	75.8	78.0	79.5	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 5000	5.4	56.0	67.0	73.0	79.1	80.4	81.8	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 4000	5.4	56.6	67.7	73.7	78.9	81.3	82.7	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 3500	5.4	56.8	67.9	74.0	79.1	81.5	82.9	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 3000	5.4	57.1	68.2	74.3	79.5	81.8	83.3	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 2500	5.4	57.9	69.1	75.2	80.5	82.8	84.3	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 2000	5.4	58.5	69.9	76.0	81.3	83.6	85.1	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1800	5.4	59.7	71.2	77.2	82.6	85.0	86.5	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1600	5.4	59.9	71.4	77.4	82.8	85.2	86.9	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1400	5.4	61.5	73.2	79.3	84.8	87.2	89.1	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1200	5.4	62.7	74.5	81.0	86.5	88.9	90.8	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1000	5.4	64.0	75.9	82.6	88.4	90.8	93.0	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 900	5.4	64.9	77.1	83.8	89.7	92.0	94.3	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 800	5.4	65.4	78.0	84.7	90.6	92.9	95.2	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 700	5.4	65.7	78.3	85.3	91.1	93.5	95.7	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 600	5.4	66.6	79.6	86.6	92.5	94.8	97.1	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	5.6	66.7	80.2	87.3	93.2	95.6	98.0	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	5.6	66.7	80.2	87.4	93.3	96.0	98.5	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	5.6	66.7	80.2	87.5	93.4	96.1	98.7	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	5.6	66.7	80.2	87.5	93.4	96.1	98.7	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	5.6	66.7	80.2	87.5	93.4	96.1	98.7	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	5.6	66.7	80.2	87.5	93.4	96.1	99.7	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 841

NAVJAG CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LEST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES																
		GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1	92.6	97.9	60.6	67.6	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 20000	1	10.1	63.0	66.0	68.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 18000	1	10.1	63.1	66.3	68.5	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 16000	1	10.1	63.5	66.8	68.9	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 14000	1	10.1	63.9	67.1	69.2	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 12000	1	10.7	66.3	69.6	71.7	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 10000	1	10.8	71.0	74.4	76.5	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 9000	1	11.0	71.7	75.1	77.2	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 8000	1	11.3	73.6	77.6	79.7	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 7000	1	11.7	79.3	78.0	80.1	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 6000	1	11.6	74.5	78.2	80.4	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 5000	1	11.7	76.5	80.7	82.9	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
GE 4500	1	11.7	76.9	80.7	82.7	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
GE 4000	1	11.9	77.7	81.0	83.2	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3500	1	11.9	74.8	82.5	85.0	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
GE 3000	1	11.8	82.2	86.1	88.4	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 2500	1	11.9	83.1	87.1	89.6	91.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 2000	1	11.9	84.5	88.5	91.4	93.0	93.3	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1800	1	11.9	85.1	89.1	91.9	93.6	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1600	1	11.9	86.9	91.5	93.9	95.7	96.1	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1400	1	11.9	87.0	92.0	95.4	97.7	97.5	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1200	1	11.9	87.1	92.1	96.7	99.7	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	1	11.9	87.2	92.2	97.0	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	1	11.9	87.2	92.2	97.0	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	1	11.9	87.2	92.2	97.0	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	1	11.9	87.2	92.2	97.0	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	1	11.9	87.2	92.2	97.0	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	1	11.9	87.2	92.2	97.0	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	1	11.9	87.2	92.2	97.0	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	1	11.9	87.2	92.2	97.0	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	1	11.9	87.2	92.2	97.0	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	1	11.9	87.2	92.2	97.0	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	1	11.9	87.2	92.2	97.0	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 841

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAG
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 72265 STATION NAME: MAYWELL AFB AL

PERIOD OF RECORD: 75-84
 MONTH: AUG HOURS(LST): 0900-1100

CEILING FEET	VISIBILITY IN STATUTE MILES																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
NO CEIL	1	2.5	53.9	60.1	64.2	65.1	65.5	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 20000	10.2	57.5	64.1	66.5	69.4	69.8	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 18000	10.2	57.5	64.2	68.5	69.4	69.8	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 16000	10.2	57.6	64.3	68.6	69.5	69.9	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 14000	10.2	58.1	64.7	69.0	69.9	70.3	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 12000	10.2	59.5	66.7	71.0	71.9	72.4	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 10000	10.3	62.7	69.8	74.2	75.3	75.7	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 9000	10.3	63.3	70.4	74.8	75.9	76.3	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 8000	10.6	66.0	73.2	77.6	79.7	79.1	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 7000	10.6	66.5	73.7	78.2	79.2	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 6000	10.6	66.7	74.0	78.6	79.7	80.1	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 5000	10.8	67.5	74.8	79.5	80.5	81.0	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 4500	10.8	67.7	75.1	79.7	80.8	81.2	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 4000	10.9	68.4	75.9	80.5	81.6	82.0	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 3500	11.1	69.9	77.4	82.0	83.1	83.5	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 3000	12.0	72.5	80.2	85.1	86.1	86.6	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 2500	12.0	73.3	81.1	85.9	87.0	87.4	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2000	12.0	74.8	82.9	87.7	88.8	89.2	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1800	12.0	75.1	83.1	88.1	89.4	89.8	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1600	12.2	76.7	84.8	90.2	91.5	91.9	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1400	12.8	79.4	87.8	93.2	94.5	94.9	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1200	13.1	80.4	89.6	95.4	96.8	97.2	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	13.1	81.1	90.3	96.1	97.5	98.1	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	13.2	81.4	90.6	96.5	97.9	98.5	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	13.2	81.5	90.6	96.6	98.1	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	13.2	81.5	90.6	96.7	98.2	98.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	13.2	81.5	90.9	97.0	98.5	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	13.2	81.5	90.9	97.0	98.5	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	13.2	81.5	90.9	97.0	98.5	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	13.2	81.5	90.9	97.0	98.5	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	13.2	81.5	90.9	97.0	98.5	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	13.2	81.5	90.9	97.0	98.5	99.0	99.9	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: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722705 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES															
		10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	1	3.0	30.6	40.4	48.6	55.4	58.4	60.8	62.6	63.2	63.4	63.4	63.4	63.5	63.7	63.7	63.7
GE 20000		3.0	32.6	42.4	50.9	57.7	60.8	63.1	65.1	65.7	66.1	66.1	66.1	66.2	66.3	66.3	66.3
GE 18000		3.0	32.6	42.4	50.9	57.7	60.8	63.1	65.1	65.7	66.1	66.1	66.1	66.2	66.3	66.3	66.3
GE 16000		3.0	32.6	42.4	50.9	57.7	60.8	63.1	65.1	65.7	66.1	66.1	66.1	66.2	66.3	66.3	66.3
GE 14000		3.0	32.6	42.4	50.9	57.7	60.8	63.1	65.1	65.7	66.1	66.1	66.1	66.2	66.3	66.3	66.3
GE 12000		3.0	32.9	42.7	51.5	58.9	61.9	64.4	66.3	67.0	67.4	67.4	67.4	67.5	67.6	67.6	67.6
GE 10000		3.0	34.7	45.2	54.2	61.8	65.1	67.5	69.5	70.1	70.5	70.5	70.5	70.6	70.8	70.8	70.8
GE 9000		3.0	35.2	45.6	54.7	62.4	65.6	68.1	70.0	70.6	71.1	71.1	71.1	71.2	71.3	71.3	71.3
GE 8000		3.0	37.2	48.5	58.4	66.0	69.4	71.9	73.9	74.5	74.9	74.9	74.9	75.1	75.3	75.3	75.3
GE 7000		3.1	37.8	49.1	59.0	66.8	70.1	73.0	74.9	75.6	76.0	76.0	76.0	76.1	76.3	76.3	76.3
GE 6000		3.1	37.8	49.1	59.1	67.1	70.4	73.4	75.4	76.0	76.5	76.5	76.5	76.6	76.8	76.8	76.8
GE 5000		3.1	38.3	50.0	60.0	68.1	71.4	74.4	76.3	77.0	77.4	77.4	77.4	77.5	77.7	77.7	77.7
GE 4500		3.1	38.6	50.3	60.4	68.5	71.9	74.9	76.9	77.5	78.0	78.0	78.0	78.1	78.3	78.3	78.3
GE 4000		3.1	38.9	50.8	60.9	68.9	72.4	75.4	77.3	78.0	78.4	78.4	78.4	78.5	78.7	78.7	78.7
GE 3500		3.2	39.2	51.1	61.2	69.2	72.7	75.7	77.6	78.3	78.7	78.7	78.7	78.8	79.0	79.0	79.0
GE 3000		3.2	39.9	51.7	61.8	70.1	73.5	76.6	78.5	79.1	79.6	79.6	79.6	79.7	79.9	79.9	79.9
GE 2500		3.2	40.4	52.3	62.5	70.8	74.2	77.3	79.2	79.9	80.3	80.3	80.3	80.4	80.6	80.6	80.6
GE 2000		3.3	41.6	53.4	63.7	71.9	75.4	78.6	80.5	81.2	81.6	81.6	81.6	81.7	81.9	81.9	81.9
GE 1800		3.3	41.7	53.5	63.9	72.2	75.6	78.8	80.8	81.4	81.8	81.8	81.8	81.9	82.2	82.2	82.2
GE 1600		3.3	42.4	54.4	65.2	73.4	77.0	80.3	82.3	82.9	83.3	83.4	83.4	83.5	83.8	83.8	83.8
GE 1400		3.7	43.3	55.5	66.9	75.3	78.8	82.2	84.1	84.7	85.2	85.3	85.3	85.4	85.6	85.6	85.6
GE 1200		3.7	44.6	57.2	68.9	77.4	81.0	84.3	86.2	86.9	87.3	87.4	87.4	87.5	87.7	87.7	87.7
GE 1000		3.7	45.7	59.1	71.2	79.8	83.5	86.9	88.8	89.5	89.9	90.0	90.0	90.1	90.3	90.3	90.3
GE 900		3.8	46.6	60.4	72.7	81.4	85.3	88.7	90.6	91.3	91.7	91.8	91.8	91.9	92.2	92.2	92.2
GE 800		3.8	46.9	61.1	73.8	82.7	86.6	90.1	92.0	92.7	93.1	93.2	93.2	93.3	93.5	93.5	93.5
GE 700		3.8	47.5	62.2	75.4	84.4	88.4	91.9	93.4	94.5	94.9	95.1	95.1	95.2	95.4	95.4	95.4
GE 600		3.8	48.1	63.2	76.6	85.9	90.1	93.9	96.0	96.7	97.1	97.2	97.2	97.3	97.5	97.5	97.5
GE 500		3.8	48.2	63.3	76.9	86.5	90.6	94.6	97.2	97.8	98.3	98.4	98.4	98.5	98.7	98.7	98.7
GE 400		3.8	48.2	63.3	76.9	86.7	90.9	95.2	97.7	98.4	98.9	99.0	99.1	99.2	99.5	99.5	99.5
GE 300		3.8	48.2	63.3	76.9	86.8	91.0	95.3	97.8	98.6	99.1	99.4	99.5	99.7	99.9	99.9	99.9
GE 200		3.8	48.2	63.3	76.9	86.8	91.0	95.3	97.8	98.6	99.1	99.4	99.5	99.8	100.0	100.0	100.0
GE 100		3.8	48.2	63.3	76.9	86.8	91.0	95.3	97.8	98.6	99.1	99.4	99.5	99.8	100.0	100.0	100.0
GE 0		3.8	48.2	63.3	76.9	86.8	91.0	95.3	97.8	98.6	99.1	99.4	99.5	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 230

GLOBAL CLIMATOLOGY BRANCH
USAFITAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-76,78-84
MONTH: AUG HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1.4	18.7	26.5	37.4	51.1	56.6	60.7	62.6	64.4	65.3	65.3	65.3	65.3	65.3	65.8	65.8
GE 20000	1.4	21.0	28.8	40.2	53.9	59.4	63.9	66.2	68.0	68.9	68.9	68.9	68.9	68.9	69.4	69.4
GE 18000	1.4	21.0	28.8	40.2	53.9	59.4	63.9	66.2	68.0	68.9	68.9	68.9	68.9	68.9	69.4	69.4
GE 16000	1.4	21.0	28.8	40.2	53.9	59.4	63.9	66.2	68.0	68.9	68.9	68.9	68.9	68.9	69.4	69.4
GE 14000	1.4	21.0	28.8	40.2	53.9	59.4	63.9	66.2	68.0	68.9	68.9	68.9	68.9	68.9	69.4	69.4
GE 12000	1.4	21.5	29.2	40.6	54.3	59.8	64.4	66.7	69.5	69.4	69.4	69.4	69.4	69.4	69.9	69.9
GE 10000	1.4	24.7	32.4	44.3	59.4	65.8	70.8	73.5	75.3	76.3	76.3	76.3	76.3	76.3	76.7	76.7
GE 9000	1.4	24.7	32.4	44.3	59.4	65.8	70.8	73.5	75.3	76.3	76.3	76.3	76.3	76.3	76.7	76.7
GE 8000	1.4	25.6	33.3	45.7	61.2	67.6	72.6	75.3	77.2	78.1	78.1	78.1	78.1	78.1	78.5	78.5
GE 7000	1.4	25.6	33.3	46.1	61.6	68.0	73.1	75.8	77.6	78.5	78.5	78.5	78.5	78.5	79.0	79.0
GE 6000	1.4	25.6	33.3	46.1	61.6	68.0	73.5	76.3	78.1	79.0	79.0	79.0	79.0	79.0	79.5	79.5
GE 5000	1.4	25.6	33.3	46.6	62.6	68.9	74.9	77.6	79.5	80.4	80.4	80.4	80.4	80.4	80.8	80.8
GE 4500	1.4	26.0	33.8	47.0	63.5	69.9	75.8	78.5	80.4	81.3	81.3	81.3	81.3	81.3	81.7	81.7
GE 4000	1.4	26.0	33.8	47.5	64.4	70.8	76.7	79.5	81.3	82.2	82.2	82.2	82.2	82.2	82.6	82.6
GE 3500	2.3	26.5	34.2	47.9	65.3	71.7	77.6	80.4	82.2	83.1	83.1	83.1	83.1	83.1	83.6	83.6
GE 3000	2.3	26.9	34.7	48.4	65.8	72.1	78.1	80.8	82.6	83.6	83.6	83.6	83.6	83.6	84.0	84.0
GE 2500	2.3	27.4	35.2	49.3	66.7	73.5	79.5	82.2	84.0	84.9	84.9	84.9	84.9	84.9	85.4	85.4
GE 2000	2.3	28.3	36.5	51.6	68.9	75.8	81.7	84.5	86.3	87.2	87.2	87.2	87.2	87.2	87.7	87.7
GE 1800	2.3	28.3	36.5	52.1	69.4	76.3	82.2	84.9	86.8	87.7	87.7	87.7	87.7	87.7	88.1	88.1
GE 1500	2.3	28.3	37.0	53.4	70.8	77.6	83.6	86.3	88.1	89.0	89.0	89.0	89.0	89.0	89.5	89.5
GE 1200	2.7	28.8	37.4	54.3	72.1	79.0	85.4	88.1	90.0	90.9	90.9	90.9	90.9	90.9	91.3	91.3
GE 1000	2.7	28.8	37.4	54.8	72.6	79.5	85.4	88.6	90.4	91.3	91.3	91.3	91.3	91.3	91.8	91.8
GE 900	2.7	29.2	37.9	55.7	73.5	80.4	86.4	89.5	91.3	92.2	92.2	92.2	92.2	92.2	92.7	92.7
GE 800	2.7	29.2	37.9	56.2	74.0	80.8	87.2	90.0	91.8	92.7	92.7	92.7	92.7	92.7	93.2	93.2
GE 700	2.7	29.7	38.4	57.1	74.9	81.7	88.6	91.3	93.2	94.1	94.1	94.1	94.1	94.1	94.5	94.5
GE 600	2.7	29.7	38.4	57.1	74.9	81.7	88.6	91.3	93.2	94.1	94.1	94.1	94.1	94.1	94.5	94.5
GE 500	2.7	30.1	39.7	58.4	76.3	83.1	90.0	92.7	95.0	95.9	95.9	95.9	95.9	95.9	96.3	96.3
GE 400	2.7	30.1	40.6	59.4	77.6	84.5	91.8	94.5	96.8	98.2	98.2	98.2	98.2	98.2	98.6	98.6
GE 300	2.7	30.1	40.6	59.4	78.1	84.9	92.2	95.0	97.3	98.6	98.6	98.6	98.6	98.6	99.1	99.1
GE 200	2.7	30.1	40.6	59.4	78.1	84.9	92.2	95.0	97.3	98.6	98.6	98.6	98.6	98.6	99.1	99.5
GE 100	2.7	30.1	40.6	59.4	78.1	84.9	92.2	95.0	97.3	98.6	98.6	98.6	99.1	99.1	99.5	100.0
GE 0	2.7	30.1	40.6	59.4	78.1	84.9	92.2	95.0	97.3	98.6	98.6	98.6	99.1	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 212

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722207 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	1	GE 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	1	10.9	53.3	57.9	59.7	59.9	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	
GE 20000	13.0	70.1	75.5	77.3	77.5	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	
GE 18000	13.0	70.1	75.5	77.3	77.5	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	
GE 16000	13.2	70.2	75.7	77.5	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	
GE 14000	13.2	70.9	76.3	78.1	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	
GE 12000	13.2	72.9	78.6	80.4	80.6	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	
GE 10000	13.8	76.5	82.6	84.4	84.5	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	
GE 9000	13.8	77.3	83.4	85.2	85.4	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	
GE 8000	14.0	78.5	84.7	86.7	87.0	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	
GE 7000	14.0	78.6	84.9	87.0	87.3	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	
GE 6000	14.0	78.9	85.2	87.3	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	
GE 5000	14.0	79.8	86.0	88.2	88.5	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	
GE 4500	14.1	80.8	87.0	89.3	89.6	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
GE 4000	14.1	81.9	88.7	91.0	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	
GE 3500	14.5	83.4	90.1	92.4	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
GE 3000	14.5	84.4	91.1	94.1	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	
GE 2500	14.5	85.4	92.1	95.1	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	
GE 2000	14.6	86.0	92.8	95.7	96.7	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	
GE 1800	14.8	86.3	93.1	96.1	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
GE 1500	14.8	87.2	93.9	96.9	97.9	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
GE 1200	14.8	87.5	94.2	97.2	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	
GE 1000	14.8	87.8	94.6	97.7	98.7	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 900	14.8	88.3	95.1	98.2	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 800	14.8	88.3	95.1	98.4	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	
GE 700	14.8	88.3	95.1	98.4	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	
GE 600	14.8	88.5	95.2	98.5	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	
GE 500	14.8	88.5	95.2	98.5	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	
GE 400	14.8	88.5	95.2	98.5	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	
GE 300	14.8	88.5	95.2	98.5	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	
GE 200	14.8	88.5	95.2	98.5	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	
GE 100	14.8	88.5	95.2	98.5	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	
GE 0	14.8	88.5	95.2	98.5	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: 608

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET		GE 10	GF 0	GE 5	GF 4	GE 3	GE 2 1/2	GE 2	GF 1 1/2	GE 1 1/4	GE 1	GE 3/4	GF 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	1	7.3	44.1	47.5	48.5	49.1	49.1	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	
GF 20000	11.0	63.5	67.8	68.9	69.4	69.4	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
GE 18000	11.1	63.8	68.1	69.2	69.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	
GE 16000	11.4	64.1	68.4	69.5	70.1	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	
GE 14000	11.8	65.5	69.7	70.8	71.4	71.4	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	
GE 12000	12.0	69.2	73.5	74.6	75.1	75.1	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	
GE 10000	13.6	75.6	79.9	81.0	81.5	81.5	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	
GF 9000	13.6	76.1	80.5	81.6	82.2	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	
GF 8000	14.3	79.0	83.6	84.9	85.5	85.5	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	
GE 7000	14.3	79.2	83.8	85.1	85.7	85.7	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	
GE 6000	14.3	79.4	84.0	85.5	86.0	86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	
GE 5000	14.3	80.7	85.6	87.1	87.7	87.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	
GF 4500	14.3	82.1	87.3	88.9	89.4	89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
GF 4000	14.5	83.5	89.1	90.6	91.2	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	
GF 3500	14.6	85.1	91.0	92.5	93.2	93.2	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	
GF 3000	14.7	86.7	92.6	94.4	95.5	95.5	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	
GF 2500	15.0	87.8	94.1	95.7	96.8	96.8	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
GF 2000	15.0	88.3	94.7	96.5	97.6	97.6	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
GF 1800	15.0	88.6	94.9	96.7	97.8	97.8	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
GF 1500	15.1	88.9	95.3	97.2	98.5	98.5	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 1200	15.1	89.1	95.5	97.5	98.7	98.7	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
GF 1000	15.1	89.1	95.5	97.5	98.8	98.8	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GF 900	15.1	89.2	95.6	97.6	98.9	98.9	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GF 800	15.1	89.2	95.6	97.6	98.9	98.9	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GF 700	15.1	89.2	95.6	97.6	98.9	98.9	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GF 600	15.1	89.2	95.6	97.6	98.9	98.9	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GF 500	15.1	89.2	95.6	97.6	98.9	98.9	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	
GE 400	15.1	89.2	95.6	97.6	98.9	98.9	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	
GF 300	15.1	89.2	95.6	97.6	98.9	98.9	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	
GF 200	15.1	89.2	95.6	97.6	98.9	98.9	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	
GF 100	15.1	89.2	95.6	97.6	98.9	98.9	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	
GF 0	15.1	89.2	95.6	97.6	98.9	98.9	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 959

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(IST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	7.9	46.3	49.8	51.0	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9		
GE 20000	12.4	62.7	66.6	67.9	69.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8		
GE 18000	12.6	62.8	66.7	68.0	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9		
GE 16000	12.7	62.9	66.8	68.1	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0		
GE 14000	13.1	64.0	67.9	69.2	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1		
GE 12000	13.4	66.5	70.4	71.7	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6		
GE 10000	14.8	71.6	76.2	77.5	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4		
GE 9000	14.8	72.2	77.0	78.3	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1		
GE 8000	15.3	74.5	79.4	80.7	81.6	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9		
GE 7000	15.4	74.9	80.1	81.4	82.3	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6		
GE 6000	15.4	75.1	80.3	81.7	82.5	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9		
GE 5000	15.6	76.6	82.1	83.4	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6		
GE 4500	15.6	77.6	83.1	84.4	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7		
GE 4000	15.9	80.6	86.1	87.7	88.8	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2		
GE 3500	16.3	83.3	88.9	90.6	91.7	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2		
GE 3000	16.6	87.2	93.1	94.9	96.2	96.3	96.7	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9		
GE 2500	16.7	87.4	93.3	95.1	96.5	96.6	97.1	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3		
GE 2000	16.8	88.6	94.5	96.3	97.7	97.8	98.3	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5		
GE 1800	16.9	88.9	94.6	96.5	97.9	98.0	98.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7		
GE 1500	17.1	89.4	95.3	97.1	98.5	98.6	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2		
GE 1200	17.1	89.6	95.5	97.3	98.7	98.8	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6		
GE 1000	17.1	89.7	95.6	97.4	98.8	98.9	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7		
GE 900	17.1	89.7	95.6	97.4	98.8	98.9	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7		
GE 800	17.1	89.7	95.6	97.4	98.8	98.9	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7		
GE 700	17.1	89.7	95.6	97.4	98.8	98.9	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7		
GE 600	17.1	89.7	95.6	97.4	98.8	98.9	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7		
GE 500	17.1	89.7	95.6	97.4	98.8	98.9	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7		
GE 400	17.1	89.7	95.6	97.4	98.8	98.9	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7		
GE 300	17.1	89.7	95.6	97.4	98.8	98.9	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7		
GE 200	17.1	89.7	95.6	97.4	98.8	98.9	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7		
GE 100	17.1	89.7	95.6	97.4	98.8	98.9	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7		
GE 0	17.1	89.7	95.6	97.4	98.8	98.9	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7		

TOTAL NUMBER OF OBSERVATIONS: 216

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GF 6	GF 5	GF 4	GE 3	GE 2 1/2	GE 2	GF 1 1/2	GE 1 1/4	GE 1	GE 3/4	GF 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	7.9	47.4	51.4	53.7	56.3	56.5	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	
GE 20000	4.8	54.5	58.6	61.3	64.2	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	
GF 18000	4.8	54.6	59.1	61.6	64.5	64.6	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	
GE 16000	4.8	55.2	59.5	61.9	64.8	64.9	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	
GE 14000	4.8	55.5	59.6	62.4	65.4	65.5	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	
GE 12000	5.1	59.0	63.4	66.0	69.1	69.2	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	
GF 10000	5.1	62.8	67.4	70.0	73.2	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	
GF 9000	5.1	63.0	67.7	70.3	73.5	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	
GE 8000	5.5	65.4	70.1	72.7	75.9	76.0	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	
GE 7000	5.5	65.4	70.1	72.7	75.9	76.0	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	
GF 6000	5.5	65.5	70.2	72.8	76.0	76.1	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	
GF 5000	5.6	66.0	70.8	73.3	76.6	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	
GE 4000	5.8	66.3	71.2	73.8	77.0	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	
GF 4000	6.1	67.1	72.3	74.8	78.1	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	
GE 3000	6.3	68.5	73.8	76.5	79.7	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	
GF 3000	6.7	71.8	77.2	80.1	83.3	83.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	
GF 2000	6.7	73.9	79.6	82.5	85.7	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	
GF 2000	6.8	76.3	82.3	85.4	88.6	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	
GE 1800	6.8	77.0	82.9	86.0	89.2	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	
GF 1500	6.9	79.9	85.6	88.9	92.2	92.3	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	
GF 1200	6.9	81.8	88.2	91.5	94.7	94.8	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	
GE 1000	6.9	83.4	90.2	93.5	97.2	97.4	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
GE 900	6.9	83.8	90.5	94.0	97.7	97.9	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
GF 800	6.9	84.1	90.9	94.4	98.2	98.4	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
GE 700	6.9	84.1	91.0	94.5	98.3	98.5	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GF 600	6.9	84.1	91.0	94.7	98.6	98.8	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GF 500	6.9	84.1	91.0	94.7	98.7	98.9	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	6.9	84.1	91.0	94.7	98.7	98.9	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GF 300	6.9	84.1	91.0	94.7	98.7	98.9	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	6.9	84.1	91.0	94.7	98.7	98.9	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GF 100	6.9	84.1	91.0	94.7	98.7	98.9	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GF 0	6.9	84.1	91.0	94.7	98.7	98.9	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	6.3	47.4	51.2	53.1	53.5	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 20000	9.7	59.2	63.0	65.3	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 18000	8.7	59.3	63.1	65.4	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 16000	9.0	59.5	63.3	65.7	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 14000	9.2	60.2	63.9	66.3	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 12000	9.7	63.6	67.4	69.8	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 10000	10.4	67.4	71.2	73.5	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 9000	10.4	68.0	71.8	74.2	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 8000	10.5	70.6	74.4	76.8	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 7000	10.5	70.8	74.7	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
GE 6000	10.5	70.8	74.7	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
GE 5000	10.5	71.1	75.1	77.4	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 4500	10.6	71.4	75.4	77.8	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 4000	11.3	73.7	77.9	80.6	81.2	81.3	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 3500	12.0	77.6	82.3	85.0	85.9	86.0	86.3	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5
GE 3000	13.0	84.7	89.8	92.6	93.6	93.7	94.2	94.2	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4
GE 2500	13.2	85.7	91.0	94.1	94.9	95.1	95.6	95.6	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8
GE 2000	13.3	87.0	92.3	95.5	96.3	96.5	97.0	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
GE 1800	13.3	87.0	92.3	95.5	96.3	96.5	97.0	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
GE 1500	13.3	87.6	93.1	96.2	97.1	97.5	98.1	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4
GE 1200	13.3	88.4	93.7	96.9	97.7	98.2	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0
GE 1000	13.3	88.4	93.7	97.0	97.8	98.3	98.8	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 900	13.3	88.4	93.7	97.0	97.8	98.3	98.8	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 800	13.3	88.6	93.8	97.1	97.9	98.4	98.9	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 700	13.3	88.6	93.8	97.1	97.9	98.5	99.0	99.0	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 600	13.3	88.7	94.1	97.3	98.2	98.7	99.2	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 500	13.3	88.7	94.2	97.4	98.3	98.8	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 400	13.3	88.7	94.2	97.4	98.3	98.8	99.4	99.4	99.5	99.6	99.6	99.6	99.9	99.9	99.9	99.9
GE 300	13.3	88.7	94.2	97.4	98.4	98.9	99.5	99.5	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 200	13.3	88.7	94.2	97.4	98.4	98.9	99.5	99.5	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	13.3	88.7	94.2	97.4	98.4	98.9	99.5	99.5	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 0	13.3	88.7	94.2	97.4	98.4	98.9	99.5	99.5	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 926

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 0600-0800

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	2.4	30.4	40.4	46.8	52.2	53.9	56.0	56.7	56.8	57.3	57.5	57.6	57.6	57.6	57.6	57.6
GE 20000	2.5	33.9	45.5	51.9	57.6	59.5	61.8	62.6	62.7	63.2	63.4	63.5	63.5	63.5	63.5	63.5
GE 18000	2.7	34.1	45.7	52.2	57.8	59.7	62.0	62.8	62.9	63.4	63.7	63.8	63.8	63.8	63.8	63.8
GE 16000	2.7	34.1	45.7	52.2	57.8	59.7	62.0	62.8	62.9	63.4	63.7	63.8	63.8	63.8	63.8	63.8
GE 14000	2.7	34.2	46.1	52.6	58.3	60.1	62.6	63.3	63.4	64.0	64.2	64.3	64.3	64.3	64.3	64.3
GE 12000	2.9	36.6	48.7	55.4	61.4	63.2	65.8	66.6	66.7	67.2	67.4	67.5	67.5	67.5	67.5	67.5
GE 10000	3.0	38.9	52.3	59.8	66.0	67.8	70.5	71.3	71.4	71.9	72.2	72.3	72.3	72.3	72.3	72.3
GE 9000	3.0	39.4	52.8	60.5	66.9	68.7	71.4	72.2	72.3	72.8	73.0	73.1	73.1	73.1	73.1	73.1
GE 8000	3.1	41.6	55.1	63.3	69.7	71.6	74.3	75.1	75.2	75.7	75.9	76.0	76.0	76.0	76.0	76.0
GE 7000	3.1	41.6	55.3	63.5	69.9	71.8	74.5	75.3	75.4	75.9	76.1	76.2	76.2	76.2	76.2	76.2
GE 6000	3.2	41.9	55.6	63.9	70.2	72.2	74.8	75.6	75.7	76.2	76.5	76.6	76.6	76.6	76.6	76.6
GE 5000	3.2	42.4	56.0	64.4	70.9	72.8	75.5	76.2	76.3	76.9	77.1	77.2	77.2	77.2	77.2	77.2
GE 4500	3.5	42.8	56.5	64.8	71.3	73.2	75.9	76.7	76.8	77.3	77.5	77.6	77.6	77.6	77.6	77.6
GE 4000	3.5	43.4	57.4	65.6	72.4	74.3	77.0	77.7	77.8	78.4	78.6	78.7	78.7	78.7	78.7	78.7
GE 3500	3.5	43.9	58.3	66.7	73.2	75.2	77.8	78.6	78.7	79.2	79.5	79.6	79.6	79.6	79.6	79.6
GE 3000	3.5	44.2	58.7	67.2	73.9	75.9	78.6	79.4	79.5	80.0	80.2	80.3	80.3	80.3	80.3	80.3
GE 2500	3.7	44.5	59.1	67.8	74.7	76.8	79.5	80.2	80.3	80.9	81.1	81.2	81.2	81.2	81.2	81.2
GE 2000	3.7	45.3	60.1	68.8	75.8	77.8	80.5	81.3	81.4	81.9	82.2	82.3	82.3	82.3	82.3	82.3
GE 1800	3.7	45.4	60.2	68.9	75.9	78.0	80.6	81.4	81.5	82.0	82.3	82.4	82.4	82.4	82.4	82.4
GE 1500	3.9	46.8	61.7	70.8	77.8	79.9	82.6	83.3	83.4	84.2	84.4	84.5	84.5	84.5	84.5	84.5
GE 1200	3.9	48.6	63.7	73.0	80.2	82.3	85.1	85.8	85.9	86.7	86.9	87.0	87.0	87.0	87.0	87.0
GE 1000	4.0	50.4	65.6	75.3	82.6	85.1	88.0	88.7	88.8	89.7	89.9	90.0	90.0	90.0	90.0	90.0
GE 900	4.0	51.7	67.2	76.8	84.1	86.6	89.5	90.2	90.3	91.2	91.4	91.5	91.5	91.5	91.5	91.5
GE 800	4.0	52.6	68.4	78.1	85.4	87.8	90.8	91.5	91.6	92.5	92.7	92.8	92.8	92.8	92.8	92.8
GE 700	4.0	53.3	69.5	79.2	86.7	89.1	92.2	92.9	93.0	93.9	94.1	94.2	94.2	94.2	94.2	94.2
GE 600	4.0	54.5	71.0	80.9	88.4	91.2	94.2	94.9	95.1	95.9	96.2	96.3	96.3	96.3	96.3	96.3
GE 500	4.0	54.8	71.6	81.5	89.1	91.4	95.1	96.0	96.2	97.1	97.5	97.6	97.7	97.8	97.8	97.8
GE 400	4.0	54.8	72.0	81.9	89.6	92.6	95.7	96.8	97.0	97.8	98.3	98.4	98.5	98.6	98.7	98.7
GE 300	4.0	54.8	72.0	81.9	89.7	92.7	95.8	96.9	97.1	98.2	98.7	98.9	99.0	99.1	99.2	99.5
GE 200	4.0	54.8	72.0	81.9	89.7	92.8	95.9	97.0	97.2	98.3	99.0	99.2	99.4	99.5	99.6	99.8
GE 100	4.0	54.8	72.0	81.9	89.7	92.8	95.9	97.0	97.2	98.3	99.0	99.2	99.4	99.5	99.7	100.0
GE 0	4.0	54.8	72.0	81.9	89.7	92.8	95.9	97.0	97.2	98.3	99.0	99.2	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 77-84
MONTH: JUL HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE U
NO CEIL	1.0	22.0	32.6	41.7	50.9	54.6	58.7	59.2	59.6	60.1	61.0	61.5	61.9	61.9	61.9
GE 20000	1.8	24.8	35.8	45.9	55.5	59.6	63.8	64.2	65.1	65.6	66.5	67.0	67.4	67.4	67.4
GE 18000	2.3	25.2	36.2	46.3	56.0	60.1	64.2	64.7	65.6	66.1	67.0	67.4	67.9	67.9	67.9
GE 16000	2.3	25.2	36.7	46.8	56.4	60.6	64.7	65.1	66.1	66.5	67.4	67.9	68.3	68.3	68.3
GE 14000	2.3	25.2	37.2	47.2	56.9	61.0	65.1	65.6	66.5	67.0	67.9	68.3	68.8	68.8	68.8
GE 12000	2.3	27.1	39.4	49.5	59.2	63.3	67.9	68.3	69.3	69.7	70.6	71.1	71.6	71.6	71.6
GE 10000	2.3	28.0	40.8	50.9	61.0	65.1	69.7	70.2	71.1	71.6	72.5	72.9	73.4	73.4	73.4
GE 9000	2.3	28.0	40.8	50.9	61.0	65.1	69.7	70.2	71.1	71.6	72.5	72.9	73.4	73.4	73.4
GE 8000	2.3	30.7	44.0	55.0	65.1	69.7	74.3	74.8	75.7	76.1	77.1	77.5	78.0	78.0	78.0
GE 7000	2.3	31.2	44.5	56.4	66.5	71.1	75.7	76.1	77.1	77.5	78.4	78.9	79.4	79.4	79.4
GE 6000	2.3	31.2	44.5	56.9	67.0	71.6	76.1	76.6	77.5	78.0	78.9	79.4	79.8	79.8	79.8
GE 5000	2.3	31.7	45.0	57.3	67.9	72.5	77.1	77.5	78.4	78.9	79.8	80.3	80.7	80.7	80.7
GE 4500	2.3	31.7	45.0	57.3	67.9	72.5	77.1	77.5	78.4	78.9	79.8	80.3	80.7	80.7	80.7
GE 4000	2.3	32.1	45.9	58.3	68.8	73.4	78.0	78.9	79.8	80.3	81.2	81.7	82.1	82.1	82.1
GE 3500	2.3	32.6	46.8	59.2	69.7	74.3	78.9	79.8	80.7	81.2	82.1	82.6	83.0	83.0	83.0
GE 3000	2.3	32.6	47.2	59.6	71.1	75.7	80.3	81.2	82.1	82.6	83.5	83.9	84.4	84.4	84.4
GE 2500	2.3	32.6	47.2	59.6	71.1	75.7	80.3	81.2	82.1	82.6	83.5	83.9	84.4	84.4	84.4
GE 2000	2.8	33.9	48.6	61.0	72.9	77.5	82.1	83.0	83.9	84.4	85.3	85.8	86.2	86.2	86.2
GE 1800	2.8	33.9	48.6	61.0	72.9	77.5	82.1	83.0	83.9	84.4	85.3	85.8	86.2	86.2	86.2
GE 1500	3.7	35.8	50.5	63.8	76.1	81.2	85.8	86.7	87.6	88.1	89.0	89.4	89.9	89.9	89.9
GE 1200	3.7	35.8	50.5	63.8	76.1	81.2	85.8	86.7	87.6	88.1	89.0	89.4	89.9	89.9	89.9
GE 1000	3.7	35.8	50.5	64.2	77.1	82.1	87.2	88.1	89.4	89.9	90.4	91.3	91.7	91.7	91.7
GE 900	3.7	36.2	51.4	66.1	78.9	83.9	89.4	90.4	91.7	92.2	93.1	93.6	94.0	94.0	94.0
GE 800	3.7	37.2	52.3	67.0	79.8	84.9	90.4	91.3	92.7	93.1	94.0	94.5	95.0	95.0	95.0
GE 700	3.7	37.2	52.3	67.0	80.7	85.8	91.3	92.2	93.6	94.0	95.0	95.4	95.9	95.9	95.9
GE 600	3.7	38.1	53.2	67.9	81.7	87.2	92.7	93.6	95.0	95.4	96.3	96.8	97.2	97.2	97.2
GE 500	3.7	38.1	53.2	68.3	82.6	88.1	93.6	94.5	95.9	96.3	97.2	97.7	98.2	98.6	98.6
GE 400	3.7	38.1	53.2	68.3	82.6	88.1	93.6	94.5	96.3	96.8	97.7	98.2	98.6	99.1	99.1
GE 300	3.7	38.1	53.2	68.3	82.6	88.1	93.6	94.5	96.3	96.8	97.7	98.2	98.6	99.1	99.5
GE 200	3.7	38.1	53.2	68.3	82.6	88.1	93.6	94.5	96.3	96.8	97.7	98.2	98.6	99.1	99.5
GE 100	3.7	38.1	53.2	68.3	82.6	88.1	93.6	94.5	96.3	96.8	97.7	98.2	98.6	99.1	100.0
GE 0	3.7	38.1	53.2	68.3	82.6	88.1	93.6	94.5	96.3	96.8	97.7	98.2	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 210

