AD A074661

USAFETAC/DS-79/035

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

MAXWELL AFB ALABAMA/MONTGOMERY WBAN # 13821
N 32 23 W 086 22 ELEV: 169 FT KMXF WMO # - - -

PARTS A-F
POR FROM HOURLY OBS: JAN 37-DEC 41, SEP 42-JUL 71, SEP 71-DEC 72

POR FROM DAILY OBS: FEB 37-DEC 41, SEP 42-JUL 56, JAN 64-DEC 72

SEP 19 1974

FEDERAL BUILDING
ASHEVILLE, N. C.

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DATA PROCESSING SHEET

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
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18. SUPPLEMENTARY NOTES

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

*RUSSWO	Daily temperature	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometric summary
Surface Winds	Extreme temperature	Ceiling versus visibility
Relative humidity	*Climatological data	(over)

20 ABSTRACT (Continue on reverse side if necessary and identify by block number)

This report is a six-part statistical summary of surface weather observations for Maxwell AFB, Montgomery, Alabama

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

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

* Alabama * Maxwell AFB, AL

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

NO SUMMARY OF DAY DATA RECORDED ON WBAN-10 FORMS FOR

PERIOD 1 AUG 56 THRU DEC 63 FOR THIS STATION.

THE EXTREME VALUES COULD CONTAIN SUSPECT OR QUESTIONABLE DATA. SUCH CASES USUALLY APPEAR IN THE TABULATIONS AS A PERCENTAGE FREQUENCY OF ".0", WHICH USUALLY INDICATES ONLY ONE OCCURRENCE. THESE MAY OR MAY NOT BE COMPLETELY VALID, BUT THE USER SHOULD NOT DISREGARD THEM ENTIRELY. OBVIOUS ERRORS OR IMPOSSIBLE CONDITIONS HAVE BEEN LINED THROUGH IN BLACK INK.

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REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

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

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS

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

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

S74-29958

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
13821	MAXWELL AFB ALABAMA/MONTGOMERY	N 32 23	W 086 22	179	KMXF	-

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION FROM	AT THIS LOCATION TO	LATITUDE	LONGITUDE	ELEVATION ABOVE MSL HGT FT STATION (FT)	ELEVATION ABOVE MSL HGT FT TYPE BAROMETER	OBS PER DAY
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

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
1	Jan 37to Dec 41	Located on the Tower Bldg.	Anemometer	N/A	60 Ft	
2	Sep 42to May 48	Same	Selsyn	ML-144	Same	
3	Jun 48to Feb 54	Located 200 ft S of Weather Station.	Same	Same	45 Ft	
4	Mar 54to Feb 55	Located on top of Bldg adjacent to Weather Station.	Same	Same	29 Ft	
5	Mar 55to Feb 57	Located on Hangar S of Base Operations.	Same	Same	80 Ft	
6	Mar 57to Apr 62	Located in Base Control Tower.	Same	Same	78 Ft	

USAFETAC FORM APR 68 0-19 (OL A)

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 62to Aug 62	Located 750 ft from the end and 500 ft E of Rnwy 14.	AN/GMQ-11	RO-2	13 Ft	
8	Sep 62to Feb 64	Located 950 ft N of Rnwy 14,450 ft S from Taxiway A.	Same	Same	12 Ft	
9	Mar 64to Sep 70	Located 750 ft from the end and 500 ft E of Rnwy 14.	Same	Same	13 Ft	
10	Oct 70to Dec 72	Located 1000 ft ENE of centerline, 1550 ft from end of Rnwy 14.	Same	Same	Same	

MAC—S AFB, [illegible]

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A

PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

74-29959

DATA PROCESSING BRANCH
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WEATHER CONDITIONS

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 YEARS | ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.3	10.6	.2	.3		11.0	14.4	14.7	.0	.1	26.6	25838
FEB		.5	10.5	.0	.2	.0	10.7	10.9	13.2	.0	.1	22.3	23479
MAR		1.4	9.4		.1	.0	9.5	8.5	11.1	.0	.4	18.8	24977
APR		1.6	6.1			.0	6.1	6.9	7.8		.2	13.4	24836
MAY		1.4	4.4			.0	4.4	4.6	6.7		.1	10.1	25720
JUN		2.3	4.4				4.4	3.7	7.2		.0	9.7	24831
JUL		2.8	5.1				5.1	4.4	5.9		.0	8.9	25488
AUG		2.2	3.9				3.9	5.8	7.7		.0	11.6	25049
SEP		.8	5.7				5.7	6.2	7.5		.0	11.9	25653
OCT		.2	4.1			.0	4.1	7.9	11.1		.0	16.4	26473
NOV		.3	6.5	.0	.0		6.5	10.6	13.5		.0	21.1	25639
DEC		.3	10.8		.1		10.9	15.1	15.1		.0	27.0	26422
TOTALS		1.2	6.8	.0	.1	.0	6.9	8.3	10.1	.0	.1	16.5	304405

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WEATHER CONDITIONS

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	.5	12.1	.2	.4		12.7	15.3	13.2		.1	26.0	3213
	03-05	.4	12.0	.2	.2		12.4	20.9	14.8		.0	31.1	3226
	06-08	.2	11.4	.2	.3		12.0	26.2	22.3			41.9	3237
	09-11	.1	10.4	.1	.4		10.8	16.1	19.5		.0	33.4	3238
	12-14	.2	9.4	.2	.4		9.8	9.5	11.0		.2	19.3	3236
	15-17	.6	10.0	.1	.2		10.1	8.0	10.3	.1	.2	17.6	3236
	18-20	.2	8.8	.2	.2		9.2	8.9	12.7	.0	.1	20.8	3231
	21-23	.2	10.4	.1	.2		10.7	10.5	13.6		.1	22.6	3221
TOTALS		.3	10.6	.2	.3		11.0	14.4	14.7	.0	.1	26.6	25838

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DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02	.5	11.3		.1		11.4	11.2	12.7		.0	21.9	2935
	03-05	.7	12.9		.3		13.1	17.5	12.6		.1	26.6	2935
	06-08	.4	11.4		.2		11.7	23.4	20.5	.0	.1	38.3	2935
	09-11	.3	9.4		.3		9.6	11.0	16.4		.2	25.8	2937
	12-14	.4	9.1		.1	.0	9.2	5.6	9.1		.0	14.3	2937
	15-17	.4	9.2		.2		9.4	5.2	9.6			14.2	2928
	18-20	.5	10.2	.1	.2		10.3	6.0	12.3		.0	17.9	2933
	21-23	.4	10.7		.4		11.1	7.3	12.4		.0	19.2	2939
TOTALS		.5	10.5	.0	.2	.0	10.7	10.9	13.2	.0	.1	22.3	23479

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (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	1,5	9,9		,1	,0	9,9	8,0	10,5		,2	17,8	3126
	03-05	2,1	11,0		,1		11,1	13,9	13,7		,4	25,4	3121
	06-08	1,2	10,4		,2		10,6	21,6	21,8	,0	,1	37,9	3118
	09-11	,7	8,2		,1		8,3	7,7	11,9		,5	19,7	3125
	12-14	,8	7,8		,1		7,9	3,9	5,8	,0	,6	10,1	3125
	15-17	1,4	9,1		,1		9,2	3,8	5,8		,6	10,1	3120
	18-20	2,0	9,6		,1	,0	9,7	4,6	9,2		,6	14,0	3128
	21-23	1,3	9,3		,0	,0	9,3	4,8	10,1		,4	15,1	3114
TOTALS		1,4	9,4		,1	,0	9,5	8,5	11,1	,0	,4	18,8	24977

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	1.8	5.4				5.4	6.7	8.0			13.2	3050
	03-05	2.0	7.3				7.3	18.0	12.5			26.1	3049
	06-08	1.2	7.2				7.2	18.1	19.5		.0	32.2	3130
	09-11	.8	5.9				5.9	3.5	6.6		.2	9.8	3128
	12-14	1.3	5.5			.0	5.5	2.2	2.3		.4	4.8	3126
	15-17	1.6	5.8			.0	5.8	1.6	2.0		.4	3.9	3128
	18-20	2.4	6.0				6.0	1.8	5.2		.5	7.3	3125
	21-23	1.5	5.3				5.3	3.3	6.2		.4	9.6	3100
TOTALS		1.6	6.1			.0	6.1	6.9	7.8		.2	13.4	24836

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	.9	3.8			.0	3.8	4.9	7.7		.1	11.6	3158
	03-05	1.1	4.0				4.0	15.6	13.7		.1	24.7	3188
	06-08	.5	3.7				3.7	10.8	17.6		.1	24.7	3240
	09-11	.5	3.7				3.7	1.6	4.3		.1	5.9	3235
	12-14	1.0	4.1				4.1	.6	1.1		.1	1.7	3236
	15-17	2.7	5.8				5.8	.5	1.2		.1	1.7	3240
	18-20	2.4	4.8				4.8	1.0	3.1		.0	4.1	3240
	21-23	1.8	4.9			.0	4.9	1.4	5.1		.2	6.6	3183
TOTALS		1.4	4.4			.0	4.4	4.6	6.7		.1	10.1	25720

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (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	.8	2.7				2.7	3.2	7.6			10.1	3053
	03-05	.5	2.7				2.7	13.5	16.1			24.4	3076
	06-08	.6	3.8				3.8	9.5	17.0			22.3	3125
	09-11	.8	3.5				3.5	1.2	5.7			6.9	3130
	12-14	3.5	5.2				5.2	.4	2.1			2.5	3128
	15-17	5.1	7.4				7.4	.5	1.7		.2	2.3	3122
	18-20	4.1	5.4				5.4	.8	3.2		.0	3.9	3122
	21-23	2.6	4.2				4.2	.8	4.1		.0	4.8	3075
TOTALS		2.3	4.4				4.4	3.7	7.2		.0	9.7	24831

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WEATHER CONDITIONS

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	,7	2,2				2,2	4,2	7,1			9,9	3151
	03-05	,5	2,8				2,8	15,3	12,9			23,2	3166
	06-08	,6	3,2				3,2	13,0	14,5			22,9	3194
	09-11	1,1	4,5				4,5	1,2	4,8			5,7	3200
	12-14	4,6	7,2				7,2	,2	1,0		,0	1,2	3203
	15-17	7,8	9,9				9,9	,3	,7			1,0	3211
	18-20	5,3	7,2				7,2	,4	2,3		,0	2,6	3199
	21-23	1,8	3,7				3,7	,7	4,0			4,4	3164
TOTALS		2,8	5,1				5,1	4,4	5,9		,0	8,9	25488

USAFETAC FORM JAN 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-70,72 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	.7	1.6				1.8	5.1	8.0			11.5	3068
	03-05	.4	2.3				2.3	18.4	13.0			25.8	3099
	06-08	.2	2.8				2.8	18.2	20.1		.1	31.2	3159
	09-11	.7	3.4				3.4	1.7	6.4			7.7	3159
	12-14	3.5	4.9				4.9	.3	2.1		.0	2.4	3158
	15-17	6.0	6.7				6.7	.5	2.2		.0	2.7	3153
	18-20	4.0	6.0				6.0	1.0	4.6		.0	5.4	3156
	21-23	1.8	3.5				3.5	1.4	5.2		.0	6.4	3097
TOTALS		2.2	3.9				3.9	5.8	7.7		.0	11.6	25049

USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (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	.3	5.0				5.0	6.0	8.0			12.2	3144
	03-05	.3	5.4				5.4	16.4	11.5			23.7	3176
	06-08	.2	5.7				5.7	18.8	21.2			33.0	3235
	09-11	.3	4.6				4.6	2.0	6.8			8.6	3226
	12-14	1.0	6.6				6.6	1.2	1.5			2.7	3233
	15-17	1.6	6.6				6.6	1.5	1.8		.1	3.3	3232
	18-20	1.7	6.5				6.5	1.5	4.0			5.4	3231
	21-23	.6	5.2				5.2	1.8	4.8			6.2	3176
TOTALS		.8	5.7				5.7	6.2	7.5		.0	11.9	25653

USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	.1	3.9				3.9	7.9	11.1			16.3	3248
	03-05	.0	4.4				4.4	18.6	13.8			26.8	3271
	06-08	.0	4.4				4.4	25.6	25.0			40.7	3334
	09-11	.1	4.0				4.0	3.7	13.2		.1	16.1	3335
	12-14	.1	4.3				4.3	1.5	3.1			4.5	3339
	15-17	.7	4.3			.0	4.3	1.5	4.3			5.5	3336
	18-20	.4	3.9				3.9	1.4	8.5			9.6	3333
	21-23	.3	3.6				3.6	2.8	9.9		.1	11.9	3277
TOTALS		.2	4.1			.0	4.1	7.9	11.1		.0	16.4	26473

USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	.2	6.0		.1		6.1	11.3	12.0		.0	20.3	3145
	03-05	.3	8.4		.0		8.4	19.6	14.5			28.3	3146
	06-08	.4	8.5		.1		8.5	29.4	25.6		.0	44.2	3231
	09-11	.1	6.5	.0	.1		6.5	9.0	17.8			24.9	3227
	12-14	.2	5.8				5.8	3.9	6.5			9.9	3230
	15-17	.4	5.4				5.4	3.2	7.4		.0	10.3	3234
	18-20	.3	5.8				5.8	3.2	11.9		.1	14.6	3223
	21-23	.2	5.7				5.7	5.5	12.0		.1	16.5	3203
TOTALS		.3	6.5	.0	.0		6.5	10.6	13.5		.0	21.1	25639

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF-OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02	.3	11.9		.1		12.0	17.4	13.6			27.3	3240
	03-05	.2	12.1		.1		12.2	22.6	13.4			30.9	3233
	06-08	.3	11.1		.1		11.2	29.5	22.8			43.1	3326
	09-11	.2	10.9		.1		11.0	15.8	21.7		.1	34.1	3340
	12-14	.2	9.2		.1		9.2	8.5	10.5		.1	18.0	3333
	15-17	.3	9.7		.1		9.7	8.0	10.6		.1	17.6	3339
	18-20	.4	10.6		.1		10.6	7.6	14.1			21.2	3316
	21-23	.4	11.0		.2		11.1	11.7	13.9			23.9	3295
TOTALS		.3	10.8		.1		10.9	15.1	15.1		.0	27.0	26422

USAFETAC FORM JAN 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PART A ATMOSPHERIC PHENOMENA

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

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

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

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

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

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

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

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DATA PROCESSING BRANCH
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XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XWEATHERXCONDITIONS
ATMOSPHERIC PHENOMENA

13821	MAXWELL AFB ALABAMA/MONTGOMERY	46-56, 64-72	ALL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	3.9	43.3	.5	3.1	.2	44.5	48.1	49.7		.3	66.8	620
FEB		5.1	43.7	.2	2.3	.2	41.9	44.2	44.2	.2	.2	59.2	566
MAR		14.1	43.0		1.7	.5	41.8	38.9	40.5	.2		56.3	588
APR		15.1	34.2			.4	33.2	37.4	38.2		.2	53.0	570
MAY		20.7	35.7			.7	34.5	37.2	37.9		.3	52.8	589
JUN		27.8	40.7			.2	39.5	31.1	37.8			46.3	598
JUL		37.7	51.8			.2	48.9	38.4	38.1			50.3	620
AUG		29.5	43.1				40.7	40.9	46.0			56.5	589
SEP		10.4	33.3			.2	31.4	43.0	46.0		.2	60.2	570
OCT		4.6	25.3				23.6	44.9	42.9			54.4	588
NOV		3.8	32.3		1.1		33.3	51.2	48.9			62.6	570
DEC		4.6	47.2		1.4		44.0	52.6	46.0			63.7	589
TOTALS		14.9	39.5	.1	.8	.2	38.1	42.3	43.0	.0	.1	56.8	7057

1210 WS FORM 0-10-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JULY 64

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APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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

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

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

Continued on Reverse Side

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

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

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

Air Force Stations:		U. S. Navy and National Weather Service (USWB)	
Beginning thru 1945	at 0800LST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 47	at 1230GMT	Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

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2 DATA PROCESSING BRANCH
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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-56, 64-72 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-.10	11-.25	.26-.50	.51-1 00	1 01-2.50	2 51-5 00	5 01-10 00	10 01-20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01 0 4	0.5 1.4	1 5-2 4	2 5 3 4	3 5 4 4	4.5-6 4	6.5 10 4	10 5-15 4	15.5-25 4	25 5 50 4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4 6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	55.2	13,3	2.0	4,8	4.3	5.6	5.8	5.8	3.0	.1				31.5	744	3.86	10.57	.85
FEB	55.0	10,6	1.4	4,9	3.7	5,8	8,3	6.0	4,1		.2			34,4	651	4.31	8.11	1.59
MAR	56.1	11,8	1.5	2.7	3,2	5,7	6,1	6,7	5.7	.5				32.0	743	5.94	14.04	2.29
APR	62.8	10.3	1.7	3,6	2.4	5,3	5.4	4,9	3.2	.6				26.9	720	4.07	11,23	1.05
MAY	62,6	12.0	1.3	4,0	3.2	4,4	4.6	4.4	3.2	,1				25,4	743	3.47	7.36	.47
JUN	58.6	11.4	.8	5,4	2.1	5,7	6,0	5.8	3.5	,4	.1			29.9	718	4.45	12.22	2,07
JUL	48.0	14.7	1.6	5,3	4.2	8,0	7.6	5.7	4,3	.7				37,2	741	5.49	9.71	2,52
AUG	55,8	15.8	2.0	4.8	2.7	5,2	5.6	3,8	4.1	,1	.1			28.3	713	4.18	15.39	.95
SEP	65.4	12.4	.4	4.1	3.2	4.7	3.3	2,8	2,9	.5	.1			22,2	749	3.50	8.41	.13
OCT	75.7	10.6	.4	2.2	1.5	4.2	1.9	1.5	2.0	,1				13,7	744	1.81	8.27	.26
NOV	66.5	10.1	1.6	2.7	2.3	4,5	4.3	4,8	2.8	,3	.1			23,4	749	3.53	19.34	.13
DEC	54.5	11.6	1.7	5.7	3.4	4,8	5.2	7.1	5.5	.4				33,9	743	5.58	10.12	.89
ANNUAL	59.7	12.0	1.4	4.2	3.0	5,3	5.3	4,9	3.7	,3	.0			28.2	8758	56.19		