GLOBAL CLIMATOLOGY BRANCH
USAF/CLTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	11.4	67.0	69.0	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 20000	15.1	81.2	83.6	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 18000	15.1	81.4	83.8	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 16000	15.1	81.4	83.8	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 14000	15.2	82.1	84.4	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 12000	15.6	83.4	85.8	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 10000	16.1	85.8	88.6	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 9000	16.1	86.4	89.3	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 8000	16.1	87.6	90.5	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
GE 7000	16.1	87.8	90.6	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 6000	16.1	87.8	90.6	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 5000	16.2	88.6	91.6	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 4500	16.6	90.1	93.1	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 4000	16.9	92.0	95.0	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 3500	16.9	92.8	96.1	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 3000	17.1	94.0	97.3	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2500	17.1	94.0	97.3	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2000	17.1	94.0	97.3	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	17.1	94.0	97.3	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	17.1	94.1	97.5	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1200	17.3	94.5	97.8	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
GE 1000	17.3	94.5	97.8	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
GE 900	17.3	94.5	97.8	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
GE 800	17.3	94.5	97.8	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
GE 700	17.3	94.5	97.8	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
GE 600	17.3	94.6	98.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	17.3	94.6	98.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	17.3	94.6	98.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	17.3	94.6	98.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	17.3	94.6	98.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	17.3	94.6	98.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	17.3	94.6	98.0	99.5	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: 547

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	12.1	59.7	61.4	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 20000	15.2	75.2	76.9	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 18000	15.2	76.0	77.7	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 16000	15.2	76.0	77.7	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 14000	15.4	77.3	79.0	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 12000	15.7	79.3	81.3	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 10000	15.6	84.0	86.0	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 9000	16.6	84.7	86.8	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 8000	16.9	87.5	89.6	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
GE 7000	16.9	87.7	89.7	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 6000	16.9	87.8	89.9	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 5000	16.9	89.3	91.5	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
GE 4500	16.9	90.9	93.2	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 4000	17.2	92.3	94.5	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 3500	17.2	93.0	95.4	97.2	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 3000	17.2	94.5	97.0	98.8	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2500	17.2	94.5	97.0	98.8	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2000	17.2	94.6	97.1	98.9	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	17.2	94.6	97.1	98.9	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500	17.2	94.7	97.2	99.0	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	17.2	94.7	97.2	99.1	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	17.2	94.7	97.2	99.1	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	17.2	94.7	97.2	99.1	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	17.2	94.7	97.2	99.1	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	17.2	94.7	97.2	99.1	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	17.2	94.7	97.2	99.1	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	17.2	94.7	97.2	99.1	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	17.2	94.7	97.2	99.1	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	17.2	94.7	97.2	99.1	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	17.2	94.7	97.2	99.1	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	17.2	94.7	97.2	99.1	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	17.2	94.7	97.2	99.1	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	12.1	58.4	60.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 20000	15.6	74.1	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	77.2
GE 18000	15.6	74.3	76.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 16000	15.6	74.3	76.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 14000	15.6	75.1	76.4	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 12000	16.3	76.2	78.0	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	79.3
GE 10000	17.3	80.2	82.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 9000	17.3	81.1	82.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 8000	17.7	83.3	85.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 7000	17.7	83.4	85.2	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	86.5
GE 6000	17.7	83.5	85.3	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	86.6
GE 5000	17.7	85.2	87.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 4500	17.7	85.6	87.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 4000	18.2	88.7	90.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 3500	18.2	90.2	92.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 3000	18.2	93.7	96.3	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.5	98.5
GE 2500	18.2	94.1	96.6	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	99.0	99.0
GE 2000	18.2	94.3	96.9	98.5	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.2	99.2
GE 1800	18.2	94.3	96.9	98.5	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.2	99.2
GE 1500	18.2	94.5	97.2	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE 1200	18.3	94.6	97.3	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE 1000	18.4	94.7	97.4	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 900	18.4	94.7	97.4	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 800	18.4	94.7	97.4	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 700	18.4	94.7	97.4	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 600	18.4	94.7	97.4	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 500	18.4	94.7	97.4	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 400	18.4	94.7	97.4	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	18.4	94.7	97.4	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	18.4	94.7	97.4	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	18.4	94.7	97.4	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 0	18.4	94.7	97.4	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GF 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	11.1	58.4	59.4	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
GE 20000	13.1	69.1	70.5	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
GE 18000	13.1	69.4	70.7	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 16000	13.1	69.5	70.8	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
GE 14000	13.1	70.1	71.5	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
GE 12000	13.8	71.9	73.3	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
GE 10000	14.6	75.8	77.2	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 9000	14.6	76.3	77.8	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 8000	14.7	78.3	80.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 7000	14.8	79.1	81.0	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
GE 6000	14.8	79.2	81.4	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 5000	14.8	80.6	82.7	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
GE 4500	14.8	81.5	83.6	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 4000	15.2	83.7	86.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 3500	15.5	86.5	88.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 3000	15.8	93.2	95.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.8
GE 2500	15.8	93.7	96.2	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.7
GE 2000	15.8	94.3	96.9	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
GE 1800	15.8	94.3	96.9	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
GE 1500	15.8	94.4	97.0	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
GE 1200	15.8	94.6	97.2	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 1000	15.8	94.6	97.2	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 900	15.8	94.6	97.2	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 800	15.8	94.6	97.2	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 700	15.8	94.6	97.2	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 600	15.8	94.6	97.2	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 500	15.8	94.6	97.2	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 400	15.8	94.6	97.2	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 300	15.8	94.6	97.2	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	15.8	94.6	97.2	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	15.8	94.6	97.2	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 0	15.8	94.6	97.2	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	13.7		53.7	56.9	58.5	59.7	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 20000	16.0		63.4	67.3	69.4	69.8	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 18000	16.0		63.4	67.3	69.4	69.8	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 16000	16.0		63.4	67.3	69.4	69.8	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 14000	16.0		63.9	67.7	69.8	70.2	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 12000	16.5		65.4	67.5	71.8	72.3	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 10000	17.4		69.1	73.5	75.9	76.3	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 9000	17.4		70.0	74.4	76.8	77.2	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 8000	19.1		72.8	77.2	79.6	80.0	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 7000	19.1		73.3	77.7	80.1	80.5	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 6000	19.3		74.0	78.4	80.8	81.2	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 5000	19.3		74.6	79.0	81.4	81.8	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 4500	19.4		74.9	79.4	81.7	82.2	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4000	19.9		77.0	81.7	84.2	84.7	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 3500	19.4		81.2	86.0	88.5	89.2	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 3000	20.6		86.9	92.0	94.5	95.4	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2500	20.6		87.4	92.6	95.1	95.9	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2000	20.6		87.8	93.1	95.6	96.5	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1800	20.6		88.2	93.4	96.1	97.0	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1500	21.0		88.7	94.1	97.0	97.8	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	21.2		88.9	94.3	97.3	98.2	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	21.2		89.2	94.6	97.6	98.5	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	21.2		89.2	94.6	97.6	98.5	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	21.2		89.2	94.6	97.6	98.6	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	21.2		89.2	94.6	98.0	98.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	21.2		89.2	94.6	98.1	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	21.2		89.2	94.6	98.1	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	21.2		89.2	94.6	98.1	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	21.2		89.2	94.6	98.1	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	21.2		89.2	94.6	98.1	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	21.2		89.2	94.6	98.1	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	21.2		89.2	94.6	98.1	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 730

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722765 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	15.5	44.7	53.3	54.4	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2		
GE 10000	16.8	63.2	69.6	70.0	70.6	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0		
GE 18000	16.9	63.5	68.9	70.4	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4		
GE 16000	16.9	63.5	68.9	70.4	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4		
GE 14000	17.1	64.3	69.7	71.4	72.0	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4		
GE 12000	17.7	66.7	72.0	74.0	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9		
GE 10000	18.6	71.9	77.5	79.6	80.3	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6		
GE 9000	18.6	72.7	78.3	80.3	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4		
GE 8000	19.2	75.5	81.1	83.1	84.0	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4		
GE 7000	19.2	75.6	81.3	83.3	84.2	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6		
GE 6000	19.6	76.5	82.2	84.2	85.1	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5		
GE 5000	19.6	76.8	82.5	84.6	85.5	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9		
GE 4000	19.9	77.5	83.3	85.5	86.3	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8		
GE 3000	20.2	78.9	84.9	87.1	88.3	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0		
GE 2500	20.8	82.6	88.6	90.9	92.5	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2		
GE 2000	21.1	85.1	91.6	94.0	95.9	96.2	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9		
GE 1800	21.1	85.6	92.3	94.7	96.9	97.2	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8		
GE 1600	21.3	86.2	93.0	95.6	97.7	98.1	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8		
GE 1400	21.3	86.2	93.2	95.9	98.1	98.4	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1		
GE 1200	21.3	86.6	93.5	96.2	98.4	98.7	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5		
GE 1000	21.3	86.7	93.7	96.3	98.5	98.8	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6		
GE 900	21.3	86.9	93.9	96.6	98.7	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8		
GE 800	21.3	86.9	93.9	96.6	98.7	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8		
GE 700	21.3	86.9	93.9	96.6	98.7	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8		
GE 600	21.3	86.9	93.9	96.6	98.7	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8		
GE 500	21.3	86.9	93.9	96.6	98.7	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8		
GE 400	21.3	86.9	93.9	96.6	98.7	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8		
GE 300	21.3	86.9	93.9	96.6	98.7	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8		
GE 200	21.3	86.9	93.9	96.6	98.7	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8		
GE 100	21.3	86.9	93.9	96.6	98.7	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8		
GE 0	21.3	86.9	93.9	96.6	98.7	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8		

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(IST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2
NO CEIL	10.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2000	13.7	67.7	71.9	74.5	74.7	74.7	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 1800	13.7	67.6	72.0	74.6	74.8	74.8	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 1600	13.7	67.8	72.0	74.6	74.3	74.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 1400	13.9	68.4	72.6	75.1	75.3	75.3	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 1200	15.2	71.4	75.5	76.4	78.6	78.6	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 1000	16.3	77.3	82.0	84.6	85.6	85.6	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 900	16.3	77.7	82.5	85.3	86.0	86.0	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 800	16.7	80.4	85.5	88.4	89.1	89.1	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 700	17.1	81.1	86.1	89.0	89.8	89.8	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 600	17.1	81.4	86.4	89.3	90.2	90.2	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 500	17.2	82.3	87.4	90.3	91.2	91.2	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 450	17.5	83.3	88.5	91.6	92.5	92.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 400	17.5	83.9	89.0	92.1	93.7	93.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 350	17.7	85.6	91.2	94.4	95.3	95.3	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 300	17.7	87.2	93.0	96.4	97.3	97.3	98.3	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE 250	17.7	87.3	93.1	96.6	97.4	97.4	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 200	17.7	87.8	93.6	97.1	98.0	98.0	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 180	17.7	87.8	93.6	97.1	98.0	98.0	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 150	17.7	88.1	93.9	97.4	98.3	98.3	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 120	17.7	88.1	93.9	97.5	98.4	98.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	17.7	88.1	93.9	97.5	98.4	98.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 90	17.7	88.1	93.9	97.5	98.4	98.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 80	17.7	88.1	93.9	97.5	98.4	98.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 70	17.7	88.1	93.9	97.5	98.4	98.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 60	17.7	88.1	93.9	97.5	98.4	98.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 50	17.7	88.1	93.9	97.5	98.4	98.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 40	17.7	88.1	93.9	97.5	98.4	98.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 30	17.7	88.1	93.9	97.5	98.4	98.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 20	17.7	88.1	93.9	97.5	98.4	98.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 10	17.7	88.1	93.9	97.5	98.4	98.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	17.7	88.1	93.9	97.5	98.4	98.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GF 6	GE 5	GF 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	12.6	62.1	64.5	67.5	67.9	67.8	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	
GE 20000	14.1	75.2	78.6	82.2	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	
GE 18000	14.1	75.2	78.6	82.2	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	
GE 16000	14.1	75.2	78.6	82.2	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	
GE 14000	14.4	75.7	79.0	82.7	83.0	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	
GE 12000	14.6	76.3	79.7	83.5	83.9	83.8	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	
GE 10000	15.4	80.0	83.4	87.2	87.5	87.5	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	
GE 9000	15.4	80.3	83.7	87.5	87.9	87.8	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	
GE 8000	15.7	83.0	86.7	90.6	91.2	91.2	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	
GE 7000	16.0	83.4	87.0	90.9	91.5	91.5	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	
GE 6000	16.0	83.5	87.2	91.0	91.7	91.7	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	
GE 5000	16.0	84.0	88.0	91.8	92.5	92.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	
GE 4500	16.0	84.6	88.6	92.5	93.1	93.1	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	
GE 4000	16.0	85.8	89.9	93.6	94.6	94.9	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	
GE 3500	16.0	86.4	90.9	94.7	95.5	95.8	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
GE 3000	16.0	87.4	91.8	95.7	96.8	97.1	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	
GE 2500	16.0	87.5	92.2	96.0	97.1	97.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
GE 2000	16.0	88.3	93.1	97.0	98.1	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 1800	16.0	88.3	93.1	97.0	98.1	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 1600	16.0	88.5	93.3	97.1	98.2	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
GE 1400	16.0	88.5	93.3	97.1	98.2	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
GE 1200	16.0	88.6	93.4	97.3	98.6	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 1000	16.0	88.6	93.4	97.3	98.6	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 900	16.0	88.8	93.8	97.6	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 800	16.0	88.8	93.8	97.6	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 700	16.0	88.8	93.8	97.6	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 600	16.0	88.8	93.8	97.6	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	16.0	88.8	93.8	97.6	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	16.0	88.8	93.8	97.6	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	16.0	88.8	93.8	97.6	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	16.0	88.8	93.8	97.6	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	16.0	88.8	93.8	97.6	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	16.0	89.8	93.8	97.6	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 625

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 76.78-84
MONTH: SEP HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1.4	34.0	45.8	51.4	54.2	56.6	60.8	61.8	62.3	63.7	63.7	64.2	64.6	64.6	64.6	64.6
GE 20000	1.4	35.8	49.5	55.2	58.0	60.4	64.6	65.6	66.0	67.5	67.5	67.9	68.4	68.4	68.4	68.4
GE 18000	1.4	35.8	49.5	55.2	58.0	60.4	64.6	65.6	66.0	67.5	67.5	67.9	68.4	68.4	68.4	68.4
GE 16000	1.4	35.8	49.5	55.2	58.0	60.4	64.6	65.6	66.0	67.5	67.5	67.9	68.4	68.4	68.4	68.4
GE 14000	1.4	35.8	49.5	55.2	58.0	60.4	64.6	65.6	66.0	67.5	67.5	67.9	68.4	68.4	68.4	68.4
GE 12000	1.4	36.3	50.0	56.1	59.0	61.3	65.6	67.0	67.5	68.9	68.9	69.3	69.8	69.8	69.8	69.8
GE 10000	1.4	38.7	52.8	59.9	63.2	65.6	69.8	71.2	71.7	73.1	73.1	73.6	74.1	74.1	74.1	74.1
GE 9000	1.4	39.2	53.3	60.4	63.7	66.0	70.3	71.7	72.2	73.6	73.6	74.1	74.5	74.5	74.5	74.5
GE 8000	1.4	41.5	56.1	63.2	66.5	68.9	73.1	75.0	75.5	76.9	76.9	77.4	77.8	77.8	77.8	77.8
GE 7000	1.4	41.5	56.1	63.2	66.5	68.9	73.1	75.0	75.5	76.9	76.9	77.4	77.8	77.8	77.8	77.8
GE 6000	1.4	42.0	56.6	63.7	67.0	69.3	73.6	75.5	75.9	77.4	77.4	77.8	78.3	78.3	78.3	78.3
GE 5000	1.4	42.5	57.5	64.6	67.9	70.3	74.5	76.4	76.9	78.3	78.3	78.8	79.2	79.2	79.2	79.2
GE 4500	1.4	42.5	57.5	64.6	67.9	70.3	74.5	76.4	76.9	78.3	78.3	78.8	79.2	79.2	79.2	79.2
GE 4000	1.4	43.9	59.4	66.5	70.3	72.6	76.9	78.8	79.2	80.7	80.7	81.1	81.6	81.6	81.6	81.6
GE 3500	1.4	44.3	60.4	67.5	71.2	73.6	77.8	79.7	80.2	81.6	81.6	82.1	82.5	82.5	82.5	82.5
GE 3000	1.4	46.2	62.3	69.8	74.1	76.4	80.7	82.5	83.0	84.4	84.4	84.9	85.4	85.4	85.4	85.4
GE 2500	1.4	46.2	63.2	70.8	75.0	77.4	81.6	83.5	84.0	85.4	85.4	85.8	86.3	86.3	86.3	86.3
GE 2000	1.4	46.2	63.2	71.2	75.5	77.8	82.1	84.0	84.4	85.8	85.8	86.3	86.8	86.8	86.8	86.8
GE 1800	1.4	46.7	63.7	71.7	75.9	78.3	82.5	84.4	84.9	86.3	86.3	86.8	87.3	87.3	87.3	87.3
GE 1500	1.9	48.1	65.6	73.6	77.8	80.2	84.4	86.3	86.8	88.2	88.2	88.7	89.2	89.2	89.2	89.2
GE 1200	2.4	48.6	66.0	74.5	79.2	81.6	85.8	87.7	88.2	89.6	89.6	90.1	90.6	90.6	90.6	90.6
GE 1000	2.4	49.1	67.0	75.5	80.2	83.0	87.3	89.2	89.6	91.0	91.0	91.5	92.0	92.0	92.0	92.0
GE 900	2.4	49.5	67.5	75.9	81.6	84.4	88.7	90.6	91.0	92.5	92.5	92.9	93.4	93.4	93.4	93.4
GE 800	2.4	49.5	67.5	75.9	82.1	84.9	89.2	91.0	91.5	92.9	92.9	93.4	93.9	93.9	93.9	93.9
GE 700	2.4	50.5	68.4	76.9	83.0	85.8	90.1	92.0	92.5	93.9	93.9	94.3	94.8	94.8	94.8	94.8
GE 600	2.4	50.5	68.9	77.4	83.5	86.3	90.6	92.5	92.9	94.3	94.3	94.8	95.3	95.3	95.3	95.3
GE 500	2.4	50.5	69.8	78.8	85.4	88.2	92.5	94.8	95.3	96.7	96.7	97.2	97.6	97.6	97.6	97.6
GE 400	2.4	50.9	70.3	79.2	86.3	89.2	93.9	96.2	96.7	98.1	98.1	98.6	99.1	99.1	99.1	99.1
GE 300	2.4	50.9	70.3	79.2	86.3	89.2	93.9	96.2	96.7	98.1	98.1	98.6	99.1	99.1	99.1	99.1
GE 200	2.4	50.9	70.3	79.2	86.3	89.2	93.9	96.2	96.7	98.1	98.1	98.6	99.1	99.1	99.5	100.0
GE 100	2.4	50.9	70.3	79.2	86.3	89.2	93.9	96.2	96.7	98.1	98.1	98.6	99.1	99.1	99.5	100.0
GE 0	2.4	50.9	70.3	79.2	86.3	89.2	93.9	96.2	96.7	98.1	98.1	98.6	99.1	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 712

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	3.4	35.2	41.9	46.2	49.6	51.1	52.9	54.1	54.4	54.9	54.9	54.9	55.1	55.1	55.1	55.4
GE 20000	3.4	37.2	44.2	48.9	52.8	54.4	56.4	57.7	58.0	58.4	58.4	58.4	58.7	58.7	58.7	59.1
GE 18000	3.4	37.3	44.3	49.0	52.9	54.6	56.6	57.8	58.1	58.6	58.6	58.6	58.8	58.8	58.8	59.2
GE 16000	3.4	37.3	44.4	49.1	53.0	54.7	56.7	57.9	58.2	58.7	58.7	58.7	58.9	58.9	58.9	59.3
GE 14000	3.4	37.8	44.9	49.7	53.7	55.3	57.3	58.6	58.9	59.3	59.3	59.3	59.6	59.6	59.6	60.0
GE 12000	3.6	39.1	46.4	51.6	55.7	57.3	59.4	60.7	61.0	61.6	61.6	61.6	61.8	61.8	61.8	62.2
GE 10000	3.7	40.9	49.1	54.9	59.1	60.9	63.1	64.6	65.0	65.6	65.6	65.7	66.0	66.0	66.0	66.4
GE 9000	3.7	41.3	49.7	55.4	59.9	61.8	64.1	65.7	66.1	66.7	66.7	66.8	67.1	67.1	67.1	67.6
GE 8000	3.7	43.6	52.9	58.9	63.3	65.6	67.9	69.4	70.0	70.7	70.7	70.8	71.2	71.2	71.2	71.7
GE 7000	3.7	43.6	52.9	59.1	63.8	66.0	68.3	69.9	70.4	71.1	71.1	71.2	71.7	71.7	71.7	72.1
GE 6000	3.7	44.2	54.0	60.3	65.1	67.3	69.7	71.3	71.9	72.6	72.6	72.7	73.1	73.1	73.1	73.6
GE 5000	3.7	44.8	54.9	61.3	66.2	68.4	70.8	72.4	73.0	73.7	73.7	73.8	74.2	74.2	74.2	74.7
GE 4500	3.7	45.4	55.6	62.1	67.1	69.3	71.7	73.3	73.9	74.6	74.6	74.7	75.1	75.1	75.1	75.6
GE 4000	3.7	45.9	56.4	63.0	68.2	70.4	72.8	74.4	75.0	75.7	75.7	75.8	76.2	76.2	76.2	76.7
GE 3500	3.7	46.4	57.0	63.6	69.2	71.4	73.9	75.6	76.1	76.8	76.8	76.9	77.3	77.3	77.3	77.8
GE 3000	3.8	47.2	57.9	64.7	70.2	72.4	75.0	76.7	77.2	77.9	77.9	78.0	78.4	78.4	78.4	78.9
GE 2500	3.8	48.3	59.2	66.2	71.8	74.0	76.6	78.2	78.8	79.4	79.4	79.6	80.0	80.1	80.1	80.6
GE 2000	3.8	49.6	60.6	67.6	73.1	75.3	77.9	79.6	80.1	80.8	80.8	80.9	81.3	81.4	81.4	81.9
GE 1800	4.0	50.0	61.1	68.1	73.7	75.9	78.4	80.1	80.7	81.3	81.3	81.4	81.9	82.0	82.0	82.4
GE 1600	4.0	51.1	62.3	69.4	75.0	77.2	79.9	81.6	82.1	82.8	82.8	82.9	83.3	83.4	83.4	83.9
GE 1400	4.1	52.0	63.3	70.4	76.0	78.2	81.0	82.7	83.2	83.9	83.9	84.0	84.4	84.6	84.6	85.0
GE 1200	4.1	53.0	64.9	72.1	77.9	80.1	82.9	84.9	85.4	86.1	86.1	86.2	86.7	86.8	86.8	87.2
GE 1000	4.1	54.6	66.8	74.3	80.2	82.4	85.2	87.3	88.0	88.7	88.7	88.8	89.2	89.3	89.3	89.8
GE 900	4.1	54.8	67.1	75.0	80.9	83.1	86.0	88.1	88.8	89.4	89.6	89.7	90.1	90.2	90.2	90.7
GE 800	4.1	55.9	68.6	76.9	82.8	85.3	88.2	90.3	91.0	91.7	91.8	91.9	92.3	92.4	92.4	92.9
GE 700	4.1	56.6	69.2	77.8	84.0	86.7	89.7	91.9	92.6	93.2	93.3	93.4	93.9	94.0	94.0	94.4
GE 600	4.1	56.9	70.0	78.8	85.4	88.1	91.2	93.7	94.6	95.2	95.3	95.4	95.9	96.0	96.0	96.4
GE 500	4.1	56.9	70.0	78.9	86.0	88.7	92.2	95.1	95.0	96.7	96.9	97.0	97.5	97.7	97.7	98.3
GE 400	4.1	56.9	70.0	78.9	86.1	88.8	92.3	95.7	96.6	97.3	97.7	97.8	98.6	98.7	98.7	99.4
GE 300	4.1	56.9	70.0	78.9	86.1	88.8	92.3	95.7	96.6	97.3	97.8	97.9	98.7	98.9	99.1	99.9
GE 200	4.1	56.9	70.0	78.9	86.1	88.8	92.3	95.7	96.6	97.3	97.8	97.9	98.7	98.9	99.1	100.0
GE 0	4.1	56.9	70.0	78.9	86.1	88.8	92.3	95.7	96.6	97.3	97.8	97.9	98.7	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET		GE 10	GE 6	GE 5	GF 4	GE 3	GF 2 1/2	GE 2	GF 1 1/2	GE 1 1/4	GE 1	GE 3/4	GF 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1	7.2	50.6	54.0	55.9	56.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 20000	7.8	54.8	58.4	60.6	61.3	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GF 18000	7.9	55.0	58.8	60.9	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 16000	7.9	55.2	59.0	61.2	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 14000	8.0	55.3	59.1	61.3	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 12000	8.1	57.2	61.3	63.6	64.3	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 10000	8.8	61.2	66.0	68.4	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GF 9000	9.9	61.7	66.6	69.0	70.2	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GF 8000	9.2	64.2	69.6	72.1	73.3	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 7000	9.2	64.4	69.9	72.4	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GF 6000	9.3	65.0	70.7	73.2	74.4	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 5000	9.3	65.7	71.3	73.9	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GF 4500	9.6	66.1	72.1	74.8	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
GE 4000	9.8	67.2	73.4	76.2	77.4	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3500	10.4	68.4	74.7	77.6	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 3000	10.9	70.4	76.7	79.6	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 2500	10.9	73.0	79.7	82.7	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 2000	11.1	75.0	81.8	84.9	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GF 1900	11.1	75.2	82.0	85.2	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1500	11.3	78.6	86.0	89.2	90.6	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1200	11.4	80.4	88.3	92.0	93.6	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GF 1000	11.4	81.6	89.8	93.4	95.2	95.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 900	11.4	82.0	90.7	94.3	96.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GF 800	11.4	82.0	90.8	94.6	96.6	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GF 700	11.7	82.2	91.0	94.8	96.8	97.1	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GF 600	11.8	82.6	91.4	95.3	97.4	97.8	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	11.8	82.8	91.8	95.7	97.9	98.2	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GF 400	11.8	82.8	91.8	95.8	98.1	98.4	99.4	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	11.8	82.8	91.8	95.8	98.1	98.4	99.4	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	11.8	82.8	91.8	95.8	98.1	98.4	99.4	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GF 100	11.8	82.8	91.8	95.8	98.1	98.4	99.4	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GF 0	11.8	82.8	91.8	95.8	98.1	98.4	99.4	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	9.9	50.2	52.4	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 20000	11.0	57.8	60.0	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
GE 18000	11.0	57.8	60.1	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 16000	11.0	57.9	60.2	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 14000	11.6	58.9	61.6	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 12000	12.3	60.9	63.6	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
GE 10000	13.2	64.7	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 9000	13.3	65.1	67.8	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
GE 8000	13.9	69.1	72.3	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
GE 7000	14.0	69.8	73.0	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 6000	14.6	70.3	73.6	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
GE 5000	14.7	70.6	73.8	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
GE 4500	14.7	71.0	74.2	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 4000	15.0	74.1	77.6	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 3500	15.6	78.8	82.3	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 3000	17.2	85.4	89.0	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 2500	17.6	87.2	90.9	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4
GE 2000	17.7	88.7	92.6	93.7	94.1	94.2	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
GE 1800	17.7	88.9	92.9	94.0	94.6	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1500	17.7	89.6	93.9	95.0	95.6	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1200	17.7	90.0	94.1	95.3	96.0	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1000	17.8	90.7	94.9	96.2	96.9	97.0	97.1	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 900	18.0	91.1	95.3	96.7	97.3	97.4	97.8	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	18.1	91.4	95.7	97.1	97.7	98.2	98.3	98.7	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1
GE 700	18.1	91.4	95.7	97.2	98.1	98.4	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	18.1	91.4	95.7	97.2	98.4	98.6	98.9	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	18.1	91.6	95.9	97.4	98.0	99.0	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	18.1	91.6	95.9	97.4	98.8	99.0	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	18.1	91.6	95.9	97.4	98.3	99.0	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	18.1	91.6	95.9	97.4	98.8	99.0	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	18.1	91.6	95.9	97.4	98.8	99.0	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	18.1	91.6	95.9	97.4	98.8	99.0	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 1500-1700

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	VISIBILITY IN STATUTE MILES												
							GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0			
NO CEIL	11.8	52.3	54.3	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8			
GE 20000	14.7	63.4	65.7	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2			
GE 18000	14.8	63.8	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			
GE 16000	14.8	63.8	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			
GE 14000	14.9	64.9	67.3	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9			
GE 12000	15.4	68.2	70.9	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			
GE 10000	16.4	71.9	74.6	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3			
GE 9000	16.4	72.2	75.0	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8			
GE 8000	16.9	78.2	81.3	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1			
GE 7000	16.9	78.6	81.7	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			
GE 6000	17.0	79.0	82.1	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			
GE 5000	17.3	80.0	83.2	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0			
GE 4500	17.4	80.7	83.9	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			
GE 4000	18.1	83.1	86.3	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2			
GE 3500	18.6	85.0	88.4	89.3	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6			
GE 3000	19.1	88.7	92.3	93.3	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8			
GE 2500	19.7	89.8	93.4	94.6	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1			
GE 2000	19.7	90.1	94.0	95.1	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8			
GE 1800	19.7	90.2	94.1	95.2	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0			
GE 1500	19.9	91.0	94.9	96.0	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0			
GE 1200	20.1	91.6	95.4	96.6	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6			
GE 1000	20.2	92.2	96.1	97.2	97.9	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4			
GE 900	20.3	92.7	96.6	97.7	98.3	98.4	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0			
GE 800	20.3	92.8	96.7	97.8	98.6	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2			
GE 700	20.3	92.9	96.8	97.9	98.7	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3			
GE 600	20.3	93.0	97.0	98.1	98.9	99.0	99.3	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7			
GE 500	20.3	93.0	97.2	98.3	99.1	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9			
GE 400	20.3	93.0	97.2	98.3	99.1	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0			
GE 300	20.3	93.0	97.2	98.3	99.1	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0			
GE 200	20.3	93.0	97.2	98.3	99.1	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0			
GE 100	20.3	93.0	97.2	98.3	99.1	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0			
GE 0	20.3	93.0	97.2	98.3	99.1	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0			

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(IST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	8.6	54.8	58.6	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	
GE 20000	10.6	64.5	68.6	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	
GE 18000	10.6	64.5	68.6	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	
GE 16000	10.6	64.5	68.6	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	
GE 14000	10.6	65.1	69.2	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	
GE 12000	11.1	68.5	72.7	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	
GE 10000	12.0	73.5	78.3	79.2	79.5	79.5	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	
GE 9000	12.0	74.2	79.1	80.0	80.3	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	
GE 8000	12.6	78.5	83.4	84.5	84.9	84.9	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	
GE 7000	12.8	79.1	84.0	85.1	85.4	85.4	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	
GE 6000	13.0	79.9	84.8	85.9	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	
GE 5000	13.5	81.1	86.0	87.1	87.4	87.4	87.5	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	
GE 4500	13.7	82.2	87.1	88.2	88.5	88.5	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	
GE 4000	13.9	83.4	88.3	89.4	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
GE 3500	14.1	84.5	89.5	91.1	91.4	91.4	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	
GE 3000	14.2	86.2	91.3	92.9	93.3	93.3	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	
GE 2500	14.2	87.1	92.2	93.8	94.2	94.2	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	
GE 2000	14.2	87.9	93.2	94.8	95.2	95.2	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	
GE 1800	14.2	88.1	93.4	95.0	95.8	95.8	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	
GE 1600	14.2	88.4	93.8	95.3	96.1	96.1	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
GE 1400	14.2	88.8	94.1	95.8	96.6	96.6	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	
GE 1200	14.2	89.2	94.7	96.7	97.4	97.4	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
GE 1000	14.2	89.2	94.8	96.9	97.7	97.7	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
GE 900	14.2	89.2	94.9	97.0	97.8	97.8	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 800	14.2	89.3	95.0	97.1	98.0	98.0	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
GE 700	14.2	89.5	95.2	97.6	98.4	98.4	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 600	14.2	89.5	95.2	97.6	98.6	98.6	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 500	14.2	89.5	95.2	97.6	98.6	98.6	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	14.2	89.5	95.2	97.6	98.6	98.6	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	14.2	89.5	95.2	97.6	98.6	98.6	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	14.2	89.5	95.2	97.6	98.6	98.6	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	14.2	89.5	95.2	97.6	98.6	98.6	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	14.2	89.5	95.2	97.6	98.6	98.6	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 999

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/2	GE 2	GE 2 1/2	GE 3	GE 3 1/2	GE 4	GE 4 1/2	GE 5	GE 5 1/2	GE 6	GE 6 1/2	GE 7	GE 7 1/2	GE 8	GE 8 1/2
NO CEIL	8.3	62.1	66.0	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
GE 20000	8.9	70.2	74.4	74.7	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 18000	8.9	70.2	74.4	74.7	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 16000	8.9	70.2	74.4	74.7	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 14000	8.9	70.6	75.0	75.4	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 12000	9.4	73.7	78.3	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 10000	9.8	77.9	82.8	83.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 9000	9.8	79.0	84.0	84.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 8000	10.4	82.0	86.9	87.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 7000	10.4	82.0	86.9	87.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 6000	10.4	82.3	87.3	87.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 5000	11.1	83.6	88.6	89.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 4500	11.1	84.5	89.4	90.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 4000	11.4	85.5	90.4	91.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 3500	11.4	86.6	91.7	92.7	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3000	11.4	86.6	91.7	92.7	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 2500	11.4	87.1	92.2	93.2	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2000	11.4	87.8	93.1	94.2	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1800	11.4	87.8	93.1	94.2	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1500	11.4	87.8	93.2	94.4	95.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1200	11.4	88.1	93.6	94.7	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1000	11.4	88.9	94.5	95.9	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	11.4	88.9	94.7	96.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	11.4	89.4	95.2	96.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	11.4	89.4	95.2	96.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	11.4	89.4	95.2	96.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	11.4	89.4	95.2	96.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	11.4	89.4	95.2	96.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	11.4	89.4	95.2	96.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 200	11.4	89.4	95.2	96.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 100	11.4	89.4	95.2	96.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 0	11.4	89.4	95.2	96.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS: 405

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 76-84
MONTH: OCT HOURS(IST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	13.4	51.0	58.2	61.3	61.3	62.4	63.4	63.4	63.4	63.4	63.4	63.4	63.9	63.9	63.9	64.4		
GE 20000	13.9	54.1	61.3	64.4	64.4	65.5	66.5	66.5	66.5	66.5	66.5	66.5	67.0	67.0	67.0	67.5		
GE 18000	13.9	54.1	61.3	64.4	64.4	65.5	66.5	66.5	66.5	66.5	66.5	66.5	67.0	67.0	67.0	67.5		
GE 16000	13.9	54.1	61.3	64.4	64.4	65.5	66.5	66.5	66.5	66.5	66.5	66.5	67.0	67.0	67.0	67.5		
GE 14000	13.9	54.1	61.3	64.4	64.4	65.5	66.5	66.5	66.5	66.5	66.5	66.5	67.0	67.0	67.0	67.5		
GE 12000	13.9	54.6	61.9	65.5	65.5	66.5	67.5	67.5	67.5	67.5	67.5	67.5	68.0	68.0	68.0	68.6		
GE 10000	13.9	54.6	62.9	67.0	67.0	68.0	69.1	69.1	69.1	69.1	69.1	69.1	69.6	69.6	69.6	70.1		
GE 9000	13.9	55.7	63.9	68.0	68.0	69.1	70.1	70.1	70.1	70.1	70.1	70.1	70.6	70.6	70.6	71.1		
GE 8000	13.9	57.2	67.0	71.1	71.1	72.2	73.2	73.2	73.2	73.2	73.2	73.2	73.7	73.7	73.7	74.2		
GE 7000	13.9	57.2	67.0	71.6	71.6	72.7	73.7	73.7	73.7	73.7	73.7	73.7	74.2	74.2	74.2	74.7		
GE 6000	13.9	57.7	67.5	72.2	72.2	73.2	74.2	74.2	74.2	74.2	74.2	74.2	74.7	74.7	74.7	75.3		
GE 5000	13.9	59.3	69.6	74.2	74.2	75.3	76.3	76.3	76.3	76.3	76.3	76.3	76.8	76.8	76.8	77.3		
GE 4500	13.9	59.8	70.1	75.3	75.3	76.3	77.3	77.3	77.3	77.3	77.3	77.3	77.8	77.8	77.8	78.4		
GE 4000	13.9	60.3	70.6	75.8	75.8	76.8	77.8	77.8	77.8	77.8	77.8	77.8	78.4	78.4	78.4	78.9		
GE 3500	13.9	60.3	70.6	75.8	75.8	76.8	77.8	77.8	77.8	77.8	77.8	77.8	78.4	78.4	78.4	78.9		
GE 3000	13.9	60.8	71.6	76.8	76.8	77.8	78.9	78.9	78.9	78.9	78.9	78.9	79.4	79.4	79.4	79.9		
GE 2500	14.4	62.9	74.7	79.9	79.9	80.9	82.0	82.0	82.0	82.0	82.0	82.0	82.5	82.5	82.5	83.0		
GE 2000	14.9	64.4	76.8	82.5	82.5	84.0	85.1	85.1	85.1	85.1	85.1	85.1	85.6	85.6	85.6	86.1		
GE 1800	14.9	64.4	76.8	82.5	82.5	84.0	85.1	85.1	85.1	85.1	85.1	85.1	85.6	85.6	85.6	86.1		
GE 1500	14.9	66.0	78.9	84.5	84.5	86.1	87.1	87.1	87.1	87.1	87.1	87.1	87.6	87.6	87.6	88.1		
GE 1200	14.9	67.0	80.4	86.1	86.6	88.1	89.2	89.2	89.2	89.2	89.2	89.2	89.7	89.7	89.7	90.2		
GE 1000	14.9	67.5	80.9	86.6	87.6	89.2	90.2	90.2	90.2	90.2	90.2	90.2	90.7	90.7	90.7	91.2		
GE 900	14.9	68.0	82.0	87.6	88.7	90.2	91.2	91.2	91.2	91.2	91.2	91.2	91.8	91.8	91.8	92.3		
GE 800	14.9	68.0	82.5	88.1	89.2	90.7	91.8	91.8	91.8	91.8	91.8	91.8	92.3	92.3	92.3	92.8		
GE 700	14.9	68.0	82.5	88.1	89.7	91.2	92.3	92.3	92.3	92.3	92.3	92.3	92.8	92.8	92.8	93.3		
GE 600	14.9	68.6	83.5	89.2	91.2	92.8	94.8	94.8	94.8	94.8	94.8	94.8	95.4	95.4	95.4	95.9		
GE 500	14.9	68.6	83.5	89.2	91.2	92.8	94.8	94.8	94.8	94.8	94.8	94.8	95.4	95.4	95.4	95.9		
GE 400	14.9	68.6	83.5	89.2	91.8	93.3	95.4	95.9	95.9	95.9	95.9	95.9	96.4	96.4	96.4	96.9		
GE 300	14.9	68.6	83.5	89.2	92.3	93.8	95.9	96.4	96.4	96.4	96.4	96.4	96.9	96.9	96.9	97.4		
GE 200	14.9	68.6	83.5	89.2	92.3	93.8	95.9	96.9	96.9	96.9	96.9	96.9	97.9	97.9	97.9	98.4		
GE 100	14.9	68.6	83.5	89.2	92.3	93.8	95.9	96.9	96.9	96.9	96.9	96.9	97.9	97.9	97.9	98.4		
GE 0	14.9	68.6	83.5	89.2	92.3	93.8	95.9	96.9	96.9	96.9	96.9	96.9	97.9	97.9	97.9	98.4		

TOTAL NUMBER OF OBSERVATIONS: 194

GLOBAL CLIMATOLOGY BRANCH
USAF/CLTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	10.2	43.7	49.5	53.2	56.2	57.3	59.0	60.1	63.3	60.8	61.1	61.1	61.7	61.7	61.7	61.8
GE 20000	10.3	46.6	52.8	56.9	59.9	61.0	62.9	63.9	64.2	64.6	64.9	64.9	65.6	65.6	65.6	65.7
GE 18000	10.3	46.6	52.8	56.9	60.0	61.1	63.0	64.1	64.3	64.7	65.0	65.0	65.7	65.7	65.7	65.8
GE 16000	10.3	46.6	52.8	56.9	60.0	61.1	63.0	64.1	64.3	64.7	65.0	65.0	65.7	65.7	65.7	65.8
GE 14000	10.3	46.6	52.8	56.9	60.0	61.1	63.0	64.1	64.3	64.7	65.0	65.0	65.7	65.7	65.7	65.8
GE 12000	10.5	47.2	53.4	57.4	60.6	61.7	63.5	64.6	64.8	65.3	65.6	65.6	66.2	66.2	66.2	66.3
GE 10000	10.5	48.5	54.7	58.8	62.1	63.2	65.0	66.1	66.3	66.8	67.1	67.1	67.8	67.8	67.8	67.9
GE 9000	10.5	49.0	55.3	59.5	62.7	63.8	65.7	66.8	67.0	67.4	67.8	67.8	68.4	68.4	68.4	68.5
GE 8000	10.6	51.1	57.6	61.8	65.1	66.3	68.2	69.5	69.7	70.2	70.5	70.5	71.1	71.1	71.1	71.2
GE 7000	10.6	51.1	57.6	61.9	65.3	66.4	68.3	69.6	69.8	70.3	70.6	70.6	71.2	71.2	71.2	71.4
GE 6000	10.6	51.9	58.4	62.7	66.3	67.5	69.4	70.8	71.0	71.5	71.8	71.8	72.4	72.4	72.4	72.5
GE 5000	10.8	53.4	60.0	64.4	68.3	69.5	71.4	72.8	73.0	73.4	73.7	73.7	74.4	74.4	74.4	74.5
GE 4500	10.8	53.5	60.3	64.7	68.6	69.8	71.9	73.3	73.5	74.0	74.3	74.3	74.9	74.9	74.9	75.1
GE 4000	10.8	54.0	60.9	65.3	69.2	70.5	72.5	74.0	74.2	74.6	74.9	74.9	75.6	75.6	75.6	75.7
GE 3500	10.8	54.4	61.3	65.7	69.6	70.9	73.0	74.5	74.7	75.2	75.5	75.5	76.1	76.1	76.1	76.3
GE 3000	10.9	55.2	62.2	66.6	70.5	71.8	74.0	75.5	75.7	76.1	76.5	76.5	77.2	77.2	77.2	77.3
GE 2500	10.9	56.5	63.8	68.3	72.3	73.6	75.8	77.3	77.6	78.0	78.3	78.3	79.1	79.1	79.1	79.2
GE 2000	11.2	58.4	65.9	70.5	74.9	76.3	78.4	80.1	80.3	80.7	81.0	81.0	81.8	81.8	81.8	81.9
GE 1800	11.2	59.2	66.7	71.2	75.6	77.0	79.2	80.8	81.0	81.5	81.8	81.8	82.6	82.6	82.6	82.7
GE 1500	11.3	60.5	68.5	73.3	77.9	79.3	81.5	83.1	83.3	83.8	84.1	84.1	84.9	84.9	84.9	85.0
GE 1200	11.4	62.4	70.7	75.6	80.5	81.9	84.3	85.9	86.2	86.6	86.9	86.9	87.7	87.7	87.7	87.8
GE 1000	11.4	63.9	72.4	77.3	82.5	83.9	86.3	87.9	88.1	88.6	88.9	88.9	89.7	89.7	89.7	89.8
GE 900	11.4	64.8	73.5	78.4	83.6	85.0	87.5	89.1	89.3	89.8	90.1	90.1	90.8	90.8	90.8	91.0
GE 800	11.4	65.6	74.7	80.2	85.4	86.9	89.7	91.4	91.6	92.0	92.4	92.4	93.1	93.1	93.1	93.2
GE 700	11.4	65.7	75.2	80.8	86.4	88.0	90.7	92.6	92.8	93.2	93.6	93.6	94.3	94.3	94.3	94.4
GE 600	11.4	66.1	75.7	81.6	87.3	88.9	91.8	93.8	94.0	94.4	94.8	94.8	95.6	95.6	95.6	95.8
GE 500	11.4	66.7	76.3	82.1	88.0	89.7	92.9	94.9	95.1	95.5	95.9	95.9	96.7	96.7	96.7	96.8
GE 400	11.4	66.7	76.3	82.1	88.2	89.9	93.7	95.6	96.0	96.5	96.8	96.8	97.8	97.8	97.8	97.9
GE 300	11.4	66.7	76.4	82.2	88.3	90.0	93.8	96.0	96.4	96.9	97.3	97.4	98.6	98.6	98.6	98.8
GE 200	11.4	66.7	76.4	82.2	88.3	90.0	93.8	96.0	96.4	97.1	97.7	97.9	99.1	99.1	99.1	99.5
GE 100	11.4	66.7	76.4	82.2	88.3	90.0	93.8	96.0	96.4	97.2	97.8	98.0	99.3	99.3	99.3	99.8
GE 0	11.4	66.7	76.4	82.2	88.3	90.0	93.8	96.0	96.4	97.2	97.8	98.0	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 918

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	1	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	50
NO CEIL	14.8	59.1	61.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 20000	15.2	63.9	66.2	67.2	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 18000	15.2	64.0	66.3	67.3	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 16000	15.2	64.2	66.6	67.5	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 14000	15.2	64.2	66.6	67.5	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 12000	15.2	64.6	67.2	68.2	68.5	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
GE 10000	15.2	67.1	69.5	70.4	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 9000	15.2	67.4	69.8	70.8	71.1	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
GE 8000	15.2	69.1	71.7	72.7	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 7000	15.2	69.4	72.0	72.9	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 6000	15.2	69.8	72.5	73.7	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 5000	15.2	71.1	73.8	75.0	75.3	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
GE 4500	15.4	71.4	74.1	75.3	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 4000	15.4	72.4	75.1	76.3	76.6	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
GE 3500	15.4	72.8	75.6	76.8	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 3000	15.6	74.5	77.6	78.7	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 2500	15.7	76.7	79.7	81.0	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 2000	15.9	78.4	81.6	82.8	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1800	16.0	79.8	83.0	84.3	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1500	16.2	82.4	85.7	87.1	87.4	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
GE 1200	16.2	84.3	87.7	89.2	90.0	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1000	16.2	86.0	90.1	91.8	92.6	93.0	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 900	16.2	87.1	91.2	93.1	94.1	94.5	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 800	16.2	87.7	92.1	94.3	95.4	95.8	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 700	16.2	88.5	93.2	95.6	96.7	97.1	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 600	16.2	88.7	93.7	96.1	97.2	97.7	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	16.2	88.8	93.9	96.2	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	16.2	89.0	94.2	96.5	97.8	98.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	16.2	89.0	94.2	96.5	97.8	98.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	16.2	89.0	94.2	96.5	97.8	98.5	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	16.2	89.0	94.2	96.5	97.8	98.5	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	16.2	89.0	94.2	96.5	97.8	98.5	99.2	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: 327

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 1500-1700

CEILING FEET	VISIBILITY IN STATUTE MILES																	
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0		
NO CEIL	28.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 20000	30.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 18000	31.0	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	60.7	60.7
GE 16000	31.1	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.3	60.8	60.8	60.8
GE 14000	32.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 12000	32.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 10000	33.5	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 9000	33.5	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	68.3	68.3	68.3
GE 8000	33.8	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 7000	33.8	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 6000	33.8	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 5000	34.1	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 4000	34.4	72.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 3000	34.8	75.1	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 2500	35.4	77.0	77.5	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 2000	37.1	81.0	81.6	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 1500	37.1	83.7	84.7	85.0	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1000	38.0	85.8	86.8	87.3	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 800	38.1	86.5	87.6	88.1	88.6	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 600	38.4	88.0	89.1	89.8	90.3	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 400	38.7	89.8	91.2	91.9	92.4	92.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 300	39.8	90.4	91.8	92.5	93.3	93.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 200	38.8	90.8	92.6	93.5	94.4	94.7	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 100	38.8	91.2	93.0	93.9	94.9	95.2	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 50	38.8	91.3	93.1	94.0	95.1	95.5	96.9	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 20	38.8	91.4	93.3	94.1	95.2	95.6	97.2	97.5	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 10	38.8	91.5	93.4	94.4	95.6	96.3	97.9	98.3	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 5	38.8	91.5	93.6	94.6	96.0	96.7	98.3	98.7	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2	38.8	91.5	93.6	94.6	96.0	96.7	98.5	98.9	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1	38.8	91.5	93.6	94.6	96.0	96.7	98.5	98.9	98.9	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 0	38.8	91.7	93.8	94.7	96.1	96.6	98.7	99.0	99.0	99.1	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CLIL	27.9	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 20000	26.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 18000	26.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 16000	26.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 14000	27.2	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 12000	28.0	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 10000	29.6	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 9000	29.7	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 8000	29.0	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 7000	29.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 6000	29.4	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 5000	29.9	68.7	68.7	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
GE 4500	30.3	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 4000	30.6	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 3500	31.1	74.6	74.6	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 3000	32.5	79.2	79.5	79.6	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 2500	33.2	82.3	82.6	83.0	83.4	83.4	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 2000	33.6	85.3	85.5	86.5	87.0	87.1	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1800	33.7	86.3	86.5	87.5	87.9	88.1	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1500	33.7	87.9	88.6	89.7	90.4	90.7	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1200	34.1	89.0	89.7	90.9	91.8	92.0	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1000	34.2	90.2	90.9	92.2	93.2	93.4	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 900	34.2	90.6	91.3	92.7	93.7	93.9	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 800	34.3	90.8	91.8	93.4	94.4	94.7	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 700	34.3	91.0	92.0	93.8	94.7	95.1	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 600	34.3	91.5	92.7	94.5	95.5	95.9	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 500	34.3	91.6	93.0	94.9	95.9	96.5	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	34.3	91.8	93.2	95.1	96.5	97.1	98.1	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	34.3	91.8	93.2	95.1	96.8	97.4	98.3	98.9	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.3
GE 200	34.3	91.8	93.2	95.1	96.8	97.4	98.3	98.9	98.9	98.9	99.4	99.5	99.5	99.6	99.8	100.0
GE 100	34.3	91.8	93.2	95.1	96.8	97.4	98.3	98.9	98.9	98.9	99.4	99.5	99.5	99.6	99.8	100.0
GE 0	34.3	91.8	93.2	95.1	96.8	97.4	98.3	98.9	98.9	98.9	99.4	99.5	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 937

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(IST): 0900-1100

CEILING IN FEET	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	16.6	44.2	46.5	47.4	47.6	47.8	47.8	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	48.0
GE 20000	18.7	50.3	52.6	53.6	53.9	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.4
GE 18000	18.7	50.7	52.9	54.0	54.2	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8
GE 16000	18.7	50.7	53.0	54.1	54.3	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9
GE 14000	18.7	51.0	53.4	54.4	54.7	55.0	55.0	55.0	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3
GE 12000	19.1	52.9	55.3	56.3	56.6	56.9	56.9	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2
GE 10000	19.8	55.2	57.7	58.8	59.1	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.7
GE 9000	19.9	55.3	57.8	59.0	59.2	59.5	59.5	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8
GE 8000	20.4	56.9	59.4	60.6	60.9	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4
GE 7000	20.4	57.8	60.3	61.4	61.7	62.0	62.0	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.3
GE 6000	20.6	58.4	60.9	62.0	62.3	62.6	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9
GE 5000	20.9	59.4	61.9	63.1	63.5	63.8	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.1
GE 4500	20.9	61.2	63.7	64.9	65.2	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8
GE 4000	21.7	63.5	66.0	67.4	67.9	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4
GE 3500	21.9	65.6	68.1	69.5	70.0	70.3	70.3	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6
GE 3000	22.2	68.4	70.9	72.6	73.1	73.4	73.4	73.4	73.4	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.8
GE 2500	23.8	71.2	73.8	75.4	75.9	76.3	76.4	76.4	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.7
GE 2000	23.3	73.8	76.4	78.1	78.5	78.9	79.0	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5
GE 1800	23.6	75.7	78.3	80.0	80.4	80.8	80.9	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4
GE 1500	24.0	78.8	81.7	83.4	83.9	84.2	84.3	84.5	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.9
GE 1200	24.0	80.5	83.9	85.5	86.0	86.4	86.5	86.7	86.8	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.3
GE 1000	24.0	81.6	85.2	87.0	87.4	87.8	87.9	88.1	88.3	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.7
GE 900	24.0	82.7	86.5	88.5	89.0	89.3	89.4	89.7	89.8	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.3
GE 800	24.0	84.0	88.0	90.0	90.5	90.9	91.1	91.3	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.9
GE 700	24.0	84.8	89.4	91.8	92.3	92.6	92.9	93.1	93.2	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.7
GE 600	24.0	85.3	90.0	92.4	93.2	93.6	94.0	94.2	94.3	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.9
GE 500	24.0	85.9	90.6	93.4	94.8	95.1	95.5	96.1	96.2	96.7	96.8	96.9	96.9	96.9	96.9	96.9	97.0
GE 400	24.0	86.1	91.1	94.0	95.8	96.2	96.8	97.6	97.7	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.6
GE 300	24.0	86.1	91.1	94.0	95.8	96.2	96.8	97.7	98.0	98.5	98.8	98.9	98.9	98.9	98.9	98.9	99.1
GE 200	24.0	86.1	91.1	94.0	95.8	96.2	97.0	98.0	98.2	98.7	99.1	99.2	99.4	99.4	99.6	99.8	100.0
GE 100	24.0	86.1	91.1	94.0	95.8	96.2	97.0	98.0	98.2	98.7	99.1	99.2	99.4	99.6	99.8	100.0	100.0
GE 0	24.0	86.1	91.1	94.0	95.8	96.2	97.0	98.0	98.2	98.7	99.1	99.2	99.4	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 943

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	10.9	38.3	40.2	41.7	43.9	44.2	45.2	45.5	45.5	45.8	46.1	46.1	46.2	46.2	46.6	47.3		
GE 20000	11.9	42.6	44.6	46.6	48.6	48.9	49.9	50.2	50.2	50.5	50.8	50.8	50.9	51.1	51.5	52.2		
GE 18000	11.9	42.8	44.8	46.8	48.8	49.1	50.1	50.4	50.4	50.6	50.9	50.9	51.1	51.2	51.6	52.4		
GE 16000	11.9	42.8	44.8	46.8	48.8	49.1	50.1	50.4	50.4	50.6	50.9	50.9	51.1	51.2	51.6	52.4		
GE 14000	11.9	42.9	44.9	46.9	48.9	49.2	50.2	50.5	50.5	50.8	51.1	51.1	51.2	51.4	51.8	52.5		
GE 12000	12.1	44.3	46.3	48.4	50.4	50.6	51.6	51.9	51.9	52.2	52.5	52.5	52.7	52.8	53.2	53.9		
GE 10000	12.6	46.1	48.1	50.1	52.1	52.4	53.4	53.7	53.7	53.9	54.2	54.2	54.4	54.5	54.9	55.7		
GE 9000	12.6	46.1	48.1	50.1	52.1	52.4	53.4	53.7	53.7	53.9	54.2	54.2	54.4	54.5	54.9	55.7		
GE 8000	12.8	47.9	49.9	51.9	53.9	54.2	55.2	55.5	55.5	55.8	56.1	56.1	56.2	56.4	56.8	57.5		
GE 7000	12.8	48.6	50.6	52.7	54.7	54.9	56.0	56.2	56.2	56.5	56.8	56.8	57.0	57.1	57.5	58.2		
GE 6000	12.8	49.1	51.1	53.1	55.1	55.4	56.4	56.7	56.7	57.0	57.2	57.2	57.4	57.5	58.0	58.7		
GE 5000	13.1	51.2	53.2	55.2	57.2	57.5	58.5	58.8	58.8	59.1	59.4	59.4	59.5	59.7	60.1	60.8		
GE 4500	13.5	52.2	54.5	56.5	58.5	59.0	60.1	60.4	60.4	60.7	61.0	61.0	61.1	61.3	61.7	62.4		
GE 4000	13.9	53.5	55.8	57.8	59.8	60.3	61.4	61.7	61.7	62.0	62.3	62.3	62.4	62.6	63.0	63.7		
GE 3500	14.2	55.8	58.1	60.1	62.1	62.6	63.7	64.0	64.0	64.3	64.6	64.6	64.7	64.8	65.3	66.0		
GE 3000	14.8	58.5	60.8	62.8	64.8	65.3	66.4	66.7	66.7	67.0	67.3	67.3	67.4	67.6	68.0	68.7		
GE 2500	15.1	62.0	64.6	66.6	68.6	69.0	70.3	70.6	70.6	70.9	71.2	71.2	71.3	71.4	71.9	72.6		
GE 2000	15.6	64.4	67.0	69.0	71.0	71.4	72.7	73.0	73.0	73.3	73.6	73.6	73.7	73.9	74.3	75.0		
GE 1800	15.8	66.3	68.9	70.9	72.9	73.3	74.6	74.9	74.9	75.2	75.5	75.5	75.6	75.8	76.2	76.9		
GE 1500	15.9	69.7	72.5	74.6	76.8	77.3	78.8	79.1	79.1	79.3	79.6	79.6	79.8	79.9	80.3	81.1		
GE 1200	16.1	71.4	74.3	76.4	79.1	79.6	81.1	81.3	81.3	81.6	81.9	81.9	82.2	82.4	82.8	83.5		
GE 1000	16.1	72.3	75.3	78.0	80.3	80.9	82.4	82.6	82.6	82.9	83.2	83.4	83.6	83.9	84.1	84.4		
GE 900	16.1	72.5	75.6	78.3	80.6	81.3	82.9	83.2	83.4	83.6	83.9	84.1	84.4	84.5	84.9	85.7		
GE 800	16.1	74.5	77.9	80.8	83.6	84.4	86.1	86.4	86.5	86.8	87.1	87.2	87.5	87.7	88.1	88.8		
GE 700	16.1	75.2	78.6	81.8	85.2	85.9	87.7	88.1	88.2	88.5	88.8	89.0	89.2	89.4	89.8	90.5		
GE 600	16.1	75.9	79.6	82.9	86.8	87.7	89.7	90.1	90.2	90.5	90.8	91.0	91.2	91.4	91.8	92.5		
GE 500	16.1	76.3	80.2	83.5	87.4	88.5	90.5	91.1	91.2	91.5	91.8	92.0	92.5	92.7	93.1	93.8		
GE 400	16.1	76.3	80.2	83.5	87.5	88.7	90.8	91.4	91.5	92.3	92.5	92.5	92.7	93.4	93.5	94.0		
GE 300	16.1	76.3	80.2	83.5	87.8	89.2	91.5	92.3	92.5	93.4	93.7	93.8	94.7	94.8	95.4	96.1		
GE 200	16.1	76.3	80.2	83.5	87.8	89.2	92.0	92.8	93.3	94.5	95.0	95.3	96.6	96.8	97.8	98.7		
GE 100	16.1	76.3	80.2	83.5	87.8	89.2	92.0	93.0	93.4	94.7	95.1	95.4	96.8	97.1	98.1	99.3		
GE 0	16.1	76.3	80.2	83.5	87.8	89.2	92.0	93.0	93.4	94.7	95.1	95.4	96.8	97.1	98.3	100.0		

TOTAL NUMBER OF OBSERVATIONS: 697

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	23.8	58.8	59.3	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.8
GE 20000	25.3	64.1	64.5	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	65.1	65.1	65.1	65.1
GE 18000	25.3	64.2	64.6	64.8	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.2	65.2	65.2	65.2
GE 16000	25.3	64.2	64.6	64.8	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.2	65.2	65.2	65.2
GE 14000	25.3	64.2	64.6	64.8	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.2	65.2	65.2	65.2
GE 12000	25.8	65.2	65.6	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.3	66.3	66.3	66.3
GE 10000	25.9	66.1	66.5	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.2	67.2	67.3	67.3
GE 9000	26.0	66.3	66.7	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.4	67.4	67.5	67.5
GE 8000	26.0	67.9	68.4	68.6	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.3	69.3	69.4	69.4
GE 7000	26.0	68.0	68.6	69.3	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	70.0	70.0	70.1	70.1
GE 6000	26.0	68.5	69.2	69.9	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.5	70.5	70.6	70.6
GE 5000	26.1	69.4	70.1	70.8	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.4	71.4	71.5	71.5
GE 4500	26.1	70.8	71.7	72.4	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.1	73.1	73.2	73.2
GE 4000	26.2	72.7	73.5	74.3	74.8	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.2	75.2	75.3	75.3
GE 3500	26.6	74.4	75.4	76.2	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	77.1	77.1	77.2	77.3
GE 3000	26.6	77.0	78.0	78.8	79.2	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.9	79.9	80.0	80.1
GE 2500	26.8	81.1	82.1	83.1	83.6	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.4	84.4	84.5	84.6
GE 2000	27.2	84.4	85.5	86.6	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	88.1	88.1	88.2	88.3
GE 1800	27.2	85.0	86.2	87.3	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.7	88.7	88.8	89.0
GE 1500	27.2	86.9	88.2	89.3	89.7	90.1	91.0	91.0	91.0	91.0	91.0	91.0	91.3	91.3	91.4	91.5
GE 1200	27.2	87.9	89.2	90.3	90.7	91.1	92.0	92.0	92.0	92.0	92.0	92.0	92.3	92.3	92.4	92.5
GE 1000	27.2	88.5	90.0	91.1	91.5	92.0	93.1	93.1	93.1	93.1	93.1	93.1	93.4	93.4	93.5	93.6
GE 900	27.2	89.1	90.8	92.2	92.7	93.2	94.3	94.3	94.3	94.3	94.3	94.3	94.6	94.6	94.8	94.9
GE 800	27.2	89.5	91.5	93.0	93.5	94.0	95.1	95.2	95.3	95.3	95.3	95.3	95.6	95.6	95.8	95.9
GE 700	27.2	90.0	92.0	93.4	94.1	94.5	95.8	95.9	96.0	96.0	96.0	96.0	96.3	96.3	96.4	96.5
GE 600	27.2	90.1	92.1	93.6	94.4	94.9	96.2	96.3	96.4	96.4	96.4	96.4	96.8	96.8	96.9	97.0
GE 500	27.2	90.5	92.7	94.3	95.5	96.0	97.3	97.5	97.7	97.8	97.8	97.8	98.1	98.1	98.2	98.3
GE 400	27.2	90.6	92.9	94.4	95.6	96.1	97.4	97.8	98.0	98.3	98.4	98.4	98.8	98.8	98.9	99.0
GE 300	27.2	90.6	92.9	94.4	95.8	96.2	97.5	97.9	98.2	98.5	98.7	98.7	99.0	99.0	99.1	99.2
GE 200	27.2	90.6	92.9	94.4	95.8	96.2	97.5	97.9	98.2	98.5	98.8	98.8	99.1	99.2	99.3	99.4
GE 100	27.2	90.6	92.9	94.4	95.8	96.2	97.5	98.0	98.3	98.7	98.9	98.9	99.2	99.7	99.8	99.9
GE 0	27.2	90.6	92.9	94.4	95.8	96.2	97.5	98.0	98.3	98.7	98.9	98.9	99.2	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 396

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(IST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 1	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	24.4	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 20000	26.0	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 18000	26.0	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 16000	26.0	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 14000	26.0	64.3	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	64.7
GE 12000	26.1	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 10000	26.3	66.2	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
GE 9000	26.4	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 8000	26.9	69.9	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 7000	26.9	68.9	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	69.8
GE 6000	26.9	69.3	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 5000	27.3	70.8	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 4500	27.4	72.1	73.2	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	73.5
GE 4000	27.6	75.1	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
GE 3500	27.9	77.0	78.1	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9
GE 3000	29.3	79.9	81.3	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1
GE 2500	28.5	83.1	84.6	85.3	85.5	85.5	85.8	85.8	85.8	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0
GE 2000	29.5	85.5	87.1	87.7	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4
GE 1800	29.8	87.1	88.7	89.5	89.7	89.7	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
GE 1500	29.0	88.7	90.5	91.5	91.9	91.9	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
GE 1200	29.0	89.4	91.4	92.4	92.8	92.8	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 1000	29.0	89.9	92.1	93.4	94.0	94.0	94.5	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
GE 900	29.0	90.1	92.6	94.3	94.9	94.9	95.4	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
GE 800	29.0	90.9	93.6	95.5	96.2	96.2	96.9	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	29.0	91.2	94.0	96.0	96.7	96.7	97.3	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 600	29.0	91.5	94.4	96.4	97.1	97.1	97.9	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	29.0	91.6	94.5	96.5	97.4	97.4	98.2	98.6	98.6	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	29.0	91.6	94.5	96.5	97.4	97.4	98.4	98.8	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	29.0	91.6	94.5	96.5	97.4	97.5	98.6	98.9	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	29.0	91.6	94.5	96.5	97.4	97.5	98.6	98.9	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	29.0	91.6	94.5	96.5	97.4	97.5	98.6	98.9	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	29.0	91.6	94.5	96.5	97.4	97.5	98.6	98.9	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.3	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 20000	27.3	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	63.4
GE 18000	27.3	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	63.4
GE 16000	27.3	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	63.4
GE 14000	27.3	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 12000	27.3	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 10000	27.4	66.8	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	66.9
GE 9000	27.6	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 8000	27.8	70.7	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	71.0
GE 7000	27.8	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 6000	27.8	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 5000	29.0	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	73.5	73.5	73.5
GE 4500	29.3	74.2	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 4000	29.8	77.3	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 3500	29.1	78.9	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6
GE 3000	29.1	80.4	80.7	80.9	81.0	81.0	81.0	81.0	81.0	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
GE 2500	29.1	83.5	84.1	84.5	84.7	84.7	84.7	84.7	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1
GE 2000	29.2	86.8	87.6	88.2	88.5	88.6	88.7	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1
GE 1800	29.4	87.5	88.4	89.1	89.4	89.5	89.7	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1500	29.7	89.2	90.7	92.0	92.4	92.5	93.0	93.1	93.3	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1200	30.0	90.5	92.2	93.4	93.9	94.0	94.4	94.5	94.8	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1000	30.0	91.0	93.0	94.3	94.9	95.0	95.4	95.5	95.8	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 900	30.0	91.4	93.4	94.8	95.3	95.4	95.9	96.0	96.2	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 800	30.0	91.9	93.9	95.4	96.0	96.2	96.9	97.0	97.2	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	30.0	91.9	94.0	95.5	96.3	96.5	97.3	97.4	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 600	30.0	92.0	94.1	95.7	97.1	97.3	98.1	98.3	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	30.0	92.0	94.2	95.9	97.3	97.7	98.4	98.7	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	30.0	92.0	94.2	95.9	97.3	97.7	98.4	98.7	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	30.0	92.0	94.2	95.9	97.3	97.7	98.4	98.8	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	30.0	92.0	94.2	95.9	97.3	97.7	98.4	98.8	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	30.0	92.0	94.2	95.9	97.3	97.7	98.4	98.8	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	30.0	92.0	94.2	95.9	97.3	97.7	98.4	98.8	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 897