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

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

13821 STATION — MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME — 37-56, 64-72 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
37													
38													
39	.75	1.16	1.73	.61	.57	.71*	1.47	5.60	.83	.19	.27	1.30	5.60
40	.98	2.03	2.28	2.09	.34	1.46	1.48	.96	.18	.42	1.58	2.18	2.28
41	1.63	1.30	1.89	.52	.47	1.41	1.28	1.70	.90	1.08	.49	2.82	2.82
42									1.47	.71	1.00	3.02	
43	2.19	.65	3.59	.91	2.36	1.06	2.18	2.29	.74	1.35	2.67	1.39	3.59
44	2.94	1.08	3.75	3.44	1.02	.66	1.00	1.09	1.39	.23	1.46	1.06	3.75
45	1.23	1.81	.87	2.71	2.80	2.01	1.33	1.05	1.50	1.25	2.36	2.08	2.80
46	1.60	1.36	2.19	1.15	1.78	6.28	2.09	1.88	1.96	1.06	.60	1.36	6.28
47	2.34	.90	1.51	1.61	1.60	1.03	2.00	2.50	.10	.20	2.06	1.25	2.50
48	1.48	1.16	2.33	.72	1.42	.85	3.42	1.93	1.34	1.09	5.85	1.30	5.85
49	.92	1.00	.94	1.55	1.64	3.75	4.68	2.44	.82	1.34	.13	1.40	4.68
50	1.29	1.40	.91	1.30	1.52	1.65	3.81	1.31	3.87	.45	.63	1.90	3.87
51	.82	.58	1.88	.89	1.06	1.45	1.77	1.43	2.80	.53	1.08	1.60	2.80
52	1.40	1.11	1.65	1.41	1.06	1.20	1.22	1.38	1.07	.87	.39	1.39	1.65
53	1.14	1.60	1.48	3.09	.75	.92	1.80	.48	5.39	.23	.78	3.07	5.39
54	.46	5.09	1.61	2.12	.58	.64	.84	.45	.16	1.30	.52	1.13	5.09
55	1.06	1.72	.89	3.04	1.55	.69	3.00	1.62	.37	.44	1.45	.57	3.04
56	1.06	1.04	2.29	1.02	.32	1.20	1.09						
64													
65									3.60		.69		
66	.94		* 1.87	.85	1.29	.96	1.45	1.17	2.41	3.30	2.00	2.30	
67	.86	2.12	1.03	.99*	2.09	3.16	1.84	1.35	2.16	1.68	1.34	2.29	3.16
68	.91	.83	1.24	1.66	1.11*	2.03	.80	1.45	1.06	1.21	2.50	1.53	2.50
69	1.12	1.48	2.58	.83	1.34	.66	2.07	2.39*	3.89	1.67	.26	1.15	* 3.89
70	1.71	1.03	2.27	.90	1.60	2.52	3.12	2.18	1.70	1.48	1.11	1.75	3.12
71	1.08	1.39	2.62	2.46	1.22	.58	1.57	1.22	2.45	.31	.96*	1.87	2.62
72	1.01	1.41	2.30	.73	2.27	2.19*	1.84	.44	1.14	1.16*	1.40	1.80	2.30
MEAN	1.288	1.446	1.904	1.523	1.319	1.629	1.965	1.666	1.732	.979	1.343	1.730	3.617
S D	.561	.888	.775	.868	.644	1.290	.981	1.056	1.335	.694	1.186	.636	1.314
TOTAL OBS.	744	651	743	720	743	718	741	713	749	744	749	743	8758

NOTE * (BASED ON < FULL MONTHS)

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

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

13821 STATION — MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME — 37-56, 64-72 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR.	APR	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
37													
38													
39	2.71	5.66	5.00	2.20	2.26	3.77*	3.39	15.39	2.84	.26	.54	2.55	*46.57
40	3.76	4.92	5.63	4.10	.75	7.47	5.62	2.51	.23	.53	3.88	7.93	47.33
41	2.90	3.53	4.92	2.07	.47	6.57	6.77	3.60	2.54	1.47	1.25	10.12	46.21
42									2.25	1.32	1.74	9.02	
43	5.02	1.79	14.04	1.48	3.40	2.88	6.06	3.37	2.35	1.58	3.46	3.08	48.51
44	5.18	5.91	10.19	8.69	2.36	2.57	3.55	4.83	2.54	.36	5.33	3.25	54.76
45	2.58	3.85	2.97	11.23	4.74	6.11	5.41	1.99	4.43	2.51	3.29	7.49	56.60
46	7.09	3.73	9.08	2.89	7.36	9.46	7.70	4.73	7.10	1.38	3.47	2.76	66.75
47	10.57	1.59	5.87	7.10	3.65	3.97	4.24	6.75	.13	.74	8.19	4.72	57.52
48	3.52	5.42	7.37	2.04	3.54	2.47	6.06	3.75	2.95	1.54	19.34	3.32	61.32
49	2.33	4.98	4.92	4.54	2.72	12.22	8.74	5.46	1.46	3.20	.13	3.73	54.43
50	2.36	3.53	3.97	3.83	4.72	2.98	9.71	2.75	6.63	1.04	.87	4.53	46.92
51	3.92	1.68	4.34	3.87	2.85	3.17	3.73	3.28	8.41	1.43	3.16	4.94	44.78
52	2.79	3.84	6.58	3.46	5.35	2.35	2.87	3.87	2.94	.88	1.08	6.91	43.12
53	3.50	0.07	3.18	9.20	3.16	4.21	6.23	1.15	7.15	.36	2.26	9.58	56.11
54	.85	6.88	4.26	2.85	.94	2.11	3.40	.95	.46	1.91	1.81	3.74	30.16
55	3.39	2.68	2.45	6.35	5.85	2.23	6.30	3.17	.42	1.13	3.45	.89	38.31
56	2.32	5.09	7.95	2.18	.86	3.80	4.76						
64													
65									4.33		1.40		
66	5.63		* 5.83	1.64	2.60	2.23	3.36	2.95	6.87	8.27	4.50	5.62	
67	3.25	5.12	2.29	2.22*	4.17	7.83	8.05	3.94	3.89	4.21	2.92	9.85	*57.74
68	3.13	2.12	2.54	4.44	1.95*	2.20	2.52	3.71	1.47	1.29	6.40	6.51	*38.28
69	2.20	5.00	5.44	2.70	5.88	2.07	5.98	7.33*	5.27	1.71	.64	4.05	*48.27
70	3.86	3.66	6.70	2.34	3.48	6.52	6.02	6.46	2.47	4.35	2.03	5.29	53.18
71	2.95	8.11	11.33	5.11	4.30	2.79	6.63	2.93	5.52	.58	2.28*	6.57	*59.10
72	6.74	3.99	5.80	1.05	3.71	4.93*	4.75	1.27	2.95	1.48*	4.92	7.56	*49.15
MEAN	3.856	4.311	5.944	4.068	3.470	4.455	5.494	4.180	3.504	1.814	3.534	5.584	50.233
S D.	2.043	1.692	2.917	2.670	1.773	2.686	1.907	2.969	2.386	1.750	3.819	2.560	8.538
TOTAL OBS.	744	651	743	720	743	718	741	713	749	744	749	743	8758

NOTE * (BASED ON < FULL MONTHS)

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-56, 64-72 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	02 05	.06 10	.11- 25	26 50	.51 1 00	1 01-2.50	2.51-5 00	5 01-10 00	10 01-20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0 1 0 4	0 5 1.4	1.5-2 4	2 5-3 4	3.5-4 4	4 5 6 4	6 5 10 4	10.5-15 4	15 5 25.4	25 5 50 4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4 6	7-12	13 24	25-36	37-48	49-60	61-120	OVER 120					
JAN	97.3	2.4	.3											.3	586	TRACE	.2	.0
FEB	97.5	2.3	.2											.2	481	TRACE	.4	.0
MAR	98.4	1.6													559	TRACE	TRACE	.0
APR	100.0														540	.0	.0	.0
MAY	100.0														558	.0	.0	.0
JUN	100.0														538	.0	.0	.0
JUL	100.0														558	.0	.0	.0
AUG	100.0														527	.0	.0	.0
SEP	100.0														540	.0	.0	.0
OCT	100.0														527	.0	.0	.0
NOV	99.1	.9													540	TRACE	TRACE	.0
DEC	98.5	1.5													526	TRACE	TRACE	.0
ANNUAL	99.2	.7	.0											.0	6478	.0		

1210 WS FORM JUL 64 0-15-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES
SNOWFALL

(FROM DAILY OBSERVATIONS)

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-56, 64-72 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR	APR	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
37													
38													
39													
40													
41													
42													
43													
44													
45													
46	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
47	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
48	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
49	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
50	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
51	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
52	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
54	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
55	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
56	.0	.0	.0	.0	.0	.0	.0						
64	* .0												
65									.0		.0		
66	.2		* .0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	
67	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
68	TRACE	.4	TRACE	.0	.0*	.0	.0	.0	.0	.0	TRACE	.0	.4
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
70	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
71	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0*	.0	TRACE
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN	.02	.02	TRACE	.00	.00	.00	.00	.00	.00	.00	TRACE	TRACE	.03
S D	.062	.097	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.282
TOTAL OBS.	586	481	557	540	558	538	558	527	540	527	540	526	6478

NOTE * (BASED ON < FULL MONTHS)

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

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

13821 STATION — MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME — 37-56, 64-72 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
37													
38													
39													
40													
41													
42													
43													
44													
45													
46	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
47	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
48	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
49	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
50	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
51	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
52	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
54	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
55	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
56	.0	.0	.0	.0	.0	.0	.0						
64	* .0												
63									.0		.0		
66	.2	*	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	
67	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	*TRACE
68	TRACE	.1	TRACE	.0	.0*	.0	.0	.0	.0	.0	TRACE	.0	* .1
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	*TRACE
70	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
71	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0*	.0	*TRACE
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	* .00
MEAN	.02	.02	TRACE	.00	.00	.00	.00	.00	.00	.00	TRACE	TRACE	.04
S.D	.062	.097	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.109
TOTAL OBS.	586	461	557	540	558	538	558	527	540	527	540	526	6478

NOTE * (BASED ON < FULL MONTHS)

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

2 DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

13621 MAXWELL AFB ALABAMA/MONTGOMERY 37-56, 64-72
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	01	.02-05	.06-10	11-.25	26-50	.51-1 00	1 01-2 50	2.51-5 00	5 01-10 00	10 01-20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1 0 4	0 5-1.4	1.5 2 4	2 5-3 4	3 5 4.4	4.5 6 4	6.5-10 4	10 5-15 4	15.5-25.4	25.5-50.4	OVER 50 4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	99.9	.1													775			
FEB	100.0														651			
MAR	100.0														743			
APR	100.0														719			
MAY	100.0														744			
JUN	100.0														718			
JUL	100.0														744			
AUG	100.0														713			
SEP	100.0														750			
OCT	100.0														744			
NOV	100.0														750			
DEC	100.0														743			
ANNUAL	100.0	.0													8794			

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

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES
SNOW DEPTH

(FROM DAILY OBSERVATIONS)

13821 STATION — MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME — 37-56, 64-72 YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
37													
38													
39	0	0	0	0	0	0	0	0	0	0	0	0	0
40	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
41	0	0	0	0	0	0	0	0	0	0	0	0	0
42									0	0	0		
43	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0*	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0						
64	0												
65									0		0		
66	0	*	0	0	0	0	0	0	0	0	0	0	
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0*	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0*	0	* 0
72	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S.D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	775	651	743	719	744	716	744	713	750	744	750	743	8794

NOTE * (BASED ON < FULL MONTHS)

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

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

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

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

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

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

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

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

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

74-29962

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

13021 MAXWELL AFB ALABAMA/MONTGOMERY 42-45, 53-56, 64-72
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42													
43													
44													
45													
53				SE *37	NNW 32	NNW 40	W *30	NW 18	NNE 46	W 29	NW 28	NW 35	
54	W 36	NW 42	W 61	SW 43	NW 26	NNW 44	ESE 45	ENE 52	E 41	NNW 30	SW 40	NW 42	W 61
55	NW 40	NW 39	SSW 39	NW 38	W 52	W 30	NE 52	NE 26	E 40	W 51	SSW 47	W 33	W 52
56	WSW *34	W 52	NW 43	SSW 45	NW 33	E 44	NNW *46						
64	NW 38	W *34	WSW 41	SW 43	NW 30	SSW 29	WSW 21	W 31	N 27	E 32	SSW 29	WSW 40	SW 43
65	WNW 30	W 33	NNE 42	SSW 30	SSE 58	SSW 32	SW 36	NW 34	SSE 2-	33	NW 33	N 31	SSE 58
66	NNW 30	SSE 36	W 31	NW 29	SW 21	ENE 37	W 29	SSE 28	S 29	E 30	W 24	S 22	ENE 37
67	SW 35	SE 32	W 30	N 32	ENE 26	ENE 33	WNW 23	NW 20	E 18	NW 21	WSW 28	NW 28	SW 35
68	SW 37	NNW 26	S 30	SW 21	ESE 37	ESE 23	32/ 33	6/ 31	01/ 18	30/ 22	24/ 28	27/ 33	SW 37
69	19/ 21	30/ 40	13/ 31	02/ 24	36/ 38	18/ 25	2/ 28	15/ 23	14/ 20	17* 21			
70		34* 25	16/ 26	29/ 42	6/ 44	18/ 33	29/ 28	18/ 39	16/ 46	15/ 21	19/ 23	12/ 38	
71	32/ 30	21/ 50	30/ 40	33/ 33	6/ 38	30/ 41	33/ 45	34/ 25	17/ 25	28/ 24	24/ 28	8/ 27	21/ 50
72	32/ 42	31/ 36	28/ 50	22/ 27	17/ 31	4/ 32	27/ 40	36/ 34	19/ 21	8/ 21	26/ 27	31/ 31	28/ 50
MEAN	33.9	37.1	38.7	34.2	35.8	34.1	35.1	30.1	29.8	27.9	30.5	32.7	47.0
S. D.	5.890	8.251	9.967	7.830	10.503	6.751	9.742	9.225	10.721	8.670	7.118	5.901	9.487
TOTAL OBS	327	313	370	373	401	384	392	358	336	342	329	337	4292

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

USAF ETAC FORM NO. 64 0-88-5 (OLI)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) ALL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.9	1.3	.3	.0	.0	.0	.0				5.0	5.6
NNE	1.5	1.6	.9	.2	.0	.0	.0	.0				4.3	5.1
NE	2.6	2.8	1.4	.2	.0	.0	.0					7.0	4.9
ENE	1.4	2.0	1.4	.3	.0	.0						5.1	5.7
E	.7	2.6	2.1	.4	.0	.0	.0					6.8	5.9
ESE	.7	1.3	1.1	.2	.0	.0	.0					3.2	6.3
SE	1.3	1.9	1.3	.3	.0	.0	.0	.0				4.7	5.8
SSE	.7	1.1	.9	.3	.0	.0	.0					3.0	6.4
S	1.5	1.8	1.3	.4	.1	.0	.0					5.1	6.0
SSW	.9	1.2	.9	.3	.1	.0		.0				3.4	6.2
SW	1.6	1.8	1.3	.5	.1	.0	.0	.0				5.2	6.0
WSW	.9	1.2	.9	.3	.1	.0	.0			.0		3.5	6.4
W	1.5	2.1	1.8	.8	.2	.1	.0	.0		.0		6.3	6.9
WNW	.7	1.1	1.1	.7	.2	.1	.0	.0		.0		3.9	8.1
NW	1.0	1.3	1.6	.9	.2	.1	.0	.0				5.1	7.9
NNW	.7	.9	1.0	.4	.1	.0	.0					3.1	7.0
VARBL													
CALM												25.3	
	20.3	26.5	20.2	6.3	1.1	.3	.0	.0		.0		100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 304411

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.0	2.2	.4	.1	.0						6.2	6.3
NNE	1.4	1.5	1.2	.1	.0							4.3	5.4
NE	2.0	2.2	1.2	.1	.0							5.5	4.9
ENE	1.2	1.7	1.4	.3	.0							4.7	6.0
E	1.5	2.5	1.9	.3	.0	.0						6.2	5.8
ESE	.6	1.3	1.0	.2	.0	.0						3.1	6.3
SE	1.1	1.8	1.4	.4	.1	.0						4.9	6.2
SSE	.7	1.1	1.0	.4	.1	.0						3.3	7.1
S	1.2	1.7	1.6	.7	.2	.1	.0					5.5	7.1
SSW	.8	.8	1.0	.4	.1	.0		.0				3.1	6.9
SW	1.1	1.2	1.2	.6	.1	.0		.0				4.3	6.9
WSW	.7	.8	.9	.4	.1	.0	.0					2.9	7.3
W	1.0	1.8	2.0	1.0	.4	.1	.0	.0				6.4	8.3
WNW	.8	1.3	1.7	1.4	.3	.1	.0	.0				5.7	9.0
NW	1.1	1.8	2.7	1.9	.5	.0	.0	.0				8.1	8.8
NNW	.6	1.3	1.5	.8	.1	.0						4.4	7.6
VARBL													
CALM												21.6	
	17.4	24.9	24.1	9.5	2.0	.5	.1	.0				100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 25838

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (MONTH)

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

(CONDITIONS)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.2	1.6	.4	.0	.0						5.8	5.9
NNE	1.3	2.0	1.2	.2	.0							4.7	5.5
NE	2.1	2.8	1.2	.1	.0							6.3	4.9
ENE	1.1	1.8	1.4	.2	.0							4.6	5.8
E	1.3	2.6	2.5	.5	.0	.0						6.9	6.4
ESE	.6	1.3	1.4	.3	.1	.0						3.6	6.7
SE	1.1	1.9	1.4	.3	.0							4.8	6.2
SSE	.6	1.0	1.1	.4	.1	.0	.0					3.2	7.1
S	1.4	1.8	1.7	.8	.1	.0						5.7	6.7
SSW	.7	1.1	1.1	.7	.2	.0						3.8	7.7
SW	1.2	1.5	1.4	.9	.2	.0	.0					5.2	7.4
WSW	.5	.9	1.1	.5	.1	.0	.0					3.2	7.9
W	1.1	2.1	2.1	1.5	.4	.1	.0					7.5	8.6
WNW	.6	1.2	1.5	1.6	.6	.2	.0					5.7	10.2
NW	.9	1.6	2.3	1.6	.5	.2	.0					7.2	9.1
NNW	.6	1.1	1.6	.7	.1	.0						4.2	7.8
VARBL													
CALM												17.5	
	16.7	27.0	24.7	10.8	2.5	.7	.1					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 24481

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.8	1.7	.4	.0							5.1	6.2
NNE	1.1	1.5	1.0	.3	.0	.0		.0				3.9	5.7
NE	1.9	2.2	1.4	.2	.0							5.6	5.3
ENE	1.1	1.6	1.1	.2	.0							4.0	5.7
E	1.3	2.2	1.8	.4	.0							5.8	6.2
ESE	.6	1.2	1.3	.5	.0	.0	.0					3.6	7.1
SE	1.2	1.9	1.5	.5	.1	.0						5.3	6.3
SSE	.7	1.4	1.4	.5	.1	.0						4.0	6.9
S	1.4	2.2	2.3	1.0	.1	.0	.0					7.2	7.1
SSW	.8	1.3	1.8	.9	.2	.0		.0				5.0	7.9
SW	1.1	1.6	1.6	1.0	.2	.1						5.6	7.6
WSW	.6	1.0	1.0	.7	.2	.1						3.5	8.1
W	1.1	1.8	2.1	1.5	.5	.2	.0			.0		7.1	8.7
WNW	.6	1.1	1.7	1.3	.6	.2	.0					5.5	10.0
NW	.8	1.6	2.6	1.7	.5	.2	.0					7.3	9.3
NNW	.5	1.0	1.5	.8	.1	.0						3.9	8.2
VARBL													
CALM												17.6	
	15.8	25.6	25.8	11.8	2.5	.8	.0	.0		.0		100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 24981