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722765 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GF 4	GE 3	GF 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	19.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 20000	20.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 18000	20.4	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 16000	20.4	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 14000	20.4	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 12000	20.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 10000	20.4	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
GE 9000	20.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 8000	20.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 7000	20.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 6000	20.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 5000	20.7	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 4500	20.7	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 4000	20.8	74.4	74.4	74.5	74.5	74.5	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 3500	21.4	76.3	76.3	76.4	76.4	76.4	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 3000	21.5	79.4	79.4	79.5	79.5	79.5	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 2500	21.6	83.1	83.2	83.3	83.3	83.4	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 2000	22.0	86.5	87.1	87.2	87.2	87.4	87.7	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.2
GE 1800	22.7	87.7	88.4	88.6	88.6	88.9	89.3	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.7
GE 1600	22.5	90.2	91.2	91.6	91.8	92.2	92.6	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.1
GE 1400	23.0	92.3	93.5	94.1	94.2	94.6	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.5
GE 1200	23.0	92.9	94.3	95.1	95.5	96.0	96.7	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.3
GE 1000	23.0	93.2	94.6	95.4	95.9	96.4	97.1	97.3	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.8
GE 800	23.0	93.5	95.0	95.8	96.2	96.8	97.5	97.8	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.3
GE 700	23.0	94.0	95.5	96.4	96.9	97.4	98.2	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	99.0
GE 600	23.0	94.0	95.5	96.5	97.2	97.8	98.6	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.3
GE 500	23.0	94.0	95.5	96.7	97.3	97.9	98.7	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.8
GE 400	23.0	94.0	95.5	96.7	97.3	98.0	98.8	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 300	23.0	94.0	95.5	96.7	97.3	98.0	98.8	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	23.0	94.0	95.5	96.7	97.3	98.0	98.8	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	23.0	94.0	95.5	96.7	97.3	98.0	98.8	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 0	23.0	94.0	95.5	96.7	97.3	98.0	98.8	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 997

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	12.2	48.7	50.1	50.6	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	
GE 20000	13.0	56.7	58.3	59.0	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	
GE 18000	13.0	56.9	58.4	59.1	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	
GE 16000	13.0	56.9	58.4	59.1	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	
GE 14000	13.0	56.9	58.4	59.1	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	
GE 12000	13.0	57.5	59.1	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	
GE 10000	13.0	59.0	60.6	61.3	61.5	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	
GE 9000	13.0	59.1	60.8	61.4	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	
GE 8000	13.0	61.5	63.2	64.0	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	
GE 7000	13.0	61.9	63.5	64.4	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	
GE 6000	13.2	62.7	64.3	65.2	65.7	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	
GE 5000	13.2	64.2	66.4	67.4	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	
GE 4500	13.2	64.4	66.7	67.7	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	
GE 4000	13.4	66.7	69.1	70.2	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	
GE 3500	13.4	67.4	70.1	71.2	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	
GE 3000	13.5	68.6	71.2	72.4	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	
GE 2500	13.7	69.8	72.7	73.8	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	
GE 2000	13.9	73.4	76.8	77.9	79.2	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	
GE 1800	13.9	74.5	77.9	79.0	80.4	80.6	80.8	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	
GE 1500	14.4	78.7	82.9	84.5	86.3	86.5	86.7	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	
GE 1200	14.5	81.0	85.7	87.7	89.6	89.9	90.1	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	
GE 1000	14.7	82.6	87.7	89.9	92.0	92.2	92.9	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	
GE 900	14.7	83.5	89.1	91.2	93.3	93.6	94.3	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0	
GE 800	14.7	84.3	90.2	92.3	94.4	94.8	95.4	96.0	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	
GE 700	14.7	84.9	91.2	93.4	95.5	95.9	96.7	97.3	97.3	97.5	97.5	97.5	97.7	97.7	97.7	97.7	
GE 600	14.7	85.1	91.4	93.6	95.8	96.1	96.9	97.5	97.5	97.8	97.9	97.9	98.0	98.0	98.0	98.0	
GE 500	14.7	85.1	91.4	93.6	95.9	96.2	97.2	98.1	98.1	98.3	98.7	98.7	98.8	98.8	98.8	98.8	
GE 400	14.7	85.2	91.5	94.0	96.3	96.7	97.8	98.8	98.8	99.0	99.4	99.4	99.6	99.6	99.6	99.6	
GE 300	14.7	85.2	91.5	94.0	96.3	96.7	97.8	98.9	98.9	99.1	99.6	99.6	99.7	99.7	99.7	99.7	
GE 200	14.7	85.2	91.5	94.0	96.3	96.7	97.8	98.9	98.9	99.1	99.7	99.7	99.8	99.8	99.9	99.9	
GE 100	14.7	85.2	91.5	94.0	96.3	96.7	97.8	98.9	98.9	99.1	99.7	99.7	99.9	99.9	100.0	100.0	
GE 0	14.7	85.2	91.5	94.0	96.3	96.7	97.8	98.9	98.9	99.1	99.7	99.7	99.9	99.9	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 857

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	6.2	36.8	40.3	41.9	43.5	45.1	46.4	47.5	47.6	48.0	48.1	48.1	48.3	48.3	48.7	49.6
GE 20000	6.4	41.1	45.6	47.6	49.3	50.9	52.2	53.3	53.4	53.8	53.9	53.9	54.1	54.1	54.5	55.4
GE 18000	6.4	41.3	45.9	47.8	49.6	51.2	52.4	53.5	53.6	54.0	54.1	54.1	54.4	54.4	54.7	55.6
GE 16000	6.4	41.3	45.9	47.8	49.6	51.2	52.4	53.5	53.6	54.0	54.1	54.1	54.4	54.4	54.7	55.6
GE 14000	6.4	41.3	45.9	47.8	49.6	51.2	52.4	53.5	53.6	54.0	54.1	54.1	54.4	54.4	54.7	55.6
GE 12000	6.4	41.7	46.2	48.3	50.1	51.7	52.9	54.0	54.1	54.5	54.6	54.6	54.9	54.9	55.2	56.1
GE 10000	6.4	43.3	48.2	50.3	52.0	53.6	54.9	56.0	56.1	56.5	56.6	56.6	56.8	56.8	57.2	58.1
GE 9000	6.4	43.3	48.2	50.3	52.0	53.6	54.9	56.0	56.1	56.5	56.6	56.6	56.8	56.8	57.2	58.1
GE 8000	6.6	47.0	51.9	54.0	55.7	57.3	58.5	59.7	59.8	60.1	60.3	60.3	60.5	60.5	60.9	61.7
GE 7000	6.6	47.5	52.5	54.6	56.3	57.9	59.2	60.3	60.4	60.9	61.0	61.0	61.3	61.3	61.6	62.5
GE 6000	6.6	48.3	53.4	55.5	57.2	58.8	60.0	61.1	61.3	61.7	61.9	61.9	62.1	62.1	62.5	63.3
GE 5000	6.6	49.1	54.5	56.6	58.7	60.3	61.5	62.6	62.7	63.2	63.3	63.3	63.6	63.6	64.0	64.8
GE 4500	6.6	49.3	55.2	57.6	59.4	61.3	62.5	63.6	63.7	64.2	64.3	64.3	64.6	64.6	64.9	65.8
GE 4000	6.6	51.0	57.2	59.8	61.7	63.6	64.8	65.9	66.1	66.5	66.7	66.7	66.9	66.9	67.3	68.1
GE 3500	6.6	51.9	58.3	60.9	63.0	64.8	66.1	67.2	67.3	67.8	67.9	67.9	68.1	68.1	68.5	69.4
GE 3000	6.8	53.1	59.7	62.2	64.6	66.4	67.7	68.8	69.0	69.5	69.6	69.6	69.9	69.9	70.2	71.1
GE 2500	6.8	54.9	61.6	64.2	66.7	68.5	69.7	70.8	71.1	71.6	71.7	71.7	72.0	72.0	72.3	73.2
GE 2000	6.8	57.3	64.5	67.2	69.6	71.5	72.8	74.0	74.3	74.8	74.9	74.9	75.4	75.4	75.8	76.6
GE 1800	6.8	58.8	66.1	68.8	71.2	73.3	74.7	75.9	76.1	76.6	76.8	76.8	77.2	77.2	77.6	78.5
GE 1600	7.0	61.3	68.8	72.1	74.8	76.9	78.4	79.6	79.8	80.7	80.9	80.9	81.4	81.4	81.8	82.7
GE 1400	7.3	64.1	72.2	75.8	78.8	81.2	82.8	84.0	84.3	85.2	85.5	85.5	86.0	86.0	86.3	87.2
GE 1200	7.4	64.9	73.3	76.9	80.3	82.7	84.4	85.9	86.2	87.2	87.5	87.5	87.9	87.9	88.3	89.2
GE 1000	7.6	65.7	74.3	78.0	81.4	83.9	85.7	87.5	87.8	88.8	89.1	89.1	89.5	89.5	89.9	90.8
GE 900	7.6	66.1	74.9	78.6	82.2	84.6	86.5	88.3	88.8	89.8	90.2	90.2	90.7	90.7	91.0	91.9
GE 800	7.7	66.7	75.6	79.5	83.3	85.7	87.8	89.7	90.2	91.1	91.5	91.5	92.0	92.0	92.4	93.2
GE 600	7.7	67.5	76.9	80.7	84.6	87.2	89.3	91.1	91.6	92.6	93.0	93.0	93.5	93.5	93.8	94.7
GE 500	7.7	67.7	77.1	81.2	85.4	87.9	90.4	92.4	92.9	93.0	94.2	94.2	94.7	94.7	95.1	96.1
GE 400	7.7	67.8	77.2	81.4	85.9	88.4	91.1	93.7	94.2	95.3	95.8	95.8	96.3	96.4	96.8	97.8
GE 300	7.7	67.8	77.2	81.4	86.0	88.6	91.4	94.0	94.6	95.9	96.4	96.4	96.9	97.0	97.4	98.4
GE 200	7.7	67.8	77.2	81.4	86.1	88.7	91.5	94.1	94.7	96.1	96.6	96.6	97.2	97.3	98.0	99.3
GE 100	7.7	67.8	77.2	81.4	86.1	88.7	91.5	94.1	94.7	96.1	96.6	96.6	97.2	97.4	98.4	100.0
GE 0	7.7	67.8	77.2	81.4	86.1	88.7	91.5	94.1	94.7	96.1	96.6	96.6	97.2	97.4	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 913

GLOBAL CLIMATOLOGY BRANCH
USAF/CLTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	22.9	70.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 20000	24.1	75.7	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	77.1
GE 16000	24.1	75.7	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	77.1
GE 16000	24.1	75.7	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	77.1
GE 14000	24.1	75.7	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	77.1
GE 12000	24.3	76.6	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 10000	24.4	78.8	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 9000	24.4	79.1	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
GE 8000	24.7	80.0	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 7000	24.7	80.3	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 6000	25.0	81.1	82.7	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 5000	25.2	81.7	83.4	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 4500	25.3	82.7	84.4	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 4000	25.5	83.7	85.3	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
GE 3500	25.5	84.6	86.3	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 3000	25.8	86.6	88.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 2500	25.8	88.4	90.4	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
GE 2000	25.8	90.4	92.5	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
GE 1800	25.8	90.8	93.0	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1500	25.8	91.9	94.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1200	25.8	92.4	95.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1000	25.8	92.7	95.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 900	25.8	92.7	95.6	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	25.8	93.1	96.3	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
GE 700	25.8	93.4	96.6	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 600	25.8	93.6	97.1	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	25.8	93.7	97.3	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	25.8	93.7	97.4	98.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	25.8	93.7	97.4	98.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	25.8	93.7	97.4	98.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	25.8	93.7	97.4	98.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	25.8	93.7	97.4	98.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 655

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GF 4	GE 3	GF 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	24.4	68.2	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GF 20000	25.4	76.1	76.2	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
GE 18000	25.4	76.1	76.2	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
GF 16000	25.4	76.1	76.2	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
GE 14000	25.7	76.4	76.5	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
GE 12000	26.0	76.8	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GF 10000	26.3	79.2	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 9000	26.3	79.9	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
GE 8000	26.4	82.0	82.3	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
GE 7000	26.4	82.3	82.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 6000	26.4	83.1	83.4	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
GE 5000	26.4	84.0	84.4	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
GE 4500	26.4	84.5	84.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 4000	26.6	85.3	85.9	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
GE 3500	26.6	86.5	87.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GF 3000	27.1	88.3	89.1	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 2500	27.3	89.6	90.5	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GF 2000	27.3	91.5	92.4	93.1	93.3	93.3	93.3	93.3	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6
GE 1800	27.3	92.3	93.3	94.0	94.2	94.2	94.2	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GF 1500	27.3	93.4	94.7	95.4	95.6	95.6	95.6	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1200	27.3	94.0	95.4	96.1	96.3	96.3	96.3	96.4	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000	27.3	95.1	96.5	97.4	97.6	97.6	97.6	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GF 900	27.3	95.4	96.9	97.7	98.1	98.1	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GF 800	27.3	95.4	96.9	97.8	98.2	98.2	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 700	27.3	95.4	96.9	97.8	98.2	98.2	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GF 600	27.3	95.6	97.1	98.1	98.7	98.7	98.7	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GF 500	27.3	95.8	97.6	98.6	99.2	99.2	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GF 400	27.3	95.8	97.6	98.7	99.4	99.4	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GF 300	27.3	95.8	97.6	98.7	99.4	99.4	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GF 200	27.3	95.8	97.6	98.7	99.4	99.4	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GF 100	27.3	95.8	97.6	98.7	99.4	99.4	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	27.3	95.8	97.6	98.7	99.4	99.4	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 227

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 1500-1700

CFILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.2	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	63.0
GE 20000	29.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 18000	29.9	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
GE 16000	29.9	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
GE 14000	29.9	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
GE 12000	30.1	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 10000	30.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 9000	30.7	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	80.5
GE 8000	31.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 7000	31.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 6000	31.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 5000	31.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 4500	31.3	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 4000	31.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 3500	31.3	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	89.1
GE 3000	31.3	91.0	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 2500	31.3	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2000	31.5	94.0	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1800	31.5	94.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1600	31.5	95.3	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1400	31.5	96.4	97.2	97.3	97.5	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200	31.5	97.0	97.8	98.0	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	31.5	97.1	98.0	98.1	98.3	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	31.5	97.1	98.0	98.3	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	31.5	97.1	98.0	98.3	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	31.5	97.2	98.1	98.4	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	31.5	97.4	98.6	98.9	99.2	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	31.5	97.4	98.6	98.9	99.2	99.5	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	31.5	97.4	98.6	98.9	99.2	99.5	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	31.5	97.4	98.6	98.9	99.2	99.5	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	31.5	97.4	98.6	98.9	99.2	99.5	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	31.5	97.4	98.6	98.9	99.2	99.5	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 327

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	24.2	60.9	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 20000	25.7	71.5	71.8	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
GE 18000	25.7	71.6	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 16000	25.7	71.6	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 14000	25.8	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	72.3	72.3
GE 12000	25.8	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 10000	26.0	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 9000	26.0	76.8	77.1	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
GE 8000	26.1	78.5	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 7000	26.1	79.1	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	79.6
GE 6000	26.1	80.3	80.6	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
GE 5000	26.3	81.0	81.3	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
GE 4500	26.8	82.2	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
GE 4000	26.8	83.1	83.4	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 3500	26.8	84.1	84.5	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 3000	26.9	87.2	87.6	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 2500	26.9	88.6	89.0	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 2000	27.1	90.1	90.6	91.0	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1800	27.2	90.8	91.4	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1500	27.2	92.8	93.4	93.9	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1200	27.3	94.6	95.4	96.0	96.2	96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000	27.3	95.7	96.7	97.5	97.9	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	27.3	96.3	97.3	98.3	98.6	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	27.3	96.4	97.4	98.4	98.9	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	27.3	96.4	97.6	98.6	99.1	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	27.3	96.4	97.6	98.6	99.1	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	27.3	96.4	97.6	98.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	27.3	96.4	97.6	98.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	27.3	96.4	97.6	98.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	27.3	96.4	97.6	98.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	27.3	96.4	97.6	98.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	27.3	96.4	97.6	98.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS (LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8
NO CLCL	27.8	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 20000	28.9	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
GE 18000	29.3	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 16000	29.7	63.7	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
GE 14000	29.7	64.8	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
GE 12000	30.1	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 10000	30.8	69.8	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
GE 9000	30.8	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 8000	30.8	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 7000	30.8	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 6000	30.8	72.2	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 5000	31.1	74.0	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 4500	31.6	75.1	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	75.6
GE 4000	32.3	76.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 3500	32.8	79.3	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 3000	33.2	81.5	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 2500	33.4	82.8	83.8	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
GE 2000	34.3	86.7	87.8	88.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1800	34.5	87.7	88.9	89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1600	34.7	89.4	90.9	91.3	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1400	34.7	90.0	92.0	92.4	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1200	34.7	90.7	92.7	93.1	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1000	34.7	91.1	93.1	94.0	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 900	34.7	91.5	93.5	94.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 800	34.7	91.7	93.8	94.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 700	34.7	92.0	94.0	95.3	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 600	34.7	92.2	94.3	95.6	97.7	97.7	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 500	34.7	92.3	94.4	95.9	98.1	98.2	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	34.7	92.4	94.4	95.9	98.1	98.2	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	34.7	92.4	94.4	95.9	98.1	98.2	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	34.7	92.4	94.4	95.9	98.1	98.2	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 100	34.7	92.4	94.4	95.9	98.1	98.2	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 0	34.7	92.4	94.4	95.9	98.1	98.2	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 772

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722765 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	11	12	13	14
NO CEIL	27.3	60.4	60.7	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.4	61.4
GE 20000	29.8	63.6	63.9	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5
GE 18000	29.8	63.7	64.0	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.7	64.7
GE 16000	29.9	63.9	64.1	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8
GE 14000	29.2	64.4	64.7	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4
GE 12000	29.6	65.7	66.0	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.8	66.8
GE 10000	29.7	67.3	67.5	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3
GE 9000	29.7	67.5	67.8	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6
GE 8000	29.8	69.4	69.8	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.6
GE 7000	30.0	70.3	70.7	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5
GE 6000	30.0	70.4	70.8	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6
GE 5000	30.5	72.0	72.5	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3
GE 4500	30.9	73.6	74.1	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9
GE 4000	31.1	74.9	75.4	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2
GE 3500	31.7	77.0	77.5	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3
GE 3000	32.2	79.8	80.3	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.1	81.1	81.1
GE 2500	32.5	81.3	82.1	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0
GE 2000	32.9	84.4	85.3	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2
GE 1800	33.2	85.2	86.1	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0
GE 1600	33.2	86.9	87.9	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.4
GE 1400	33.2	88.0	89.2	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	91.1	91.1	91.1
GE 1300	33.2	88.7	90.0	91.6	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.8	92.8	92.8
GE 1200	33.2	89.8	91.5	93.6	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1
GE 1100	33.2	90.1	91.9	94.2	95.7	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2
GE 1000	33.2	90.5	92.5	95.0	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.0	97.0	97.0
GE 900	33.2	90.5	92.8	95.5	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8
GE 800	33.2	90.7	93.0	95.8	97.6	97.9	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
GE 700	33.2	90.7	93.0	95.8	97.8	98.0	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3
GE 600	33.2	90.7	93.0	95.8	97.8	98.0	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5
GE 500	33.2	90.7	93.0	95.8	97.8	98.2	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
GE 400	33.2	90.7	93.0	95.8	97.8	98.2	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9
GE 300	33.2	90.7	93.0	95.8	97.8	98.2	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9
GE 200	33.2	90.7	93.0	95.8	97.8	98.2	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9
GE 100	33.2	90.7	93.0	95.8	97.8	98.2	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9
GE 0	33.2	90.7	93.0	95.8	97.8	98.2	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 761

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover and total number of observations. It is presented by month and available 3-hour groups.

NOTES: 1. Some sources of punched data used for this summary report cloud amounts in eights. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in eights. The manner of conversion is given below:

<u>EIGHTS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

2. For Airways stations the symbols of clear, scattered, broken, overcast, and 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

3

SKY COVER

MAXWELL AFB AL

76-85

JAN

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														
	03-05														
	06-08	21.1			17.9						15.6	45.5	6.5	783	
	09-11	15.0			22.1						16.9	46.2	6.8	887	
	12-14	14.4			24.5						21.5	39.7	6.6	895	
	15-17	16.5			23.7						21.5	38.3	6.5	881	
	18-20	26.0			21.7						13.7	38.6	5.7	881	
	21-23	33.0			15.6						12.1	38.5	5.4	871	
TOTALS		21.1			25.9						16.9	41.1	6.3	520	

SKY COVER

FEB

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NUMBER OF P.	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02													
	03-05													
	06-08	18.8			21.3						20.6	39.3	6.4	759
	09-11	19.1			22.3						20.9	37.7	6.3	843
	12-14	15.5			26.3						24.4	33.5	6.4	844
	15-17	15.0			30.6						22.6	31.8	6.1	644
	18-20	22.6			28.1						18.5	30.9	5.6	837
	21-23	34.2			18.4						16.1	31.2	5.1	836
TOTALS		20.2			24.5						20.5	34.1	6.0	4963

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

722205

MAXWELL AFB AL

75-84

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02													
	03-05													
	06-08	18.1			19.8						21.9	40.1	6.6	867
	09-11	16.3			20.9						24.6	38.2	6.7	930
	12-14	13.9			21.4						29.5	35.4	6.9	930
	15-17	10.9			23.9						28.6	36.7	7.0	930
	18-20	17.2			24.4						24.4	33.0	6.3	922
	21-23	30.9			20.1						15.0	33.9	5.3	864
TOTALS		17.9			21.8						24.0	36.4	6.5	5443

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

722255
STATION

MAXWELL AFB AL
STATION NAME

75-84
PERIOD

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NUMBER OF OBS.
		0	1	2	3	4	5	6	7	8	9	10	
APR	00-02												
	03-05												
	06-08	20.4			21.0						24.7	33.2	6.2 849
	09-11	18.7			25.4						27.8	28.6	6.1 899
	12-14	14.6			28.0						29.1	29.3	6.3 900
	15-17	13.3			28.6						27.8	30.3	6.4 900
	18-20	22.2			25.5						27.8	29.4	5.9 881
	21-23	35.1			20.2						13.2	31.4	4.9 771
	TOTALS	20.6			24.8						24.2	30.4	6.0 5200

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

MAY

MONTH	HOURS EST.	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02													
	03-05	13.2			29.6						25.5	31.0	6.3	216
	06-08	19.1			23.4						25.6	31.9	6.2	927
	09-11	14.0			32.5						27.2	26.3	6.1	930
	12-14	5.3			39.4						33.1	23.2	6.5	930
	15-17	5.9			40.0						30.5	23.7	6.3	930
	18-20	14.4			35.5						25.2	24.5	5.9	918
	21-23	35.3			26.7						16.0	21.9	4.4	606
TOTALS		15.5			32.3						26.2	26.1	5.2	5457

3

1

JUN

$\text{H}_2\text{O} + \text{CO}_2 \rightarrow \text{H}_2\text{CO}_3$

1
2
3
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13
14

USAFETAC

FORM 0-9-5 (OL A)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

JUL

1997

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER									MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.		
		0	1	2	3	4	5	6	7	8			9	10
JUL	00-02													
	03-05	3.4			40.5						27.0	24.2	6.1	215
	06-08	14.4			32.3						27.3	26.0	6.0	919
	09-11	10.3			38.2						32.3	19.2	6.0	929
	12-14	1.3			44.5						37.9	16.3	6.4	926
	15-17	1.9			40.9						33.2	24.1	6.6	914
	18-20	7.8			32.2						28.4	31.9	6.7	901
	21-23	21.2			31.2						21.8	25.1	5.4	622
TOTALS		9.4			37.1						29.7	23.8	6.2	540

SKY COVER

722265

MAXWELL AFB AL

75-84

AUG

STATION

STATION NAME

PERIOD

—

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN PERCENTAGE OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
AUG	00-02													
	03-05	13.9			46.7						21.0	18.6	5.1	210
	06-08	18.1			36.5						23.9	21.5	5.4	904
	09-11	11.9			46.8						29.1	12.2	5.2	918
	12-14	.8			52.4						36.4	10.4	5.9	929
	15-17	2.0			46.7						32.2	19.1	6.2	928
	18-20	11.8			35.7						34.1	18.4	6.0	922
	21-23	27.0			36.2						20.7	16.1	4.6	614
TOTALS		12.2			43.0						28.2	16.6	5.5	5425

3
 AL CLIMATOLOGY BRANCH
 USAFETAC
 AT WEATHER SERVICE/MAC

SKY COVER

722265
 STATION

MAXWELL AFB AL
 STATION NAME

75-84
 REF ID

SEP
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
SEP	00-02													
	03-05	26.3			32.2						18.3	23.6	5.0	208
	06-08	19.4			32.3						20.2	28.2	5.6	893
	09-11	15.4			37.0						23.4	24.1	5.6	900
	12-14	4.4			41.8						32.7	21.1	6.3	900
	15-17	6.9			40.9						30.0	22.2	6.1	900
	18-20	21.1			32.9						23.9	22.2	5.4	897
	21-23	36.2			25.7						19.9	18.2	4.4	599
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USAFETAC

FORM
 JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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SKY COVER

75-24

NOV

MONTH	HOURS LEFT	PERCENTAGE FREQUENCY OF MONTHS LEFT TO ALL SKY COVER								MEAN PERCENTAGE SKY COVER	TOTAL NUMBER OBSERVED			
		0	1	2	3	4	5	6	7			8	9	10
Nov.	00-02													
	03-05													
	06-08	21.4			23.2						19.9	35.5	6.0	794
	09-11	21.3			23.1						22.4	33.1	6.0	896
	12-14	10.9			26.2						23.5	31.4	6.0	807
	15-17	18.4			28.4						24.1	29.1	5.9	897
	18-20	33.4			19.7						16.5	30.3	5.1	827
	21-23	42.2			15.4						13.9	29.6	4.5	896
TOTALS		25.2			22.7						20.8	31.3	5.6	5277

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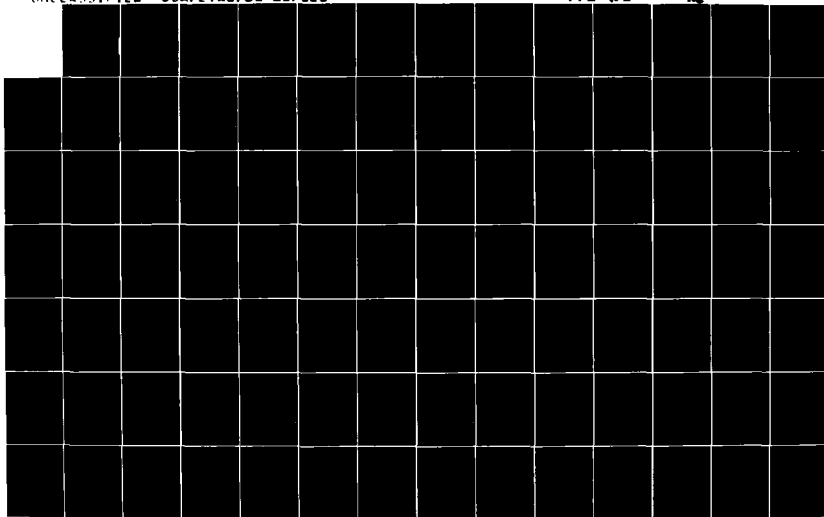
MAXWELL AFB ALABAMA LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARY (LSOCS...) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. JUN 85
USAFETAC/DS-85/025

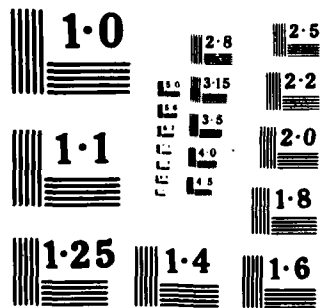
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722265
STATION

STATION NAME

PERIOD

MONITOR

MONTH	HOURS (L S T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00-02													
	03-05													
	06-08	18.5			24.8						27.7	35.9	6.2	685
	09-11	19.5			22.8						27.9	33.8	6.2	841
	12-14	16.1			26.6						27.8	29.4	6.2	837
	15-17	15.8			27.5						28.9	27.8	6.2	816
	18-20	30.2			25.5						15.3	29.0	5.0	772
	21-23	38.6			21.0						12.5	27.9	4.5	761
TOTALS		23.1			24.7						21.5	30.6	5.7	4712

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PSYCHROMETRIC SUMMARIES

PART 4

In this section are presented various summaries of dry and wet-bulb temperatures, dewpoints, and relative humidity. The order and manner of representations follows:

1. Cumulative percentage frequency of occurrence--Derived from available hourly 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 HIGH temperatures (for available observations)
- b. Daily LOW temperatures (for available observations)
- c. Daily mean temperatures (high + low temperatures divided by two)

2. 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 available 3-hour groups with all 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 which contain both dry-bulb and wet-bulb temperatures; and dry-bulb, wet-bulb, and dewpoint temperatures separately. Total observations for these four items are also provided in two lines at the end of each table.

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 dewpoint temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means ($\bar{X}$), and standard deviations (σX). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dewpoint 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.

Continued on Reverse

3. Means and standard deviations--These tabulations are derived from available hourly observations and present the mean, standard deviation, and total number of observations for the 3-hour groups, by month and annual and again at the bottom for all hours combine. Summaries for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, AND DEWPOINT TEMPERATURE.

4. 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 percent classes, plus the mean relative humidity and total number of observations presented by month and available 3-hour groups.

GLOBAL CLIMATOLOGY BRANCH

USAFETAC

AIR WEATHER SERVICE/MAC

722265 MAXWELL AFB AL

STATION

STATION NAME

37-56, 64-85

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
101							.1						.0
100						1.5	3.1	2.0	.4				.0
99					2.3	19.4	25.0	17.9	7.2	.2			.0
98				.9	20.2	58.0	66.4	62.9	35.2	2.9			21.7
97			2.7	16.1	50.7	82.1	92.7	91.9	68.0	18.1	.3		35.7
96	.7	1.8	14.8	42.9	79.1	97.2	98.2	98.3	35.7	46.7	6.5	1.7	48.0
95	5.9	9.7	31.6	65.3	91.9	99.6	99.8	100.0	94.1	67.5	22.4	8.1	58.4
94	15.7	22.8	52.0	82.2	97.4	99.7	100.0		98.1	86.1	40.9	17.5	67.8
93	26.9	37.9	65.6	92.7	99.7	100.0			99.5	94.7	60.5	31.2	75.9
92	41.2	55.2	81.2	98.6	100.0				99.5	95.3	76.1	48.6	83.4
91	57.1	73.6	90.6	99.7					100.0	95.3	97.7	65.6	89.3
90	71.7	83.3	96.5	99.9						100.0	95.0	82.7	94.1
89	86.2	93.2	99.1	100.0							98.8	92.4	97.5
88	93.5	98.3	99.7								99.5	97.6	99.0
87	97.5	99.7	99.9								99.9	99.8	99.7
86	99.0	99.9	100.0								100.0	100.0	99.9
85	99.9	100.0											100.0
84	100.0												100.0
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MEAN	56.6	60.5	68.5	76.9	84.0	90.1	91.2	90.6	86.3	77.8	66.3	59.2	75.7
S.D.	11.327	10.462	9.927	7.576	6.318	5.082	4.763	4.459	6.571	7.322	9.540	10.180	14.557
TOTAL OBS	1227	1158	1240	1199	1240	1198	1240	1209	1200	1239	1169	1211	14530

USAFETAC FORM 0-21.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATE CLIMATOLOGY BRANCH

USAFETAC

AIR WEATHER SERVICE/MAC

STATION NAME MAXWELL AFB AL

DAILY TEMPERATURES

37-56, 64-85 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
80						3.	2.	1.		1.			0
75				1.	3.	13.4	26.8	28.5	4.9	4.			5.6
70			1.	13.5	35.4	65.4	91.7	96.4	94.2	5.7		3	25.9
65	8.	0.	3.7	11.5	42.3	90.2	99.1	98.3	71.6	17.6	2.1	1.0	37.2
60	4.0	3.9	13.2	32.8	73.4	97.8	100.3	100.0	89.6	34.1	7.2	4.0	47.0
55	9.5	10.4	27.7	55.7	89.5	99.5			95.7	55.6	18.8	10.1	56.3
50	16.5	18.7	42.9	75.5	97.5	100.3			99.2	74.3	34.2	18.1	65.0
45	27.5	33.5	60.4	91.2	99.9				99.8	89.1	52.0	31.6	74.0
40	40.3	52.3	77.0	97.7	100.0				100.0	97.2	69.3	48.4	92.0
35	59.3	71.7	91.2	99.8						99.7	86.0	67.9	99.7
30	68.0	78.6	95.5	99.9						99.9	90.8	76.8	92.5
25	79.5	87.1	98.1	100.0						100.0	96.1	87.7	95.7
20	92.4	96.4	99.5								99.3	96.7	98.7
15	96.6	99.5	100.0								99.7	99.4	99.6
10	98.9	99.8									99.9	100.0	99.9
5	99.6	100.0									100.0		100.0
0	100.0												100.0
MEAN	38.3	40.7	47.7	55.3	63.0	70.2	72.9	72.3	67.2	55.6	45.2	40.3	55.7
S D	10.990	9.681	9.740	7.667	6.079	4.332	2.657	2.910	5.927	8.667	9.820	9.984	14.866
TOTAL OBS	1227	1156	1240	1199	1240	1198	1240	1209	1200	1239	1169	1211	14530

USAFETAC FORM 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

72265 MAXWELL AFB AL
STATION STATION NAME

37-56, 54-85 YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
90						.8	1.2						.2
85					.5	13.9	22.0	16.0	3.2	.2			4.7
80				.7	13.7	62.4	81.3	77.5	38.3	2.8			23.1
75			2.6	11.1	47.7	93.6	98.2	97.9	70.2	14.7	.5	.4	36.3
70	1.5	2.1	10.7	25.7	78.1	98.4	100.0	100.0	89.6	38.1	6.2	2.1	47.1
65	7.3	8.0	27.4	62.2	93.7	100.0			97.1	63.5	18.3	8.2	57.4
60	15.1	25.0	45.8	82.7	99.2				99.1	92.6	36.1	15.5	66.7
55	24.8	34.5	64.6	94.4	100.0				99.9	95.1	55.8	28.8	75.0
50	40.6	53.2	80.5	98.9					100.0	99.2	75.2	47.0	83.0
45	59.5	72.5	93.2	99.8						99.9	90.0	70.7	90.6
40	78.9	87.9	98.1	100.0						100.0	96.7	89.0	95.9
35	91.0	96.5	99.7								98.9	96.0	98.5
30	96.3	99.3	99.9								99.0	99.2	99.5
25	98.5	99.9	100.0								99.9	99.8	99.8
20	99.5	100.0									100.0	100.0	100.0
15	99.9												100.0
10	100.0												100.0
5													
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-5													
-10													
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-75													
-80													
-85													
-90													
MEAN	47.6	50.8	58.2	66.2	73.6	80.3	82.1	81.6	76.9	66.8	55.9	49.6	65.8
S D	10.443	9.399	9.120	6.854	5.479	4.139	3.264	3.151	5.527	7.209	8.888	9.278	14.487
TOTAL OBS	1227	1158	1240	1199	1240	1198	1240	1209	1200	1239	1169	1211	14530

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

122265 MAXWELL AFB AL
STATION STATION NAME

37-56, 64-85 YEARS

WHOLE DEGREES FAHRENHEIT

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

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

222255
STATION

~~WALLACE AFB AL~~
STATION NAME

~~37-56, 64-65~~

YEARS

HOLD DEGREES FAHRENHEIT

[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

4 (AT LEAST ONE DAY LESS THAN 24 HRS)

JOURNAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

72-85
STATION

MAXWELL AFB AL
STATION NAME

37-56, 64-85
YEARS

WHOLE DEGREES FAHRENHEIT

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

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OIA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

FROM DAILY OBSERVATIONS

37-50, 64-85 YEARS

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
74	34	23	34	29	59	67	65	65	54	79	30	21	21
75	24	31	32	42	61	66	69	71	44	43	31	14	19
76	13	25	41	47	47	60	70	65	55	35	23	21	19
77	2	25	34	46	54	54	72	70	54	44	35*	26	18
78	*	22	24	26	45	52	63	71	69	69	40	45*	22
79	*	12	22	35	44	51	62	67	52	61	43	26*	27
80	*	27	22	21	45	52	59	70	67	62*	79	30*	19
81	*	14	21	34	44	44	62	67	66	51	44	29*	15
82	*	7	27	31	36	52	63	70	70	50	77*	34	7
83	*	20	27	34	36	44	52	67	68	44	45	37*	16
84	*	21	22	27	44	44	50	70	65	50	44	71*	20
85	*	1	23										
86													
87													
88													
89													
90													
91													
92													
93													
94													
95													
96													
97													
98													
99													
00													
MEAN	21.9	24.6	31.1	41.1	50.9	60.7	67.6	65.8	55.3	40.7	29.3	24.0	12.6
S.D.	7.843	4.706	4.875	4.091	5.801	4.615	2.977	2.768	5.598	4.798	6.321	4.410	5.725
TOTAL OBS	1227	1158	1203	1149	1243	1196	1240	1209	1200	1239	1169	1211	1453

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

PSYCHROMETRIC SUMMARY

YEARS

MONTH

7576-3900
HOURS 11.5.11

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
60 / 65		.2																2	2					
60 / 63		1.1	.1															10	10	6	4			
60 / 61	.1	1.0	.3															11	11	9	7			
60 / 59	.5	.5	.3															10	10	12	10			
60 / 57	.5	.5	.3															8	8	10	11			
60 / 55		1.4	.3		.1													14	14	5	6			
60 / 53		2.3	.1	.1		.1	.1											22	22	12	9			
60 / 51	.3	2.0	.5															23	23	26	21			
60 / 49	.1	1.4	.5	.5		.5	.3											26	26	17	23			
60 / 47		2.3	1.4	.1														30	30	18	2			
60 / 45	.3	2.1	.3	.3														28	28	30	11			
60 / 43	.3	1.0	1.4	.6														29	29	29	23			
60 / 41	.5	2.5	2.1	.6	.3													50	50	30	34			
60 / 39	.1	3.9	2.6	.6														56	56	36	24			
60 / 37	.3	2.8	1.6	1.4	.4													61	61	60	31			
60 / 35	.5	3.3	2.3	1.5	.3													62	62	54	41			
60 / 33	.3	4.4	2.5	1.3	.4													66	66	53	43			
60 / 31	.6	5.0	4.5	1.3														67	67	70	51			
60 / 29	.5	2.4	4.0	.6														67	67	92	57			
60 / 27	.3	2.4	1.4	.1														36	36	57	32			
60 / 25	.3	.5	1.0	.3														23	23	74	44			
60 / 23	.1	.6	1.0															14	14	25	31			
60 / 21		.4	1.0															16	16	21	52			
60 / 19		1.4	1.3	.1														20	20	16	54			
60 / 17		.5	.4															7	7	19	25			
60 / 15		.1	.1															2	2	5	26			
60 / 13																				5	34			
60 / 11		.1																1	1		16			
60 / 9		.3	.1															3	3	1	15			
60 / 7		.3																2	2	2	14			
60 / 5	.1																	1	1	4	7			
60 / 3		.4																3	3	2	4			
60 / 1																				1	5			
60 / -1																					2			
Element (X)	Σ X ²		Σ X		X̄		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																								

PSYCHROMETRIC SUMMARY

70-55

STATION

STATION NAME

YEARS

MONTH

PAGE 2

100-10000

HOURS 11. 5. 7.1

[illegible]

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JAN 64

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

772265 MEADOWS AFB AL 76-85 FEB 1977
STATION STATION NAME YEARS MONTH

PAGE 1 1976-1977
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
1																											
2																											
3																											
4																											
5																											
TOTAL	1.510	121.	24.	119.	411.7	5.2	0.8	.8	.2									845	847	849							

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	3434624	51936	61.1	17.551	849							
Dry Bulb	2175163	41985	49.5	10.800	849		3.9	5.4	.9			84
Wet Bulb	1693879	36919	43.5	10.195	849		12.4	.2				84
Dew Point	1227939	30269	35.7	13.244	849		35.3	.1				84

PSYCHROMETRIC SUMMARY

76-85

YEARS

F E S
MONTH

PAGE 1 2900-1120
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

FEB
MONTH

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

[illegible]

PSYCHROMETRIC SUMMARY

FEB
MONTH

PAGE 1 0000-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
70/ 69				.1		.1												2	2					
68/ 67			.1															1	1					
66/ 65		.4	.3															5	5					
64/ 63		.5	.5			.1												9	9	6				
62/ 61	.1	.0	.4															11	11	8				
60/ 59	.3	1.4	1.4	.3														26	26	16				
58/ 57	.1	2.1	1.0	.1	.1													27	27	18				
56/ 55		1.4	1.0	.5	.1													24	24	25				
54/ 53		1.4	1.0	.5	.4													32	37	20				
52/ 51		.9	2.5	1.3	.3	.3												40	40	24				
50/ 49	.3	2.5	2.0	1.0	.1													45	45	33				
48/ 47	.1	3.8	1.7	1.0														51	51	44				
46/ 45	.4	2.4	2.5	1.2	.3													51	51	54				
44/ 43	.1	2.0	3.8	1.0	.5													57	57	52				
42/ 41		2.1	2.4	.7	1.0													47	47	45				
40/ 39	.4	1.7	2.7	1.3	.1													48	48	55				
38/ 37	.1	2.2	2.7	1.3	.1													50	50	43				
36/ 35	.4	2.0	3.0	1.2	.1													51	51	49				
34/ 33		1.8	2.1	.8	.5													40	40	49				
32/ 31	.3	3.0	3.3	1.0														64	64	48				
30/ 29		1.4	1.3	.4														22	22	51				
28/ 27	.1	2.0	2.1	.1														33	33	45				
26/ 25		.3	1.7	.1														16	16	33				
24/ 23	.1																	1	1	26				
22/ 21		.4	1.2															12	12	7				
20/ 19																				9				
18/ 17																				3				
16/ 15																								
14/ 13																								
12/ 11																								
10/ 9																								
8/ 7																								
6/ 5																								
4/ 3																								
Element (X)	ΣX^2		ΣX		$\bar{X}$		σ_X		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

MONTH

2170-2360

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
-5/-7																									
-1/-11																									
TOTAL	3.4	26.7	33.6	24.4	8.8	2.5	.7												878	579	878				

Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4321483	59795	68.1	16.959	878	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1560850	35992	41.0	9.869	878		18.8					93
Wet Bulb	1297097	32593	37.1	9.971	878		32.7					93
Dew Point	976580	26894	30.6	13.199	878	.6	52.3					93

3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265
STATIONMAXWELL AFB AL
STATION NAME76-85
YEARSJAN
MONTHPAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
68 / 65		.2	.2	.2	.1													7	7			
64 / 63		.2	.3	.2														7	7	3	2	
62 / 61		.2	.3	.3	.1													16	16	5	2	
60 / 59	.3	.9		.5	.1													16	16	19	9	
58 / 57	.3	.2	.3	.6	.6	.1	.2											21	21	15	19	
56 / 55		.7	.5	.5	.9													22	22	5	5	
54 / 53		1.0	.5	.1	.2	.1	.1											18	18	14	9	
52 / 51		2.6	1.4	.6		.1	.2											43	43	28	14	
50 / 49	.2	1.4	1.8	.9	1.3	.6												54	54	37	28	
48 / 47	.2	1.9	1.4	.6	.8	.9												51	51	40	26	
46 / 45	.2	.5	1.3	1.5	.8	.1												38	38	34	23	
44 / 43	.3	2.6	3.0	2.5		.1	.1											76	76	34	36	
42 / 41	.3	1.8	2.5	1.3	.6	.5												61	61	63	36	
40 / 39	.3	2.4	3.9	2.1	.8													83	83	72	38	
38 / 37	.1	1.6	1.9	1.9	.8													56	56	72	34	
36 / 35	.2	1.6	2.7	2.1	.3													61	61	73	43	
34 / 33	.1	2.2	2.1	3.1	1.0													74	74	55	61	
32 / 31	.1	2.1	3.1	2.6	.3													74	74	65	67	
30 / 29	.3	.3	1.9	1.5														35	35	72	57	
28 / 27	.1	.6	1.3	1.0														26	26	50	42	
26 / 25			1.3	.2														11	11	50	46	
24 / 23		.2	.6															7	7	31	37	
22 / 21		.1	.5															5	5	17	35	
20 / 19		.2	.6															7	7	6	43	
18 / 17		.2	.1															3	3	8	22	
16 / 15		.1	.2															3	3	9	27	
14 / 13																				1	38	
12 / 11																				2	37	
10 / 9			.2															2	2		19	
8 / 7		.1																1	1	1	10	
6 / 5																				2	4	
4 / 3																					4	
2 / 1																					1	
-4 / -5																					1	
Element (X)	Σ X'		Σ X		Σ		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																						

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

FORM 0-26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL

76-85

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1830-2000

1950-2000
HOURS (L.S.T.)

[illegible]

3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL
STATION STATION NAME

76-85

YEARS

JAN
MONTH

PAGE 1 1820-2020
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL										
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point												
72/ 71				.1														1	1														
69/ 67			.1			.2												3	3														
66/ 65		.5	.7	.5	.2													12	12	1													
64/ 63		.2	.6	.1	.1	.2												11	11	7	4												
62/ 61	.2	.3	.1	.2	.6	.1	.1	.1										16	16	5	6												
60/ 59	.1	.7	.5	.7	.2	.1	.3											23	23	13	5												
58/ 57	.1	.5	.1	.2	.8	.6		.1										21	21	16	14												
56/ 55		1.6	.7	.7	.8	.5	.3											40	40	12	7												
54/ 53		1.4	1.1	.3	.5	.9	.2	.1										40	40	26	12												
52/ 51		2.0	1.1	.2	.7	.9	.6											51	51	29	25												
50/ 49	.1	.9	1.1	1.0	1.2	1.4	.3											54	54	46	23												
48/ 47	.9	.9	1.9	1.8	1.2	1.1	.2											72	72	43	35												
46/ 45	.3	1.4	1.8	1.4	2.8	.7												74	74	41	28												
44/ 43	.1	1.4	2.3	2.3	1.5	.5	.3											73	73	62	20												
42/ 41	.3	1.0	2.2	1.9	1.5	.3												64	64	64	46												
40/ 39		1.2	2.2	2.2	2.2	.3												71	71	51	42												
38/ 37		1.1	1.4	2.6	1.1	.2												57	57	83	37												
36/ 35	.3	.8	1.7	2.0	2.6													66	66	60	40												
34/ 33		.2	.7	1.4	1.0													29	29	60	41												
32/ 31		1.4	.3	3.2	.7													49	49	56	73												
30/ 29	.3		.9	.8														18	18	57	50												
28/ 27		.1	.6	.7														12	12	36	54												
26/ 25			.2	.3														5	5	39	45												
24/ 23		.3	.6															8	8	18	32												
22/ 21		.1	.7	.1														4	4	12	28												
20/ 19			.3															3	3	6	50												
18/ 17			.1															1	1	4	17												
16/ 15			.1															1	1	1	26												
14/ 13																				1	30												
12/ 11			.2															2	2	1	43												
10/ 9																					16												
8/ 7																				2	10												
6/ 5																					8												
4/ 3																					6												
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ												
Rel. Hum.																																	
Dry Bulb																																	
Wet Bulb																																	
Dew Point																																	
Mean No. of Hours with Temperature																																	
≤ 0 F																						≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total	

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

PSYCHROMETRIC SUMMARY

122265 MAXWELL AFB AL

76-85

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 7 1500-1700
HOURS (L. S. T.)

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265
STATION

MAXWELL AFB AL
STATION NAME

76-85
YEARS

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							
78/ 77					.1														1	1							
76/ 75				.2	.2														4	4							
74/ 73						.1													1	1							
72/ 71			.3	.1			.3												7	7							
70/ 69		.1			.2		.5	.1	.5	.2									14	14	3						
68/ 67		.1		.3	.3	.1		.2		.6									15	15	7						
66/ 65		.2	.3	.6	.1	.3	.2	.1											17	17	2						
64/ 63	.1	.3	.2	.2	.5	1.6	.6	.6	.3										39	39	3						
62/ 61		.3	.3	.5	.3	.3	.2	.6	.1										24	24	15						
60/ 59		1.2	.3	.7	.9	1.6	.5	.7	.3	.1									56	56	18						
58/ 57		.7	.5	.7	.6	.6	.6	.6	.5	.1									41	41	20						
56/ 55		.5	.9	.3	.9	.5	1.7	1.4											55	55	28						
54/ 53		1.2	.5		.8	1.4	2.0	.8											60	60	42						
52/ 51		.5	.9	.5	.7	1.4	1.4	.3											49	49	36						
50/ 49		.3	1.7	.6	1.1	2.6	1.5	.5											73	73	42						
48/ 47	.3	1.4	.2	1.5	1.8	1.5	1.6	.5											83	83	48						
46/ 45	.2	2.3	.6	.8	1.2	1.8	1.1												71	71	59						
44/ 43	.1	1.4	.2	.9	1.1	1.6	1.0												56	56	82						
42/ 41		.3	1.7	.3	1.1	1.5	.7												50	50	85						
40/ 39			.9	.3	1.6	1.6	.1												39	39	64						
38/ 37		.3	.8	.8	1.1	1.7													38	38	62						
36/ 35		.7	.1	.6	1.7	.8													34	34	58						
34/ 33				.1	1.4														13	13	51						
32/ 31	.1	.8	.6	.1	.8														21	21	45						
30/ 29	.1	.8		.3	.5														11	11	44						
28/ 27			.1	.2															3	3	31						
26/ 25		.2	.2	.3															7	7	16						
24/ 23		.1		.1															2	2	11						
22/ 21																											
20/ 19				.1															1	1							
18/ 17			.1																1	1							
16/ 15			.1																1	1							
14/ 13																											
12/ 11																											
Element (X)	Σ X'				Σ X				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																											

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

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

1270-1400
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/M.I.C.

PSYCHROMETRIC SUMMARY

722265
STATION

MAXWELL AFB AL

STATION NAME

76-85

YEARS

JAN
MONTH

PAGE 1

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
74 / 77					.2													2	2						
76 / 75				.1		.1												2	2						
74 / 73				.7														6	6						
72 / 71		.1	.1		.1		.3											6	6	1					
70 / 69		.1	.2	.1	.1		.5		.1	.1								11	11	3					
68 / 67			.2	.2	.2	.1	.1	.2		.3								13	13	8	4				
66 / 65		.3	.3	.3	.2	.3	.1	.7	.3	.2								26	26	5	5				
64 / 63		.2	.5	.3	.7	.6	.2	.2	.2									26	26	7	8				
62 / 61		.6	.4	.3	1.2	.5	.7	.5	.2									42	42	7	4				
60 / 59	.1	.6	.7	.9	1.0	.8	.3	.6	.1	.2								47	47	21	10				
58 / 57	.2	.5	.2	.5	.8	.7	.8	.1	.5									37	37	26	14				
56 / 55	.1	.8	.6	.7	.6	1.2	1.1	.7	.2									53	53	29	21				
54 / 53		1.0	.7		1.1	.5	1.2	.7										43	43	35	10				
52 / 51		.3	.7	.1	1.8	1.7	1.2	.6										51	51	41	22				
50 / 49		.5	1.5	.6	1.4	1.6	1.4	.2										62	62	36	24				
48 / 47		1.7	1.2	.6	1.1	1.7	1.5	.1										70	70	44	26				
46 / 45	.2	1.7	.7	.8	1.6	1.5	1.0											56	66	67	36				
44 / 43		1.4	1.5	1.4	1.7	1.5	1.1											75	75	68	31				
42 / 41		.8	1.0	.6	1.5	2.1	.1											54	54	62	37				
40 / 39		.6	1.1	.6	2.3	1.9												57	57	72	35				
38 / 37		.5	.2	.8	.8	1.2												31	31	69	38				
36 / 35	.1	.2	.2	1.4	1.5	.5												34	34	55	42				
34 / 33		.2	.2	.7	1.4													22	22	56	39				
32 / 31	.1	.6	.5	1.0	.8													26	26	57	45				
30 / 29		.1	.1	.3	.3													8	13	37	45				
28 / 27		.3		.2														5	5	34	34				
26 / 25		.1	.1	.1	.1													4	4	24	34				
24 / 23			.1	.1														2	2	8	22				
22 / 21				.1														1	1	7	41				
20 / 19		.1	.3															4	4	1	64				
18 / 17			.2															2	2	3	34				
16 / 15																				3	42				
14 / 13																				2	28				
12 / 11																					17				
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ				
Rel. Hum.																									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFE AL

76-85

JAN

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	
27 - 1																						4
27 - 1																						5
27 - 2																						2
27 - 3																						2
27 - 4																						1
27 - 5																						3
27 - 6																						1
27 - 7																						1
27 - 8																						1
27 - 9																						1
27 - 10																						1
27 - 11																						1
TOTAL	2.024	2.26	7.25	1.13	9.6	1.1	.8	.5	.1										887	887	887	887
					</																	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

722265
STATION

MAXWELL AFB AL
STATION NAME

76-85
YEARS

JAN
MONTH

PAGE 1 0900-1101
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/ 69		.1	.2																												3	5			
63/ 67		.7	.1			.1	.1																								6	6	2	1	
66/ 65	.1	.6	.2																												8	3	10	6	
64/ 63	.1	1.0	.5	.2	.1																										17	17	4	9	
62/ 61		.7	.2	.3	.2			.2																							15	15	11	4	
65/ 59	.1	.6	.3	.2	.1	.2																									14	14	11	9	
54/ 57	.1	1.2	.3	.1	.1	.5	.1	.1	.1																						24	24	13	11	
56/ 55		1.6	.6	1.0	.6	.3	.1	.1																							40	40	24	14	
64/ 53		1.1	.5	.7	.3	.4																									28	28	19	16	
62/ 51		1.1	1.3	.9	.6	.7																									38	38	21	20	
50/ 49	.2	1.6	.3	1.4	.7	.7	.2																								50	50	29	19	
46/ 47	.1	1.1	1.5	1.7	.9	.2																									49	49	43	21	
46/ 45	.2	1.6	1.5	1.4	.9	.3	.2																								56	56	37	16	
44/ 43	.2	2.8	2.7	1.2	1.4	.4																									81	81	50	35	
42/ 41	.1	2.0	1.7	1.8	1.1	.7																									66	66	76	44	
40/ 39		1.5	2.6	2.3	1.8	.6																									77	77	64	41	
36/ 37		2.1	1.1	1.9	1.9	.5																									65	65	59	40	
35/ 35	.1	1.0	1.8	3.2	1.2																										65	65	71	53	
34/ 33		.7	1.0	1.2	.9																										34	34	52	45	
32/ 31	.3	.8	2.9	2.7	1.1																										70	70	66	61	
30/ 29		.2	1.7	1.6																											71	31	63	35	
26/ 27			.5	.8																											11	12	56	34	
26/ 25	.2	.1	.9	.3																											13	13	42	34	
24/ 23			.2	.1																											3	3	25	29	
22/ 21		.1	.5	.1																											6	6	11	51	
20/ 19		.1	.6	.1																											7	7	9	38	
18/ 17		.1	.1																												2	2	4	45	
16/ 15			.3																												3	3	5	32	
14/ 13		.1																													1	1	3	30	
12/ 11			.2																												2	2	3	24	
10/ 9		.1																													1	1	1	20	
8/ 7		.1																													1	1	2	21	
6/ 5																																		1	3
4/ 3																																			
Element (X)	Σ _g			Σ _R			Σ			Σ _h			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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMAR

772765
STATION

70XWFL AFN AL

76-85

FEF
MONTH

PAGE 1 1270-140
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pt						
84/ 82										.1	.1							2	2								
82/ 81											.1							1	1								
80/ 79								.1		.1			.1					3	3								
76/ 77						.1	.4	.2	.4	.1	.7	.1	.2					19	19								
74/ 75						.2	.5	.6	.2	.4	.7	.1						21	21								
74/ 73				.1	.4	.2	.5	.1	.6	.5	.1							21	21								
72/ 71			.4	.1	.2	.9	.5	.5	.9	.8	.5							41	41								
70/ 69			.1	.2	.2	.6	1.4	1.6	.7	.8	.1							50	50								
68/ 67			.2	.2	.6	1.3	.7	.4	.8	.9								44	44		1						
60/ 65		.2	.9	.5	.6	.4	.5	.2	.9	.5								40	40		14						
64/ 63			.5	.5	.4	.7	.4	.6	1.8	.2								43	43		21						
62/ 61		.5	.5	.2	.2	.6	.6	1.6	1.3									47	47		33						
60/ 59		.5	.4	.4	.2	.5	.5	.8	.6									34	34		38						
56/ 57		.2	.2	.4	.5	.5	.9	1.1	.4									35	35		61						
56/ 55		.7	.7	.6	.4	.9	.9	.7	.6									46	46		47						
54/ 53		.5	.2	.4	.9	.7	1.1	1.4	.2									46	46		37						
52/ 51		.5	.4	.6	.6	1.2	1.2	.9										45	45		54						
50/ 49		.7	.9	.5	.8	2.0	.9	.5										54	54		43						
42/ 47	.1	.6	.6	1.4	1.4	.9	1.5	.2										60	60		70						
46/ 45		1.4	.9	.5	.8	1.9	.7											52	52		52						
44/ 43		.7	1.9	.7	1.2	.7	.4											47	47		57						
42/ 41		.4	.2	.6	.7	.9												30	30		64						
40/ 39		.4		.7	.8	.8												23	23		76						
38/ 37		.4	.6	.4	1.2	.5												25	25		49						
36/ 35				.2	.5													6	6		45						
34/ 33		.4	.1	.2	.5													10	10		30						
32/ 31				.1	.1													2	2		21						
30/ 29			.2															2	2		19						
28/ 27																					8						
26/ 25																					4						
24/ 23																					1						
22/ 21																											
20/ 19																											
18/ 17																											
Element (X)	Σ X ¹				Σ X				Σ				Σ _n				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

PSYCHROMETRIC SUMMA

722765	MAXWELL AFB AL
STATION	81

76-85

FEB
MONTH

PAGE 2 1200-1
HOURS (L. S.)

[illegible]

PSYCHROMETRIC SUMMARY

FEB
MONTH

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

[illegible]

PSYCHROMETRIC SUMMARY

722265
STATION

MAXWELL AFB AL
STATION NAME

76-85

YEARS

FEB
MONTH

PAGE 7 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

722265
STATION

MAXWELL AFB AL

76-85

FILE
MONTH

PAGE 1

1000-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JUL
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
104/103													.1	.1				2	2								
102/101												.3	.7					9	9								
100/99										.1	.1	1.0	.2					13	13								
98/97										1.6	1.0	.8	.2					33	33								
96/95								.2	2.0	4.0	2.5	.9						48	38								
94/93							.2	3.4	4.9	3.7	1.4	.4		.1				110	137								
92/91					.1	.3	1.7	3.8	4.8	1.0	1.3		.1					121	122								
90/89				.2	1.4	3.3	6.1	2.2	1.2			.1						138	141								
88/87				.7	4.2	5.6	1.8	1.1	.9									132	133								
86/85			.4	2.1	4.1	1.8	.3	.2										83	83								
84/83			1.6	1.6	1.3	.4	.1											47	47		1						
82/81		.2	2.0	1.2	1.0		.2											42	42	18							
80/79		.7	.7	1.3	.4													30	30	149	4						
78/77		.4	.9	.1	.1													14	14	297	16						
76/75		.3	.7	1.4			.1											23	23	242	72						
74/73		.3	.2	.1														6	6	115	183						
72/71	.1	.1	.1	.2														5	5	63	212						
70/69	.2	.1																3	3	26	196						
68/67		.2																2	2	6	123						
66/65																				4	55						
64/63																					29						
62/61																					22						
60/59																					5						
58/57																					1						
56/55																					1						
54/53																					2						
TOTAL	.1	.4	2.6	7.4	7.4	12.4	13.8	16.0	15.1	12.5	6.3	3.5	1.3	.2				921	926		921						
Element (X)																					Mean No. of Hours with Temperature						Total
	Z _X ¹	Z _X				I				° _A				No. Obs.													
Rel. Hum.	2993072	51190				55.6				12.679				921		≥ 0 F ≥ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F											
Dry Bulb	7365275	82407				89.0				5.852				926		93.0 92.0 86.1 27.6						93					
Wet Bulb	5339475	70081				76.1				2.729				921		92.6 83.0 6.8						93					
Dew Point	4582590	64880				70.4				3.628				921		81.4 27.8 .1						93					

PSYCHROMETRIC SUMMARY

YEARS

_____ JULY _____
MONTH

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

[illegible]

PSYCHROMETRIC SUMMARY

122269 MAXWELL AFB AL

75-84

494

STATION

STATION NAME

YEARS

MONTH

PAGE 1

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

[illegible]

3

4

JUL
MONTH

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

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

PSYCHROMETRIC SUMMARY

75-76, 78-84

Alle

STATION

STATION NAME

YEARS

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				
70/ 77		2.3	4.1	1.4														17	17					
70/ 75		9.1	7.8	4.4														47	47	11	2			
74/ 73		12.3	14.2	5.3	.5													72	72	37	32			
72/ 71		8.7	11.4	4.6														54	54	59	38			
70/ 69		4.1	3.7	.9														20	23	51	47			
50/ 67		1.4	.9	.5														6	6	38	47			
66/ 55				.5	.5													2	2	16	26			
64/ 63																				4	17			
52/ 61		.5																1	1		6			
53/ 59																				3	1			
54/ 57																					1			
56/ 55																					1			
44/ 53																					1			
TOTAL	1.4	38.4	42.3	17.4	.9													219	219		219			

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point												
30 / 85					.1	.1												2	2														
34 / 83				.2	1.5													22	22														
37 / 81			1.2	3.3	1.9	.1												61	61														
50 / 79		.6	1.7	5.7	1.9	.2												95	95	3													
75 / 77		1.9	7.9	7.5	2.2	.2												183	183	30	7												
74 / 75	.1	6.1	13.0	4.6	1.2	.1												241	241	114	37												
74 / 73	.5	6.1	10.2	4.4	.2	.1												201	201	247	129												
72 / 71	.2	2.3	4.7	1.6	.2													84	64	255	239												
70 / 69	.1	1.3	.9	.6	.3													29	29	163	247												
66 / 67		.2	.3	.2	.1													8	8	79	140												
66 / 65		.1																2	2	24	69												
64 / 63		.1																1	1	6	32												
52 / 61																				6	16												
50 / 59																				2	5												
54 / 57																					5												
50 / 55																					3												
TOTAL	1.0	18.9	40.9	28.8	9.7	.9												929		929	929												
																		929		929													

PSYCHROMETRIC SUMMARY

AUG
MONTH

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

[illegible]

USAFETAC
FORM
ML 94
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

75-84

YEARS

Aug
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
12/171											.1							1	1															
12/179										.2	.2	.2						1	1															
12/197									.2	.4	.4	.1	.1					13	13															
12/195								.2	1.8	1.8	.8	.3						46	46															
12/197							.2	2.3	2.7	3.5	.6	.1						49	49															
12/191						.5	3.4	6.0	4.2	1.6	.8	.1						151	151															
12/189					.1	1.4	6.2	10.4	1.9	1.2	.4	.1						207	207															
12/187					.5	4.7	6.6	3.2	1.1	1.1	.3	.1						157	157															
12/185					1.5	5.2	3.7	1.4	.5									114	114															
12/183				.5	2.7	1.9	.5	.3										56	56	1														
12/181			.5	.9	1.2	.5	.4	.1	.2									36	36	25														
12/179			.2	1.1	.6	.2												20	20	144	2													
12/177		.1	.2	.9	.8	.1												19	19	262	19													
12/175			.1	.6														7	7	256	42													
12/173			.4	.2														6	6	143	174													
12/171		.1	.1															2	2	51	222													
12/169		.1																1	1	35	201													
12/167																				9	186													
12/165																				2	59													
12/163																					26													
12/161																					18													
12/159																					11													
12/157																					6													
12/155																					3													
12/153																					1													
12/151		.3	1.2	.2	7.4	14.1	20.9	23.7	13.0	10.7	3.7	1.1	.1					930	930	930	930													

Element (X)	Σx'	Σx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2991617	51900	55.6	10.126	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	7304017	82309	88.5	4.560	930			93.0	92.7	88.8	15.4	97
Wet Bulb	5377510	70672	76.0	2.754	930			92.8	83.3	7.1		93
Dew Point	4625361	65471	70.4	3.806	930			80.6	27.7			4

PSYCHROMETRIC SUMMARY

75-84

YEARS

Aug
MONTH

PAGE 1 1572-1730
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
127 99											.4	.3	.2					9	9					
127 97										.7	.4	.4	.1					14	14					
127 95								.1	.9	1.9	.9	.6						41	41					
127 93								1.0	3.0	2.5	.8							67	67					
127 91						.3	1.8	4.7	5.5	3.0	.8	.1						151	151					
127 89						1.7	4.6	8.2	3.3	2.0	.3							185	185					
127 87			.1		.3	3.4	4.5	2.6	1.6	.3	.4							127	127					
127 85			.1	.1	1.3	3.2	2.9	1.4	.5	.2	.2							99	99					
127 83				.5	1.7	1.9	1.2	.5	.6									62	62	1	1			
127 81			.4	2.2	.6	1.4	.3	.5										51	51	10				
127 79			.2	2.0	1.4	.1												41	41	33	2			
127 77		.4	.7	1.2	.6													29	29	221	10			
127 75		.2	.3	.6	.1													22	22	278	53			
127 73	.1	1.7	1.5	.3	.1													10	50	195	158			
127 71				.2														2	2	100	199			
127 69																				31	217			
127 67																				10	127			
127 65																				3	77			
127 63																					40			
127 61																					17			
127 59																					17			
127 57																					8			
127 55																					4			
TOTAL	.1	2.3	4.4	7.5	6.2	12.4	15.4	19.0	15.5	10.9	4.6	1.5	.3					930	930	930				

Element (X)	Σx^2	Σx	$\bar{x}$	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3124271	53247	57.313	3.793	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	7126235	81243	87.4	5.568	930			93.0	92.8	83.0	13.1	93
Wet Bulb	5268269	69948	75.2	2.799	930			92.7	77.8	3.7		93
Dew Point	9532504	64926	69.7	3.852	930			76.7	22.4	.2		93

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

124205
STATION

MAXWELL AFB AL STATION NAME

75-44

YEARS

661
MONTH

PAGE 1 0900-1100
HOURS (11-5-1)

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			
66/ 87							.1	.1	.2									4	4					
66/ 85																		4	4					
64/ 83		.1				.2	.5	.1	.1	.4								16	19	1				
62/ 81				.3	.5	.6	.5	.5	.4	.2								23	23	2	2			
61/ 79			.2	1.2	1.1	1.6	.8	1.0	.3	.2	.1							60	60		1			
76/ 77		.1	.5	1.3	1.7	1.4	1.6	.6	.3	.2	.1							71	71	2	1			
76/ 75		.2	.3	.5	1.5	2.2	1.4	.4	.3	.1	.1							73	73	15	1			
74/ 73		.1	1.2	1.4	1.5	1.5	1.4	.9	.6	.3	.1							76	76	42	10			
77/ 71	.1	.3	1.3	1.1	2.3	.9	1.6	1.0	.6	.1								86	69	38	29			
76/ 69		.4	1.3	1.2	1.4	1.9	1.3	1.1	.3	.1								72	73	56	42			
66/ 67		.3	.9	1.5	.8	1.7	.9	1.4	.3									72	72	74	28			
66/ 65		.5	1.1	1.4	1.6	.5	2.3	1.3	.4									83	83	94	34			
64/ 63		.9	.9	1.1	1.3	1.5	1.7	.5	.1									72	72	90	65			
62/ 61	.1	.6	.3	.3	1.5	1.2	1.1	.9										58	59	77	56			
63/ 59		.2	.5	.6	1.4	1.6	.8	.3										61	61	71	83			
64/ 57		.4	.2	.5	1.3	.7	.5											37	37	71	67			
66/ 55		.2	.7	.2	.5	.9	.4											24	24	58	52			
64/ 53			.6	.2	.3	.2												12	12	79	58			
62/ 51		.5		.3		.1												6	6	66	49			
60/ 49			.2	.2	.2													6	6	49	46			
46/ 47				.1														1	1	24	44			
46/ 45				.1														1	1	19	55			
44/ 43																				4	49			
42/ 41																				4	51			
41/ 36																				1	29			
26/ 37																					22			
74/ 35																					25			
34/ 33																					15			
76/ 31																					10			
76/ 29																					2			
66/ 27																					2			
TOTAL	.2	4.	7	10.	9	13.	7	18.	4	19.	4	16.	2	10.	1	4.		927	927	927	927			
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	3534379		55413		59.9		15.483		927		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb	4571948		64188		69.2		7.866		927						57.7		34.0		9.0				93	
Wet Bulb	3458232		56154		60.6		7.821		927						23.1		6.2		.3				97	
Dew Point	2793349		49941		53.9		10.538		927				1.4		11.3		1.5		.3				97	

PSYCHROMETRIC SUMMARY

YEARS

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														
81		.1																1	1																
79			.1	.1														2	2	1	1														
77		.4	.2															6	6	1	1														
75		.4	.5	.2	.1													12	12	4	4														
73		1.7	1.4	.5		.1												35	35	10	2														
71		1.5	2.3	.9	.3	.2		.2										47	47	27	21														
69	.2	1.5	2.1	.9	.2	.1	.2	.1										49	49	29	26														
67	.4	.7	3.4	1.5	.3	.1												59	59	45	33														
65		.8	2.9	1.1	.2	.2												53	53	32	27														
63		1.6	3.9	1.4	.3	.2	.2											71	71	55	35														
61		2.9	4.4	1.2	.3													81	81	63	43														
59		3.1	2.3	1.5	1.3	.2	.2											81	81	86	56														
57		2.3	2.5	1.4	.3													60	60	45	22														
55		2.7	2.3	1.9	1.4	.4												52	52	66	64														
53		1.3	3.5	1.2	.4													59	59	66	59														
51		1.5	3.2	1.2	.3	.2												59	59	53	63														
49		1.2	2.7	.8	.1													44	44	72	51														
47	.1	1.5	1.2	1.1														41	41	64	63														
45	.1	1.3	1.2	.7														30	30	59	52														
43		.5	1.7	.3														24	24	33	53														
41		.7	.5	.1														9	9	26	51														
39		.7	.2															8	8	23	39														
37		.4																4	4	14	33														
35		.1																1	1	3	27														
33																				1	12														
31																					10														
29																					2														
TOTAL		28.0	44.4	17.8	6.1	1.9	.7	.3											918	918	918														

Element (X)	Σx'	Σx	Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5761946	72068	78.5	10.661	918	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	3236768	54334	59.2	8.748	918			21.4	5.7	.1		53
Wet Bulb	2898755	50945	55.5	8.832	918			11.9	1.6	.1		93
Dew Point	2607302	48058	52.4	9.985	918		1.2	8.9	.8			93

USAFETAC FORM 0-26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

76-84

051

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0300-0500

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

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE : 2120-2130
HOURS (L. S. T.)