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.4	1.0	.2	.0	.0						3.9	5.6
NNE	.9	1.2	.7	.2	.0	.0						2.9	5.6
NE	2.1	1.7	1.0	.1	.0							4.9	4.7
ENE	1.1	1.2	.7	.1	.0							3.1	5.2
E	1.4	2.0	1.5	.3	.0	.0	.0					5.2	5.8
ESE	.8	1.4	1.5	.4	.0	.0	.0					4.1	6.7
SE	1.6	2.4	1.9	.5	.1	.0	.0					6.4	6.1
SSE	.8	1.7	1.4	.4	.1	.0						4.5	6.6
S	2.0	3.3	2.4	.7	.1	.0	.0					8.5	6.3
SSW	1.2	2.4	1.6	.7	.1	.0						5.9	6.7
SW	1.6	2.2	2.0	.8	.2	.0	.0					6.8	6.8
WSW	.7	1.3	1.3	.5	.2	.1						4.1	7.6
W	1.2	1.9	2.0	1.2	.3	.2	.0					6.8	8.1
WNW	.5	.9	1.0	.8	.2	.1	.0	.0		.0		3.5	8.9
NW	.9	1.1	1.5	1.1	.3	.0	.0					4.9	8.4
NNW	.6	.9	.9	.5	.0	.0						3.0	7.2
VARBL													
CALM												21.4	
	18.6	27.0	22.1	8.7	1.7	.4	.0	.0		.0		100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 24837

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.9	1.2	.2	.0	.0		.0				4.7	5.4
NNE	1.4	1.5	.8	.1	.0							3.8	5.0
NE	2.3	2.4	1.1	.1	.0							5.9	4.7
ENE	1.1	1.5	.9	.1	.0							3.7	5.2
E	1.5	2.0	1.6	.2	.0							5.3	5.5
ESE	.6	1.3	1.0	.2								3.1	6.0
SE	1.5	2.2	1.3	.2	.0	.0						5.2	5.6
SSE	.9	1.4	1.0	.2	.0	.0	.0					3.5	5.8
S	1.9	2.3	1.5	.3	.0	.0						5.9	5.5
SSW	1.2	1.6	1.1	.3	.0							4.2	5.8
SW	2.0	2.5	2.0	.6	.1	.0						7.1	6.0
WSW	1.1	1.7	1.3	.4	.1	.0				.0		4.6	6.3
W	1.6	2.3	2.1	.6	.1	.0	.0	.0				6.8	6.6
WNW	.7	1.0	.9	.4	.2	.0						3.1	7.2
NW	1.0	1.0	1.0	.4	.1	.0	.0					3.5	6.6
NNW	.7	.8	.7	.2	.0	.0	.0					2.4	6.1
VARBL													
CALM												27.3	
	20.6	27.4	19.5	4.4	.6	.1	.0	.0		.0		100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 25717

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.4	.6	.1	.0							3.7	4.9
NNE	1.5	1.5	.6	.1	.0		.0					3.8	4.8
NE	2.2	2.4	1.0	.1	.0	.0						5.8	4.7
ENE	1.5	2.0	1.1	.2	.0							4.8	5.3
E	1.8	2.5	1.7	.2	.0	.0	.0					6.3	5.4
ESE	.7	1.2	.8	.1								2.8	5.7
SE	1.3	1.7	1.0	.2	.0	.0						4.3	5.4
SSE	.8	1.0	.7	.2	.0	.0						2.7	6.0
S	2.1	1.9	1.2	.3	.0	.0	.0					5.5	5.3
SSW	1.3	1.6	.8	.2	.0	.0						3.9	5.2
SW	2.5	2.9	1.9	.5	.0	.0						7.8	5.5
WSW	1.1	2.0	1.4	.4	.0	.0						5.0	6.1
W	1.9	2.7	2.1	.6	.1	.0						7.4	6.1
WNW	.7	1.0	.7	.3	.0		.0					2.7	6.1
NW	.9	.9	.9	.3	.0	.0						3.1	6.2
NNW	.6	.7	.3	.1	.0	.0						1.7	5.5
VARBL													
CALM												28.9	
	22.2	27.4	17.1	3.9	.3	.1	.0					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 24837

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.2	.5	.1	.0		.0					2.9	4.7
NNE	1.1	1.1	.4	.1								2.7	4.5
NE	1.8	2.3	1.0	.1	.0		.0					5.2	4.9
ENE	1.0	1.6	1.0	.2	.0							3.8	5.6
E	1.5	2.2	1.5	.2	.0							5.4	5.6
ESE	.6	1.3	.8	.1	.0							2.9	5.8
SE	1.6	2.1	1.3	.1	.0			.0				5.1	5.3
SSE	.8	1.2	.7	.2	.0		.0					2.9	5.6
S	2.1	2.2	1.2	.2	.0	.0						5.7	5.1
SSW	1.7	1.7	.9	.2	.0	.0						4.5	5.0
SW	2.7	3.6	1.6	.3	.0							8.3	5.1
WSW	1.7	2.5	1.4	.2	.0		.0					5.8	5.3
W	3.2	3.4	2.1	.4	.0	.0						8.1	5.6
WNW	.9	1.2	.7	.1	.0	.0						2.9	5.4
NW	.9	1.0	.5	.1	.0	.0						2.6	5.3
NNW	.6	.5	.3	.1	.0	.0	.0					1.4	5.0
VARBL													
CALM												29.7	
	22.3	29.3	15.7	2.6	.3	.1	.0	.0				100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 25489

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-11,43-70,72 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	2.0	.7	.1	.0	.0						4.6	4.6
NNE	2.0	1.6	.6	.1	.0							4.3	4.4
NE	2.9	2.7	1.1	.2	.0	.0	.0					6.9	4.7
ENE	1.4	2.1	1.2	.2	.0	.0						5.1	5.5
E	1.7	2.8	1.7	.3	.0							6.5	5.6
ESE	.7	1.0	.7	.1	.0	.0						2.6	5.9
SE	1.5	1.7	.8	.2	.0							4.3	5.2
SSE	.8	1.1	.6	.1	.0							2.7	5.5
S	2.0	1.8	.7	.2	.0		.0					4.7	4.6
SSW	1.4	1.1	.5	.1	.0							3.2	4.6
SW	2.2	2.5	1.0	.1	.0	.0	.0					5.7	4.7
WSW	1.1	1.7	1.0	.1	.0							3.9	5.3
W	1.7	2.5	1.6	.2	.0	.0	.0					5.9	5.5
WNW	.7	.8	.8	.1	.0							2.4	5.7
NW	1.1	1.1	.7	.2	.0	.0	.0	.0				3.1	5.5
NNW	.7	.6	.3	.1	.0							1.7	5.1
VARBL													
CALM												32.5	
	23.7	27.1	13.9	2.5	.3	.1	.0	.0				100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 25045

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	1.9	1.1	.2	.0	.0	.0					5.3	5.1
NNE	2.2	2.0	1.1	.2	.0	.0	.0					5.6	5.0
NE	4.0	4.5	2.7	.6	.1	.0						11.8	5.3
ENE	2.2	3.8	3.0	.8	.1							9.9	6.2
E	2.3	4.2	3.8	.9	.1	.0						11.3	6.4
ESE	.8	1.4	1.2	.2	.0	.0						3.7	6.1
SE	1.4	1.7	1.0	.1	.0							4.2	5.2
SSE	.6	.8	.5	.1	.0	.0						1.9	5.2
S	1.1	1.2	.6	.1	.0							3.0	5.0
SSW	.6	.7	.4	.0	.0							1.7	5.2
SW	1.2	1.2	.5	.1								3.0	4.7
WSW	.6	.7	.3	.1		.0						1.7	5.0
W	1.3	1.3	.7	.1	.0	.0						3.4	5.0
WNW	.6	.6	.5	.1	.0							1.7	5.6
NW	1.1	1.0	.8	.2	.0							3.0	5.4
NNW	.6	.7	.6	.2	.0	.0						2.1	6.0
VARBL													
CALM												26.7	
	22.5	27.6	18.7	4.0	.3	.1	.0					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 25651

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	2.1	1.4	.4	.0							6.0	5.4
NNE	2.4	2.1	1.2	.2	.0	.0						6.0	4.9
NE	4.1	4.3	2.3	.3	.0							11.0	5.0
ENE	2.2	2.9	2.1	.5	.0							7.7	5.7
E	2.3	3.6	2.8	.4	.0							9.1	5.8
ESE	.6	1.2	1.0	.2	.0							3.0	6.0
SE	1.1	1.2	.9	.1	.0							3.3	5.3
SSE	.5	.6	.4	.1	.0							1.6	5.7
S	1.0	.7	.4	.1	.0	.0						2.1	5.0
SSW	.5	.4	.2	.0	.0							1.1	4.7
SW	1.1	.7	.4	.1	.0							2.3	4.5
WSW	.7	.6	.4	.1	.0							1.9	5.3
W	1.3	1.5	1.0	.3	.0	.0						4.1	5.7
WNW	.9	.9	.9	.3	.0	.0						3.0	6.3
NW	1.2	1.3	1.3	.5	.1	.0						4.5	6.8
NNW	.9	1.1	1.2	.4	.1	.0						3.7	6.7
VARBL													
CALM												29.5	
	22.9	25.2	17.9	3.9	.5	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 26470

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.1	1.6	.3	.1	.0						5.8	5.9
NNE	1.6	1.9	1.3	.2	.0							5.0	5.4
NE	2.9	3.2	1.2	.2	.0							7.5	4.7
ENE	1.5	1.9	1.1	.1	.0							4.6	5.2
E	1.8	2.6	1.9	.2	.0	.0						6.5	5.5
ESE	.7	1.2	.9	.1	.0							3.0	5.7
SE	1.1	1.8	1.5	.2	.0	.0						4.6	5.9
SSE	.7	1.0	.8	.2	.0	.0	.0					2.7	6.4
S	1.1	1.1	1.1	.3	.1	.0	.0					3.7	6.3
SSW	.5	.6	.5	.2	.1	.0						2.0	6.5
SW	1.0	.9	.8	.3	.1	.0						3.1	6.1
WSW	.7	.8	.6	.2	.0	.0						2.4	6.0
W	1.6	1.9	1.7	.7	.1	.0	.0					6.1	6.6
WNW	1.0	1.4	1.7	.9	.3	.1						5.3	8.1
NW	1.3	1.6	2.0	1.3	.3	.1	.0					7.3	8.2
NNW	.9	1.1	1.5	.6	.1	.0						4.3	7.5
VARBL													
CALM												26.3	
	20.1	25.1	20.7	6.2	1.2	.3	.0					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 25637

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.3	1.7	.5	.1	.0						6.2	5.9
NNE	1.7	1.8	1.1	.2		.0						4.7	5.1
NE	2.6	2.6	1.7	.1	.0							7.1	5.0
ENE	1.5	1.8	1.3	.4	.0	.0						5.0	5.8
E	1.7	2.4	2.3	.7	.0	.0						7.1	6.3
ESE	.6	1.2	1.2	.3	.0	.0	.0					3.5	6.7
SE	1.1	1.8	1.4	.3	.1	.0						4.7	6.1
SSE	.8	1.0	1.0	.4	.1	.0						3.0	7.2
S	1.3	1.2	1.2	.4	.1	.0						4.1	6.3
SSW	.7	.8	.6	.2	.0							2.4	5.9
SW	1.4	1.1	.9	.3	.0	.0						3.8	5.7
WSW	1.0	.8	.6	.3	.1	.0	.0					2.8	6.1
W	1.5	1.9	1.8	1.0	.2	.0						6.4	7.2
WNW	.9	1.4	1.4	1.1	.2	.1	.0					5.2	8.3
NW	1.0	1.6	2.2	1.3	.4	.1						6.5	8.4
NNW	.8	1.1	1.4	.5	.1	.0						4.0	7.1
VARBL													
CALM												23.6	
	20.0	24.8	22.0	7.9	1.4	.3	.0					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 26428

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	2.6	1.8	.3	.1							7.3	5.4
NNE	1.8	1.8	1.2	.1	.0							4.9	5.0
NE	1.6	2.6	1.2	.1								5.5	5.0
ENE	1.0	1.2	1.3	.1	.1							3.7	6.2
E	1.7	2.0	1.6	.1								5.4	5.4
ESE	.5	1.2	.9	.2								2.8	6.1
SE	1.1	1.5	1.5	.3	.1							4.5	6.2
SSE	.8	.8	.8	.4	.1							2.9	6.9
S	1.8	1.6	1.3	.5	.0							5.3	5.7
SSW	.6	.8	.8	.2				.0				2.4	6.3
SW	1.6	1.1	1.0	.4	.0							4.1	5.6
WSW	.6	.9	.5	.4		.0						2.5	6.7
W	1.0	1.4	1.6	.7	.2	.0	.1					4.9	7.8
WNW	1.0	1.1	1.5	1.1	.0	.0						4.6	7.7
NW	1.4	1.6	2.5	1.5	.2	.1						7.3	8.0
NNW	.6	1.5	1.5	.6	.1	.0						4.4	7.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	27.4	
	19.4	23.8	21.0	7.1	1.0	.2	.1	.0				100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 3213

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	1.8	2.1	.5	.1							6.5	6.0
NNE	2.0	1.6	1.5	.1								5.2	5.1
NE	2.6	2.7	1.4	.1	.0							6.9	4.9
ENE	1.5	2.1	1.2	.4	.1							5.3	5.9
E	1.9	2.2	1.7	.1								5.9	5.3
ESE	.6	1.2	.6	.3								2.7	6.0
SE	1.1	1.1	.9	.3								3.4	5.8
SSE	.7	.9	.6	.3	.0							2.6	6.6
S	.9	1.3	1.0	.2	.1							3.5	6.0
SSW	.7	.6	.7	.1								2.1	5.4
SW	1.3	1.0	.9	.2	.1			.0				3.5	6.0
WSW	.5	.4	.9	.4	.0							2.2	7.4
W	.9	1.6	2.0	1.0	.2		.0					5.8	7.7
WNW	1.1	1.4	1.6	.9	.2	.1	.1					5.3	8.2
NW	1.0	1.5	2.6	1.5	.3	.0						6.9	8.-
NNW	.6	1.2	1.3	.5	.1							3.7	7.0
VARBL													
CALM												28.6	
	19.4	22.7	21.0	6.9	1.1	.2	.1	.0				100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 3226

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.7	1.9	.4	.0							5.3	6.4
NNE	2.5	1.8	1.4	.2	.1							5.9	5.1
NE	3.3	3.1	1.8	.1								8.3	4.7
ENE	1.9	2.1	1.6	.4								6.0	5.6
E	2.0	2.8	1.3	.2	.1	.0						6.4	5.5
ESE	.7	1.1	.9	.2	.0	.0						3.0	6.4
SE	1.3	1.5	1.4	.3	.1							4.6	5.9
SSE	1.0	.6	.6	.4	.1	.0						2.6	6.7
S	.9	.9	.9	.2	.2							3.1	6.3
SSW	.9	.7	.5	.0								2.1	4.7
SW	1.1	1.2	.9	.2	.0							3.4	5.5
WSW	.6	.6	.5	.2	.1	.1						2.1	6.9
W	1.1	1.5	1.9	.8	.4	.1						5.8	8.0
WNW	.8	1.6	1.1	1.2	.5	.1						5.3	9.1
NW	.8	1.6	2.8	1.0	.2							6.4	8.2
NNW	.6	1.1	1.4	.6	.0							3.6	7.2
VARBL													
CALM												26.0	
	20.8	23.8	20.8	6.4	1.9	.3						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 3237

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,63-72 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.5	2.5	.5	.1							6.0	6.8
NNE	1.3	1.7	1.6	.2								4.8	5.7
NE	2.1	2.5	1.5	.2								6.4	5.2
ENE	1.1	2.7	2.0	.5	.1							6.3	6.3
E	1.2	3.3	3.1	.4	.0							8.2	6.4
ESE	.6	1.5	1.3	.2		.0						3.6	6.6
SE	1.1	2.2	1.4	.4	.1							5.2	6.2
SSE	.4	1.1	1.3	.4	.1	.1						3.4	8.0
S	.7	1.1	1.5	.9	.2	.1						4.7	8.7
SSW	.5	.6	1.1	.6	.1							3.0	8.1
SW	.7	1.1	1.4	.6	.2							4.0	7.5
WSW	.7	1.1	1.0	.3	.1	.1						3.3	7.2
W	1.2	1.6	2.4	1.3	.7	.1	.1					7.4	9.1
WNW	.6	1.3	1.8	1.7	.4	.1						5.8	9.6
NW	.6	1.5	2.8	2.1	.6	.0						7.7	9.6
NNW	.5	1.0	1.5	.8	.2							4.0	8.2
VARBL													
CALM												16.5	
	14.7	25.8	28.3	11.2	2.9	.5	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 3237

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.5	2.3	.7	.1							5.7	7.2
NNE	.6	1.0	1.0	.2								2.8	6.2
NE	1.6	1.6	1.1	.0								4.3	4.8
ENE	.9	1.1	1.6	.3	.0							3.9	6.3
E	1.4	3.3	2.1	.4	.0							7.2	6.1
ESE	.6	1.0	1.1	.3								3.0	6.5
SE	1.1	1.1	1.7	.5	.0							4.4	6.8
SSE	.5	1.1	1.3	.6	.2	.1						3.7	8.5
S	.6	1.5	1.9	1.4	.6	.2	.0					6.2	9.5
SSW	.7	1.0	1.5	1.2	.2	.0						4.7	8.6
SW	.6	1.8	2.0	1.9	.5	.1						6.9	9.1
WSW	.9	1.0	1.9	.5	.3	.1	.0					4.7	8.0
W	.8	2.2	2.5	1.9	.9	.3	.0					8.6	9.7
WNW	.9	1.1	2.2	2.6	.6	.2						7.6	10.3
NW	.9	1.7	2.8	2.9	.9	.1						9.2	10.0
NNW	.6	1.0	1.6	1.1	.1							4.5	8.4
VARBL													
CALM												12.7	
	13.8	22.7	28.6	16.6	4.4	1.1	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 3237

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.0	2.4	.3	.1	.0						5.8	6.7
NNE	.8	1.3	1.0	.0	.0							3.2	5.5
NE	1.6	1.5	.8	.0								3.9	4.8
ENE	1.1	1.7	1.3	.4	.0							4.5	6.1
E	1.6	2.3	1.6	.3	.0							5.9	5.8
ESE	.7	1.3	.8	.1								3.0	5.7
SE	.9	2.0	1.5	.4	.1							4.9	6.4
SSE	.7	1.4	1.1	.4	.1	.0						3.7	7.0
S	1.1	2.2	2.1	1.3	.2	.1						6.9	7.9
SSW	.6	1.0	1.5	.5	.1	.0						3.6	7.8
SW	1.1	1.8	2.0	.7	.2	.0						5.7	7.1
WSW	.5	1.3	1.3	.5	.2	.1						4.0	7.9
W	.9	2.4	2.7	1.4	.4	.1	.0					8.0	8.4
WNW	.6	1.6	2.3	1.8	.5	.3						7.1	9.6
NW	1.2	1.8	2.8	2.8	.9	.0						9.5	9.5
NNW	.6	1.7	2.0	1.3	.1							5.7	8.0
VARBL													
CALM												14.6	
	15.0	27.5	27.1	12.3	2.9	.7	.0					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 3236

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	1.8	2.0	.4	.1							6.1	6.1
NNE	.9	1.7	1.2	.2								4.0	5.7
NE	1.4	1.3	.6	.2								3.5	4.8
ENE	1.5	1.2	1.2	.4								4.2	5.7
E	1.5	2.5	1.6	.3	.0							6.0	5.8
ESE	.6	1.1	1.5	.2								3.4	6.4
SE	1.3	3.3	1.7	.3	.0							6.7	5.7
SSE	1.0	1.5	1.0	.3	.0	.0						3.8	6.2
S	1.8	2.1	2.3	.8	.0	.0	.1					7.1	6.7
SSW	1.0	.9	.9	.3	.0							3.1	6.1
SW	1.2	1.0	.9	.2		.0						3.4	6.0
WSW	.9	.6	.5	.3	.0	.0						2.4	6.2
W	1.0	2.3	1.8	.6	.2	.0	.0					5.9	7.0
WNW	.9	1.2	1.5	1.1	.1	.2						5.0	8.4
NW	1.2	2.5	2.8	1.9	.3	.0	.0	.0				8.9	8.5
NNW	.7	1.4	1.7	.9								4.7	7.4
VARBL													
CALM												22.1	
	18.6	26.3	23.3	8.2	.9	.4	.1	.0				100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 3231

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.6	2.3	.4								6.8	6.1
NNE	1.0	1.3	.9	.1								3.3	5.6
NE	1.7	2.1	1.1	.1								5.0	4.9
ENE	.8	1.3	1.1	.2	.0							3.4	6.0
E	1.1	1.8	1.7	.4								5.0	6.2
ESE	.3	1.7	1.3	.3								3.6	6.7
SE	1.2	2.0	1.4	.4	.1	.0						5.1	6.2
SSE	.8	1.4	1.2	.6	.0	.0						4.1	6.9
S	2.0	2.7	2.0	.4	.0	.0						7.3	5.8
SSW	.9	1.1	1.2	.3		.0						3.6	6.2
SW	1.2	1.0	.8	.3	.0							3.4	6.0
WSW	.7	.5	.6	.3	.1							2.1	6.7
W	.9	1.4	1.4	.7	.0	.1		.0				4.5	7.4
WNW	.7	1.6	1.5	.6	.2	.1		.0				4.6	7.8
NW	1.4	2.3	2.9	1.5	.5	.0	.0	.0				8.7	8.3
NNW	.9	1.6	1.4	.7	.0							4.6	6.7
VARBL													
CALM												25.1	
	17.1	26.5	22.7	7.1	1.0	.3	.0	.1				100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 3221

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	2.1	1.4	.3	.1							6.0	5.6
NNE	1.9	2.5	.7	.1								5.2	4.6
NE	2.4	3.1	.9	.1								6.4	4.5
ENE	1.3	1.7	1.4	.2	.1							4.7	5.8
E	1.2	2.0	1.8	.3	.0							5.4	6.1
ESE	.6	1.0	.9	.3								2.7	6.6
SE	1.8	1.9	.9	.4	.0							5.0	5.4
SSE	1.0	1.1	1.0	.4	.1							3.5	6.4
S	1.5	2.1	1.1	.4								5.1	5.4
SSW	1.1	1.3	.8	.3	.0							3.5	5.8
SW	1.1	1.5	1.2	.5	.1							4.4	6.8
WSW	.5	.9	.7	.3	.2	.0						2.7	7.6
W	1.1	2.0	1.4	.4	.3	.1						5.4	7.2
WNW	.6	1.7	1.2	1.1	.3	.1						5.0	8.6
NW	1.0	2.1	2.2	.9	.4	.1						6.6	7.7
NNW	.8	1.0	1.4	.6	.0							3.8	7.3
VARBL													
CALM												24.4	
	19.8	28.0	18.9	6.7	1.7	.3						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 2938

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	2.3	1.2	.4		.0						6.3	5.2
NNE	2.1	2.4	1.0	.2								5.7	4.8
NE	3.2	3.8	1.0	.1								8.0	4.5
ENE	1.7	1.9	1.4	.1								5.2	5.2
E	1.8	2.6	2.0	.6	.0							7.0	6.1
ESE	.4	1.0	1.0	.3								2.7	6.6
SE	1.0	1.7	.7	.2								3.7	5.3
SSE	.6	.7	.6	[illegible]	.0		.0					2.3	6.7
S	1.5	1.8	.9	[illegible]								4.4	5.1
SSW	.6	1.0	.8	.4	.1							2.9	6.8
SW	1.2	1.5	1.1	.1	.1	.0						4.0	5.9
WSW	.5	.8	.7	.1	.0	.0	.0					2.2	6.8
W	1.1	2.2	1.3	1.2	.1	.1	.0					6.0	7.7
WNW	.8	.9	1.2	1.1	.4	.1						4.6	8.9
NW	1.0	1.8	2.3	1.3	.3	.0						6.6	8.0
NNW	.7	.9	1.6	.5								3.6	7.2
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	24.8	
	20.6	27.3	18.9	6.9	1.1	.3	.1					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 2935

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.6	1.7	.3								5.2	5.8
NNE	1.6	2.5	1.3	.3								5.7	5.4
NE	3.7	4.1	2.0	.2	.0							10.1	4.8
ENE	1.5	2.8	1.5	.2								6.1	5.4
E	1.1	3.2	2.4	.6	.1							7.4	6.5
ESE	.9	1.4	1.1	.3								3.3	6.2
SE	1.0	2.6	1.1	.2	.1							4.8	5.7
SSE	.5	.9	.9	.2								2.4	6.2
S	1.3	1.1	.7	.2								3.4	5.3
SSW	.9	.7	.5	.4	.1							2.6	6.5
SW	1.3	1.5	.6	.4		.0						3.9	5.7
WSW	.4	.9	.8	.5	.0	.1	.1					2.7	8.2
W	1.0	1.8	1.6	1.2	.4	.2						6.2	8.5
WNW	.4	1.0	1.1	1.4	.6							4.5	10.0
NW	1.0	1.6	1.9	1.3	.3	.2	.0					6.3	8.8
NNW	.5	.6	1.2	.5	.1	.0						2.9	7.9
VARBL													
CALM												22.5	
	18.2	28.2	20.4	8.2	1.6	.5	.1					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2935

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.9	1.9	.5	.1							5.4	6.9
NNE	1.1	1.3	2.6	.5	.0							5.8	6.7
NE	1.4	3.0	2.0	.2								6.5	5.8
ENE	1.4	2.4	1.8	.4								6.0	6.0
E	1.5	3.8	3.4	.7	.1							9.6	6.6
ESE	.5	1.4	1.8	.3	.0							4.0	6.9
SE	.6	1.5	2.3	.3	.0							4.7	7.0
SSE	.5	.9	1.6	.6	.1							3.7	7.8
S	.9	1.4	1.6	.9	.1							4.8	7.2
SSW	.5	.8	1.3	.6	.2	.1						3.6	8.7
SW	.7	1.3	1.8	1.4	.2	.0						5.4	8.5
WSW	.7	.8	1.7	.9	.1	.1	.0					4.4	8.8
W	.6	1.5	3.0	2.2	.6	.2	.1					8.3	10.3
WNW	.4	1.2	1.4	1.9	.9	.2	.0					6.1	11.1
NW	.6	1.3	2.2	1.6	.7	.2	.0					6.7	10.3
NNW	.5	1.1	1.7	.9	.1	.0						4.3	8.3
VARBL													
CALM												10.8	
	13.0	25.6	32.0	14.1	3.4	.8	.2					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 2937

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.8	1.8	.5	.1	.0						5.1	6.9
NNE	.6	1.8	1.0	.3								3.6	6.1
NE	1.1	2.1	1.6	.2								5.0	5.7
ENE	1.0	1.2	1.6	.1								3.8	6.0
E	1.1	2.5	3.1	.5		.0						7.1	6.6
ESE	.7	1.2	1.9	.3	.0	.0						4.2	7.0
SE	.5	1.6	1.9	.7	.1							4.8	7.7
SSE	.3	.9	.9	.7	.2	.1						3.1	8.9
S	.9	1.2	2.2	1.4	.1							5.8	8.2
SSW	.3	1.0	1.6	1.5	.5	.0						5.0	10.0
SW	.9	1.9	2.2	2.2	.5	.1						7.8	9.4
WSW	.5	1.2	2.1	1.2	.2	.1						5.3	8.8
W	1.2	2.0	3.1	3.1	1.1	.3	.0					10.8	10.2
WNW	.6	1.1	1.9	2.5	1.0	.5						7.6	11.5
NW	.8	1.0	2.5	2.5	1.0	.3	.0					8.1	10.9
NNW	.3	1.2	1.9	1.1	.1	.0						4.6	8.6
VARBL													
CALM												8.3	
	11.6	23.7	31.3	18.7	4.9	1.5	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 2938

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.2	1.8	.4								5.5	6.2
NNE	.7	1.3	1.1	.1								3.2	6.1
NE	1.6	1.8	.6	.1								4.2	4.8
ENE	.5	1.6	1.2	.3								3.6	6.3
E	1.1	2.3	2.2	.4	.1							6.0	6.5
ESE	.6	1.5	1.6	.3	.0							4.0	6.7
SE	1.1	1.8	1.5	.5								4.9	6.4
SSE	.4	1.3	1.2	.5	.1		.0					3.5	7.6
S	1.5	1.3	2.2	1.5	.3	.0						7.0	8.0
SSW	.6	1.0	1.3	1.1	.3	.1						4.5	9.0
SW	1.4	2.0	2.2	1.2	.2	.0	.0					7.0	7.6
WSW	.3	1.5	1.4	.8	.2							4.3	8.0
W	1.3	2.3	3.5	2.5	.8	.1						10.5	9.2
WNW	.3	1.1	1.7	2.3	1.3	.4						7.0	12.0
NW	.9	1.5	2.7	2.9	.9	.1						9.0	10.1
NNW	.4	1.6	2.5	.9	.3							5.6	8.3
VARBL													
CALM												10.1	
	13.8	26.1	28.7	15.9	4.4	.8	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 2928

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	3.0	1.7	.3								6.7	5.5
NNE	1.0	1.3	.4	.1								2.8	5.0
NE	1.6	2.0	.7	.1								4.4	4.8
ENE	.6	1.9	1.4	.2	.1							4.2	6.4
E	1.6	2.5	2.3	.3	.0	.1						6.8	6.1
ESE	1.2	1.4	1.3	.3	.3							4.6	6.6
SE	1.3	2.2	1.5	.2	.1							5.2	6.0
SSE	.6	1.2	1.0	.2	.0							3.0	6.5
S	1.6	2.6	2.0	1.1	.1							7.4	7.0
SSW	1.0	1.4	1.3	.5	.1							4.3	6.9
SW	1.6	1.5	.9	.6	.1	.0						4.7	6.3
WSW	.9	.9	.5	.1								2.4	5.0
W	1.1	2.8	1.7	1.1	.1							6.8	6.7
WNW	.8	1.2	1.7	1.3	.4	.2						5.6	9.3
NW	1.0	1.8	2.7	1.4	.4	.2						7.5	8.6
NNW	.9	1.6	1.6	.8	.1							4.9	7.1
VARBL													
CALM												18.8	
	18.4	29.4	22.6	8.6	1.7	.5						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 2932

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.4	1.5	.4								6.1	5.7
NNE	1.3	2.8	1.6	.0								5.7	5.3
NE	2.1	2.6	.8	.1	.0							5.6	4.7
ENE	.9	1.2	1.0	.3								3.3	6.1
E	.6	2.0	2.5	.4								5.5	6.9
ESE	.5	1.2	1.5	.1	.2							3.6	6.9
SE	1.3	2.1	1.6	.2	.0							5.2	5.8
SSE	.9	1.3	1.4	.3	.1							4.1	6.5
S	1.7	3.0	2.7	.5	.1							8.0	6.2
SSW	1.0	1.5	1.4	.5	.1							4.4	6.7
SW	1.5	.8	1.1	.6	.1							4.1	6.6
WSW	.3	.6	.6	.2	.0	.0						1.8	7.1
W	1.4	2.0	1.4	.7	.1	.1	.0					5.8	6.9
WNW	.5	1.2	2.1	1.3	.1	.1						5.4	8.8
NW	1.0	2.0	2.3	1.1	.2	.2						6.8	8.1
NNW	1.0	1.0	1.3	.6	.1							4.0	7.0
VARBL													
CALM												20.6	
	17.6	27.6	24.8	7.6	1.3	.4	.0					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 2938

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.0	1.5	.2								5.3	5.3
NNE	1.6	1.8	1.1	.3								4.8	5.2
NE	2.2	2.2	1.2	.2								5.9	4.8
ENE	1.1	1.6	.7	.2	.0							3.6	5.3
E	1.2	2.2	1.5	.3								5.2	5.9
ESE	.5	.6	.9	.2	.0							2.2	6.7
SE	1.6	1.9	1.3	.4	.1							5.3	5.8
SSE	.5	1.6	1.2	.3								3.6	6.4
S	2.1	2.5	2.2	.4	.1							7.3	5.9
SSW	1.0	1.4	1.5	.4	.1							4.4	6.7
SW	1.2	1.8	1.3	.8	.1	.0						5.2	6.7
WSW	.6	.7	.7	.2	.0							2.1	6.1
W	.7	1.3	1.7	.7	.3	.1				.0		4.7	8.6
WNW	.7	1.1	1.5	.8	.4	.0	.0					4.5	8.8
NW	1.0	1.9	2.7	.9	.4	.1						6.9	8.0
NNW	1.1	1.1	1.6	.3	.1	.0						4.1	6.6
VARBL													
CALM												24.8	
	19.0	25.4	22.4	6.5	1.6	.2	.0			.0		100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 3125

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.3	1.8	.4	.1							5.9	5.9
NNE	1.7	1.7	1.0	.0	.0							4.5	4.8
NE	3.1	3.3	1.3	.1								7.8	4.6
ENE	1.8	2.2	1.0	.1								5.2	5.0
E	2.0	2.0	2.0	.4								6.3	5.8
ESE	.7	1.1	.8	.2								2.7	5.8
SE	1.3	1.6	1.0	.2	.0							4.1	5.6
SSE	.7	1.3	.9	.1	.0							3.0	5.8
S	1.0	1.8	1.2	.3								4.3	5.9
SSW	.9	1.0	.9	.3	.1							3.1	6.3
SW	1.3	1.2	1.5	.5	.1							4.6	6.4
WSW	.6	1.1	.4	.2	.2	.0						2.5	6.6
W	1.2	1.6	1.6	.9	.2	.2						5.6	7.7
WNW	.5	1.2	1.4	.8	.3	.1						4.2	8.9
NW	1.1	1.6	2.2	.8	.1	.1						5.9	7.6
NNW	.5	.9	1.4	.5	.1	.0						3.5	7.8
VARBL													
CALM												26.8	
	20.0	25.8	20.1	5.9	1.1	.4						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 3122

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAR (MONTH)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.6	1.8	.6								5.0	6.5
NNE	1.6	1.9	1.5	.7								5.7	5.9
NE	3.2	3.6	2.0	.4								9.2	5.1
ENE	1.5	2.8	1.7	.3	.0							6.2	5.7
E	1.6	3.0	2.9	.3								7.8	6.1
ESE	.4	1.0	1.1	.5	.0							3.0	7.4
SE	1.3	1.8	1.5	.5		.0						5.1	6.3
SSE	.7	1.0	1.0	.3	.0							3.0	6.5
S	1.4	1.7	1.2	.4								4.7	5.7
SSW	.8	1.1	.8	.2	.1							2.9	5.9
SW	.6	1.3	1.5	.5	.1							3.9	7.0
WSW	.8	.9	.8	.3	.0	.0						2.8	6.5
W	1.4	1.4	1.6	1.0	.3	.1						5.7	7.7
WNW	.8	1.0	1.9	1.3	.4	.1						5.5	9.2
NW	.6	1.3	1.6	1.3	.4	.1						5.3	9.1
NNW	.2	.9	1.1	.7	.1							3.0	8.2
VARBL													
CALM												21.2	
	17.9	26.3	23.9	9.0	1.5	.3						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 3118

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.6	1.6	.4								4.5	6.7
NNE	.7	1.5	1.1	.5	.0			.0				3.9	7.0
NE	1.4	2.4	2.2	.3	.0							6.2	6.0
ENE	1.0	2.2	1.6	.3	.0							5.1	6.1
E	1.5	3.3	2.1	.7	.0							7.7	6.2
ESE	.8	2.0	1.9	.7	.0							5.4	6.8
SE	1.2	2.0	2.1	1.0	.1							6.4	7.2
SSE	.4	1.2	1.5	.6	.1	.1						4.0	7.9
S	.9	1.7	2.0	1.3	.1	.1						6.0	8.0
SSW	.6	.8	1.3	1.2	.2	.1						4.3	9.2
SW	1.0	1.4	1.8	1.7	.3	.0						6.2	8.6
WSW	.6	1.0	1.6	1.1	.3	.0						4.5	8.8
W	.7	1.3	2.7	1.8	.9	.3	.0					7.7	10.2
WNW	.3	1.2	1.6	1.8	.9	.1						6.0	10.9
NW	.5	1.1	3.0	1.9	1.0	.1						7.6	10.3
NNW	.3	.7	1.5	1.2	.1							3.7	9.1
VARBL													
CALM												10.8	
	12.7	25.5	29.7	16.5	4.0	.8	.0	.0				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 3125

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.4	1.4	.3								3.7	6.3
NNE	.6	1.2	.7	.3		.0						2.8	6.2
NE	.9	1.5	1.1	.3	.0							3.8	6.0
ENE	.6	1.1	1.1	.3								3.0	6.4
E	.8	2.0	1.9	.2	.1							5.0	6.5
ESE	.6	1.2	1.7	1.0	.0							4.5	8.0
SE	1.1	1.7	2.0	.6	.1	.0						5.3	6.9
SSE	.3	.7	1.8	.6	.2							3.6	8.6
S	.9	2.0	2.7	1.9	.2	.1	.0					7.9	8.6
SSW	.4	1.4	2.8	1.6	.3	.1		.1				6.7	9.5
SW	1.0	2.1	2.4	2.1	.5	.3						8.4	9.3
WSW	.4	1.3	1.7	1.8	.5	.2						5.8	10.2
W	1.0	1.6	3.1	3.3	.9	.3	.0					10.1	10.3
WNW	.5	1.2	2.3	2.5	1.0	.4						7.8	11.2
NW	.8	1.5	2.5	2.7	.8	.3						8.6	10.4
NNW	.3	.9	1.7	1.0	.2	.0						4.0	9.3
VARBL													
CALM												8.9	
	10.8	22.7	30.8	20.4	4.7	1.7	.1	.1				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 3125

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.2	1.9	.4	.1							4.5	7.2
NNE	.5	1.1	1.0	.2								2.8	6.3
NE	1.3	1.1	1.0	.3								3.7	5.6
ENE	.8	1.0	.8	.3	.0							2.9	6.1
E	1.0	1.7	1.7	.3	.0							4.7	6.2
ESE	.5	1.1	1.6	.4	.0							3.7	7.1
SE	1.1	1.9	1.3	.5		.1						4.9	6.7
SSE	.7	1.2	1.9	.8	.1							4.6	7.7
S	.8	2.4	3.0	1.5	.4	.2	.0					8.2	8.6
SSW	.5	1.9	2.5	1.4	.4	.0						6.7	8.8
SW	1.0	2.2	2.3	1.4	.2	.1						7.2	8.1
WSW	.4	1.4	2.1	1.4	.3	.1						5.7	9.2
W	.8	2.1	2.9	2.7	.7	.5	.0					9.7	10.2
WNW	.3	1.1	1.8	2.0	1.0	.3						6.4	11.4
NW	.5	1.8	3.2	3.1	.7	.4	.0					9.7	10.6
NNW	.4	.9	1.7	1.4	.3	.1						4.8	9.7
VARBL													
CALM												9.5	
	11.8	23.9	30.6	18.2	4.2	1.7	.1					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 3121