[illegible]

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

USAFETAC FORM

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265
STATION

MAXWELL AFB AL
STATION NAME

75-84
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
97/ 89									.1	.6	.4	.1						11	11		
97/ 87							.2	.5	1.0	.8								20	22		
96/ 85					.3	1.0	1.2	1.8	.8	.1								47	47		
94/ 83			.1	.6	.8	2.0	2.6	1.2	.3		.3	.1						71	71		
92/ 81			.1	1.7	2.0	2.9	2.1	1.1	.4	.1								94	94		
90/ 79		.1	1.6	2.4	2.7	3.7	.6	.4	.6	.1								109	109	1	
78/ 77		.4	2.6	2.8	4.1	1.7	.8	.9	.3	.1								123	123	17	2
76/ 75		1.0	2.9	2.3	3.0	1.9	1.0	.4	.1									113	113	54	10
74/ 73	.1	.4	1.4	3.3	1.2	1.6	.7	.1	.3									89	89	145	44
72/ 71		.7	3.0	1.8	1.6	.9	.7	.6										82	82	159	87
70/ 69		.2	.7	1.8	.9	.8	.2	.2	.4									47	47	143	95
68/ 67		.9	.6	.9	.2	.7	.5	.2	.1									35	35	109	110
66/ 65		.1	.7	.2	.4		.1	.2										16	16	72	142
64/ 63			.4	.4	.2	.2	.2	.1										14	14	72	99
62/ 61			.2		.1		.2											5	5	34	67
60/ 59			.2	.1	.2		.1	.1										7	7	28	55
58/ 57			.7	.3	.2		.1											12	12	20	45
56/ 55			.2	.2														4	4	9	34
54/ 53																				15	23
52/ 51																				12	29
50/ 49																				6	7
48/ 47																				2	15
46/ 45																				1	15
44/ 43																					3
42/ 41																					3
40/ 39																					5
38/ 37																					2
36/ 35																					3
34/ 33																					2
32/ 31																					2
TOTAL	.1	4.2	15.6	18.9	14.0	17.1	10.9	8.2	4.6	1.4	.7	.2						899	899	899	899
Element (X)	Σ X ²		Σ X		X		σ _s		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.	4053557		59019		65.7		14.014		899		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb	5280079		68657		76.4		6.394		899				84.2	67.8	29.3		90				
Wet Bulb	4218252		61362		68.3		5.774		899				62.9	21.7			90				
Dew Point	3672414		57052		63.5		7.595		899			.2	34.8	5.6			90				

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 75-84 SEP
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	Dew Point																	
100/ 99															.4	.1																5					
98/ 97														.8	.3																	10					
96/ 95											.3	.4	.7	.2																		15					
94/ 93										.1	1.1	2.1	1.0	.3	.2																	44					
92/ 91								.4	1.8	2.9	1.6	.4	.1		.2																	67					
90/ 89							.3	3.8	2.6	2.4	.8	1.1		.1																		100					
88/ 87						.9	2.6	2.6	2.8	1.0	.7	.8	.1																			101					
86/ 85				.1	.7	1.9	1.6	3.0	1.4	1.4	.1	.2																				90					
84/ 83			.6	.9	1.0	2.1	1.9	1.3	1.1	.4	.1																					85					
82/ 81		.1	.2	.6	1.1	1.9	.6	1.2	.8	1.1	.3																					75					
80/ 79		.1	.3	1.7	1.3	.8	.8	.9	.8	.6	.2																					67			3		
78/ 77			1.0	1.4	1.3	.3	.8	.8	.9	.9	.1																					66			48	2	
76/ 75		.3	.8	1.7	.8	1.2	.4	.4	.2	.7	.1																					60			126	11	
74/ 73			.4	1.0	.8	.4	.3	.2	.9	.3																						38			213	36	
72/ 71			1.3	.2	.4	.1	.4	.1	.1																							25			134	65	
70/ 69		.1	1.6	.3	.2		.1		.2																							23			91	96	
68/ 67						.1	.1	.1																								3			77	132	
66/ 65			.3	.1		.1																										5			68	112	
64/ 63			.2																													2			45	99	
62/ 61			.4		.1	.1																										6			37	64	
60/ 59		.1	.4	.3																												8			13	63	
58/ 57				.4																												4			4	25	46
56/ 55																																			9	39	
54/ 53																																			6	26	
52/ 51																																			4	33	
50/ 49																																				21	
48/ 47																																				18	
46/ 45																																				10	
44/ 43																																				14	
42/ 41																																				8	
40/ 39																																				3	
38/ 37																																				1	
TOTAL		.8	7.1	8.5	7.5	9.3	9.9	15.5	13.9	13.6	7.2	4.1	2.0	1.3	.3																		899			899	
Element (X)	2g'	2g	X	g	No. Obs.	Mean No. of Hours with Temperature																															
Ref. Num.	2707796	47232	52.5	15.975	899	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb	6274624	74832	83.1	7.649	900			87.5	82.4	62.9	7.5																										
Wet Bulb	4446597	63039	70.1	5.404	899			69.3	39.0																												
Dew Point	3601685	56491	62.6	7.608	899			34.2	4.9																												

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

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 2 1220-1400
HOURS (L. S. T.)

[illegible]

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

JSAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72265 MAXWELL AFB AL

72-84

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
102/101														.2				2	2		
100/99													.2	.3				5	5		
98/97												.4	.7	.1				11	11		
96/95											.2	.7	.3					16	16		
94/93									.4	1.3	2.4	.4		.3				49	49		
92/91					.1		.1	.9	2.8	3.1	1.1	.3	.1	.2				79	79		
90/89							1.0	5.0	1.8	2.3	1.0	.4		.1	.1			106	106		
88/87						1.1	4.4	3.4	3.3	.6	.4	.6	.1					126	126		
86/85				.2	.9	2.0	1.8	2.1	1.2	.4	.4	.2	.1					93	93		
84/83				.1	1.7	1.8	1.8	1.4	1.3	1.7	.4							92	92	1	
82/81				.7	1.7	1.7	.4	1.6	1.4	.4	.4							78	78		1
80/79		.1		.2	.4	.3	.7	.7	1.4	.8	.1							47	47	7	
78/77			.2	.8	.4	.4	.4	.2	1.1	.4								37	37	73	1
76/75		.6	.5	1.0	.7	1.7	.4	.4	.3	.8	.1							59	59	191	9
74/73		.3	.4	.6	.3	.4		.2	.9	.4								33	33	178	34
72/71		.1	.7	.2	.3	.1	.2	.3	.4	.1								23	23	112	96
70/69		.1	.7	.1	.1		.1		.1									11	11	65	129
68/67		.1	.7						.2									9	9	70	129
66/65		.1	.7															7	7	60	102
64/63			.1															1	1	49	83
62/61			.4	.2	.2													8	8	29	55
60/59			.1	.4	.1													6	6	15	54
58/57			.1	.1														2	2	22	40
56/55																				10	41
54/53																				8	23
52/51																				2	26
50/49																					20
48/47																					23
46/45																					8
44/43																					13
42/41																					7
40/39																					6
38/37																					4
Element (X)	Σ X'		Σ X		I		°A		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 0265 (OLA) 12-10-60 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265
STATION

MAXWELL AFB AL
STATION NAME

75-84
YEARS

SEP
MONTH

PAGE 1 5900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
96/ 95											.1	.1						2	2						
94/ 93										.1	.2	.1						4	4						
92/ 91						.1	.1		.7	.6	.2							15	15						
90/ 89							.4	1.6	1.0	.4	.3							34	34						
88/ 87						1.7	2.4	2.0	.7	.1		.1						60	60						
86/ 85				.3	1.0	2.7	2.9	2.3	.1	.3								87	67						
84/ 83				.6	3.1	3.9	2.0	.7	.1	.3								96	96						
82/ 81			.4	1.9	3.6	3.2	1.7	1.1	.6	.1	.2							115	115	1					
80/ 79			.4	2.1	3.8	2.6	1.0	1.0	.7	.1								110	110	6					
78/ 77		.1	1.1	3.1	2.4	.8	1.3	.8	.6	.1								93	93	47	2				
76/ 75		.6	1.2	1.1	1.6	1.6	1.4	1.1	.6									82	82	135	21				
74/ 73		.3	.4	1.6	.3	1.8	.7	.3	.1	.1								51	51	188	54				
72/ 71		.4	.7	.6	1.1	1.2	.4	.3	.3	.1								49	49	134	110				
70/ 69		.1	.9	.6	1.1	.6	.3	.4	.3									39	39	83	135				
68/ 67		.1	.5	.3	.1	.1	.1	.4	.1									17	17	54	135				
66/ 65		.1	.9	.3	.1	.2	.3	.1	.1									20	20	70	98				
64/ 63			.3	.2	.3		.1	.2										11	11	60	58				
62/ 61			.1	.2			.1	.1										5	5	49	38				
60/ 59				.1	.2													3	3	21	48				
58/ 57			.2	.3														5	5	10	58				
56/ 55			.1	.1														2	2	16	39				
54/ 53																				13	23				
52/ 51																				9	15				
50/ 49																				3	18				
48/ 47																				1	15				
46/ 45																					9				
44/ 43																					6				
42/ 41																					5				
40/ 39																					5				
38/ 37																					5				
36/ 35																					1				
34/ 33																					1				
32/ 31																					1				
Element (X)	ΣX^2		ΣX		$\bar{X}$		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																									

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

75-84
YEARS

SEP
MONTH

PAGE 1

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL														
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
84/ 83						.1												1		1																
82/ 81					.2	.3												5		5																
80/ 79		.1	.5	1.3	1.4	.4												35		35																
78/ 77		.7	.7	2.7	1.9	.4												59		59	1															
76/ 75		1.0	4.9	5.2	1.9	.6												122		122	15															
74/ 73	.1	3.3	5.9	5.7	.8	.1	.1											144		144	72															
72/ 71	.1	3.8	7.6	3.1	1.2		.2											145		145	170															
70/ 69	.1	1.3	6.2	1.4	1.9	.9	.2											109		109	152															
68/ 67		.6	2.8	2.9	.7	.6	.2											69		69	133															
66/ 65		1.4	2.2	1.9	.7	.4	.3											63		63	88															
64/ 63		.6	1.6	1.3	.4	.3	.1	.1										40		40	63															
62/ 61		.8	1.7	.7	.3	.2		.1										34		34	73															
60/ 59		.7	1.1	.4	.4			.1										25		25	57															
58/ 57		.3	.8		.2	.1	.1	.1										15		15	41															
56/ 55		.1	.4	.2	.1		.3											11		11	21															
54/ 53		.1	.6				.2											8		8	22															
52/ 51		.1	.6	.1	.1		.1											9		9	9															
50/ 49			.3															3		3	11															
48/ 47						.1												1		1	9															
46/ 45			.2															2		2	4															
44/ 43																					4															
42/ 41																					4															
38/ 37																					1															
36/ 35																																				
32/ 31																																				
30/ 29																																				
26/ 27																																				
24/ 23																																				
TOTAL	.3	14.9	34.2	27.0	12.3	4.7	2.1	.4										900		900	900															
Element (X)	Σx'			Σx			Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ		
Rel. Hum.	5469332			69448			77.2			11.032			900			≤ 0 F			≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb	4468621			63171			70.2			6.208			900									68.9			36.6			2.0						9		
Wet Bulb	3903748			58978			65.5			6.574			900									49.3			8.8									9		
Dew Point	3577852			56270			62.5			8.151			900			1.2			33.1			2.9												9		

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

PSYCHROMETRIC SUMMARY

YEARS

SE
MONTH

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

[illegible]

PSYCHROMETRIC SUMMAR

YEARS

AUG
MONTH

PAGE 1 2200-230
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pt.			
48/ 87						.2												1	1					
46/ 85					.6	.6												9	9					
34/ 83			.2	1.1	1.9	.5	.2	.2										25	25					
32/ 81			1.6	3.9	3.7	1.8	.2	.2										70	70					
30/ 79			6.8	8.5	4.5	1.3												131	131	1				
75/ 77		2.7	8.7	8.2	5.8	.3	.2											161	161	24				
76/ 75		3.1	7.9	7.3	1.8	.6												178	128	136				
74/ 73	.3	3.7	4.7	2.3	.5	.3												73	73	160	12			
72/ 71		1.7	1.1	1.3														21	21	165	14			
70/ 69				.4														1	1	95	12			
68/ 67																				21	11			
66/ 65																				16	4			
64/ 63																				2	1			
62/ 61																								
60/ 59																								
58/ 57																								
TOTAL	.3	10.5	31.0	32.7	18.9	5.6	.6	.3											620	620	620	62		

Element (X)	Σ X²	Σ X	X̄	s _n	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3802031	48261	77.8	8.562	620	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	3740595	48121	77.6	3.036	620			93.0	89.7	26.6		
Wet Bulb	3265512	44966	72.5	2.641	620			90.3	48.2			
Dew Point	3051849	43451	70.1	3.291	620			81.3	24.5			

PSYCHROMETRIC SUMMA

YEARS

ALL
MONTH

PAGE 1 1400-25
HOURS (L. S.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew		
95 / 95										.1	.1							2	2				
94 / 93									.2	.2								4	4				
92 / 91							.1	.3	.4	.2								12	12				
90 / 89						.3	1.2	1.3	.6	.2	.1							36	36				
88 / 87					.2	3.2	3.0	1.2	.9									79	79				
86 / 85				.6	2.4	5.2	3.2	1.1	.2	.1								119	119				
84 / 83			.1	3.1	4.2	3.6	2.6	.8	.1	.1								135	136				
82 / 81		.1	.3	5.2	5.8	3.4	.6	.5										154	154				
80 / 79		.1	2.2	4.1	4.5	1.7	.6	.2										173	173	23			
78 / 77		.5	3.3	3.3	3.5	.2	.2											179	179	131			
76 / 75	.1	1.2	3.4	2.6	.9	.4												92	92	237			
74 / 73	.4	2.5	2.3	.2	.3													53	53	245	1		
72 / 71	.3	.4	.5															12	12	174	2		
70 / 69																				82	1		
68 / 67																				23	1		
66 / 65																				13			
64 / 63																							
62 / 61																							
60 / 59																							
58 / 57																							
56 / 55																							
TOTAL	.5	4.7	14.1	19.7	21.0	18.1	12.7	5.4	2.5	1.0	.2							926	926	928	9		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265
STATION

MAXWELL AFB AL
STATION NAME

75-84
YEARS

00
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb De			
92/ 91							.1			.2	.3							6	6				
90/ 89							.1	.3	.2	.2		.1						9	9				
88/ 87						.1	.4	.9	.5	.1	.2	.1						22	22				
86/ 85				.2		.4	1.2	1.3	1.1	1.1	1.4	.1						53	63				
84/ 83					.3	1.1	.9	1.4	1.8	.6	.3	.2		.2				68	68				
82/ 81				.5	.9	1.9	1.6	3.1	1.8	1.2	.9	.2	.3		.2			107	107				
80/ 79		.1		.4	.4	.9	1.2	2.5	1.2	.9	.2	.2						74	74				
78/ 77			.3	.1	.1	1.3	1.0	2.6	1.8	.8	.5	.3						81	81	2			
76/ 75			.1	.4	.4	1.4	1.1	1.7	1.3	1.9	1.5	.1						93	93	25			
74/ 73		.1	.9	.4	.2	.9	1.0	1.0	1.3	1.8	.2	.1						72	72	55			
72/ 71		.2	.6	.5	1.0	.8	.9	1.5	1.3	1.8	.7							82	82	42			
70/ 69		.3	.3	.6	.5	.2	.9	1.0	2.0	1.1	.1							66	66	68			
68/ 67		.2	1.3	.2	.4	.3	.9	1.7	1.6	.9								67	67	112			
66/ 65		.2	.1	.4	.4	.2	.5	1.3	1.6									45	45	89			
64/ 63		.1	.1	.5	.1	.3	.5	.3	.3									22	22	96			
62/ 61		.3	.1		.1	.2		.2	.2									11	11	70			
60/ 59		.2	.3	.3		.2	.1	.3										14	14	63			
58/ 57		.1	.3	.1	.1	.1		.1										12	12	75			
56/ 55			.2		.1	.3												7	7	72			
54/ 53		.2	.2		.1													5	5	65			
52/ 51				.1														1	1	51			
50/ 49																				23			
48/ 47																				8			
46/ 45																				7			
44/ 43																							
42/ 41																							
40/ 39																							
38/ 37																							
36/ 35																							
34/ 33																							
32/ 31																							
30/ 29																							
28/ 27																							
24/ 23																							
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ				
Rel. Hum.																							
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMA

732265 MAXWELL AFB AL
STATION 31

75-84

05
MONTH

PAGE 2

1220-14
HOURS 11. 5.

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MAY
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 Pt.			
82/ 81					.3	.1	.1		.1									6	6					
80/ 79				.3	.4	.4												11	11					
78/ 77			.4	1.6	1.2			.1										31	31					
76/ 75		.4	1.3	2.7	.5	.4	.3	.2										59	59	2				
74/ 73		.8	2.5	3.7	1.6	.5	.3											88	88	20				
72/ 71		.9	5.7	3.2	1.2	1.2	.6											119	119	58	1			
70/ 69	.1	1.9	5.6	2.5	1.4	1.2	.2											120	120	83	5			
68/ 67		1.4	7.1	2.7	1.5	1.0	.1											128	128	101	8			
66/ 65		2.4	4.4	1.6	1.6	.4	.1											96	98	126	6			
64/ 63		1.6	2.3	2.0	1.2	.5	.2											71	71	119	10			
62/ 61		1.5	2.9	1.5	1.1	.3												68	68	110	10			
60/ 59	.1	1.7	2.2	1.9	.4													52	52	87	5			
58/ 57		.5	1.3	.9	.1	.3												29	29	73	5			
56/ 55		.6	1.0	.9	.3													23	23	47	8			
54/ 53		.2	1.1	.4	.2													18	18	48	6			
52/ 51		.3	.1	.1														5	5	24	6			
50/ 49		.2	.1	.1														4	4	22	6			
48/ 47																				6	1			
46/ 45																				3	2			
44/ 43																				1	1			
42/ 41																								
40/ 39																								
38/ 37																								
36/ 35																								
TOTAL	.2	13.7	38.3	25.8	13.1	6.5	2.0	.3	.1									930	930	930	93			

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5440123	70393	75.7	10.942	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	4269626	62758	67.5	6.104	930			56.2	19.5	1.1		
Wet Bulb	3682579	58255	62.6	6.005	930			26.4	2.2			
Dew Point	3322133	55185	59.3	7.153	930			16.4	.3			

PSYCHROMETRIC SUMMA

722765
STATION

MAXWELL AFB AL

75-84

YEARS

MAY
MONTH

PAGE 1

0900-11
HOURS (L. S.)

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															
92/ 91								.1		.2								3	3																
93/ 89								.2	.3	.2			.2					9	9																
88/ 87					.1		.5	.8	.6	.1	.3	.1						26	26																
86/ 85						.9	1.3	.9	.4	.5	.2	.2						41	41																
84/ 83					.5	1.7	1.1	1.1	.4	.5	.1							51	51																
82/ 81				.2	1.5	2.2	3.0	1.3	1.5	.4	.5							99	99																
80/ 79			.1	.8	2.2	3.1	1.7	2.2	1.0	.5	.2							109	109	1															
75/ 77		.2	1.2	3.5	2.5	2.4	1.6	1.0	.2	.1								118	118	2															
76/ 75		.4	2.4	3.2	2.7	1.8	1.5	1.5	.1									119	119	26															
74/ 73		.6	1.9	.9	1.7	1.9	.8	.6	.1	.1								81	81	84															
72/ 71		.4	1.4	2.3	1.5	1.0	1.0	.6	.3	.2								81	81	91															
70/ 69		.3	1.6	1.5	.9	1.3	.9	.6	.2	.1								69	69	124															
68/ 67		.2	1.6	1.4	.4	1.0	.2	.4										49	49	143															
66/ 65		.3	.9	.2	.6	.9	.5	.1	.1									34	34	120	1														
64/ 63		.5	.5	.5	.2	.3	.1	.1										23	23	110	1														
62/ 61			.1	.4	.2	.2	.2	.2										13	13	88															
60/ 59				.1	.1													2	2	49															
58/ 57					.1													1	1	40															
56/ 55					.2													2	2	25															
54/ 53																				15															
52/ 51																				3															
50/ 49																				9															
48/ 47																																			
46/ 45																																			
44/ 43																																			
42/ 41																																			
40/ 39																																			
38/ 37																																			
36/ 35																																			
34/ 33																																			
TOTAL		1.9	7.5	12.9	16.2	19.4	16.0	12.5	4.1	3.3	1.6	.5						930	930	930	9														
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.	3596494	54696	58.8	13.907	930	≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total																	
Dry Bulb	5398234	76612	75.9	6.301	930					85.5		65.6		28.6																					
Wet Bulb	4085168	61428	66.1	5.465	930					47.1		11.3																							
Dew Point	3377868	55604	59.8	7.578	930					18.6		.8																							

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

122265 MAXWELL AFB AL
STATION STATION NAME

75-84
YEARS

MAY
MONTH
PAGE 1 1200-1800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL										
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
96/ 95											.1		.1					2	2													
94/ 93										.3	.5	.1	.1					10	10													
92/ 91									.6	.9	.6	.1	.3		.3			27	27													
90/ 89					.1		.2	1.1	1.3	1.6	.2	.6	.5					53	53													
88/ 87						.2	1.4	1.3	2.5	1.3	1.0	.2	.1	.1				77	77													
86/ 85						.5	1.5	3.2	2.0	2.5	.5	1.0	.2					110	110													
84/ 83						1.7	2.3	2.7	1.8	1.9	1.9	.5	.2					115	115													
82/ 81					.4	1.6	2.8	1.9	2.2	1.1	1.8	.1						111	111	1												
80/ 79					.8	2.2	1.5	1.8	1.6	1.4	.8							93	93		1											
78/ 77		.1		.4	2.0	.8	1.8	.6	1.3	1.4	.4	.1						84	84	6												
76/ 75			.1	1.5	1.2	1.1	1.0	1.0	1.1	.8	.1							72	72	50	1											
74/ 73			.3	.9	.6	.3	.5	.5	1.1	.5								44	44	80	3											
72/ 71		.2	.9	.8	.9	.1	.3	.5	.5	.1	.1							41	41	125	15											
70/ 69		.4	.6	.3	.9	.5	.4	.2	.3	.1								35	35	135	56											
68/ 67		.3	.5	.4	.8	.2	.2	.1		.1								25	25	130	82											
66/ 65		.1	1.1	.5	.3			.1										20	20	117	104											
64/ 63		.4		.2		.1												7	7	91	107											
62/ 61				.2														2	2	84	90											
60/ 59					.1													1	1	86	79											
58/ 57					.1													1	1	31	69											
56/ 55																				16	68											
54/ 53																				4	48											
52/ 51																				5	34											
50/ 49																				1	57											
48/ 47																					43											
46/ 45																					25											
44/ 43																					19											
42/ 41																					14											
40/ 39																					10											
38/ 37																					1											
36/ 35																					1											
34/ 33																					2											
32/ 31																					1											
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																																
Dry Bulb																																
Wet Bulb																																
Dew Point																																

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

PSYCHROMETRIC SUMMARY

722265
STATION

MAXWELL AFB AL

75-84

4 MAY
MONTH

PAGE 2 1230-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

722265
STATION

MAXWELL AFB AL

75-84

YEARS

MAY
MONTH

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

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

122265
STATION

MAXWELL AFB AL
STATION NAME

75-84
YEARS

MAY
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			
96/ 89									.3			.1						4		4				
96/ 87							.3	.1	.5			.1						9		9				
86/ 85						.3	.5	1.2	.7		.4							29		29				
84/ 83					.5	.4	1.1	.5	.5	.2	.2							34		34				
82/ 81				.2	1.1	1.5	1.7	1.3	1.1	.2	.4	.1						71		71				
80/ 79			.7	1.2	3.7	2.1	1.3	1.1	.8			.1						100		100				
78/ 77		.1	1.2	2.9	2.9	1.7	1.0	1.4	.5	.1								109		109	1			
76/ 75		.2	2.6	3.9	2.5	2.0	1.4	.2	.3	.1								128		128	14			
74/ 73	.5	2.7	2.1	2.2	2.2	2.0	1.3	.3										115		115	49			
72/ 71	.7	1.4	1.7	2.2	1.3	2.0	.5	.3		.1	.1							91		91	85			
70/ 69	.7	1.1	1.7	1.7	2.3	.9	.7	.1										83		83	138			
68/ 67	.7	1.8	1.1	.8	.9	1.1	.4											61		61	131			
66/ 65	.4	1.1	1.0	.7	.1	.7	.1											37		37	117			
64/ 63		.4	1.1	.1	.8	.2												24		24	116			
62/ 61	.2	.3	.8	.2	.2													16		16	103			
60/ 59	.1	.2		.4														7		7	68			
58/ 57				.1														1		1	48			
56/ 55																					26			
54/ 53																					19			
52/ 51																					8			
50/ 49																								
46/ 47																								
46/ 45																								
44/ 43																								
42/ 41																								
40/ 39																								
38/ 37																								
34/ 33																								
TOTAL	2.8	9.4	14.3	14.0	16.9	16.0	9.9	6.6	2.2	1.5	.4							919		919	919			

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

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

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

[illegible]

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

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

JUN
MONTH

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

[illegible]

PSYCHROMETRIC SUMMARY

722265	MAXWELL AFB AL
STATION	STATION NAME

75-84

YEARS

JUN
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUN
MONTH

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

[illegible]

USAFETAC
FORM
JUL 64
0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

75-84

YEARS

438
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											.4	.1	.2	.1				8	8						
20/ 97										1.3	.4	.2	.6					20	20						
30/ 95								.1	.2	1.6	.6	1.5	.3	.2				40	40						
40/ 93							.2	.3	1.7	2.7	1.8	1.0	.1	.6				75	75						
50/ 91							.4	1.7	4.4	3.3	2.4	.2	.6	.1				110	116						
60/ 89						.1	2.5	3.9	3.8	3.6	1.1	.7	.8					147	147						
70/ 87						1.7	3.4	3.6	3.5	2.2	.8	.7						141	141						
80/ 85					.6	2.4	3.1	2.6	1.3	1.6	1.1	.3						116	115						
90/ 83					2.4	1.2	2.2	.9	.9	1.2	.8	.1						87	87						
100/ 81				.2	.4	1.0	.9	.3	.7	.7	.2		.2					42	42		7				
110/ 79			.1	.3	1.1	1.3	.1	.6	.1	.6								39	39	28					
120/ 77			.6	.6	.4	.2	.2	.2	.3	.2								25	25	123	1				
130/ 75		.2	.7	.6	.1		.1											16	16	178	13				
140/ 73		.4	.4	.3		.1												12	12	204	74				
150/ 71		.1	.3	.1		.1												6	6	152	111				
160/ 69		.1																1	1	73	134				
170/ 67																				56	136				
180/ 65																				37	110				
190/ 63																				18	78				
200/ 61																				12	71				
210/ 59																				3	42				
220/ 57																					22				
230/ 55																					22				
240/ 53																					27				
250/ 51																					26				
260/ 49																					10				
270/ 47																					9				
280/ 45																					2				
290/ 43																					1				
300/ 41																					2				
310/ 37																									
TOTAL		.9	2.1	2.1	5.1	8.3	13.2	14.3	16.9	18.6	9.7	4.9	2.8	1.0				891	891		891				
Element (X)	ΣX ²		ΣX		Σ		Σ _A		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.	2330267		44067		49.5		13.017		891		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb	6842477		77935		87.5		5.360		891						90.0		89.3		82.1		1.4		93		
Wet Bulb	4750132		64963		72.9		3.981		891						82.9		54.5		1.3				40		
Dew Point	3856529		58343		65.5		6.378		891						47.4		8.9						9		

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

PSYCHROMETRIC SUMMARY

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				
12/101												.1	.1					2	2					
10/99											.1	.1	.2		.1			5	5					
8/97											.1	.0	.4	.4	.2			19	19					
6/95									.6	.9	1.5	1.0	.7	.2	.1			44	44					
4/93								.3	1.2	2.4	2.1	1.3	.7	.7	.1			79	79					
2/91						.1	.1	1.3	2.9	3.0	3.8	1.3	.9	.1				121	121					
0/89								1.6	4.5	3.8	4.3	1.2	1.0	.3				149	149					
8/87							.9	2.4	3.1	3.4	1.7	1.3	.9	.1				127	127					
6/85				.1	.5	1.5	1.2	2.8	.9	1.9	1.2	.4	.2					97	97					
4/83				.2	.5	.9	1.3	.9	.1	.9	.9	.3	.3					59	59	1				
2/81				.6	1.1	2.7	.5	.1	.2	.2	.7							49	49	1				
0/79			.6	.9	1.5	.9	.3	.6	.2	.3	.1							45	45	16				
74/77			.7	1.0	1.2		.2	.2	.1	.1								12	12	97				
76/75		.2	1.2	.7	.4		.1											24	24	162				
74/73		.3	.7	.7	.1													18	18	215				
72/71		.3	.7	.3														12	12	170				
70/69			.2	.1														3	3	79				
68/67			.1	.1														2	2	71				
66/65																				141				
64/63																				119				
62/61																				90				
60/59																				78				
58/57																			4	36				
56/57																				41				
54/55																				24				
52/53																				30				
50/51																				20				
48/49																				13				
46/47																				7				
44/45																				5				
42/43																				2				
40/39																				1				
38/37																				1				
TOTAL		.9	4.2	4.9	5.7	6.2	8.4	13.9	13.5	15.7	13.9	7.1	3.9	1.3	.2			890	890	890				
																		890	890					

PSYCHROMETRIC SUMMARY

YEARS

HOURS (L. S. T.)

JSAFETAC 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

75-84
YEARS

MAF
MONTH

PAGE 1 1222-1430
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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	.4		.2		.1						3	4															
84/ 83								.6	.8	.2	.4		.3						22	22															
82/ 81					.3	.9	.4	.4	.1	.3	.2		.3	.2					30	30															
80/ 79					.8	1.0	.7	.6	.5	.8	.3	.1	.1						41	41															
78/ 77				.1	.4	.3	.6	.5	1.5	1.0	.5	.4	.1						52	52															
76/ 75				.2	.4	.5	1.1	1.7	1.1	.4	.6								57	57															
74/ 73			.1	.2	.4	1.2	1.4	.8	.9	1.2	.6	.1							64	64	7														
72/ 71			.1	.4	1.1	.4	.3	.9	.9	1.1	.5								56	56	24														
70/ 69			.2	.8	.6	1.0	.9	1.3	1.3	1.0	.6								71	71	32	9													
68/ 67			.6	.6	.5	1.2	.9	1.0	1.1	1.0	.1								65	65	17	12													
66/ 65		.1	1.3	.2	.2	.3	.5	.9	1.4	.9	.1								55	55	37	20													
64/ 63		.5	.3	.3	.6	.9	.5	1.8	1.6	.3									65	65	65	26													
62/ 61		.6	1.9	.8	.3	.3	.3	1.8	1.5										79	79	47	20													
60/ 59		.5	1.7	.3	.3	.4	.5	1.5	.8										50	50	68	46													
58/ 57		.4	.2	.4	.7	.3	1.1	1.4	.2										40	40	45	50													
56/ 55		.1	1.3		.5	.3	1.3	1.0											43	43	69	45													
54/ 53			.3	.5	.3	.1	1.0	.6											31	31	55	55													
52/ 51			.4	.5	.4	.4	.3	.1											21	21	62	36													
50/ 49		.2	1.6	.1	.2	.2	1.2	.1											34	34	63	36													
48/ 47		.1	.5	.2	.4	.2	.2												16	16	79	61													
46/ 45		.1	.2	.2	.1	.4	.2												12	12	67	53													
44/ 43		.1	.2	.2	.2	.4													11	11	33	39													
42/ 41				.3															3	3	31	43													
40/ 39					.1														1	1	16	40													
38/ 37																					12	41													
36/ 35					.1														1	1	14	40													
34/ 33				.1															1	1	4	43													
32/ 31				.1															1	1		62													
30/ 29																					1	24													
28/ 27																					1	40													
26/ 25																					1	29													
24/ 23																						11													
22/ 21																						18													
20/ 19																						14													
Element (X)	Σ X ²		Σ X		Σ		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																																			

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

PSYCHROMETRIC SUMMARY

75-84

YEARS

MAR
MONTH

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

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72265 MAXWELL AFB AL

75-84

YEARS

MAR
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
92/ 81							.2	.1	.1										4		4														
90/ 79						.9	.1	.2	.1			.1							11		11														
73/ 77						.8	.1	.2	.2	.1	.3								16		16														
70/ 75				.2	.5	.5	.7	.5	.2	.1									20		20														
74/ 73			.3	.6	.9	.2	.5	.4	.3	.1									72		32	1													
72/ 71		.2	1.1	.9	1.3	1.0	.5	.5	.3	.2									55		55	17													
77/ 69			.4	.5	1.5	1.0	.4	.8	.2	.6									54		54	20													
63/ 67	.1		1.1	1.4	1.0	.3	1.0	.9	.3										56		56	20													
66/ 65	.1		1.5	1.9	.8	.9	.6	.5	.3										62		62	20													
64/ 63		.9	1.2	1.5	.9	1.3	1.0	1.2	.2										75		75	47													
62/ 61		1.0	2.0	.9	1.4	1.7	.6	.8	.1										72		72	67													
63/ 59		.8	.6	1.4	1.2	.9	1.4	1.4											71		71	75													
58/ 57		1.2	1.1	.9	1.4	.9	1.2	.6	.2										69		69	58													
50/ 55		1.2	.8	1.0	.4	1.1	1.8	.1											59		59	62													
54/ 53		.4	1.0	.5	1.1	1.3	1.0	.2											51		51	81													
52/ 51			1.0	.6	1.5	1.3	.9												49		49	51													
50/ 49		.6	1.0	.6	1.0	.8	.3												48		48	62													
45/ 47		.9	.8	1.1	1.1	1.0	.1												45		45	55													
46/ 45		.3	.4	.8	.5	.4													72		22	68													
44/ 43		.1	.2	.4	.6	.5													18		18	68													
42/ 41			.1	.4	.9	.2													15		15	48													
40/ 39		.1	.3	.8	.3														14		14	32													
30/ 37		.1		.2	.1	.1													5		5	22													
36/ 35																						18													
34/ 33				.2	.1														3		3	17													
32/ 31					.1														1		1	5													
30/ 29																						2													
26/ 27				.2															2		2	20													
26/ 25				.1															1		1	26													
24/ 23																						4													
22/ 21																																			
23/ 19																																			
18/ 17																																			
16/ 15																																			
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ														
Rel. Hum.																																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			
	</																																		

3

1

MAXWELL AFB AL

75-84

MAR
MONTH

PAGE 2

5600-0800
HOURS (L. S. T.)

FORM
NO. 64

JSAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL
STATION STATION NAME

75-84
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											
40/ 79					.1													1	1													
76/ 75			.1	.1		.1												3	3													
74/ 73		.1	.3	.3	.1	.1												9	9													
72/ 71		.1	.8		.1													9	9	4												
70/ 69		.9	.6	.2		.1												16	16	6	4											
68/ 67		.7	.2	.6	.3	.2	.2											20	20	19	14											
66/ 65		1.0	.9	.2	.3													22	22	13	16											
64/ 63	.1	.9	1.6	1.3	.1	.1												36	35	20	12											
62/ 61	.5	2.3	2.7	.7	.3													50	50	26	15											
60/ 59	.2	2.4	2.4	.8	.2	.2	.1											56	56	45	29											
58/ 57		2.2	1.6	.9	1.2	.1												52	52	50	38											
56/ 55		2.9	3.2	1.6	.7	.5	.1											76	73	59	45											
54/ 53	.1	2.2	2.9	1.2	.9													61	61	46	49											
52/ 51		1.2	2.0	1.3	.3	.2												43	43	54	48											
50/ 49		1.8	2.5	1.5	1.0	.3												63	63	60	47											
48/ 47		2.8	1.6	1.0	1.2	.5												61	61	59	40											
46/ 45		2.0	2.6	2.3	1.4	.1												73	73	63	57											
44/ 43		.9	1.6	2.1	.6	.1												46	46	47	44											
42/ 41		.7	2.2	1.7	.1	.2												43	43	53	49											
40/ 39		.8	2.2	1.2	.2													36	36	54	35											
38/ 37		1.4	1.4	1.2														35	35	66	51											
36/ 35		1.2	1.4	.6														27	27	45	32											
34/ 33		1.2	.5	.1														15	15	36	45											
32/ 31		.3	.1															4	4	21	67											
30/ 29		.1	.1															2	2	12	39											
28/ 27		.1	.1	.1														3	3	2	34											
26/ 25			.3															3	3	2	17											
24/ 23			.1															1	1	3	4											
22/ 21			.1															1	1	2	9											
20/ 19																				2	14											
18/ 17																					6											
16/ 15																					5											
14/ 13																					1											
10/ 9																					1											
Element (X)	Σ X ²		Σ X		Σ		σ _x		No. Obs.		Mean No. of Hours with Temperature																					
Rel. Num.											≤ 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) REVIDED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

PSYCHROMETRIC SUMMARY

FFS

MONTH

2100-2300

HOURS (L, S, T.)