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.1	1.7	.4	.0							5.9	5.8
NNE	.7	1.1	.5	.1	.0							2.4	5.2
NE	1.2	1.4	1.0	.2								3.8	5.6
ENE	.9	1.2	.8	.2								3.0	5.7
E	1.2	2.0	1.2	.5	.1							5.0	6.1
ESE	.8	1.1	1.2	.3								3.5	6.4
SE	1.6	2.7	1.4	.3	.1							6.0	5.6
SSE	1.1	1.6	1.4	.4	.0							4.4	6.3
S	2.0	2.5	3.5	1.1	.2	.0						9.3	7.0
SSW	1.0	1.7	2.0	.9	.3	.1						6.0	7.7
SW	1.5	1.3	.9	.4	.2	.0						4.3	6.2
WSW	.6	1.1	.8	.3	.1	.1						2.9	6.8
W	1.6	3.2	2.1	.8	.1							7.8	6.4
WNW	.7	1.1	1.8	.7	.3	.2	.1					4.8	9.2
NW	1.0	2.0	3.1	1.6	.4	.2						8.2	8.6
NNW	.7	1.9	1.5	.7	.1							4.8	7.1
VARBL													
CALM												17.9	
	18.2	27.8	25.1	8.6	1.8	.5	.1					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 3128

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41-43-72 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.2	2.0	.4	.0							5.6	6.3
NNE	1.0	1.9	1.2	.1								4.2	5.5
NE	1.5	1.8	1.0	.1	.0							4.5	5.1
ENE	1.0	.9	.9	.3								3.1	6.0
E	.9	1.7	1.2	.6	.0							4.5	6.5
ESE	.4	1.3	1.1	.5	.1	.1	.0					3.4	7.7
SE	.9	2.0	1.5	.4	.1							4.9	6.3
SSE	1.1	2.4	1.5	.6	.0							5.6	6.3
S	2.2	3.4	2.7	1.1	.1							9.5	6.3
SSW	1.1	1.5	2.9	.8	.0							6.2	7.2
SW	1.3	1.6	1.3	.5	.1							4.9	6.4
WSW	.6	.8	.4	.2								2.0	5.5
W	1.3	2.2	1.3	.5	.4	.0						5.6	6.8
WNW	.6	1.3	1.6	.8	.4	.1						4.9	8.8
NW	.6	1.3	2.5	1.7	.1	.2						6.4	9.1
NNW	.6	1.0	1.3	.7	.0							3.6	7.5
VARBL													
CALM												21.1	
	16.3	27.3	24.1	9.4	1.4	.4	.0					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 3117

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.0	.8	.1								3.5	4.7
NNE	1.4	.9	.6	.1	.0							3.0	4.9
NE	3.1	2.2	.6	.1								6.0	4.1
ENE	1.0	.8	.5	.0								2.3	4.6
E	1.6	1.6	1.0	.1								4.3	5.0
ESE	.9	1.0	.9	.1	.0							3.0	5.6
SE	1.9	2.3	1.5	.3	.0	.0						6.1	5.6
SSE	.7	1.4	.6	.1								2.8	5.1
S	2.7	3.2	1.4	.2	.0	.0						7.6	5.0
SSW	1.3	2.4	.7	.2								4.6	5.2
SW	2.5	2.2	1.1	.3	.0							6.0	4.9
WSW	.9	1.0	.4	.1	.0	.0						2.5	5.3
W	1.5	1.6	1.3	.7	.1							5.2	6.3
WNW	.6	.6	.7	.2	.0							2.1	6.4
NW	.8	.8	1.3	.7	.1							3.6	7.5
NNW	.9	.7	.8	.5								2.9	6.6
VARBL													
CALM												34.5	
	23.4	23.6	14.2	3.9	.4	.1						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 3050

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.1	.9	.1								3.3	5.2
NNE	1.2	1.6	.5	.1								3.4	4.7
NE	4.7	2.8	1.0	.1								8.6	4.0
ENE	2.4	1.6	.6	.0								4.6	4.0
E	1.6	1.8	1.0	.1								4.4	5.0
ESE	.8	1.2	1.1	.0								3.1	5.7
SE	1.6	2.0	1.2	.2	.1							5.1	5.3
SSE	.9	1.0	.8	.1								2.9	5.4
S	2.6	1.9	.9	.1								5.4	4.4
SSW	1.1	1.6	.8	.3	.0							3.9	5.5
SW	1.7	1.3	.7	.3								3.9	5.1
WSW	.8	.7	.5	.3	.0							2.2	5.8
W	1.2	2.1	1.2	.5	.1							5.2	6.2
WNW	.5	.7	.7	.3	.1							2.2	6.8
NW	.9	.8	1.0	.7	.1	.1						3.5	7.7
NNW	.6	.8	.5	.2								2.1	5.7
VARBL													
CALM												36.1	
	23.7	23.0	13.3	3.3	.4	.1						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 3049

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.6	1.0	.3								3.8	5.7
NNE	1.5	1.4	.9	.3								4.0	5.4
NE	3.0	2.9	1.7	.1								7.7	4.7
ENE	1.6	2.5	.9	.2								5.2	5.0
E	1.9	2.7	1.8	.5			.0					7.0	5.9
ESE	1.0	1.5	1.9	.4	.0							4.9	6.6
SE	1.9	1.9	2.0	.3	.0							6.2	5.7
SSE	.8	1.3	1.0	.3	.0							3.4	6.0
S	1.5	2.4	1.1	.4								5.3	5.6
SSW	1.1	1.5	.8	.4	.0							3.8	6.0
SW	1.4	1.7	1.3	.4	.0							4.8	5.7
WSW	.7	1.1	1.1	.3	.1							3.3	6.4
W	1.1	1.6	1.7	.9	.1	.0						5.5	7.3
WNW	.3	.7	1.2	.6	.2					.0		3.0	9.0
NW	.7	.8	1.2	1.2	.2							4.0	8.6
NNW	.4	.7	.6	.5	.0							2.2	7.4
VARBL													
CALM												25.9	
	19.8	26.5	20.2	6.9	.7	.0	.0			.0		100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 3130

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.8	1.7	.4	.0							4.7	6.4
NNE	.8	1.4	1.1	.2	.1	.0						3.5	6.4
NE	1.2	1.4	1.2	.2	.0							4.1	5.7
ENE	.9	1.3	1.3	.2	.0							3.7	6.1
E	1.5	3.0	2.5	.6	.1							7.7	6.4
ESE	1.0	1.6	1.9	.7	.0							5.2	7.0
SE	1.3	2.7	2.5	.8	.2		.0					7.5	7.0
SSE	.4	1.6	2.1	.6	.1							4.9	7.5
S	1.1	2.8	2.9	1.1	.2		.0					8.2	7.5
SSW	.9	1.9	1.7	1.0	.3	.0						5.7	7.7
SW	1.3	1.9	2.5	1.2	.3	.1	.0					7.4	7.8
WSW	.5	1.6	1.8	.9	.4	.2						5.4	9.1
W	1.2	2.2	2.2	2.0	.4	.0						8.0	8.5
WNW	.3	.8	1.1	1.1	.2	.0						3.6	9.5
NW	.7	1.4	1.7	1.7	.5							5.9	9.1
NNW	.5	.8	1.2	.6	.1	.0						3.3	8.2
VARBL													
CALM												11.3	
	14.4	28.1	29.4	13.2	3.0	.5	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 3127

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.1	1.1	.3		.0						3.2	6.5
NNE	.6	1.1	.8	.4								2.9	6.5
NE	.8	1.1	1.1	.2	.1							3.2	6.3
ENE	.5	.7	.9	.1								2.2	6.0
E	.8	1.7	2.0	.4	.0							4.9	6.6
ESE	.6	1.2	2.0	.5	.1	.0						4.5	7.5
SE	1.0	2.6	2.4	.9	.0							6.8	7.0
SSE	.5	1.9	2.1	1.1	.1	.0						5.7	8.0
S	1.2	2.8	3.5	1.5	.2	.1						9.4	7.8
SSW	.8	2.7	2.5	1.4	.3	.1						7.7	8.0
SW	1.2	2.5	3.8	2.0	.6	.1						10.3	8.7
WSW	.9	2.1	3.0	1.1	.6	.1						7.7	8.5
W	.6	1.8	3.0	2.3	1.1	.5						9.2	10.7
WNW	.6	.9	1.2	1.5	.5	.1						4.8	10.2
NW	.5	1.2	2.0	1.7	.4	.1						5.9	9.3
NNW	.5	1.4	1.0	.9	.1	.0						4.0	8.0
VARBL													
CALM												7.5	
	11.9	26.7	32.4	16.0	4.1	1.3						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 3127

USAFETAC FORM AIR 64 085 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
AC/USAF
WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.6	1.3	.4								4.0	6.2
NNE	.5	.9	.7	.1	.0	.0						2.2	6.3
NE	.8	.7	1.0	.1								2.6	5.8
ENE	.5	.7	.5	.1	.1							1.9	6.2
E	.8	1.9	1.2	.3								4.1	5.9
ESE	.7	1.4	1.8	.7	.1	.0						4.8	7.5
SE	1.1	2.6	2.4	.7	.0							6.8	6.5
SSE	.8	1.9	1.9	.7	.3							5.6	7.3
S	1.4	3.0	3.1	1.5	.1	.0						9.1	7.5
SSW	1.1	2.9	2.3	1.2	.3	.1						7.9	7.6
SW	1.6	3.1	3.6	1.9	.4							10.5	7.7
WSW	.8	2.1	2.2	1.3	.4	.1						7.0	8.4
W	.9	2.1	3.2	2.3	.6	.5	.0					9.6	9.9
WNW	.5	1.0	1.2	1.7	.6	.1						5.1	10.2
NW	.7	1.2	1.9	1.6	.6	.1						6.0	9.5
NNW	.5	1.1	1.3	.7	.1							3.6	8.0
VARBL													
CALM												9.0	
	13.5	28.2	29.4	15.3	3.6	.9	.0					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 3129

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.7	.8	.2								4.1	5.0
NNE	.6	.8	.3	.1	.0							1.9	4.9
NE	1.6	1.2	.6	.0	.0							3.5	4.4
ENE	.8	1.0	.3	.1								2.1	4.9
E	2.1	1.7	1.0	.3		.0						5.2	5.1
ESE	1.0	1.6	1.2	.2								3.9	5.7
SE	2.2	2.8	1.3	.3		.1						6.6	5.4
SSE	1.1	2.2	1.1	.3	.1	.0						4.8	6.0
S	2.5	4.8	3.1	.5	.1	.0	.0					11.0	6.0
SSW	1.4	3.0	1.9	.6	.1	.0						6.9	6.3
SW	1.9	2.4	1.4	.3	.0							6.0	5.5
WSW	.9	1.1	.9	.3	.0	.0						3.1	6.0
W	2.0	2.1	2.1	.6	.1	.1						7.1	6.5
WNW	.6	1.4	1.0	.6	.2	.2		.0				4.0	8.2
NW	1.2	1.5	1.4	.8	.1							5.0	7.1
NNW	.8	1.1	.9	.3	.1							3.2	6.2
VARBL													
CALM												21.7	
	22.1	30.3	19.2	5.4	.8	.5	.0	.0				100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 3125

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13021 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.7	.5	.3								4.2	4.9
NNE	.7	1.2	.7	.1								2.6	5.4
NE	1.3	1.3	.6	.1								3.5	4.6
ENE	.9	.9	.2	.3								2.3	5.3
E	1.1	1.4	1.2	.3								3.9	5.8
ESE	.6	1.5	1.2	.3	.0		.0					3.8	6.7
SE	1.0	2.5	1.9	.2	.1	.1						6.3	5.9
SSE	1.5	2.5	1.5	.3	.1	.0						5.8	5.9
S	3.2	5.2	3.2	.6	.1							12.3	5.6
SSW	1.9	3.1	1.9	.4	.0							7.0	5.9
SW	1.2	2.8	1.2	.4		.0						5.7	5.8
WSW	.5	.5	.4	.1								1.6	5.5
W	1.4	1.8	.9	.4	.1							4.6	5.9
WNW	.5	1.1	.9	.2	.2		.0					2.9	7.4
NW	1.4	1.3	1.3	.8	.2	.0	.0					5.0	7.3
NNW	.6	1.0	.8	.3	.0							2.8	6.6
VARBL													
CALM												25.8	
	19.9	29.6	18.5	5.1	.7	.2	.1					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 3100

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-71 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.5	.6	.1								3.8	4.4
NNE	1.8	1.4	.4									3.7	4.0
NE	2.8	2.2	.7	.0								5.7	4.0
ENE	1.0	1.5	.4									3.0	4.7
E	1.6	1.6	.8	.1								4.1	4.7
ESE	.4	1.0	.5	.1								2.0	5.5
SE	1.8	2.0	.5	.1								4.4	4.5
SSE	1.2	1.1	.3				.0					2.6	4.4
S	3.2	2.2	1.0	.2	.0							6.6	4.6
SSW	1.6	2.0	.4	.1								4.1	4.3
SW	2.9	2.9	.7	.1								6.6	4.2
WSW	1.5	1.1	.3							.0		2.9	4.7
W	1.3	1.4	.3	.0								3.0	4.2
WNW	.4	.5	.2	.0								1.2	4.6
NW	1.4	.4	.5	.0	.0							2.4	4.6
NNW	.5	.6	.5									1.6	5.2
VARBL													
CALM												42.5	
	25.1	23.5	8.0	.8	.1		.0			.0		100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 3157

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.6	.6	.1								3.6	4.5
NNE	1.9	1.8	.5	.0								4.2	4.3
NE	3.9	3.1	1.0									8.0	4.1
ENE	1.8	1.8	.6									4.2	4.4
E	1.9	2.0	.8	.1								4.8	4.7
ESE	.8	1.3	.5	.0								2.6	4.8
SE	2.0	1.7	.8	.1								4.5	4.5
SSE	1.4	1.2	.3	.1								2.8	4.3
S	2.5	1.6	.3	.1	.0							4.6	3.9
SSW	1.2	1.3	.3									2.8	4.3
SW	2.2	1.7	.5									4.3	4.0
WSW	1.1	.7	.3	.0								2.1	4.4
W	1.3	1.4	.5	.1								3.3	4.6
WNW	.6	.7	.2	.1	.0							1.6	4.6
NW	.8	.4	.2	.1								1.6	4.7
NNW	.6	.3	.3	.0								1.2	4.7
VARBL													
CALM												43.8	
	25.2	22.5	7.6	.8	.1							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 3187

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFC ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.5	.9	.1								3.7	4.9
NNE	2.0	2.0	1.2	.4								5.6	5.2
NE	3.8	3.7	1.9	.1	.0							9.5	4.7
ENE	1.7	2.1	1.4	.2								5.3	5.2
E	2.0	2.5	2.0	.1								6.6	5.4
ESE	.6	1.2	1.1	.1								3.0	6.0
SE	1.3	2.1	1.0	.2	.0	.0						4.7	5.7
SSE	.9	1.3	.9	.2								3.2	5.4
S	1.7	1.7	.6	.1								4.1	4.4
SSW	1.1	1.2	.6	.0	.0							3.0	5.0
SW	2.1	2.1	1.8	.3	.0							6.3	5.6
WSW	1.2	1.4	.9	.1	.1							3.7	5.4
W	2.1	2.2	1.7	.5	.1							6.5	5.8
WNW	.6	.6	.8	.2	.1							2.3	6.2
NW	.6	1.0	.4	.3								2.3	5.9
NNW	.5	.5	.4	.1	.0							1.5	5.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	28.7	
	23.4	27.2	17.5	2.9	.3	.0						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 3240

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.6	1.5	.4								5.0	6.0
NNE	1.1	2.0	1.0	.3	.0							4.5	5.7
NE	1.5	2.9	1.6	.2								6.2	5.5
ENE	.8	1.5	1.4	.1								3.8	5.8
E	1.3	2.6	2.5	.4								6.8	6.1
ESE	.4	1.5	1.4	.3								3.6	6.9
SE	.9	2.4	1.7	.5								5.5	6.3
SSE	.6	2.0	1.7	.3								4.6	6.5
S	.8	2.5	2.0	.3	.0							5.7	6.4
SSW	.8	1.2	1.2	.5								3.7	6.5
SW	1.8	1.8	3.1	1.0	.2							7.9	7.1
WSW	1.2	1.9	2.2	.9	.0							6.2	7.0
W	1.6	3.2	3.1	1.0	.2							9.1	7.0
WNW	.8	1.4	1.3	.6	.2							4.5	7.5
NW	1.0	1.2	1.4	.6		.1						4.2	7.0
NNW	.7	.8	1.0	.2								2.8	6.1
VARBL													
CALM												16.0	
	16.7	30.7	28.2	7.7	.7	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 3234

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.5	1.7	.3	.1							5.8	6.1
NNE	.9	1.4	1.1	.4								3.7	6.0
NE	1.1	2.0	1.2	.1								4.5	5.4
ENE	.6	1.5	1.5	.2								3.7	6.3
E	1.0	2.0	2.3	.3								5.5	6.3
ESE	.5	1.2	1.9	.4								4.0	7.1
SE	.9	2.0	1.8	.4		.0						5.2	6.6
SSE	.4	1.3	2.0	.5								4.2	7.3
S	.9	2.6	2.8	.7	.1							7.1	6.9
SSW	.8	2.2	1.9	.6	.1							5.6	7.0
SW	1.4	2.8	3.5	1.7	.2	.0						9.6	7.7
WSW	1.1	2.3	3.0	1.2	.3	.0						7.9	7.9
W	.9	3.2	3.9	1.7	.5	.2						10.4	8.5
WNW	.4	1.5	1.7	.9	.5	.0						5.0	8.9
NW	.9	1.5	1.9	.7	.1	.1						5.1	7.5
NNW	.5	1.1	1.1	.5		.0						3.1	7.2
VARBL													
CALM												9.5	
	13.4	31.0	33.3	10.5	1.9	.5						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 3236

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.6	2.5	.4	.1	.0		.0				7.3	6.3
NNE	.8	1.5	1.1	.1	.0							3.5	5.6
NE	1.3	1.6	1.0	.1								4.0	5.2
ENE	.4	1.3	1.5	.0	.0							3.2	6.3
E	.7	2.0	2.0	.1								4.8	6.2
ESE	.3	1.4	1.1	.2								3.1	6.5
SE	.9	2.5	2.1	.2	.1							5.8	6.4
SSE	.7	1.5	1.4	.4	.0	.0						4.1	6.7
S	1.1	2.0	2.5	.4		.0						6.1	6.5
SSW	.6	1.7	2.3	.6	.1							5.2	7.5
SW	1.6	3.0	3.9	1.1	.2	.1						10.4	7.1
WSW	1.0	3.1	2.7	.9	.0	.0						7.7	7.0
W	1.3	2.9	4.7	1.5	.3	.1	.0					10.7	7.8
WNW	.7	1.4	1.7	1.0	.4	.0						5.2	8.6
NW	.9	1.3	2.2	1.0	.2	.0	.0					5.5	8.2
NNW	.6	1.1	1.3	.4	.1							3.4	7.2
VARBL													
CALM												9.9	
	14.4	31.4	33.9	8.5	1.5	.3	.1	.0				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 3239