[illegible]

3

FEB
MONTH

YEARS

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

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

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

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

[illegible]

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

PSYCHROMETRIC SUMMARY

YEARS

MONTH

[illegible]

3

PSYCHROMETRIC SUMMA

JUL
MONTH

PAGE 1 0600-1
HOURS (L. 1)

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

PSYCHROMETRIC SUMMA

77-84

YEARS

 JUL
MONTH

PAGE 1 0300-0
HOURS (L. S.)

[illegible]

PSYCHROMETRIC SUMM

75-84

PAGE 1 2100
HOURS

[illegible]

PSYCHROMETRIC SUMM

722265

MAXWELL AFB AL

75-84

PAGE 1 1800
HOURS (

[illegible]

USAFETAC FORM 0-26-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMI

722265 MAXWELL AFB AL

75-84

STATION STATION NAME

YEARS

PAGE 1 150
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb															
57/ 87											.2																						2	2	
56/ 85													.1																				1	1	
54/ 83						.1	.3	.9	.3	.6	.4	.3	.1																				29	29	
52/ 81						.9	.9	.6	.3	.3	.2	.3	.3																				36	36	
51/ 79				.2	.3	.5	.5	.3	.5	1.2	1.1	.3	.1																				43	49	
50/ 77					.1	.2	1.0	.9	1.6	1.4	.4	.8																					59	59	
50/ 75			.1	.2	.9	.1	1.1	1.1	1.3	1.4	.5																						62	62	
54/ 71			.2	.2	.5	1.1	.4	.8	1.5	1.4	.9	.2																					73	73	
52/ 71		.1			1.1	.1	.2	.9	1.1	.8	1.6	.1																					55	55	1
50/ 69		.1		.6	.3	.3	.9	1.0	.9	1.6	1.0																						62	62	3
50/ 67			1.1	.3	.3	.9	1.1	.2	1.4	1.3	.1	.1																					60	60	3
56/ 65		.2	1.1	.8	.1	.5	.2	.3	2.3	1.3	.1																						56	66	3
54/ 63		.3	1.3	.5	.3	.6	.4	1.3	2.2	.5	.1																						75	75	6
52/ 61		.5	1.3	.2	.2	.4	.4	1.2	2.0	.3																							66	66	7
50/ 59		.2	1.5	.2	.4	.1	.8	1.1	.4																								44	44	7
55/ 57		.2	.5	.1	.4	.2	1.2	.9	.1																								34	34	9
53/ 55		.4	.5	.5	.6	.2	.4	1.4	.4																								41	41	5
54/ 53		.1	.4	.2	.4	.3	.5	.5																									26	26	5
52/ 51		.2	1.2	.2	.5	.2	1.1	.2																									32	32	7
51/ 49		.3	.3	.4	.2	.1	.3	.4																									20	20	7
47/ 47			.2	.3	.3		.1																										14	14	7
46/ 45			.2		.3		.4																										9	9	5
44/ 43		.2	.1				.1																										5	5	3
42/ 41		.1	.2																														3	3	3
40/ 39			.2	.2																													4	4	1
38/ 37		.1																															1	1	1
36/ 35					.2																												2	2	1
34/ 33					.1																												1	1	
32/ 31																																			
30/ 29																																			
28/ 27																																			
26/ 25																																			
24/ 23																																			
22/ 21																											</								

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OL A)

USAFETAC

PSYCHROMETRIC SUMM

PAGE 2 1530
HOURS (

[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL

75-64

MAJ
MONTH

STATION

STATION NAME

YEARS

PAGE 1

1870-
HOURS (L.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 De																																															
95/ 79					.3	.1	.2	.1		.1	.1																					9	9																																	
73/ 77					.2	.4	.2	.5	.1		.1																					21	21																																	
76/ 75			.1	.5	.5	.3	.7	.5	.4	.3	.1																					37	37																																	
74/ 73				.2	.7	.7	.2	1.1	.3		.3																					38	1																																	
72/ 71		.1		.5	.8	.4	1.2	.7	.9	.3																						46	42																																	
70/ 69		.1	.5	.3	1.5	1.7	1.7	.7	.7	.2																						62	62																																	
68/ 67	.1	.3	1.3	.4	.7	.4	1.3	1.0	.4	.3																						64	64																																	
66/ 65	.1	.2	1.1	1.1	.5	1.3	1.3	.8	1.1	.1																						67	67																																	
64/ 63		1.1	1.4	.4	.8	.4	1.2	1.6	.2																							66	66																																	
62/ 61	.1	1.2	.3	1.1	1.1	1.3	1.2	1.5	.4																							76	76																																	
60/ 59		.7	1.3	1.4	.4	.4	1.8	.8	.1																							70	70																																	
58/ 57		.5	1.4	1.1	1.7	1.1	1.0	.8	.1																							71	71																																	
56/ 55		.4	1.2	1.4	.9	1.3	2.0	.4	.3																							73	73																																	
54/ 53		.7	.7	.2	.9	1.3	1.3	.3																								49	49																																	
52/ 51		.2	1.1	.3	1.2	1.5	.7																									46	46																																	
50/ 49		.5	.7	.3	.8	1.2	.5																									37	37																																	
48/ 47			.2	1.1	1.3	.2	.1																									32	32																																	
46/ 45			.1	.9	.7	.4	.2																									21	21																																	
44/ 43			.3	.7	.4	.2																										15	15																																	
42/ 41		.2	.1	.1	.1	.1																										6	5																																	
40/ 39		.1	.4	.2																												7	7																																	
38/ 37					.2																												2	2																																
36/ 35			.1																													1	1																																	
34/ 33			.2																													2	2																																	
32/ 31				.2	.1																											3	3																																	
30/ 29																																																																		
28/ 27																																																																		
26/ 25																																																																		
24/ 23																																																																		
22/ 21																																																																		
20/ 19																																																																		
18/ 17																																																																		
16/ 15																																																																		
14/ 11																																																																		
Element (X)	Σ X ²					Σ X					X					Σ X					Σ X					Σ X																																								
Rel. Hum.																																≤ 0 F					≥ 32 F					≥ 67 F					≥ 73 F					≥ 80 F					≥ 93 F					Tot				
Dry Bulb																																																																		
Wet Bulb																																																																		
Dew Point																																																																		

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

PSYCHROMETRIC SUMMARY

172265	MAXWELL AFB AL
STATION	STATION NAME

75-84

YEARS

MA
MONTI

PAGE 2 1800-
HOURS (L.

[illegible]0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETYAC

PSYCHROMETRIC SUMMA

MAN
MONTH

PAGE 1 2100-21
HOURS 11. 5.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew														
70/ 75			.1	.7							.1							8																	
74/ 73			.1	.8		.2	.1											11	11																
72/ 71			1.0	.4	.9	.1		.2		.1								28	28		4														
70/ 69		.3	.9	.6	.2	.2	1.0	.1	.1									33	33		8														
68/ 67	.2	.5	2.1	.9	.6	1.0	.2	.2	.1									51	51		21														
66/ 65	.1	.5	1.2	1.4	1.7	.6	.1	.5										52	52		36														
64/ 63		1.0	2.3	.7	.9	1.3	.3		.1									58	58		25														
62/ 61		1.5	1.0	1.5	1.3	.9	.2	.3										59	59		35														
60/ 59		1.2	.8	2.2	1.2	.9	.9	.2										64	64		57														
58/ 57		.3	1.4	2.8	1.0	1.6	.5											56	66		58														
56/ 55		1.6	2.3	2.3	1.5	.7	.2											75	75		45														
54/ 53		.7	1.5	1.5	1.2	.6	.3											50	50		65														
52/ 51		1.2	2.1	1.9	2.0	1.4	.3											76	76		80														
50/ 49	.1	.2	1.9	1.9	1.7	.9	.3											61	61		76														
48/ 47		.3	.9	1.9	1.6	.2	.2											45	45		63														
46/ 45		.2	1.3	1.5	1.3	.1												36	36		50														
44/ 43			.6	2.8	.5	.2												35	35		51														
42/ 41		.1	1.7	.6	.3													18	18		56														
40/ 39		.5	.9	.5	.3													19	19		42														
38/ 37		.1	.6	.1	.1													8	8		49														
36/ 35			.1	.1														2	2		17														
34/ 33				.1														1	1		12														
32/ 31			.3															3	3		4														
30/ 29			.1	.2														3	3		2														
28/ 27				.1														1	1		3														
26/ 25																					1														
24/ 23																					3														
22/ 21																																			
20/ 19																																			
18/ 17																																			
16/ 15																																			
6/ 7																																			
TOTAL	.5	10.3	24.4	24.0	18.7	11.0	4.9	1.6	.3	.1	.1							863	863		863														
Element (X)	Z _x ²		Z _x		Z		e ₂		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.	3933753		56741		65.7		15.350		863		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total												
Dry Bulb	2814756		48660		56.4		9.080		863				.8		14.1		2.0																		
Wet Bulb	2276057		43615		50.5		9.178		863				1.4		3.6																				
Dew Point	1825078		38356		44.4		11.816		863				17.8		1.9																				

PSYCHROMETRIC SUMMA

722265	MAXWELL AFB AL
STATION	STATION NAME

75-24

YEARS

APR
MONTH

PAGE 1 0600-0
HOURS (L. S.)

[illegible]

PSYCHROMETRIC SUMMARY

75-84

YEARS

APR
MONTH

PAGE 1 0900-1100
HOURS (G. 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	.4	.1	.1	.4	.6						6	6					
84/ 83							.1	.4	.1	.1	.4	.3						14	14					
82/ 81					.1	.1	.7	.1	.7	.6	.2							22	22					
80/ 79				.1	.3	1.2	.7	.9	1.0	.6	.4							47	47					
78/ 77			.1	.6	.9	1.2	.9	1.1	.9	.6								56	56					
76/ 75			.3	.9	1.4	1.7	1.9	.9	.9	.4	.1							77	77					
74/ 73			.7	1.8	1.4	1.4	1.6	.9	.3	.6								75	75	7				
72/ 71		.3	.8	1.1	1.0	1.4	1.0	.9	1.2	.9								78	78	24				
70/ 69		.1	1.8	1.1	1.4	1.2	1.0	1.7	.7	.4								85	85	18				
68/ 67		.7	1.2	1.7	1.1	1.0	1.7	1.8	.9									90	90	63				
66/ 65		.6	1.0	1.6	1.1	1.4	2.0	1.0	.6									83	83	86				
64/ 63	.1	.2	.6	1.2	1.0	1.6	1.3	1.1	.7									76	76	96				
62/ 61		1.2	.4	.9	.9	1.2	.6	.9	.2									57	57	101				
60/ 59		.3	.4	.3	.6	.9	.9	.7										37	37	76				
58/ 57		.1	.6	.3	.8	1.1	.9	.4										38	38	71				
56/ 55		.2	.7	.1	.9	.3	.6	.1										26	26	73				
54/ 53		.2	.5	.1	.3	.2	.2											15	15	78				
52/ 51		.1	.1		.1	.2	.1											6	6	54				
50/ 49					.2	.3												5	5	49				
48/ 47					.2	.1												3	3	38				
46/ 45					.3													3	3	11				
44/ 43																				12				
42/ 41																				9				
40/ 39																				5				
38/ 37																				2				
36/ 35																								
34/ 33																								
32/ 31																								
30/ 29																								
28/ 27																								
26/ 25																								
24/ 23																								
TOTAL	.1	4.4	8.9	11.8	14.2	16.9	16.4	12.7	8.1	4.4	1.7							899	899	899				
Element (X)	Σ x'		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	3047620		50090		55.7		16.908		899		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb	4281694		61660		68.6		7.653		899						55.1		29.7		7.2				90	
Wet Bulb	3168440		52972		58.9		7.247		899						13.8		.7						90	
Dew Point	2439791		45867		51.0		10.497		899				4.8		3.4								90	

PSYCHROMETRIC SUMMARY

75-84

YEARS

APR
MONTH

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

[illegible]

PSYCHROMETRIC SUMMARY

APR
MONTH

[illegible]

0-26-5 (OLA)

USAFETAC

3

1

APR
MONTH

HOURS (L. S. T.)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

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

[illegible]

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JAN 94

USAFETAC

ALPHAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722755 STATION MAXWELL AFB AL

75-84

YEARS

APR
MONTH

PAGE 1 1970-2000
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	
36/ 85													.1					1	1			
34/ 83							.1			.3		.1	.1					6	5			
32/ 81					.1	.1	.3	.5	.1	.5	.2							16	15			
30/ 79					.1	.7	.7	1.1	.6	.6	.3							36	35			
28/ 77				.2	1.5	1.7	1.2	1.1	1.5	.2	.2	.1						63	63			
26/ 75			.1	.1	.9	2.7	1.4	1.1	1.4	.2	.2							66	66			
24/ 73				1.0	1.8	1.6	1.6	1.7	.8	.1								76	76	2		
22/ 71		.2	.2	1.1	1.8	2.7	1.7	1.1	1.0	.3								91	91	8		
20/ 69		.1	1.6	1.0	1.7	1.9	1.5	1.2	1.2	.1								92	92	30	6	
18/ 67		.5	2.3	.9	.7	.9	1.9	1.0	.8	.2								86	86	52	6	
16/ 65		.6	1.0	1.5	1.4	1.4	1.5	.8	.6									76	76	93	36	
14/ 63		.6	.7	1.2	.8	1.7	2.0	1.5	.8									82	82	100	50	
12/ 61			.9	1.0	1.0	1.7	.7	1.1	.1									51	51	178	58	
10/ 59	1.0	.2	.9	.8	1.6	1.1	.5											60	60	82	54	
8/ 57		.5	.3	.2	1.2	1.7	.9	.1										38	34	92	77	
6/ 55		.1	.2	.3	.3	.0	.3	.1										20	20	74	50	
4/ 53		.1		.3		.3	.1											8	8	78	71	
2/ 51		.1		.1	.3	.1	.1											7	7	50	62	
0/ 49				.2	.2	.1												5	5	53	63	
40/ 47					.1													1	1	39	47	
48/ 45																				12	49	
44/ 43																				11	41	
42/ 41																				5	49	
40/ 39																				2	37	
38/ 37																					30	
36/ 35																					28	
34/ 33																					21	
32/ 31																					24	
30/ 29																					6	
28/ 27																					4	
26/ 25																					2	
24/ 23																					1	
TOTAL	3.7	9.4	10.3	14.9	18.4	17.3	13.1	9.9	2.6	1.7	.2	.2						881	881	881	881	
Element (X)	Σ x'	Σ x	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel. Hum.	2929745	48747	55.3	16.254	881	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	4153556	60172	68.3	7.057	881			54.4	27.0	3.7		97										
Wet Bulb	3066027	51647	58.6	6.599	881			9.4	.2			90										
Dew Point	2341197	44607	50.6	9.691	881		3.8	1.2				50										

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

PSYCHROMETRIC SUMMARY

<u>122205</u>	<u>MAXWELL AFB AL</u>
STATION	STATION NAME

75-84

YEARS

AD
MONTH

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

[illegible]

PSYCHROMETRIC SUMMARY

76,78-84

4 A
MONTH

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

[illegible]

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

AD-A159 603

MAXWELL AFB ALABAMA LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARY (LISOCs..IU) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. JUN 85
USAFETAC/DS-85/025

4/4

UNCLASSIFIED

F/G 4/3

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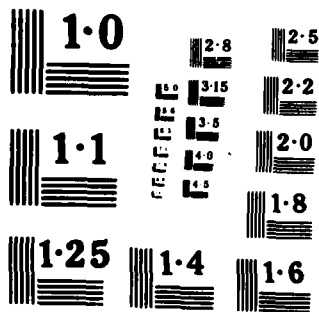
END

DATE

FILED

11-85

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265
STATION

MAXWELL AFB AL
STATION NAME

75-84
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	Wet Bulb	Dew Point															
92/ 91												.2	.2																		4	4			
90/ 89								.1	.2	.4	.1	.1	.1																		10	10			
88/ 87							.1	.2	.4		.2	.1																			10	10			
86/ 85				.1		.4	.1	1.0	.9	1.2	.9	.2	.2																		53	53			
84/ 83				.2	.1	.4	1.0	1.2	1.2	1.2	.6	.2			.1																58	58			
82/ 81				.1	.2	.5	1.2	2.4	1.4	.9	.2	.2			.1																67	67			
80/ 79			.1	.3	.3	.5	1.6	1.8	2.6	.8	.6	.5	.2																		89	89	2		
78/ 77			.9	.3	.9	.8	2.2	2.0	1.8	.5	.2	.6	.1																		96	96	1	2	
76/ 75		.2	.9	.2	.4	1.7	1.5	2.0	.8	1.5	.4																				90	90	13	1	
74/ 73		.3	.5	.5	.6	.3	1.1	1.3	1.2	1.9	.5	.3																			80	80	35	6	
72/ 71	.1	.4	1.2	.9	.6	1.6	.9	1.2	1.3	1.6	.2																				92	92	54	23	
70/ 69		.2	.6	.4	1.2	.6	1.0	1.6	1.9	1.1																					81	81	66	22	
68/ 67	.1	.1	1.0	.5	.6	.1	.1	1.4	1.6	1.4																					65	65	108	22	
66/ 65			.1	.1	.2	.4	.4	1.0	.6																						27	27	105	50	
64/ 63				.5	.1	.4	.3	1.3	.4																						29	29	89	51	
62/ 61			1.0	.2	.2	.2	.6	.6																							27	27	84	68	
60/ 59		.3	.3	.4		.2	.2	.5																							19	19	43	55	
58/ 57		.1	.1	.1	.3	.1	.4																								11	11	83	63	
56/ 55		.6		.4	.2	.2																									14	14	67	84	
54/ 53		.3			.2																										5	5	72	70	
52/ 51																																		43	61
50/ 49																																	39	35	
48/ 47																																	13	25	
46/ 45																																	10	33	
44/ 43																																		40	
42/ 41																																		36	
40/ 39																																		47	
38/ 37																																		48	
36/ 35																																		25	
34/ 33																																		29	
32/ 31																																		21	
30/ 29																																		8	
28/ 27																																		2	
Element (X)	Σ X ²					Σ X					X					Σ X					No. Obs.					Mean No. of Hours with Temperature									
Rel. Hum.																										≤ 0 F					≤ 32 F				
Dry Bulb																										≥ 67 F					≥ 73 F				
Wet Bulb																										≥ 80 F					≥ 93 F				
Dew Point																																			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265
STATION

MAXWELL AFB AL

75-84

YEARS

OCI
MONTH

PAGE 2

1530-1730
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

722265	MAXWELL AFB AL
STATION	STATION NAME

75-84

YEARS

OCT
MONTH

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

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265
STATION

MAXWELL AFB AL STATION NAME

75-84

YEARS

ACT
MONTH

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

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

USAFETAC

3

1

NOV
MONTH

0600-0800
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			
72/ 71			.2	.4														5	5					
72/ 69		.1	1.1	.4														13	13					
60/ 67		1.4	1.7	.1														26	26	4				
56/ 65		2.0	1.4	.4														30	30	28	9			
64/ 63	.2	2.2	2.7	.9														49	49	36	3			
62/ 61	.2	2.2	2.2	.9														45	45	28	29			
66/ 59	.4	1.7	3.7	1.0														55	55	52	29			
54/ 57		1.4	2.3	1.2	.4													43	43	41	45			
56/ 55		.4	3.0	1.2	.4	.1												41	41	45	29			
54/ 53		1.2	2.3	.6	.9													41	41	31	37			
52/ 51	.5	1.4	2.2	1.0	.4													44	44	48	40			
50/ 49	.2	2.2	3.0	2.0	.9													67	67	46	43			
48/ 47	.2	2.0	2.2	1.1	.2													47	47	46	37			
46/ 45	.2	2.5	2.5	1.6	.4													58	58	57	37			
44/ 43	.1	2.0	2.8	1.7	.1													55	55	60	54			
42/ 41	.4	1.7	1.7	1.0	.2													41	41	54	50			
40/ 39	.4	1.7	1.7	.1	.1													33	33	52	39			
38/ 37	.5	2.5	1.4	.4														42	42	51	43			
36/ 35	.5	1.4	1.1	.6														29	29	47	62			
34/ 33	.4	1.2	.7															19	19	29	48			
32/ 31	.2	1.4	.5															21	21	22	53			
30/ 29	.1	.1																2	2	24	26			
28/ 27	.1	.4																4	4	4	21			
26/ 25	.1																	1	1	4	21			
24/ 23		.7																2	2		4			
22/ 21																				2	10			
20/ 19																					5			
18/ 17																					5			
TOTAL	4.7	33.6	41.0	16.5	3.9	.1												813	813	813	813			
																					813		813	
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	5118668		63840		78.5		11.409		813		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb	2159996		41060		50.5		10.309		813				3.3		4.9								90	
Wet Bulb	1906241		38489		47.3		10.177		813				6.2		.4								90	
Dew Point	1672099		35683		43.9		11.423		813				16.1										90	

USAFETAC NORMA 0-20-5 (QLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL 75-84 NOV
STATION STATION NAME YEARS MONTH

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														
80/ 79					.1	.3																										4	4	
78/ 77					.3	.1	.3		.1																							8	3	
76/ 75				.7	1.0	.9	.6	.1	.3																							32	32	
74/ 73			.7	1.2	.8	.6	.3	.2	.1	.1																						32	32	
72/ 71			1.4	.7	1.1	.4	.8	.3																								43	43	2
70/ 69			2.3	.9	1.1	1.0	.4	.1	.3																							56	56	20
68/ 67		.4	2.1	1.2	1.3	1.1	.2	.2																								60	60	41
66/ 65		.9	1.1	.9	1.4	.8	.3	.2	.3		.1																					55	55	50
64/ 63	.2	.0	1.6	1.3	.7	.8	.6	.8	.2																							63	63	48
62/ 61		.8	1.2	1.0	.9	.7	.6	.8	.1																							56	56	59
60/ 59		.6	1.0	1.6	.7	.8	1.3	.6	.2																							60	60	58
58/ 57	.2	.2	1.6	1.3	1.4	1.0	.9	.1																								61	61	60
56/ 55	.1	.3	1.3	.9	1.2	2.5	1.0	.2																								68	68	44
54/ 53	.1	.9	1.1	1.0	1.6	.8	.9	.2																								59	59	47
52/ 51	.1	.4	1.2	.6	2.1	1.0	.7																									55	55	59
50/ 49	.2	.2	1.0	1.7	1.1	1.3	.1	.1																								52	52	59
48/ 47		.4	.4	1.3	1.6	.6																										39	39	72
46/ 45		.3	.7	.7	1.6	.2	.1																									32	32	61
44/ 43		.1	.6	.7	.3	.2																										17	17	56
42/ 41		.4	.6	.9	.3																											20	20	51
40/ 39	.1	.3	.4	.2	.3																											13	13	45
38/ 37	.1			.1	.2																											4	4	32
36/ 35				.2																												2	2	14
34/ 33				.1																												1	1	5
32/ 31		.1		.1																												2	2	6
30/ 29		.2	.1																													3	3	4
28/ 27																																		3
26/ 25																																		1
24/ 23																																		
22/ 21																																		
20/ 19																																		
18/ 17																																		
16/ 15																																		
14/ 13																																		
12/ 11																																		
10/ 9																																		
Element (X)	Σ X ²			Σ X			Σ			°A			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 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

NOV
MONTH

0900-1100

HOURS (L - S - T)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265
STATION

MAXWELL AFB AL
STATION NAME

75-84
YEARS

YEARS

NOV
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															
94/ 83								.1	.1																							2			
92/ 81							.3	.2	.6	.1		.3	.1																			15	15		
90/ 79					.3	.9	.6	1.1	.1	.3	.3	.1																				34	34		
88/ 77				.1	1.4	.7	1.0	1.4	1.4	.6	.6	.1																				66	66		
86/ 75					.9	.6	1.3	2.1	1.1	.6	.3	.4																				66	66		
84/ 73				.6	1.1	1.6	1.3	.7	.1	.4	.2																					54	54	2	
82/ 71			.7	.3	.7	.9	1.2	.9		.8	.3																					54	54	6	
80/ 69			1.7	.7	1.3	.6	1.1	1.2	1.0	1.2	.6																					84	84	38	3
78/ 67		.4	.6	1.2	.6	.6	1.0	.8	1.1	.9	.1	.1																				66	66	45	8
76/ 65		.6	.6	.3	.7	.3	.8	1.1	1.9	.6	.1																					62	62	66	42
74/ 63		.4	.4	.4	.6	.6	1.2	.9	2.1	.4																						64	64	72	29
72/ 61		.4	.4	.7	.3	.3	1.3	.7	.8	.2																						50	50	75	39
70/ 59	.1	.3	.4	.2	.6	.4	1.7	1.9	.8	.1																						62	62	53	43
68/ 57		.1	1.1	.3	.4	.6	1.0	1.4	.3																							48	48	54	62
66/ 55	.2	.3	1.7	1.0	.3	.3	1.0	.9	.3	.1																						50	50	46	56
64/ 53	.1	.1	.4		.4	.4	.8	.1	.2																							27	27	62	27
62/ 51		.2	.2	.3	.1	1.0	.6	.2																								24	24	72	50
60/ 49		.1	.1	.7	.3	.7	.3																									20	20	63	40
58/ 47		.2		.1	.3	.6	.2																									13	13	56	41
56/ 45				.6	.2	.2																										9	9	53	29
54/ 43			.4	.3	.3	.6																										15	15	36	30
52/ 41	.1	.2	.1	.2	.2																											8	8	41	37
50/ 39					.1																											1	1	23	25
48/ 37				.1																												1	1	16	42
46/ 35																																		8	51
44/ 33			.1																													1	1	6	25
42/ 31		.1																														1	1	2	53
40/ 29																																		2	45
38/ 27																																			32
36/ 25																																			13
34/ 23																																			9
32/ 21																																			7
30/ 19																																			15
28/ 17																																			16
Element (X)	Σ X ²		Σ X		X̄		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

3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL 75-84 NOV
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	Dew Point					
96/ 95								.1										1							
94/ 83								.1		.1								2							
92/ 81							.1	.3	.2									6							
90/ 79				.2	.1	.1	.7	.3	.4	.3	.8							27							
88/ 77					.3	.3	1.3	.9	.7	.7	.2	.1						41							
86/ 75			.3	.9	.4	1.6	1.6	.7	.4	.4	.2							59							
84/ 73			.2	.8	.7	1.2	1.1	.8	.4	.3	.2							52			3				
82/ 71			.2	1.0	.7	1.1	1.0	.9	.4	.4	.7							58			6				
80/ 69		.2	1.3	.4	1.2	.9	.6	1.6	1.0	.9	.3							75			7				
78/ 67	.2	.1	1.3	1.0	.4	1.3	1.2	.6	.9	1.2	.3							78			8				
76/ 65		.8	1.1	.8	.4	.6	1.3	.4	1.0	.4								62			19				
74/ 63		.8	.8	.3	.9	.9	1.9	1.1	1.3	.7								78			34				
72/ 61	.2	.3	.9	.3	.8	1.2	1.1	.9	1.1	.2								63			45				
70/ 59	.2	.1	.8	.1	.4	1.0	.8	1.6	1.2									56			45				
68/ 57	.2	.1	1.2	.7	.8	.6	.9	.8	.2									47			42				
66/ 55		.6	1.0	.1	.2	1.0	1.3	.7	.3									51			59				
64/ 53	.1	.2	.7	.2	.6	.6	1.0	.3	.1									34			29				
62/ 51	.3	.2	.3		.1	1.1	.8											26			47				
60/ 49	.1	.2		.9	.7	.7	.4	.2										28			51				
48/ 47	.1	.1		.1	.7	.7	.2											14			36				
46/ 45			.1	.4	.4		.1											10			44				
44/ 43	.1	.1	.4	.4	.2	.3												15			38				
42/ 41	.1			.1	.3	.2												7			36				
40/ 39			.2		.2													4			37				
38/ 37				.1														1			40				
36/ 35				.1														1			34				
34/ 33				.1														1			28				
32/ 31																					46				
30/ 29																					49				
28/ 27																					36				
26/ 25																					21				
24/ 23																					15				
22/ 21																					14				
20/ 19																					21				
Element (X)	Σ x'			Σ x			x̄			s _x			No. Obs.			Mean No. of Hours with Temperature									
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

PSYCHROMETRIC SUMMARY

YEARS

NOV
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
16 / 17																					9	
16 / 15																					3	
14 / 15																					1	
12 / 11																					1	
10 / 9																					1	
8 / 7																					1	
TOTAL	1.8	3.9	10.7	9.1	10.7	14.9	17.9	12.3	9.9	5.8	2.8	.1						897	897	897		
																		897		897		

PSYCHROMETRIC SUMMARY

MONTH

PAGE 1 1200-2000
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				
75/ 75				.1		.2												5	5						
74/ 74				.4	.3	.7	.1											17	17						
73/ 71				.5	1.3	.7	.3	.1										34	34	2					
72/ 69		.1	2.1	1.3	2.1	1.2	.6											60	66	3	2				
71/ 67		.3	1.7	1.1	1.1	.4	.1	.1										43	43	26	2				
70/ 65	.3	1.7	1.9	.8	1.0	.4	.3	.2										54	54	30	26				
69/ 63		1.3	1.7	1.2	1.8	.5	.2											61	61	64	21				
68/ 61		1.1	2.7	.9	1.1	1.1	.6											57	67	64	44				
67/ 59	.4	.2	1.7	1.3	1.1	1.1	.4	.4										56	56	64	52				
66/ 57	.3	.7	1.3	1.3	2.3	.7	.3											67	67	54	25				
65/ 55	.1	.9	1.0	1.8	1.7	1.7	.4											56	56	56	52				
64/ 53	.1	.3	1.1	1.7	1.4	.7	.6											54	59	51	47				
63/ 51	.6	.7	.0	1.2	2.0	.4	.7											54	54	61	52				
62/ 49		.6	1.4	1.7	1.7	.7	.1											55	55	74	37				
61/ 47		.7	1.3	1.4	1.4	.3	.1											48	48	47	47				
60/ 45	.1	.1	.2	1.4	.9	.6												35	35	63	44				
59/ 43	.4		1.0	2.2	.4													39	39	58	56				
58/ 41	.0		.7	1.8	.3	.1												28	28	50	43				
57/ 39		.1	.6	.4	.2													12	12	46	44				
56/ 37			.1	.4														6	6	37	36				
55/ 35		.1	.2	.1														7	7	19	46				
54/ 33			.1															3	3	13	40				
53/ 31			.1															1	1	8	47				
52/ 29			.1															2	2	4	38				
51/ 27																				1	23				
50/ 25																				2	12				
49/ 23																					13				
48/ 21																					12				
47/ 19																					6				
46/ 17																					5				
TOTAL	2.7	8.9	25.7	23.6	21.6	11.1	5.2	.9										897	897		897				

Element (X)	Σ x²	Σ x	x̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4182223	59719	66.6	15.180	897	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	3005349	51239	57.1	9.360	897		.3	16.6	2.2			90
Wet Bulb	2487103	46091	51.4	9.377	897		1.5	3.1				90
Dew Point	1984891	40843	45.5	11.820	897		15.2	.4				90

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

USAFETAC

GENERAL CLIMATE DATA
 GRAFETAC
 AIR WEATHER SERVICE

MEANS AND STANDARD DEVIATIONS

HYDROLOGICAL TEMPERATURES OF GRAFETAC

722265 GRAFETAC

1945

STATION	NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
3-05	MEAN					53.2	70.8	74.6	73.1	63.2	56.1			62.1
	S.D.					5.496	4.278	2.381	2.512	5.676	9.070			7.747
	TOTAL OBS					219	214	213	219	212	194			1272
16-08	MEAN	77.2	42.6	51.4	59.3	67.5	74.9	77.1	75.8	70.2	59.2	57.5	44.2	60.1
	S.D.	10.664	10.396	9.680	7.308	6.104	4.581	3.648	3.278	6.206	6.745	10.291	11.456	15.469
	TOTAL OBS	794	765	669	854	930	891	930	929	900	916	813	697	10290
7-11	MEAN	42.6	49.5	59.8	68.6	75.9	83.4	84.9	84.0	79.1	69.2	59.1	50.5	67.5
	S.D.	10.337	10.400	9.765	7.653	6.301	4.829	5.072	4.312	6.812	7.866	9.723	10.853	16.256
	TOTAL OBS	585	649	930	899	930	891	929	930	900	907	897	843	10813
12-14	MEAN	46.7	56.3	65.9	74.1	80.2	87.5	89.2	88.5	84.0	75.2	65.5	57.2	72.9
	S.D.	10.554	11.471	10.083	7.907	6.705	5.360	5.552	4.560	7.532	7.572	9.899	11.293	15.676
	TOTAL OBS	697	849	930	900	930	891	926	930	900	907	897	837	10807
15-17	MEAN	49.5	57.5	66.8	74.8	80.2	87.1	87.9	87.4	83.1	74.3	64.2	56.5	72.7
	S.D.	10.112	11.174	10.022	7.712	6.444	5.019	6.926	5.588	7.649	7.677	9.781	11.155	15.279
	TOTAL OBS	687	847	930	900	930	892	915	930	900	907	897	816	10759
18-20	MEAN	44.1	51.5	61.0	68.3	74.0	81.4	82.4	81.4	76.4	66.2	57.1	40.4	66.8
	S.D.	9.543	9.834	9.220	7.057	5.940	5.356	5.841	4.553	6.544	7.073	9.362	10.766	14.443
	TOTAL OBS	594	641	923	881	914	891	909	929	894	871	897	772	10661
21-23	MEAN	41.1	47.4	56.4	62.8	69.4	76.5	78.5	77.6	72.7	62.2	52.5	47.7	60.4
	S.D.	9.854	9.810	9.380	6.643	5.451	3.784	3.974	3.136	6.705	7.693	9.782	11.092	14.756
	TOTAL OBS	575	619	863	771	600	544	600	620	800	471	446	761	5551
ALL	MEAN	43.1	51.2	60.4	68.2	74.6	81.6	83.1	82.3	77.5	67.7	58.4	51.4	67.5
	S.D.	11.011	11.291	11.318	9.263	6.139	7.251	7.104	6.567	8.519	9.943	11.412	12.009	16.113
	TOTAL OBS	521	4782	5445	5205	5464	5252	5437	5487	5311	5445	5297	4726	53281

PSYCHROMETRIC SUMMARY

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 2

2120-2300

HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
7																							
TOTAL	3.3	19.7	34.6	27.2	12.2	2.5													761	761	761		
																			761	761			

PSYCHROMETRIC SUMMARY

STATION NAME

75-84

YEARS

DEC

MONTH

PAGE 1

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
75 / 75				.3														2	2							
74 / 73			.1	.5	.3	.1												8	3							
72 / 71			.7	1.1	.3	.4												15	15							
70 / 69		.3		.5	.1													7	7	9						
68 / 67			.7	.4														8	9	4	8					
66 / 65		.4	1.4	.4	.3	.1												20	20	10	3					
64 / 63		.1	1.4	.9	.4	.3												24	24	15	6					
62 / 61		.9	2.4	1.1	.3	.1												36	36	18	16					
60 / 59		.5	1.9		.7	.1												24	24	26	17					
58 / 57		.3	1.6	.5	.7													23	23	36	25					
56 / 55	.8	.7	1.2	1.3	1.6	.3	.3											46	46	28	39					
54 / 53	.1	.3	1.2	1.1	.9	.1												28	28	23	23					
52 / 51		.8	1.2	.9	1.2	.5	.7											37	37	16	17					
50 / 49	.3	2.6	1.8	1.3	1.1	.1												55	55	37	22					
48 / 47	.7	3.0	2.0	1.8	1.1		.3											67	67	59	34					
46 / 45	.4	.9	1.8	.9	.8													37	37	62	34					
44 / 43	.3	1.1	2.4	2.9	.9													57	57	46	38					
42 / 41		.7	2.2	2.1	.3													40	40	39	40					
40 / 39		1.7	2.9	1.3	.9													52	52	53	39					
38 / 37	.3	1.3	3.2	1.3														46	46	56	42					
36 / 35		1.1	1.3	2.6	.5													42	42	56	41					
34 / 33	.1	.7	.9	2.5	.1													33	33	38	38					
32 / 31	.1	1.7	.8	1.1														28	28	32	46					
30 / 29		.4	.4	.3														8	8	49	60					
28 / 27	.1	.3	.5															7	7	24	40					
26 / 25	.1		.1															7	7	10	30					
24 / 23			.4															3	3	5	14					
22 / 21		.1																1	1	7	15					
20 / 19																				3	15					
18 / 17																					27					
16 / 15																					18					
14 / 13																					5					
12 / 11																					9					
10 / 9																					2					
Element (X)	Σ X'		Σ X		X̄		s _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																										

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

USAFETAC

PSYCHROMETRIC SUMMARY

DEC
MONTH

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

[illegible]

PSYCHROMETRIC SUMMARY

DEC
MONTH

PAGE 1 1000-2000
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					
73/ 77					.1		.3	.1										4	4						
76/ 75				.3	.5		.1											9	9						
74/ 73				.6	.6		.1											11	11						
72/ 71			.1		.9	.5												12	12						
70/ 69				.1	.8	.5	.3											13	13	6					
68/ 67			.3	1.6	.9	.3												23	23	9					
66/ 65		.1	.4	1.9	.6													27	27	9					
64/ 63		.1	.5	1.8	1.2	.6												31	31	19					
62/ 61		.9	1.3	.8	.5	.5		.1										32	32	31					
60/ 59	.3	.6	.9	.6	.5	.9	.1											30	30	41					
58/ 57	.4	.5	1.1	.5	.6	.5	.1	.4										32	32	31					
56/ 55	.4	.6	1.2	.6	1.4	.5	.5	.3										43	43	31					
54/ 53		.4	.3	1.7	1.2	.5	.8											41	41	25					
52/ 51		.1	1.7	1.7	1.6	1.4												50	50	24					
50/ 49		2.3	1.7	1.3	1.9	.8												62	62	31					
48/ 47	.4	.6	1.3	1.6	3.9	.3												62	62	71					
46/ 45	.4	.8	1.8	2.8	1.8	.4	.1											63	63	38					
44/ 43	.1	.8	1.6	2.7	1.8	.3												56	56	52					
42/ 41	.1	.4	.6	1.6	.9	.3												30	30	73					
40/ 39	.3	.9	1.2	.8	1.9	.4												42	42	73					
38/ 37		.1	1.4	2.2	1.6													41	41	44					
36/ 35		.1	.5	1.9	.4													23	23	37					
34/ 33		.5	1.2	.1	.3													16	16	27					
32/ 31				.5														4	4	48					
30/ 29		.1	.4	.3	.1													7	7	31					
28/ 27				.5														7	7	1					
26/ 25			.1															1	1	9					
24/ 23																				10					
22/ 21																				1					
20/ 19																									
18/ 17																									
16/ 15																									
14/ 13																									
12/ 11																									
Element (X)	ΣX^2	ΣX				$\bar{X}$	σ_a	No. Obs.		Mean No. of Hours with Temperature															
Rel. Hum.										$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

REVISED AND VARIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

3

;

DEC
MONTH

1530-1700
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
R1 44

3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265
STATIONMAXWELL AFB AL
STATION NAME75-84
YEARSDEC
MONTHPAGE 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					
84/ 83								.1										1	1						
82/ 81							.1	.1	.4									5	5						
80/ 79						1.1	.1	.6	.1									16	16						
78/ 77					.2	.6	.7	.6	.1									19	19						
76/ 75					.4	1.3	.9	.5										22	22						
74/ 73					.1	.7	1.3	.4	.1		.1							23	23						
72/ 71				.1	.1	1.2	.9	.4	.1	.1								24	24	3					
70/ 69				.2	.4	1.1	.4	.2	.1	.1	.1							21	21	17					
68/ 67		.1	.2	.7	.1	.7	.6	.9	.2	.1								31	31	11	1				
66/ 65		.2	.2	.4	1.0	.9	1.0	.5	.7	.7								42	42	20	10				
64/ 63		.4	.2	.7	.1	.7	.6	.5	1.0		.1							36	36	32	12				
62/ 61			1.0	.2	.5	.9	.7	1.1	.5	.4								43	43	40	17				
60/ 59	.2	.6	.5	1.2	.6	1.1	1.7	1.8	1.1									72	72	30	23				
58/ 57	.7	.1	1.2		.4	.5	1.3	.9	.7									48	48	34	25				
56/ 55	.1	.6	.2	.4	1.3	1.3	1.7	1.3	.2									60	60	28	43				
54/ 53		.2	.9	.4	.7	1.2	2.6	.6										54	54	52	33				
52/ 51		1.2	.7	.1	.7	2.0	1.3	.2										52	52	32	27				
50/ 49		.4	.9	.6	1.3	1.2	1.6	.4										52	52	51	28				
48/ 47	.6	.4	1.0	.4	1.2	1.3	.6	.1										46	46	72	39				
46/ 45	.4	.4	1.0	.4	.9	.7	1.1											39	39	64	26				
44/ 43	.2	.2	.6	.2	.9	2.0												34	34	74	31				
42/ 41	.1	.1	.4	.2	1.0	.5	.2											21	21	72	28				
40/ 39		.4	.1	.1	1.1	.4												17	17	37	35				
38/ 37			.5	.1	.4	.6												11	11	38	31				
36/ 35		.1	.4	.1	.2	.1												10	10	30	33				
34/ 33				.7	.4													9	9	32	29				
32/ 31				.4	.4													6	6	19	55				
30/ 29				.1	.1													2	2	7	52				
28/ 27																				11	37				
26/ 25																				6	32				
24/ 23																				3	28				
22/ 21																				1	20				
20/ 19																					41				
18/ 17																					30				
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Mean No. of Hours with Temperature						
Rel. Hum.																			≤ 60 F	≥ 60 F	Total				
Dry Bulb																			≤ 67 F	≥ 67 F					
Wet Bulb																			≤ 73 F	≥ 73 F					
Dew Point																			≤ 80 F	≥ 80 F					

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

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

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

[illegible]

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

3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265
STATIONMAXWELL AFB AL
STATION NAME75-84
YEARSDEC
MONTHPAGE 1 1270-1400
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
84/ 93							.1	.1										2	2		
82/ 91						.2	.4	.1	.2									6	8		
80/ 79					.1	.7	.8	.4										17	17		
78/ 77				.1		1.0	.6	.8		.1								22	22		
75/ 75				.1	.2	1.4	1.2	.2	.1	.2								30	30		
74/ 73				.2	.1	1.1	1.0	.5	.2		.1							27	27		
72/ 71					.5	.4	.8	.4	.1	.1								19	19	12	
70/ 69		.1	.2	.1	.5	.5	.5	.4	.1	.2	.2							24	24	12	1
68/ 67			.2	.2	.4	.4	.4	.7	.1	.4								27	27	18	3
66/ 65				.4	.4	.5	1.1	.4	.8									29	29	26	13
64/ 63		.1	.6	1.1	.5	1.2	.7	1.3	.5	.1								51	51	31	13
62/ 61		.6	.1	.6	.6	.7	1.0	1.2	.5	.1								45	45	23	14
60/ 59	.4	.6	.7	.4	.6	.8	1.4	1.6	.5	.1								59	59	45	27
58/ 57		.6	.7	.2	.8	.7	2.2	.7	.4									53	52	26	29
56/ 55	.1	.6	.4	.6	.8	1.2	2.2	1.4	.6									66	66	17	35
54/ 53	.2	.2	.6	.7	1.0	1.7	1.4	1.3										60	60	43	33
52/ 51	.2	.7	.7	1.1	1.1	1.1	1.4	.1										54	54	36	33
50/ 49	.2	1.0	.6	.7	.8	1.1	1.6	.4										53	53	80	30
48/ 47	.5	.2	1.0	.6	1.7	1.1	.8											49	49	55	27
46/ 45	.2	.2	.5	.7	.5	1.1	.8											34	34	67	40
44/ 43	.1	.1	.5	.7	1.2	1.4	.2											36	36	74	28
42/ 41	.1			.5	.7	.6												16	16	57	38
40/ 39		.2	.2	.4	1.0	.6												20	20	50	30
38/ 37		.4	.1	.1	.2	.2												9	9	34	35
36/ 35			.4	.6	.8	.1												16	16	43	38
34/ 33				.4	.4													6	6	24	38
32/ 31				.1	.1													2	2	13	69
30/ 29			.1	.1														2	2	10	28
28/ 27				.1														1	1	14	40
26/ 25																				4	27
24/ 23																				2	16
22/ 21																				1	35
20/ 19																					40
18/ 17																					21
Element (X)	Σx ¹		Σx		Σ		Σ _n		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

PSYCHROMETRIC SUMMARY

YEARS

DEC

MONTH

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

[illegible]

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

75-84

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

7900-1100
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																				
82/ 81							.1											1													1									
81/ 79						.1	.2											2													3									
78/ 77						.1	.1											2													2									
76/ 75				.4	.5	.4												10													12									
74/ 73			.1	.2	.6	.5	.2											14													14									
72/ 71			.2	.2	.5			.1	.1									10													10		2							
70/ 69			.1	.4	.8	.2												13													13		9							
68/ 67			.6	.4	.7	.5	.1	.1										20													20		9	6						
66/ 65		.2	.5	1.4	.4	.2												23													23		14	5						
64/ 63		.1	.5	.5	.4	.9	.5											23													23		18	11						
62/ 61		.6	1.3	.8	.7	.1	.1	.2										33													33		19	14						
60/ 59	.2	.7	1.8	.9	.6	.9	.2											46													46		31	22						
58/ 57	.2	1.3	.9	.2	1.1	.7	.1	.1										40													40		37	21						
56/ 55	.1	.9	.9	.5	1.5	.6	.2	.1										41													41		40	39						
54/ 53	.1	.4	1.1	1.4	.8	1.5	.5											49													49		31	38						
52/ 51	.2	.5	1.1	1.2	2.1	.9	.2											53													53		32	22						
50/ 49	.2	1.2	1.5	2.3	1.3	1.2	.4	.1										69													69		43	28						
48/ 47	.2	1.9	.9	2.1	1.8	.6	.5											67													67		55	22						
46/ 45	.2	1.1	2.1	2.3	1.7	.9	.2											72													72		60	31						
44/ 43		.6	1.4	2.8	1.2	.9												59													59		63	40						
42/ 41		.4	1.7	2.0	1.3	.1												46													46		65	48						
40/ 39	.1	.7	2.2	1.2	1.3	.2												47													47		65	43						
38/ 37	.2	.2	.6	1.4	.7													25													25		68	38						
36/ 35		.6	.5	1.9	.4													28													28		52	55						
34/ 33		.4	.8	.8	.4													16													16		40	41						
32/ 31		.1	.8	.7														14													14		21	73						
30/ 29	.1		.4	.6														9													9		11	32						
28/ 27			.4	.1														4													4		12	37						
26/ 25			.4	.1														4													4		14	31						
24/ 23																																	5	17						
22/ 21			.1															1													1		4	23						
20/ 19			.1															1													1		1	39						
18/ 17																																	2		22					
16/ 15																																			20					
Element (X)	ΣX^2					ΣX					Σ					σ^2					No. Obs.					Mean No. of Hours with Temperature														
Rel. Hum.																										$\geq 0 F$	$\geq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total								
Dry Bulb																																								
Wet Bulb																																								
Dew Point																																								

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

PSYCHROMETRIC SUMMARY

DEC
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point										
c / TOTAL	5.7	37.0	34.4	16.9	5.5	.4													697	697	697	2									

USAFETAC
FORMA
U.S. MA
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL

75-84

DEC

STATION

STATION NAME

YEARS

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											
76/ 75				.1															1	1												
74/ 73				.4	.3														5	5												
72/ 71			.7	.7															10	10												
70/ 69			.4	.1															4	4	2											
68/ 67		.1	.3																3	3	9											
66/ 65		.3	.7	.3															9	9	10	9										
64/ 63		.7	.7	.9	.4														19	19	5	11										
62/ 61		.4	.7		.1														9	9	12	5										
60/ 59	.1	2.3	1.0	.3		.1													27	27	15	14										
58/ 57	.1	1.4	1.3	.3	.6														26	26	25	11										
56/ 55	.6	1.6	1.7	1.0	.3														36	36	25	30										
54/ 53	.1	1.6	1.4	.9	.4														31	31	27	22										
52/ 51		1.0	1.3	.9															22	22	20	21										
50/ 49		1.6	1.7	.9	.9														35	35	30	22										
48/ 47	.6	1.9	1.4	.9	.3														35	35	31	22										
46/ 45	.7	2.3	1.9	1.3	.1	.1													45	45	41	26										
44/ 43	.6	1.3	2.3	1.9	.3														44	44	34	34										
42/ 41	.3	2.0	1.1	.6	.9														34	34	46	30										
40/ 39	.1	1.4	2.4	1.1	.3														38	38	37	37										
38/ 37	.3	3.0	2.3	1.4	.3	.1													52	52	42	27										
36/ 35	.1	2.7	2.9	1.6	.1														52	52	44	36										
34/ 33	.1	4.2	2.0	.4	.1														48	48	53	37										
32/ 31	.4	3.4	3.0	.7															53	53	57	58										
30/ 29	.7	.9	1.7	.3															25	25	57	47										
28/ 27	.4	1.0	.6																14	14	28	36										
26/ 25	.1	.4	.4																7	7	24	40										
24/ 23	.1	.3	.1																4	4	9	18										
22/ 21		.6	.1																5	5	4	24										
20/ 19		.3																	2	2	6	36										
18/ 17		.3																	2	2	2	11										
16/ 15																					2											
14/ 13																																
12/ 11																																
10/ 9																																
Element (X)	Σ x'			Σ x			Σ			c _n			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 (OLA) JAN 64

REPLACES PREVIOUS EDITIONS OF THIS FORM AND OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722265
STATION

MAXWELL AFB AL
STATION NAME

75-84
YEARS

NOV
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
76/ 75				.1																													1	1			
74/ 73					.1																												1	1			
72/ 71			.2	.2																													11	11			
70/ 69		.2	1.7	1.3	1.2	.3																										43	43	2	1		
68/ 67		.6	1.8	1.0	1.3	.7																										44	44	18	3		
66/ 65	.1	2.1	1.7	1.7	.2	.1	.1																									54	54	22	21		
64/ 63	.2	1.7	2.6	1.3	.4																											56	56	56	18		
62/ 61		1.5	2.3	1.1	.6	.3																										52	52	45	42		
60/ 59	.1	1.0	1.3	.8	1.0	.4																										42	42	73	43		
58/ 57	.3	.4	2.3	1.1	.7	.6	.1	.1																								54	54	46	53		
56/ 55	.1	.9	2.1	1.7	1.5	.6		.1																								62	62	41	52		
54/ 53	.3	.7	3.7	1.2	.9	.4																										62	62	38	48		
52/ 51	.8	1.0	2.1	1.2	1.0	.3																										56	56	62	45		
50/ 49	.3	1.1	3.0	1.6	1.2	.2	.1																									68	68	65	39		
48/ 47	.2	1.6	2.5	1.5	.7	.2																										59	59	63	39		
46/ 45		1.3	2.2	1.2	.6																											48	48	53	54		
44/ 43	.1	1.2	1.9	1.2	.8																											46	46	72	59		
42/ 41		.4	1.6	1.8	.4																											38	38	57	50		
40/ 39	.2	1.0	1.3	1.3																												39	39	36	43		
38/ 37	.2	1.1	1.6	.3																												29	29	54	46		
36/ 35		.2	.4																													6	6	44	54		
34/ 33		.2	.9	.1																												8	8	22	41		
32/ 31		.4	.7																													10	10	10	41		
30/ 29	.1	.1																														2	2	11	31		
28/ 27		.1	.1																													2	2	3	25		
26/ 25		.1																														1	1	2	26		
24/ 23																																			1	10	
22/ 21																																				6	
20/ 19																																				4	
18/ 17																																				2	
TOTAL	3.2	19.4	37.9	21.9	12.8	4.1	.3	.2																								896	896	896	896		
Element (X)	Σ x'		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		
Rel. Hum.	5002124		65986		71.5		13.257		896		896		896		896		896		896		896		896		896		896		896		896		896		896		
Dry Bulb	2864895		48045		53.6		9.952		896		896		896		896		896		896		896		896		896		896		896		896		896		896		
Wet Bulb	2273651		44275		49.4		9.794		896		896		896		896		896		896		896		896		896		896		896		896		896		896		
Dew Point	1934215		40345		45.0		11.461		896		896		896		896		896		896		896		896		896		896		896		896		896		896		

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

722065 MAXWELL AFB AL

75-85

STATION

STATION NAME

YEARS

HRS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
5-35	MEAN				63.2	67.3	70.6	73.2	64.2	55.0			64.6
	S D				6.659	4.717	2.570	2.252	6.672	9.223			8.322
	TOTAL OBS				219	214	218	219	212	194			1276
6-33	MEAN	34.6	34.5	47.6	54.5	62.6	69.4	72.4	71.8	66.5	55.5	47.3	56.0
	S D	10.904	10.221	10.044	7.564	6.085	4.525	2.877	2.893	5.574	8.532	10.177	14.577
	TOTAL OBS	724	765	869	854	931	890	926	929	900	914	813	17295
7-11	MEAN	38.1	43.5	52.2	58.9	66.1	72.4	75.5	75.1	67.5	61.6	50.3	59.3
	S D	11.655	10.145	9.554	7.247	5.465	4.245	2.863	2.792	6.075	7.871	9.345	14.554
	TOTAL OBS	897	849	930	869	930	891	923	930	900	927	897	17856
12-14	MEAN	41.7	46.4	54.6	60.7	67.1	72.9	76.1	76.0	70.7	62.5	54.5	61.2
	S D	10.229	9.591	8.873	6.651	5.211	3.931	2.729	2.754	5.631	7.077	9.174	13.454
	TOTAL OBS	898	849	930	869	930	891	921	930	900	927	897	17870
17-17	MEAN	41.7	47.2	54.6	60.7	66.4	72.4	75.3	75.2	70.1	61.9	54.2	61.0
	S D	9.345	9.100	8.673	6.413	4.834	3.881	2.849	2.799	5.454	7.171	9.071	13.170
	TOTAL OBS	897	847	930	869	930	890	912	930	899	927	897	17665
17-20	MEAN	40.0	44.0	52.4	58.6	65.3	71.2	73.9	73.8	68.3	59.2	51.4	58.9
	S D	9.647	9.157	8.794	6.509	5.151	3.974	2.758	2.774	5.774	7.556	9.377	13.618
	TOTAL OBS	851	840	930	861	915	891	906	928	899	927	897	17664
17-27	MEAN	37.1	42.4	50.5	56.4	63.7	69.9	72.7	72.5	66.5	57.5	49.4	55.2
	S D	9.971	9.417	9.175	6.773	5.540	3.982	2.670	2.541	5.958	7.903	9.744	14.226
	TOTAL OBS	875	874	963	771	676	594	624	620	600	528	396	5660
	MEAN												
	S D												
	TOTAL OBS												
ALL HOURS	MEAN	38.6	44.1	52.1	58.4	65.2	71.3	74.3	74.0	68.4	59.5	51.6	58.9
	S D	10.502	9.990	9.498	7.247	5.757	4.414	3.189	3.257	6.271	8.218	9.554	14.078
	TOTAL OBS	5215	4689	5445	5235	5464	5261	5410	5486	5310	5448	5297	63256

GLOBAL CLIMATOLOGY BRANCH
JAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

72265 MAXWELL AFB AL

75-85

STATION	STATION NAME												YEARS
HRS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN					58.0	65.2	68.8	69.6	61.0	52.3			62.0
S D					7.429	5.791	3.518	3.598	3.388	10.302			9.003
TOTAL OBS					217	214	218	219	212	194			1276
MEAN	29.0	34.7	43.2	50.3	59.3	66.3	70.1	69.8	62.5	52.4	43.9	36.6	52.5
S D	13.769	12.592	12.102	9.477	7.153	5.716	3.411	3.311	3.151	9.965	11.423	13.000	16.472
TOTAL OBS	794	765	869	854	930	890	926	929	900	918	813	697	10285
MEAN	30.7	35.7	44.5	51.0	59.6	66.7	71.3	71.1	64.3	53.9	45.4	37.7	52.9
S D	14.624	13.244	12.656	10.497	7.578	6.254	3.554	3.475	7.957	10.578	12.713	13.501	16.981
TOTAL OBS	887	849	930	999	930	891	923	930	900	927	897	843	10806
MEAN	31.1	35.3	43.8	50.0	58.9	65.5	70.4	70.4	63.4	52.9	44.6	37.9	52.3
S D	15.032	13.359	12.911	10.709	7.899	6.378	3.628	3.806	7.759	11.012	13.025	14.506	16.937
TOTAL OBS	885	849	930	900	930	891	921	930	900	927	897	837	10600
MEAN	30.3	34.3	43.2	49.6	58.6	64.8	69.6	69.7	62.8	52.4	44.3	37.4	51.8
S D	14.846	13.384	13.090	10.602	7.735	6.439	3.797	3.852	7.604	10.943	13.412	14.571	16.613
TOTAL OBS	887	847	930	900	930	890	912	930	899	927	897	815	10765
MEAN	31.0	35.7	43.8	50.6	59.4	65.7	69.9	70.1	63.5	53.8	45.5	38.2	52.6
S D	13.554	12.396	12.244	9.691	7.292	5.964	3.445	3.535	7.595	9.769	11.520	13.427	16.232
TOTAL OBS	891	840	923	881	919	891	906	928	899	927	897	770	10664
MEAN	30.0	35.8	44.4	50.9	59.3	66.3	70.0	70.1	63.2	53.5	45.0	38.0	50.4
S D	13.199	12.289	11.816	9.100	6.990	5.397	3.250	3.291	7.564	9.553	11.461	13.064	16.436
TOTAL OBS	878	839	863	771	606	594	624	620	600	623	596	761	8660
MEAN													
S D													
TOTAL OBS													
ALL HOURS	30.0	35.3	43.8	50.4	59.2	65.8	70.2	70.1	63.2	53.1	44.8	37.7	52.4
S D	14.199	12.893	12.530	10.067	7.494	6.091	3.594	3.611	7.835	10.370	12.465	13.723	16.620
TOTAL OBS	5215	4989	5445	5205	5464	5261	5410	5486	5310	5448	5297	4726	63250

RELATIVE HUMIDITY

STATION NAME

PERIOD

JAN
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02											
	03-05											
	06-08	100.0	100.0	100.0	98.4	92.4	79.6	62.2	43.7	16.5	74.9	794
	09-11	100.0	100.0	98.8	89.2	72.8	56.4	39.6	26.7	9.4	64.8	887
	12-14	100.0	99.5	86.3	65.0	48.3	34.5	25.7	15.2	5.1	53.8	888
	15-17	100.0	99.3	84.8	60.7	44.5	33.0	25.3	15.3	4.8	52.5	887
	18-20	100.0	100.0	98.2	86.4	68.2	49.5	35.8	21.2	7.6	62.4	881
	21-23	100.0	100.0	99.7	94.1	82.6	65.0	45.8	27.8	9.2	68.1	878
TOTALS		100.0	99.8	94.6	82.3	68.1	53.0	39.1	25.0	8.8	62.8	5215

RELATIVE HUMIDITY

FEB
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.1	94.4	83.4	63.3	36.9	10.7	74.5	765
	09-11	100.0	99.9	97.9	86.9	68.0	47.9	30.7	17.4	4.5	61.1	849
	12-14	100.0	99.1	78.2	56.9	39.6	25.8	18.3	10.6	3.8	49.0	849
	15-17	100.0	97.4	70.6	49.5	33.8	24.6	17.9	10.6	3.8	46.6	847
	18-20	100.0	100.0	97.1	77.1	55.6	37.9	26.2	13.9	4.3	57.1	840
	21-23	100.0	100.0	99.9	93.7	77.6	61.6	40.9	21.6	6.0	65.8	839
TOTALS		100.0	99.4	90.6	77.2	61.5	46.9	32.9	18.5	5.5	59.0	4989

3
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

722265
STATION

MAXWELL AFB AL
STATION NAME

75-84

PERIOD

MAR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02											
	03-05											
	06-08	100.0	100.0	100.0	98.7	94.1	81.7	64.1	35.9	8.5	74.3	869
	09-11	100.0	100.0	97.7	81.6	62.3	46.8	29.5	13.3	2.6	59.1	930
	12-14	100.0	99.2	79.1	55.9	39.4	25.3	16.8	6.3	.6	47.8	930
	15-17	100.0	98.5	72.3	49.1	36.3	24.6	16.7	8.3	1.1	46.1	930
	18-20	100.0	100.0	94.0	75.9	56.3	38.9	24.2	10.2	2.9	55.8	923
	21-23	100.0	100.0	99.8	94.7	81.8	62.8	38.7	17.6	4.5	65.7	863
TOTALS		100.0	99.6	90.5	76.0	61.7	46.7	31.7	15.3	3.4	58.1	5445

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

722265
STATION

MAXWELL AFB AL

STATION NAME

75-84

PERIOD

APR

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S F)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.3	94.4	90.8	58.1	34.0	6.8	73.1	854
	09-11	100.0	100.0	95.6	77.5	57.3	36.0	22.1	10.1	1.8	55.7	899
	12-14	100.0	99.3	76.2	52.1	32.6	20.3	12.3	5.9	1.0	45.7	900
	15-17	100.0	98.4	70.6	49.3	29.4	18.2	10.6	6.2	.6	44.1	900
	18-20	100.0	100.0	96.8	79.2	56.4	35.4	18.4	9.6	1.4	55.3	881
	21-23	100.0	100.0	99.6	97.1	87.3	67.2	37.6	15.3	3.2	66.3	771
TOTALS		100.0	99.6	89.8	75.8	59.6	43.0	26.5	13.5	2.5	56.7	5205

USAFETAC

POWER
PLS 04

0-87-5 (OL A)

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MAY
MONTH

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FORM
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RELATIVE HUMIDITY

JUN
MON

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02											
	03-05	100.0	100.0	100.0	100.0	99.5	96.7	87.4	68.2	17.8	82.7	214
	06-08	100.0	100.0	100.0	99.8	97.6	89.0	71.5	37.8	4.7	75.3	890
	09-11	100.0	100.0	98.8	92.3	73.7	43.4	15.4	3.8	.2	58.3	891
	12-14	100.0	100.0	95.1	75.0	41.8	17.2	6.7	3.0	.2	49.5	891
	15-17	100.0	99.9	92.5	68.5	39.2	20.4	12.1	4.6	.3	49.4	890
	18-20	100.0	100.0	99.2	90.6	73.7	48.3	27.3	11.1	.2	60.7	891
	21-23	100.0	100.0	100.0	99.5	95.6	81.3	57.2	22.7	1.7	71.3	594
TOTALS		100.0	100.0	97.9	89.4	74.4	56.6	39.7	21.6	3.6	63.9	5261

RELATIVE HUMIDITY

STATION NAME

75-84

PERIOD

JUL
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	99.5	93.1	67.4	20.2	93.9	218
	06-08	100.0	100.0	100.0	100.0	99.6	96.4	82.6	48.9	10.7	79.3	926
	09-11	100.0	100.0	99.9	98.9	88.6	63.3	31.3	10.2	1.1	64.7	923
	12-14	100.0	100.0	99.7	89.3	59.5	32.8	13.0	3.7	.8	55.6	921
	15-17	100.0	100.0	99.5	86.5	55.5	37.4	21.8	9.1	1.3	56.6	912
	18-20	100.0	100.0	99.9	97.1	85.2	66.1	43.6	21.0	4.2	67.5	906
	21-23	100.0	100.0	100.0	100.0	98.8	89.2	72.2	36.9	7.3	75.9	604
TOTALS		100.0	100.0	99.9	96.0	83.9	69.2	51.1	28.2	6.5	69.1	5410

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

722265
STATION

MAXWELL AFB AL

STATION NAME

75-84

PERIOD

AUG

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%	
AUG	00-02										
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	97.7	79.9	26.9	219
	06-08	100.0	100.0	100.0	100.0	100.0	99.7	92.7	60.3	10.2	929
	09-11	100.0	100.0	100.0	99.5	94.4	69.9	30.2	7.2	1.0	930
	12-14	100.0	100.0	100.0	95.1	69.6	28.5	8.0	1.9	.2	930
	15-17	100.0	100.0	100.0	93.9	64.0	32.7	17.0	7.0	1.3	930
	18-20	100.0	100.0	100.0	99.8	93.9	75.8	46.9	19.4	2.8	928
	21-23	100.0	100.0	100.0	100.0	99.8	97.6	80.6	41.5	5.5	620
TOTALS		100.0	100.0	100.0	98.3	88.8	72.0	53.3	31.0	6.8	5486

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

722265
STATION

MAXWELL AFB AL
STATION NAME

75-84

PERIOD

SEP
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02											
	03-05	100.0	100.0	100.0	98.1	97.6	95.8	84.9	55.7	6.1	79.6	212
	06-08	100.0	100.0	100.0	98.7	97.4	93.1	77.9	43.3	6.1	77.2	900
	09-11	100.0	100.0	99.7	93.2	80.1	51.8	26.8	8.3	.6	61.6	900
	12-14	100.0	99.8	96.2	76.7	48.9	25.4	11.1	4.6	.1	51.8	900
	15-17	100.0	99.8	94.8	74.7	47.6	29.5	17.7	5.7	.2	52.5	899
	18-20	100.0	100.0	99.9	95.1	85.2	62.6	39.0	16.9	2.1	65.7	899
	21-23	100.0	100.0	100.0	98.7	96.7	87.7	61.8	27.5	3.5	72.9	600
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USAFETAC

FORM
JUL 64

0-87-5 (OL A)

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3
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

722265
STATION

MAXWELL AFB AL

STATION NAME

75-84

PERIOD

NOV
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%	
NOV	00-02										
	03-05										
	06-08	100.0	100.0	100.0	100.0	97.9	92.1	78.4	44.8	13.0	813
	09-11	100.0	99.8	98.1	88.6	73.0	53.3	33.7	17.1	3.2	897
	12-14	100.0	98.9	82.5	62.7	43.8	29.5	17.1	8.4	1.9	897
	15-17	100.0	99.0	84.2	66.0	44.7	31.3	19.7	11.4	3.1	897
	18-20	100.0	100.0	99.9	95.8	85.2	62.2	39.9	19.2	5.5	897
	21-23	100.0	100.0	99.9	99.3	93.8	83.3	60.8	31.4	7.8	896
TOTALS		100.0	99.6	94.1	85.4	73.1	58.6	41.6	22.1	5.8	5297

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AFM WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72265
STATION

MAXWELL AFB AL
STATION NAME

75-84

PERIOD

DEC
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%		
DEC	00-02										
	03-05										
	06-08	100.0	100.0	100.0	99.3	95.6	85.7	66.7	40.7	12.2	697
	09-11	100.0	100.0	99.3	91.2	76.9	52.8	33.5	17.8	5.1	843
	12-14	100.0	99.2	89.0	66.2	44.9	26.2	16.6	9.9	4.4	837
	15-17	100.0	99.3	86.0	65.9	44.9	27.5	18.9	9.9	4.5	816
	18-20	100.0	100.0	99.4	93.8	76.8	52.7	33.4	14.4	4.9	772
	21-23	100.0	100.0	100.0	98.9	91.1	70.2	50.9	24.0	6.8	761
TOTALS		100.0	99.8	95.6	85.9	71.7	52.5	36.7	19.5	6.3	4726

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PART :

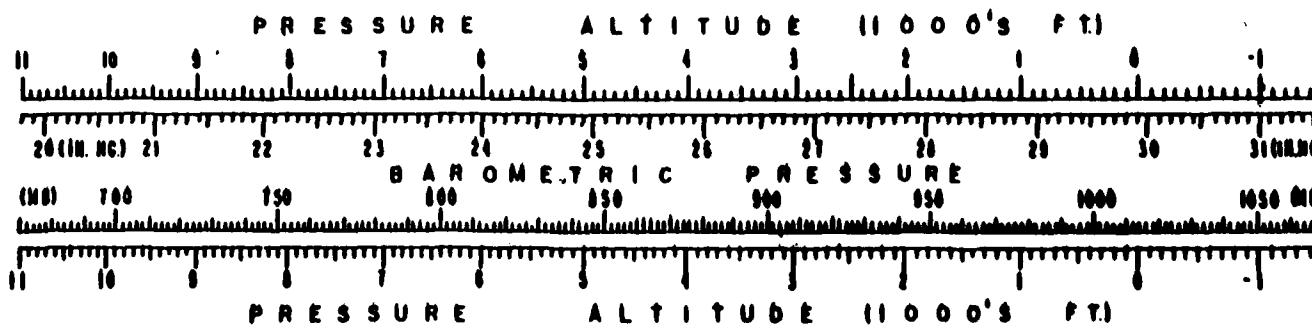
PRESSURE SUMMARY

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.

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.



U.S. AIR FORCE
METEOROLOGICAL SERVICE
AFMPC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

STATION NAME
MAXWELL AFB AL

75-85

STATION	STATION NAME	YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN															
S D															
TOTAL OBS															
MEAN															
S D															
TOTAL OBS															
MEAN			29.940	29.934	29.840	29.876	29.875	29.836	29.854	29.865	29.851	29.904	29.940	29.959	29.876
S D			.200	.200	.204	.152	.117	.085	.070	.073	.103	.125	.146	.153	.147
TOTAL OBS			205	199	249	214	310	297	310	310	300	304	215	167	3116
MEAN			30.005	29.976	29.891	29.874	29.825	29.851	29.874	29.887	29.874	29.940	29.974	30.018	29.913
S D			.205	.195	.199	.161	.117	.086	.072	.075	.110	.121	.153	.190	.159
TOTAL OBS			296	283	310	299	310	297	310	310	300	309	299	281	3004
MEAN			29.959	29.944	29.847	29.843	29.800	29.825	29.848	29.858	29.840	29.895	29.923	29.969	29.878
S D			.201	.191	.196	.155	.113	.086	.071	.073	.106	.115	.150	.154	.153
TOTAL OBS			296	283	310	300	310	297	310	310	300	309	299	279	3003
MEAN			29.912	29.883	29.790	29.789	29.755	29.778	29.801	29.806	29.791	29.849	29.879	29.928	29.829
S D			.199	.187	.190	.151	.109	.083	.070	.072	.098	.112	.143	.178	.150
TOTAL OBS			297	283	310	300	310	297	307	310	300	309	299	278	3000
MEAN			29.931	29.893	29.795	29.785	29.746	29.774	29.799	29.806	29.800	29.863	29.897	29.945	29.834
S D			.196	.185	.184	.147	.108	.082	.070	.069	.095	.111	.143	.177	.151
TOTAL OBS			294	280	310	300	310	297	303	310	300	309	299	256	3572
MEAN			29.952	29.918	29.830	29.816	29.783	29.807	29.834	29.846	29.835	29.893	29.921	29.965	29.865
S D			.199	.185	.180	.146	.106	.081	.070	.071	.094	.111	.145	.182	.148
TOTAL OBS			293	280	300	283	303	297	303	310	300	309	299	254	3531
MEAN			29.951	29.924	29.830	29.824	29.786	29.812	29.835	29.845	29.832	29.891	29.921	29.968	29.866
S D			.202	.193	.194	.156	.110	.088	.075	.078	.105	.119	.150	.185	.154
TOTAL OBS			1691	1623	1789	1736	1853	1782	1343	1560	1800	1845	1710	1517	21524
ALL HOURS															

**DAT
FILM**