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.8	.9	.0		.0						4.1	5.1
NNE	1.3	.8	.5	.0								2.6	4.4
NE	1.8	1.4	.7	.2								4.0	4.6
ENE	1.5	1.2	.4	.1								3.2	4.6
E	2.1	2.2	1.2	.1	.1							5.6	5.0
ESE	.9	1.8	.6	.1								3.3	5.0
SE	1.9	2.3	1.6	.1								5.9	5.2
SSE	1.0	1.6	.7									3.2	4.9
S	2.1	2.3	1.3	.2	.0	.0						6.0	5.3
SSW	1.8	1.8	.9	.2								4.6	5.0
SW	2.2	2.4	1.1	.1								5.8	4.8
WSW	1.4	1.7	.8	.1								4.0	4.7
W	2.2	2.6	1.8	.3	.0							6.9	5.3
WNW	1.0	1.1	.7	.3	.0	.0						3.2	6.2
NW	1.3	1.7	1.1	.5	.1							4.6	6.1
NNW	1.3	1.5	.7	.1								3.6	5.1
VARBL													
CALM												29.3	
	25.0	28.1	14.9	2.3	.2	.1						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 3240

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.7	.7	.1								3.8	4.7
NNE	1.2	1.1	.5	.0								2.8	4.4
NE	2.4	2.0	.8	.1								5.2	4.4
ENE	1.1	1.3	.3	.1								2.9	4.5
E	1.1	1.5	1.0	.1								3.7	5.2
ESE	.6	1.4	.7	.2								2.9	5.8
SE	2.1	2.4	1.1	.2	.0							5.7	4.9
SSE	.8	1.4	.7	.1	.0							3.0	5.3
S	2.6	3.0	1.5	.1	.1							7.4	5.0
SSW	1.7	1.6	.9	.1								4.3	5.0
SW	2.1	2.5	1.3	.3								6.1	5.1
WSW	.7	1.0	.5									2.1	4.9
W	1.9	1.2	.5	.2				.0				3.9	4.9
WNW	.7	.7	.3	.1								1.9	5.0
NW	.9	.8	.5	.1	.1							2.5	5.5
NNW	.7	.7	.7	.1			.0					2.2	5.8
VARBL													
CALM												39.4	
	22.2	24.3	12.1	1.7	.3		.0	.0				100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 3184

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-71 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.9	.4									2.7	3.8
NNE	1.2	1.1	.1									2.5	3.8
NE	2.7	1.7	.7									5.1	4.1
ENE	1.6	1.8	.4	.0								3.8	4.2
E	2.0	2.0	1.2	.1								5.4	4.8
ESE	.7	.7	.6									2.0	5.1
SE	1.6	1.6	.6									3.9	4.1
SSE	1.2	.9	.6	.0	.1							2.9	5.3
S	3.6	2.3	.9	.2	.0							7.0	4.3
SSW	2.4	1.6	.5	.1								4.6	4.1
SW	3.5	2.9	.4		.0							6.8	3.8
WSW	1.3	1.5	.2									3.0	4.2
W	1.4	1.1	.5	.0								3.0	4.2
WNW	.5	.4	.1									.9	3.8
NW	.7	.3	.3									1.3	4.4
NNW	.4	.4	.1									.9	4.0
VARBL													
CALM												44.1	
	26.3	21.5	7.5	.5	.2							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 3053

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	.7	.1	.0								2.4	3.6
NNE	2.0	1.0	.3									3.3	3.6
NE	3.6	2.6	.6									6.8	3.9
ENE	1.8	1.9	.8									4.5	4.4
E	2.1	1.9	1.0	.0								5.1	4.5
ESE	.6	.8	.4									1.8	4.9
SE	1.9	1.1	.4									3.4	3.8
SSE	.6	.6			.1							1.3	5.0
S	2.8	1.7	.5	.1								5.1	3.9
SSW	1.5	1.1	.4	.0								3.0	4.0
SW	3.4	2.3	.4	.0								6.2	3.8
WSW	.9	1.3	.2									2.4	4.0
W	1.6	1.0	.3									3.0	3.9
WNW	.4	.5	.1									1.0	4.2
NW	.9	.4	.1									1.4	3.2
NNW	.4	.2	.1									.7	3.6
VARBL													
CALM												48.7	
	26.1	19.3	5.7	.2	.1							100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 3079

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	.8	.5	.1								3.1	4.5
NNE	2.0	1.5	.5	.0								4.0	4.1
NE	3.6	2.9	.9	.1								7.6	4.3
ENE	2.7	2.4	1.3	.1								6.5	4.8
E	1.8	3.4	1.8	.1								7.0	5.2
ESE	.5	1.2	1.1	.1								2.9	6.0
SE	1.1	1.4	1.0	.2								3.7	5.4
SSE	.7	.6	.3		.1	.0						1.7	5.5
S	1.2	1.1	.6	.0								2.9	4.7
SSW	1.0	1.2	.4	.1								2.7	4.6
SW	2.6	1.8	1.3	.2								5.9	5.0
WSW	1.2	2.3	1.2	.3	.0	.0						5.1	5.8
W	2.7	3.0	2.3	.4								8.4	5.4
WNW	.9	1.2	.5	.1								2.8	5.0
NW	.9	1.1	.7	.1								2.8	5.2
NNW	.5	.5	.1	.0								1.2	4.4
VARBL													
CALM												31.6	
	25.0	26.3	14.7	2.0	.1	.1						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 3125

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.9	.6	.3								4.2	5.0
NNE	1.3	1.9	.8	.0								4.2	4.8
NE	2.0	2.8	1.5	.2								6.5	5.1
ENE	1.4	2.4	1.8	.3								5.8	5.8
E	1.6	3.3	2.6	.3								7.8	5.8
ESE	.7	1.3	1.2	.3								3.5	6.2
SE	.9	1.5	1.1	.4								4.0	6.3
SSE	.6	.8	.8	.2								2.4	6.1
S	1.3	1.2	1.1	.1	.1							3.6	5.5
SSW	.9	1.2	1.1	.2	.0	.0						3.4	6.0
SW	1.8	2.6	2.4	.7	.0	.0						7.5	6.4
WSW	1.1	2.3	2.7	.9	.1							7.0	6.9
W	2.2	4.4	3.4	.8	.1							10.9	6.1
WNW	1.0	1.7	1.2	.3			.0					4.3	6.1
NW	.6	1.5	1.6	.5								4.2	6.9
NNW	.5	.8	.4	.2	.1							1.9	6.1
VARBL													
CALM												18.7	
	19.3	31.5	24.4	5.8	.4	.1	.0					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 3130

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.0	1.4	.3	.1							5.4	5.9
NNE	1.2	1.8	1.6	.3			.0					4.9	5.9
NE	1.5	2.7	1.6	.3								6.1	5.6
ENE	.7	2.2	1.7	.3								5.0	6.2
E	1.7	3.0	2.7	.4	.0							7.9	6.1
ESE	.4	1.6	.8	.1								2.8	6.0
SE	.8	1.8	1.5	.4		.1						4.5	6.6
SSE	.6	.7	.8	.5	.1	.1						2.7	7.7
S	.9	1.6	1.3	.6	.0	.0						4.4	6.8
SSW	.6	1.8	1.4	.4	.0							4.3	6.6
SW	1.7	3.5	3.6	1.2	.1							10.1	6.9
WSW	.7	2.8	2.8	.9	.1							7.4	7.4
W	1.6	3.5	4.3	1.8	.3							11.4	7.5
WNW	.8	1.4	1.2	.8	.1							4.3	7.4
NW	1.3	1.1	1.8	.6	.1	.0						4.9	7.1
NNW	.7	1.2	.7	.3	.0							2.9	6.2
VARBL													
CALM												10.9	
	16.6	32.8	29.2	9.3	.9	.2	.0					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 3128

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.8	1.2	.3	.0							5.6	5.6
NNE	1.5	2.6	1.2	.3	.0							5.6	5.6
NE	1.2	2.4	1.5	.3		.0						5.4	5.9
ENE	.8	2.1	1.5	.6	.1							5.2	6.6
E	1.4	2.4	1.7	.3	.1	.0	.0					6.0	6.1
FSE	.6	1.3	1.1	.2								3.2	6.0
SE	.9	2.0	1.6	.5	.1							5.1	6.7
SSE	.5	1.1	1.2	.2	.0	.0						3.1	6.9
S	1.2	1.9	2.4	.4		.1						6.0	6.9
SSW	.7	1.8	1.5	.4		.1						4.5	6.8
SW	1.5	2.8	3.7	1.3	.0							9.3	7.1
WSW	.6	2.6	3.0	.9	.1							7.2	7.3
W	1.3	3.7	4.3	1.4	.1	.1						10.8	7.4
WNW	.5	1.1	1.5	.8	.2							4.1	8.0
NW	.5	1.2	1.7	.9	.1							4.4	8.0
NNW	.9	1.3	.9	.3		.0						3.4	6.2
VARBL													
CALM												11.3	
	15.5	33.0	30.0	9.0	.8	.4	.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 3123

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 1000-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	1.2	.4	.1								4.0	4.1
NNE	1.2	1.2	.3	.2	.0							2.9	4.6
NE	1.7	2.0	.8	.1	.0							4.6	4.8
ENE	1.4	1.5	.7	.1								3.7	4.9
E	2.0	2.0	1.3	.4								5.7	5.3
ESE	.9	1.2	.7	.1								2.8	5.5
SE	1.6	2.1	1.1	.1								4.9	5.0
SSE	.9	1.3	1.2	.2								3.7	5.9
S	2.4	2.5	1.4	.6	.0							7.0	5.5
SSW	1.2	1.8	.8	.1								3.9	4.9
SW	2.2	4.0	2.2	.3	.1							8.9	5.4
WSW	1.5	2.1	.9	.2								4.7	5.0
W	2.3	3.4	1.4	.2								7.2	4.9
WNW	.8	1.4	.7	.1								3.0	5.3
NW	1.0	1.0	1.0	.3								3.2	5.8
NNW	.6	.9	.4	.1	.1							2.0	5.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	27.7	
	24.1	29.7	15.2	3.0	.2							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 3123

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.7	.4	.1								2.0	4.7
NNE	1.4	.8	.3	.1								2.6	4.1
NE	1.7	1.7	.5	.1								3.9	4.3
ENE	1.4	1.7	.5	.0	.0							3.6	4.8
E	1.9	2.0	1.2	.2								5.4	5.0
ESE	.9	1.6	.7	.1								3.3	5.1
SE	1.7	1.8	.9	.1								4.5	4.8
SSE	1.2	1.6	.7	.2	.0							3.6	5.3
S	3.2	3.0	1.6	.3			.0					8.1	4.9
SSW	2.2	2.1	.7	.1								5.0	4.3
SW	3.2	3.3	1.0	.2								7.6	4.4
WSW	1.4	1.2	.5									3.1	4.4
W	1.7	1.8	.5	.1								4.1	4.4
WNW	.7	.6	.2	.0								1.5	4.2
NW	1.2	.7	.2	.1								2.2	4.1
NNW	.4	.4	.1									.9	4.3
VARBL													
CALM												38.6	
	25.0	24.8	9.9	1.6	.1		.0					100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 3076

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-71 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.8	.2									2.1	3.7
NNE	1.0	.8	.2	.0								2.1	4.1
NE	2.1	1.9	.6	.0								4.6	4.3
ENE	1.0	1.4	.4									2.7	4.5
E	1.7	1.7	1.0	.2								4.6	5.0
ESE	1.0	1.3	.3									2.6	4.4
SE	2.3	1.5	.9	.1								4.8	4.3
SSE	1.2	1.2	.3									2.6	3.9
S	3.3	2.2	.6									6.1	3.9
SSW	2.9	1.7	.5	.1								5.1	3.8
SW	3.4	3.3	.4		.0							7.1	4.0
WSW	1.6	1.1	.2									3.0	3.7
W	1.9	1.1	.2	.1								3.3	3.9
WNW	.6	.6	.0	.0								1.3	4.0
NW	.6	.3	.1									1.0	3.3
NNW	.3	.1	.0									.4	3.2
VARBL													
CALM												46.6	
	26.1	21.0	5.9	.5	.0							100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 3151

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

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.5	.2									1.7	3.7
NNE	1.6	.8	.3									2.7	3.8
NE	2.6	2.8	1.1	.0								6.5	4.4
ENE	1.4	1.7	.4	.0								3.6	4.4
E	1.4	2.3	.9									4.6	4.7
ESE	.6	.6	.4									1.6	4.6
SE	2.3	1.7	.7									4.7	4.2
SSE	1.2	.4	.1									1.7	3.3
S	2.9	1.3	.5	.1								4.8	3.8
SSW	2.5	.9	.2									3.6	3.2
SW	2.7	2.6	.5	.0								5.8	3.8
WSW	1.6	1.5	.2									3.3	3.9
W	1.6	1.2	.3	.1								3.2	4.2
WNW	.4	.4	.1									.9	4.1
NW	.5	.5	.1									1.1	3.8
NNW	.2	.1										.3	3.5
VARBL													
CALM												48.9	
	25.5	19.4	5.9	.2								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 3168

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.8	.3	.1								2.2	4.6
NNE	1.0	1.3	.3									2.7	4.2
NE	2.3	3.0	.8	.2								6.4	4.5
ENE	1.3	2.2	1.0	.1								4.5	5.1
E	1.8	2.6	1.4	.2								5.9	5.2
ESE	.6	1.3	.8	.0								2.8	5.5
SE	1.4	1.7	1.0	.1								4.2	5.0
SSE	.5	.6	.5	.1								1.7	5.2
S	1.6	1.5	.6	.1								3.7	4.5
SSW	1.3	.6	.5									2.4	4.1
SW	2.4	3.0	1.3	.2								6.9	5.0
WSW	2.2	2.6	.9	.1								5.8	4.6
W	2.9	4.6	2.1	.2								9.7	5.0
WNW	1.3	1.0	.5	.0								2.9	4.6
NW	1.3	.8	.3									2.4	3.9
NNW	.5	.2	.1	.0								.9	3.9
VARBL													
CALM												34.8	
	23.3	27.9	12.6	1.3								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 3195

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.3	.6	.1								3.3	4.6
NNE	1.1	1.1	.6	.1								2.9	4.8
NE	1.8	2.3	1.0	.1	.0							5.3	5.0
ENE	1.2	1.7	1.9	.2								5.0	6.0
E	1.9	2.3	2.3	.5								7.0	6.1
ESE	.4	1.2	1.0	.2								2.8	6.5
SE	1.0	1.8	1.2	.2								4.3	5.8
SSE	.5	1.2	.8	.3								2.8	6.1
S	1.4	1.3	.8	.1	.0							3.7	4.9
SSW	1.2	1.3	.8	.2								3.7	5.4
SW	2.1	3.1	1.3	.3	.0							6.8	5.3
WSW	1.7	3.3	1.7	.3	.0							7.0	5.6
W	3.4	5.9	4.1	.6								14.0	5.7
WNW	1.5	2.4	1.4	.1	.0							5.4	5.2
NW	1.0	1.6	.9	.1								3.6	5.3
NNW	.8	.8	.4									2.1	4.6
VARBL													
CALM												20.2	
	22.4	32.4	21.0	3.3	.2							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 3200

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.4	.9	.1	.0							5.0	5.1
NNE	.9	1.7	.0	.2								3.5	5.3
NE	1.2	2.6	1.2	.3	.0							5.4	5.7
ENE	.5	1.9	1.4	.5								4.3	6.7
E	1.0	2.2	2.4	.3								6.0	6.3
ESE	.5	1.2	1.4	.2								3.3	6.8
SE	.7	1.9	2.0	.2								4.7	6.4
SSE	.3	1.4	1.2	.4	.1							3.4	7.3
S	.9	1.7	1.5	.4	.1	.0						4.7	6.8
SSW	.8	1.8	.9	.4	.1	.0						5.0	6.6
SW	1.8	3.9		.7	.1							9.6	6.3
WSW	1.5	3.5		.4	.1							8.5	6.2
W	2.1	4.6	4.3	1.4	.1	.0						12.7	6.8
WNW	1.1	2.0	1.6	.4	.0							5.1	6.1
NW	1.2	2.0	1.4	.4	.0	.1						5.1	6.5
NNW	.8	.8	.5	.2	.0							2.3	5.5
VARBL													
CALM												11.2	
	16.9	36.0	28.5	6.6	.7	.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 3203

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.1	1.2	.3								4.6	5.8
NNE	.7	1.7	1.0	.1								3.4	5.4
NE	1.3	2.6	1.6	.2	.1		.0					5.8	5.9
ENE	.8	1.8	1.3	.5	.0							4.4	6.4
E	1.1	2.2	2.2	.4	.0							6.0	6.3
ESE	.2	1.6	1.3	.4								3.5	6.8
SE	.8	2.3	1.9	.4	.1							5.5	6.6
SSE	.6	1.3	1.4	.5	.0							3.8	7.1
S	.9	2.2	2.4	.4	.0	.0						6.0	6.8
SSW	1.1	2.1	1.8	.4	.1							5.5	6.5
SW	1.8	4.7	3.1	.7	.1							10.4	6.2
WSW	1.4	3.6	3.1	.4			.0					8.5	6.4
W	1.3	4.9	3.8	.8	.1	.1						11.0	6.6
WNW	1.0	1.7	1.2	.3	.1	.0						4.2	6.3
NW	1.0	1.5	1.1	.2	.1							3.9	6.0
NNW	.7	.8	.6	.2		.0						2.3	6.1
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	11.2	
	15.6	37.1	28.9	6.2	.7	.2	.1					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 3210

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.2	.3	.0	.0		.0					2.9	4.4
NNE	1.1	1.1	.1	.1								2.4	4.2
NE	1.6	2.1	.8	.1								4.5	4.8
ENE	.9	1.1	.6	.3								2.9	5.7
E	1.4	2.1	1.1	.3								4.9	5.4
ESE	.9	1.8	.8	.0	.1							3.6	5.4
SE	1.9	3.1	1.2	.1	.0			.0				6.3	5.3
SSE	.8	1.7	1.1		.0		.0					3.7	5.6
S	1.9	3.6	1.9	.2	.2							7.8	5.6
SSW	1.7	2.5	1.3	.2	.0							5.7	5.2
SW	3.3	4.7	2.1	.2	.0							10.3	5.0
WSW	2.1	3.1	1.2	.0								6.4	4.6
W	2.4	3.1	1.2	.2								6.9	4.8
WNW	.8	.7	.4	.1	.1							2.1	5.4
NW	.9	.8	.3	.1	.0							2.1	4.9
NNW	.5	.6	.2	.0		.0	.0					1.4	5.7
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	26.0	
	23.7	33.2	14.4	2.0	.5	.0	.1	.0				100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 3198

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.8	.1									1.5	4.1
NNE	1.2	.5	.1	.0								1.9	3.6
NE	1.3	1.4	.5	.0	.1							3.3	4.7
ENE	.8	1.1	.7	.1								2.7	5.4
E	1.3	2.2	.9	.0								4.4	5.0
ESE	.8	1.7	.5	.1								3.0	5.1
SE	2.7	2.8	1.2	.0								6.7	4.6
SSE	1.6	1.6	.6	.0								3.8	4.4
S	3.8	4.0	1.2	.1	.0							9.0	4.4
SSW	2.2	2.3	.2	.0								4.8	3.8
SW	3.5	3.7	.8	.0								8.1	4.1
WSW	1.5	1.5	.5	.0								3.6	4.4
W	1.9	1.7	.4	.1	.0							4.1	4.2
WNW	.7	.4	.1			.0						1.2	4.2
NW	.8	.7	.2									1.7	4.2
NNW	.6	.4	.1									1.1	3.7
VARBL													
CALM												39.2	
	25.4	29.7	8.0	.6	.1	.0						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 3164

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-70 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.5	.3	.1								3.7	3.8
NNE	2.4	1.1	.2									3.7	3.4
NE	3.7	2.4	.7	.1	.0		.0					6.9	4.2
ENE	1.2	1.4	.9	.0		.0						3.5	5.1
E	2.0	2.0	.8	.0								4.9	4.5
ESE	.5	.7	.3	.0		.0						1.6	5.4
SE	1.3	1.4	.3	.1								3.1	4.4
SSE	1.1	1.2	.2	.0								2.6	4.2
S	2.6	2.0	.1	.0								4.7	3.6
SSW	2.1	1.0	.4									3.4	3.8
SW	2.9	2.3	.4									5.6	3.7
WSW	.8	.9	.2									1.9	4.0
W	1.3	.8	.3									2.3	3.8
WNW	.6	.3	.2									1.1	4.0
NW	.8	.3	.1									1.2	2.9
NNW	.3	.3	.1	.1								.7	5.0
VARBL													
CALM												49.0	
	25.6	19.5	5.3	.5	.0	.1	.0					100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 3068

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-70,72 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.1	.3	.1								3.4	3.8
NNE	2.5	1.8	.3									4.5	3.7
NE	4.6	3.0	.8			.1						8.4	4.0
ENE	1.6	2.0	.8	.1	.0							4.6	4.8
E	1.6	1.9	.8									4.3	4.5
ESE	.5	.4	.1		.0	.0						1.0	5.3
SE	1.6	1.0	.2	.1	.0							2.9	4.2
SSE	.8	.7	.2	.1								1.8	4.5
S	2.7	1.1	.0									3.8	3.2
SSW	1.6	.5	.3									2.4	3.5
SW	2.9	1.5	.2									4.6	3.4
WSW	1.4	1.1	.1									2.6	3.7
W	.8	1.2	.5									2.5	4.6
WNW	.6	.1	.0									.7	3.0
NW	.8	.5	.1	.0								1.5	3.7
NNW	.4	.3	.1									.7	3.7
VARBL													
CALM												50.2	
	26.3	18.1	4.8	.4	.1	.1						100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 3098

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 32-41,43-70,72 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.5	.5	.1								3.4	4.5
NNE	2.7	2.4	.6									5.6	3.9
NE	4.1	4.2	1.3	.1	.0							9.8	4.4
ENE	2.3	2.7	1.2	.3	.1							6.6	5.1
E	2.0	2.3	1.6	.4	.0							6.4	5.6
ESE	.9	1.3	.5	.1								2.8	5.2
SE	1.3	.9	.4	.2								2.7	4.8
SSE	.7	.6	.3	.1								1.6	4.8
S	1.7	.7	.3	.1								2.8	3.9
SSW	1.2	.6	.2									2.1	3.6
SW	2.3	2.0	.3									4.6	3.8
WSW	1.3	1.6	.3	.1								3.3	4.4
W	2.0	2.5	1.1	.1								5.6	4.8
WNW	.6	.7	.6	.0								1.9	5.2
NW	.9	.9	.3	.1								2.2	4.7
NNW	.4	.3	.1									.9	4.1
VARBL													
CALM												37.4	
	25.8	25.2	9.7	1.7	.1							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 3150

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

DATA PROCESSING BRANCH
HTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-70,72 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	2.2	.8									5.2	4.4
NNE	1.8	1.9	.6	.1								4.4	4.5
NE	2.4	2.8	1.1	.5								6.8	5.3
ENE	1.6	2.8	1.8	.7								6.9	6.2
E	2.2	3.7	2.7	.8	.1							9.4	6.1
ESE	.5	1.0	1.0	.2	.0							2.7	6.3
SE	1.2	1.6	.9	.2								3.8	5.2
SSE	.6	.6	.6	.2	.1							2.1	6.5
S	1.2	1.3	.5	.2								3.2	5.0
SSW	1.1	1.0	.5	.1								2.7	4.6
SW	2.1	2.0	.7	.2								5.0	4.6
WSW	1.4	2.4	1.4	.2								5.4	5.5
W	2.6	3.7	2.8	.3								9.3	5.5
WNW	1.1	1.2	1.5	.2								4.0	5.8
NW	1.3	1.8	1.0	.3								4.4	5.5
NNW	.8	1.0	.3	.0	.1							2.2	5.0
VARBL													
CALM												22.6	
	24.2	30.9	18.2	3.9	.2							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 3157

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-70,72 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	3.3	1.5	.2								6.7	5.1
NNE	1.6	2.2	1.0	.2	.1							5.1	5.3
NE	2.0	2.6	1.7	.5	.0							7.0	5.7
ENE	1.5	2.4	1.7	.4								6.1	5.8
E	1.4	3.5	2.9	.5	.1							8.4	6.4
ESE	.5	1.0	1.3	.4	.0	.0						3.2	7.4
SE	1.3	1.7	1.3	.1	.0							4.5	5.6
SSE	.7	1.5	.9	.4	.0							3.5	6.5
S	1.6	1.5	.9	.4								4.4	5.6
SSW	1.2	1.5	.9	.2	.0							3.9	5.8
SW	1.2	3.1	1.7	.4								6.4	6.0
WSW	.6	1.9	2.4	.4	.0							5.4	6.9
W	1.2	3.2	3.4	.7	.1		.0					8.6	6.9
WNW	.7	1.6	1.6	.4	.0							4.5	6.6
NW	1.3	1.9	1.6	.6	.1							5.5	6.4
NNW	1.0	1.5	.9	.3	.1							3.8	5.8
VARBL													
CALM												13.1	
	19.8	34.3	25.9	6.3	.6	.0	.0					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 3158

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-70,72 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	3.8	1.5	.2	.0							7.3	5.2
NNE	1.5	2.1	1.5	.3	.1							5.4	5.7
NE	1.5	2.5	1.8	.2	.1							6.0	5.8
ENE	.6	2.5	2.1	.3	.1							5.5	6.5
E	1.6	3.3	2.4	.2								7.5	5.7
ESE	.5	1.5	1.3	.1		.0						3.5	6.2
SE	1.5	2.0	1.7	.4	.1							5.6	6.2
SSE	.8	1.6	1.3	.2	.1							3.9	6.5
S	1.1	2.3	1.6	.5	.1							5.6	6.4
SSW	.8	1.6	1.2	.1	.0							3.7	5.9
SW	1.6	3.0	2.6	.3	.1		.0					7.6	6.1
WSW	.9	2.8	2.3	.4	.0							.4	6.6
W	1.1	4.2	3.1	.5	.0							8.9	6.4
WNW	.6	1.0	1.4	.3	.0							3.3	6.7
NW	1.1	1.7	1.6	.4	.1	.0		.0				5.0	6.8
NNW	.8	.8	.6	.3	.0							2.5	6.0
VARBL													
CALM												12.2	
	17.7	36.6	28.0	4.5	.9	.1	.0	.0				100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 3153

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-70,72 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	1.7	.5	.1		.0						4.4	4.4
NNE	1.6	1.1	.3	.0								3.1	4.0
NE	2.4	1.7	.6	.2	.0							4.9	4.5
ENE	1.5	1.6	.7	.1	.1							3.9	5.0
E	1.6	2.8	1.0	.1	.0							5.5	5.0
ESE	.8	1.2	.7	.1	.0							2.9	5.5
SE	2.0	2.5	.9	.3								5.7	5.0
SSE	1.0	1.0	.8	.1								2.9	5.2
S	2.0	2.8	1.2	.0								6.0	4.8
SSW	1.4	1.8	.6	.1								3.9	4.8
SW	2.3	3.5	1.2	.1		.0						7.1	4.8
WSW	1.7	1.9	.6	.0								4.2	4.3
W	2.7	2.6	1.0	.1		.0						6.4	4.5
WNW	.9	1.0	.4	.1								2.5	5.0
NW	1.4	1.5	.5	.1			.0					3.5	4.9
NNW	.8	.3	.2	.1								1.3	4.3
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	31.7	
	26.2	28.8	11.4	1.6	.2	.1	.0					100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 3156

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-70,72 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.2	.3	.0		.0						2.8	4.4
NNE	1.9	.5	.2	.1	.1							2.8	4.2
NE	2.5	2.1	.6	.1								5.2	4.3
ENE	1.1	1.6	.5	.1		.0						3.4	4.8
E	1.4	2.5	1.1	.1	.1							5.1	5.4
ESE	1.2	.9	.6	.1								2.8	4.8
SE	2.1	2.6	.8	.2	.1							5.7	5.1
SSE	.9	1.5	.4	.0	.0							2.9	4.8
S	3.3	2.8	.6	.0			.0					6.8	4.1
SSW	1.9	1.2	.3	.0								3.4	3.9
SW	2.0	2.3	.4									4.7	4.1
WSW	1.1	1.0	.2	.0								2.4	4.0
W	1.8	1.5	.3	.0								3.6	4.1
WNW	.4	.3	.2	.0								1.0	4.7
NW	.8	.5	.2	.1								1.7	4.4
NNW	.7	.3	.2									1.2	3.8
VARBL													
CALM												44.4	
	24.4	22.8	7.1	.9	.3	.1	.0					100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 3097

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-71 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	1.4	.9	.1	.0		.0					4.5	4.8
NNE	3.1	2.1	1.2	.1	.0							6.6	4.4
NE	5.4	5.2	1.6	.4								12.6	4.6
ENE	2.1	3.1	1.9	.1	.0							7.3	5.3
E	1.7	3.9	2.8	.7								9.0	6.2
ESE	.8	1.4	.5	.1	.0							2.9	5.5
SE	1.3	1.5	.3	.0								3.2	4.4
SSE	.7	.5	.3									1.5	4.5
S	1.5	1.2	.2									2.8	3.7
SSW	.6	.5	.1									1.3	3.9
SW	1.7	1.0	.1									2.8	3.3
WSW	.6	.4										1.0	3.3
W	1.3	.9	.0									2.2	3.3
WNW	.4	.2	.1									.7	3.5
NW	1.0	.4	.3	.0								1.6	4.1
NNW	.5	.4	.3	.0								1.2	4.8
VARBL													
CALM												38.8	
	24.7	24.1	10.6	1.6	.1		.0					100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 3143

USAFETAC FORM 0-8-5 (OL A) JUL 44 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	1.5	.7	.0								4.3	4.2
NNE	3.2	3.0	.9	.2								7.3	4.3
NE	5.5	6.0	2.5	.3								14.3	4.8
ENE	2.4	4.0	2.7	.3								9.4	5.5
E	2.6	3.5	2.5	.3	.1							8.9	5.5
ESE	.7	.7	.4	.0								1.8	4.8
SE	1.2	1.0	.2	.0								2.4	3.9
SSE	.5	.3	.1									.9	4.1
S	1.0	.8	.2	.1								2.0	4.0
SSW	.5	.4	.1	.0								1.0	4.2
SW	1.4	.6	.2									2.2	3.4
WSW	.5	.2	.0									.8	3.3
W	1.1	.7	.2	.0								2.1	3.8
WNW	.5	.3	.2									.9	4.3
NW	1.0	.6	.2	.1								1.8	3.9
NNW	.5	.4	.2	.1								1.2	4.6
VARBL													
CALM												38.8	
	24.5	23.9	11.2	1.5	.1							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 3174

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.1	1.0	.4								4.1	5.4
NNE	2.5	2.3	1.3	.2								6.3	4.9
NE	5.7	5.7	3.7	.8	.0							15.9	5.2
ENE	3.7	4.6	3.4	1.1	.0							12.8	5.8
E	2.1	4.4	3.7	.9	.0							11.2	6.3
ESE	1.0	1.0	1.1	.1	.1							3.2	5.9
SE	1.3	1.3	.9	.1								3.6	5.1
SSE	.4	.6	.3	.1								1.3	5.2
S	.7	.8	.3	.0								1.9	4.5
SSW	.6	.4	.1									1.1	3.9
SW	.8	.8	.2	.1								1.9	4.7
WSW	.6	.5	.1									1.3	3.9
W	1.3	.8	.2	.1								2.3	4.0
WNW	.6	.6	.3									1.5	4.4
NW	1.0	.6	.6	.1								2.2	5.3
NNW	.2	.4	.2	.2		.0						1.0	6.8
VARBL													
CALM												26.5	
	24.1	25.9	17.3	4.1	.2	.0						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 3236

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

DATA PROCESSING BRANCH
2 ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.0	1.0	.2		.0						4.4	5.5
NNE	1.3	2.2	1.2	.3								5.0	5.5
NE	2.6	3.5	3.3	.8	.1							10.3	6.2
ENE	2.3	3.5	4.6	1.6	.2							12.3	7.2
E	2.7	5.3	6.1	2.1	.2							16.5	7.2
ESE	.7	1.8	2.1	.6								5.3	7.0
SE	1.5	1.7	1.6	.2	.0							5.2	5.9
SSE	.5	1.2	.6	.1		.0						2.5	6.0
S	.9	1.1	.8	.1	.1							3.0	5.7
SSW	.6	.5	.6	.1								1.8	5.7
SW	.8	1.0	.7	.1								2.6	5.1
WSW	.5	1.0	.6	.1								2.2	5.6
W	1.5	2.2	1.2	.2								5.1	5.6
WNW	.4	.8	.7	.2	.0							2.2	6.6
NW	1.1	1.1	1.1	.3	.1							3.7	5.9
NNW	.6	.5	.7	.3	.1							2.2	6.9
VARBL													
CALM												15.8	
	19.3	29.5	27.0	7.4	.8	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 3226

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	2.3	1.5	.4	.0							6.3	5.5
NNE	1.1	1.6	1.8	.5		.0	.0					5.0	6.5
NE	1.9	3.9	3.6	.8	.2							10.4	6.7
ENE	.9	3.8	4.2	1.5	.0							10.4	7.5
E	2.1	4.7	5.6	1.8	.2							14.4	7.1
ESE	.5	2.0	2.0	.4								4.9	6.9
SE	1.1	2.1	1.8	.4	.0							5.4	6.3
SSE	.5	1.1	.7	.2								2.5	6.1
S	.9	1.7	1.0	.3	.1							4.0	6.3
SSW	.5	1.1	.9	.1	.0							2.6	6.3
SW	.9	1.9	1.1	.2								4.1	5.7
WSW	.7	1.1	1.0	.2								3.0	6.2
W	1.3	1.7	2.1	.5	.0							5.7	6.5
WNW	.6	.6	1.0	.5	.1							2.8	7.3
NW	.8	1.4	1.5	.4								4.1	6.5
NNW	.8	1.4	1.5	.3	.0							3.9	6.5
VARBL													
CALM												10.5	
	16.4	32.6	31.4	8.4	.6	.0	.0					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 3233

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) HAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	2.5	1.6	.2	.0							6.7	3.4
NNE	2.0	2.1	1.3	.2	.1	.1						5.8	5.6
NE	2.6	4.1	3.2	.7	.1							10.7	6.0
ENE	1.4	4.1	3.7	1.0	.0							10.2	6.6
E	2.3	5.2	4.2	.7	.1	.0						12.6	6.2
ESE	.9	1.9	1.9	.2		.0						4.9	6.2
SE	1.1	2.3	1.6	.1								5.1	5.7
SSE	.9	.8	.8	.1	.0							2.6	5.6
S	.8	1.2	1.1	.2								3.3	6.0
SSW	.4	1.1	.8	.1	.0							2.4	6.1
SW	1.3	1.7	1.2	.2								4.4	5.6
WSW	.5	1.5	.5	.0		.0						2.6	5.6
W	1.5	2.3	1.1	.3		.0						5.1	5.3
WNW	.6	.9	1.1	.1	.0							2.7	6.4
NW	1.4	1.5	1.6	.6								5.1	6.2
NNW	1.0	1.4	.9	.4	.0	.0						3.8	6.0
VARBL													
CALM												12.1	
	21.1	34.0	26.6	5.0	.4	.2						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 3231

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	1.9	1.2	.3	.0	.0						5.7	5.3
NNE	2.0	1.3	.7	.1	.0		.0					4.1	4.6
NE	4.0	3.3	1.5	.4	.0	.0						9.2	4.8
ENE	2.7	4.0	1.9	.5								9.1	5.4
E	2.8	3.5	2.4	.3	.0							9.1	5.4
ESE	1.2	1.5	.6	.1	.0	.0						3.5	5.2
SE	1.7	2.2	.7	.1								4.7	4.7
SSE	.8	.8	.4	.1								2.0	4.6
S	1.4	1.6	.3	.1								3.5	4.5
SSW	.6	.6	.4									1.7	4.8
SW	1.2	1.4	.4	.0								3.1	4.4
WSW	.7	.6	.2									1.6	4.3
W	1.4	1.3	.5									3.2	4.2
WNW	.8	.8	.2									1.8	4.3
NW	1.6	1.4	.6	.1								3.7	4.6
NNW	.8	.7	.6	.2		.0						2.2	5.8
VARBL													
CALM												31.9	
	25.9	27.0	12.8	2.2	.2	.1	.0					100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 3232

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.1	2.0	1.0	.1								6.2	4.3
NNE	2.3	1.5	.5	.2	.0							4.5	4.4
NE	4.8	3.9	2.0	.3	.1	.1						11.2	4.9
ENE	2.2	3.3	1.8	.4	.1							7.7	5.5
E	1.8	3.5	2.7	.6	.0							8.6	6.0
ESE	.7	1.1	1.2	.1								3.1	5.8
SE	1.7	1.8	.6									4.1	4.3
SSE	.9	1.0	.4									2.2	4.5
S	1.8	1.1	.5	.0								3.4	4.1
SSW	.6	.6	.3	.0								1.6	4.6
SW	1.3	1.1	.3									2.8	4.0
WSW	.7	.4	.1	.0								1.1	3.7
W	.9	.5	.2	.0								1.7	4.2
WNW	.5	.3	.0									.8	3.3
NW	.9	.6	.2	.1								1.8	4.2
NNW	.5	.4	.3	.1								1.4	5.0
VARBL													
CALM												37.8	
	24.6	23.2	12.2	1.9	.2	.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 3176

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-71 (YEARS) OCT (MONTH)

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

(CONDIT.ON)

SPEED (KNTS) DIR.	1 - 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	.7	.2	.0							5.4	4.8
NNE	3.5	2.6	.9	.0								7.0	4.1
NE	5.5	4.6	1.8	.2								12.0	4.5
ENE	2.4	2.8	1.4	.2	.0							6.8	5.1
E	2.3	2.7	1.8	.3								7.1	5.4
ESE	.6	1.0	.5	.1								2.2	5.3
SE	.8	1.0	.4	.1	.0							2.2	4.8
SSE	.4	.2	.2									.7	4.3
S	1.3	.2	.1	.0								1.6	3.3
SSW	.9	.3	.1	.1								1.3	3.8
SW	.9	.5	.3									1.8	4.1
WSW	.7	.4	.2									1.3	4.1
W	1.3	1.1	.4	.1	.0							2.8	4.6
WNW	.9	.7	.5	.0								2.2	4.8
NW	1.4	.6	.7	.2		.0						2.9	5.2
NNW	.9	.6	.8	.1	.0							2.4	5.4
VARBL													
CALM												40.3	
	26.0	21.4	10.6	1.6	.2	.0						100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 3248

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	1.8	.7	.1								4.6	4.5
NNE	3.7	2.8	.9	.2								7.7	4.2
NE	6.0	6.2	2.4	.2								14.7	4.6
ENE	2.8	3.1	1.7	.3	.0							8.0	5.1
E	2.2	2.5	1.8	.2								6.7	5.2
ESE	.7	.9	.4	.1								2.0	5.0
SE	.4	.5	.4									1.2	5.1
SSE	.3	.2	.1									.7	4.5
S	1.1	.3	.0									1.5	2.9
SSW	.4	.2	.1									.6	3.7
SW	1.5	.5	.2									2.2	3.4
WSW	.6	.5	.2	.0								1.3	4.5
W	.9	1.2	.6	.2								2.8	5.3
WNW	1.0	.7	.3	.0		.0						2.1	4.6
NW	1.4	.6	1.1	.1								3.1	5.3
NNW	.7	.8	.6	.1								2.3	5.6
VARBL													
CALM												38.5	
	25.7	22.7	11.5	1.4	.0	.0						100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 3270

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.8	1.1	.2								4.4	5.3
NNE	3.4	2.3	1.5	.2	.0							7.4	4.7
NE	6.6	6.6	2.9	.3	.0							16.4	4.7
ENE	2.9	4.0	2.9	.6								10.3	5.7
E	1.9	3.6	2.5	.3								8.3	5.7
ESE	.5	1.1	.7	.2								2.4	5.7
SE	.9	.9	.7	.1								2.6	5.2
SSE	.2	.4	.2									.9	4.9
S	.6	.3	.2	.1								1.2	4.7
SSW	.4	.2	.1									.7	3.4
SW	.9	.5	.1	.0								1.4	3.6
WSW	.7	.7	.3	.1								1.7	4.5
W	1.1	1.3	.7	.2		.0						3.3	5.3
WNW	.5	.5	.6	.2								1.8	6.0
NW	1.0	.9	.7	.3	.0							2.9	5.6
NNW	.7	.7	.8	.3	.1							2.5	7.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	31.8	
	23.6	25.6	16.0	2.8	.2	.0						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 3333

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.2	1.7	.7								5.7	6.5
NNE	1.6	1.8	1.9	.3	.1							5.8	6.0
NE	3.1	3.5	2.8	.6								10.0	5.6
ENE	2.2	3.0	3.0	1.1	.1							9.4	6.6
E	3.0	5.1	5.7	.9	.0							14.8	6.4
ESE	.8	1.9	1.8	.4	.0							5.0	6.6
SE	1.3	1.3	1.4	.1								4.1	5.7
SSE	.5	.9	.9	.3	.0							2.6	6.6
S	.5	.7	.6	.2	.1	.0						2.1	6.8
SSW	.4	.3	.3	.0	.0							1.3	5.6
SW	.0	.7	.5	.2								2.3	5.4
WSW	.2	.8	.6	.1								2.0	6.1
W	1.1	1.6	1.7	.4	.0							4.8	6.4
WNW	.6	.9	1.0	.7	.1							3.2	7.7
NW	.8	1.3	1.3	.7	.2	.0						4.3	7.6
NNW	.7	.9	1.4	.6	.2							3.8	7.6
VARBL													
CALM												18.7	
	19.1	27.2	26.7	7.3	1.0	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 3335

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	2.3	2.5	1.0								7.7	6.6
NNE	1.5	2.4	1.6	.3	.1	.0						6.0	6.0
NE	1.8	3.4	3.1	.4	.1							8.7	6.2
ENE	1.2	2.9	3.0	.7								7.9	6.7
E	2.0	4.9	3.8	.7	.0							11.5	6.2
ESE	.7	1.4	1.5	.4								4.0	6.7
SE	1.0	1.4	1.3	.2	.0							4.0	6.1
SSE	.7	.9	.8	.3								2.7	6.1
S	.7	.8	1.0	.1	.1							2.7	6.6
SSW	.3	.4	.2	.1	.0							1.1	6.5
SW	.9	1.2	1.2	.1	.0							3.5	6.0
WSW	.6	.8	.9	.4	.1							2.9	7.4
W	1.5	2.2	2.3	.9	.1	.1						7.0	6.9
WNW	.7	1.4	1.9	.9	.1	.0						5.1	7.8
NW	1.2	2.2	2.1	1.2	.4	.0						7.1	7.9
NNW	1.0	1.6	1.6	.8	.3							5.3	7.5
VARBL													
CALM												12.7	
	18.0	30.3	28.7	8.7	1.4	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 3339

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	3.0	2.1	.4	.0							8.2	5.6
NNE	1.8	1.9	1.2	.2	.0							5.1	5.2
NE	2.7	3.3	2.6	.4								8.9	5.6
ENE	2.0	2.2	2.5	.2	.0							7.0	5.9
E	2.9	4.2	2.8	.4	.0							10.5	5.6
ESE	.7	1.6	1.3	.1								3.7	6.1
SE	1.6	1.6	1.0	.0								4.2	5.0
SSE	.6	.7	.4	.3								2.1	6.0
S	.9	.9	.5	.1	.0	.0						2.4	5.4
SSW	.6	.6	.4	.1								1.7	5.5
SW	1.2	1.0	.5	.1								2.8	4.8
WSW	.9	.8	.7	.1								2.5	5.3
W	1.9	2.3	1.6	.3	.1	.0						6.2	5.7
WNW	.8	1.4	1.3	.7	.1	.0						4.4	7.2
NW	1.1	1.9	2.4	1.3	.1	.1						6.9	7.8
NNW	1.2	1.4	2.0	.7								5.3	6.9
VARBL													
CALM												18.2	
	23.4	28.9	23.4	5.5	.5	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 3336

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	1.9	1.2	.1	.1							6.2	4.7
NNE	1.8	1.3	.8	.1								3.9	4.5
NE	3.1	3.1	1.3	.2								7.7	4.7
ENE	2.0	2.7	1.1	.2	.0							6.0	5.0
E	2.3	2.8	1.9	.4	.0							7.3	5.4
ESE	.5	1.1	.8	.1								2.4	5.9
SE	1.5	1.6	.9	.1								4.1	5.1
SSE	.5	.6	.4	.0								1.5	5.2
S	1.3	1.2	.3	.1	.1							2.9	4.6
SSW	.6	.2	.2									1.0	4.2
SW	1.1	.7	.2									2.0	3.8
WSW	1.0	.5	.2	.0								1.7	3.8
W	1.6	1.1	.7	.1								3.5	4.7
WNW	1.5	.9	.4	.1	.0							2.9	4.4
NW	1.5	2.2	1.3	.3	.2	.0						5.5	6.1
NNW	1.3	1.7	1.4	.3	.1	.0						4.8	6.2
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	36.7	
	24.3	23.5	13.0	2.0	.4	.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 3332

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	2.0	1.2	.2								5.4	4.8
NNE	2.3	2.0	.7	.1								5.1	4.3
NE	4.3	3.8	1.6	.2	.0							9.9	4.6
ENE	2.0	2.4	1.5	.3	.0							6.3	5.4
E	1.6	2.8	2.2	.3								6.9	6.0
ESE	.7	.8	.9	.1	.0							2.5	5.7
SE	1.2	1.5	.7	.1								3.5	5.1
SSE	.5	.5	.2									1.3	4.9
S	1.3	.9	.3	.2								2.6	4.4
SSW	.8	.6	.1									1.5	3.9
SW	1.6	.5	.2									2.3	3.4
WSW	.9	.2	.4									1.5	4.3
W	.9	1.1	.4	.0								2.5	4.6
WNW	1.0	.8	.8	.0	.0							2.6	5.2
NW	1.0	1.1	1.0	.2	.1							3.3	5.8
NNW	1.0	.9	.9	.2	.1	.0						3.1	6.2
VARBL													
CALM												39.7	
	23.1	22.0	17.1	1.8	.2	.0						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 3277

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-71 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.0	1.1	.2								4.9	5.1
NNE	2.1	2.0	1.3	.1								5.5	4.8
NE	3.4	4.3	1.0	.1								8.9	4.5
ENE	1.9	1.6	.8	.1								4.3	4.6
E	1.7	2.0	1.3	.1								5.2	5.1
ESE	.5	1.0	.6	.1	.0							2.2	5.7
SE	.7	1.1	1.0	.2		.0						3.1	6.2
SSE	.6	.8	.5	.2								2.1	5.8
S	1.0	.7	1.0	.4								3.1	6.3
SSW	.5	.3	.3	.1								1.3	5.4
SW	1.0	.5	.5	.1	.0							2.1	5.3
WSW	.8	.5	.3	.1								1.7	5.1
W	1.7	2.0	1.2	.3	.1	.0						5.3	5.6
WNW	1.4	1.4	1.0	.7	.1	.0						4.6	6.1
NW	1.6	1.1	1.8	.8	.2	.0						5.6	7.3
NNW	.7	1.1	1.1	.4	.0							3.4	7.0
VARBL													
CALM												36.5	
	21.4	22.7	14.8	4.1	.4	.1						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 3145

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-71 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.8	1.3	.3								5.3	5.4
NNE	2.5	3.1	1.2	.0								6.8	4.6
NE	5.2	4.7	1.5	.1								11.4	4.2
ENE	1.7	2.4	.9	.0								5.0	4.8
E	1.7	2.4	1.1	.1		.0						5.3	5.0
ESE	.7	.8	.6									2.1	5.1
SE	.7	1.2	.7	.2								2.8	5.6
SSE	.3	.7	.3	.2								1.4	5.9
S	.9	.7	.8	.2	.0							2.7	5.9
SSW	.7	.6	.4	.1								1.7	5.3
SW	1.3	.7	.4	.1	.0							2.5	4.7
WSW	.7	.6	.3		.0							1.6	5.0
W	1.7	2.0	1.1	.4	.1							5.3	5.9
WNW	.8	1.0	1.1	.6	.3							3.8	8.1
NW	1.7	1.4	1.5	.9	.1	.1						5.6	7.0
NNW	.5	.7	1.1	.3								2.7	7.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	33.8	
	23.0	24.6	14.4	3.5	.6	.2						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 3145

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.8	1.5	.2								4.9	5.6
NNE	2.1	2.4	1.9	.3	.0							6.7	5.4
NE	4.8	5.0	1.9	.1								11.8	4.4
ENE	2.2	3.0	1.3	.2								6.7	5.0
E	2.1	2.8	2.0	.2								7.1	5.5
ESE	.7	1.2	.7	.1	.0							2.8	5.8
SE	.7	1.3	.8	.1								2.9	5.7
SSE	.3	.4	.7	.1	.0							1.5	7.1
S	.6	.6	.8	.1	.0							2.1	5.9
SSW	.5	.4	.2	.2								1.2	5.5
SW	.8	.7	.7	.0	.0	.0						2.3	5.7
WSW	.3	1.0	.4	.1	.0							2.0	5.6
W	1.6	2.0	1.3	.2								5.2	5.4
WNW	1.1	1.0	1.3	.6	.2	.1						4.3	7.7
NW	1.3	1.8	1.9	1.0	.3							6.3	7.6
NNW	.8	.9	.9	.5	.1	.0						3.2	7.3
VARBL													
CALM												28.9	
	21.5	26.3	18.3	4.1	.9	.1						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 3232

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.1	1.7	.8	.1	.0						6.0	6.8
NNE	1.1	2.1	2.5	.4	.0							6.0	6.6
NE	2.1	2.3	1.7	.2								6.6	5.3
ENE	1.4	2.4	1.6	.4								5.8	5.8
E	2.2	3.3	3.4	.4	.0							9.5	6.0
ESE	1.2	1.4	1.7	.3								4.5	6.1
SE	1.3	1.5	2.0	.2	.0							5.1	6.1
SSE	.5	1.1	1.1	.3	.1	.0						3.2	7.2
S	.9	1.0	1.3	.5	.1	.0						3.7	7.0
SSW	.4	.7	.6	.5	.1	.0						2.2	8.1
SW	.6	.7	.9	.6	.2							2.9	8.2
WSW	.9	.6	.8	.6	.1	.0						2.9	7.2
W	1.3	1.7	2.2	1.1	.1	.1						6.4	7.6
WNW	.8	1.1	1.8	1.1	.5	.0						5.3	9.0
NW	.7	1.0	2.4	1.7	.7	.2						6.6	10.2
NNW	.9	1.1	1.6	1.1	.3	.0						4.5	9.0
VARBL													
CALM												18.7	
	17.1	24.3	27.2	10.0	2.2	.5						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 3226

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.0	2.2	.5	.2							6.0	7.1
NNE	.8	1.5	1.3	.6	.0							4.3	6.7
NE	1.2	2.1	1.2	.3								5.0	5.6
ENE	.9	2.0	1.3	.1								4.2	5.8
E	1.7	2.3	2.8	.3								7.1	6.0
ESE	.8	1.4	1.0	.1								3.3	5.9
SE	1.1	2.4	2.1	.5								6.1	6.4
SSE	.8	1.5	1.1	.6	.0	.1	.0					4.1	7.2
S	.9	1.5	1.7	.5	.1	.1						4.7	7.2
SSW	.3	.9	.9	.3	.2							2.5	7.7
SW	.6	1.5	1.6	.9	.2							4.8	7.8
WSW	.6	1.3	1.4	.5	.1							3.9	7.3
W	1.7	2.4	3.1	1.7	.5	.1						9.5	8.0
WNW	.7	1.5	2.6	1.7	.5	.2						7.2	9.6
NW	.8	1.9	3.2	2.3	.7	.2	.0					9.1	9.6
NNW	.7	1.1	1.7	1.2	.2	.1						5.1	8.9
VARBL													
CALM												13.1	
	14.6	27.4	29.3	12.6	2.7	.6	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 3230

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	2.6	2.1	.3	.1							7.1	5.8
NNE	1.1	1.3	.8	.2								3.4	5.2
NE	1.9	1.7	.9	.2	.0							4.7	5.1
ENE	.9	1.1	1.0	.1	.0							3.1	5.4
E	2.4	2.8	1.8	.1								7.1	5.0
ESE	.8	1.5	.8	.1								3.2	5.3
SE	1.5	2.1	1.5	.1								5.2	5.4
SSE	.8	1.4	1.1	.3	.0	.0						3.6	6.3
S	1.0	1.3	1.2	.5	.1	.0	.0					4.1	6.9
SSW	.7	.7	1.1	.1	.1							2.8	6.3
SW	1.1	1.6	1.2	.4	.0	.0						4.3	6.2
WSW	1.1	1.2	1.0	.2								3.5	5.6
W	1.7	2.4	2.3	.7	.1	.0						7.3	6.6
WNW	1.0	1.8	2.2	1.4	.5	.0						6.8	8.5
NW	1.2	1.9	3.9	2.1	.3	.1	.0					9.7	8.8
NNW	1.3	2.0	2.3	.8	.2	.0						6.6	7.3
VARBL													
CALM												17.5	
	20.6	27.4	25.0	7.6	1.5	.3	.1					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 3233

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	2.4	1.4	.2	.0	.0						6.2	5.3
NNE	1.0	1.2	.6	.1								2.9	5.0
NE	2.2	1.7	.7	.2								4.9	4.8
ENE	1.4	1.8	.7	.1	.0							4.1	5.0
E	1.3	2.3	1.3	.3								5.2	5.6
ESE	.0	1.6	1.2	.0								3.5	5.8
SE	1.3	2.8	2.2	.1								6.4	5.8
SSE	1.1	.9	.7	.2	.0							2.8	5.2
S	1.6	1.3	.9	.2	.2							4.2	5.7
SSW	.7	.7	.4	.2	.0	.0						2.1	6.1
SW	1.3	.7	.5	.1								2.6	4.6
WSW	.6	.5	.2									1.4	4.3
W	2.0	1.2	1.1	.5	.1	.1						5.0	6.1
WNW	1.1	2.0	1.6	.7	.2	.1						5.7	7.1
NW	1.7	2.2	3.5	.9	.1	.0						8.5	7.2
NNW	1.6	1.2	1.8	.4	.2							5.2	6.3
VARBL													
CALM												29.5	
	21.7	24.6	18.9	4.2	.8	.2						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 3223

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.2	1.4	.2	.0							5.6	5.5
NNE	1.8	1.6	1.1	.1								4.6	4.9
NE	2.8	3.1	.9	.1								6.9	4.5
ENE	1.3	1.2	.8	.2	.0							3.5	5.2
E	1.3	2.4	1.5	.3								5.6	5.7
ESE	.5	.7	.7	.0								1.9	5.5
SE	1.1	2.4	1.5	.2								5.2	5.7
SSE	.9	1.0	.7	.2								2.8	5.7
S	1.8	1.5	.9	.3	.0							4.5	5.1
SSW	.5	.6	.5	.2	.0							1.8	6.1
SW	1.4	.9	.7	.2								3.1	4.9
WSW	.6	.5	.3	.2								1.6	5.5
W	1.4	1.7	1.0	.2	.1		.0					4.4	5.7
WNW	.8	1.4	1.7	.6	.1	.1						4.6	7.5
NW	1.8	1.7	2.6	.7	.2							7.0	6.8
NNW	1.0	.9	1.2	.4	.1							3.5	6.8
VARBL													
CALM												33.3	
	20.7	23.7	17.6	4.0	.5	.1	.0					100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 3203

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-71 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	2.2	1.2	.3	.1							5.8	5.5
NNE	1.9	2.2	1.1	.1								5.3	4.8
NE	2.9	3.3	1.7	.1								8.0	4.7
ENE	1.6	2.0	1.0	.5								5.1	5.5
E	1.9	2.4	1.9	.5	.1							6.8	5.9
ESE	.6	.9	1.2	.2	.0							2.9	6.6
SE	1.0	1.5	.9	.2	.0							3.6	5.8
SSE	.4	.7	.8	.3	.0	.1						2.3	7.7
S	1.4	1.2	1.3	.2								4.1	5.6
SSW	.8	.9	.6	.0								2.4	5.1
SW	1.4	.8	.3	.0								2.6	4.1
WSW	1.0	.7	.2	.2	.0							2.1	4.8
W	1.3	1.4	1.3	.7	.2							4.9	6.9
WNW	.9	1.5	1.5	.7	.3	.0						4.8	7.6
NW	1.0	1.0	2.0	.8	.4	.0						5.2	8.2
NNW	.7	1.2	1.2	.3	.1	.0						3.6	6.7
VARBL													
CALM												30.5	
	20.8	24.0	18.3	5.1	1.2	.2						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 3240

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-71 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.7	1.3	.4	.1							6.3	5.5
NNE	2.3	2.4	1.3	.1								6.1	4.8
NE	3.9	3.7	2.4	.1								10.1	4.8
ENE	2.1	2.2	1.5	.2	.0							6.1	5.4
E	1.7	1.9	1.9	.5	.0							6.0	6.1
ESE	.5	1.0	.8	.3		.0						2.5	6.5
SE	1.1	1.2	.9	.1	.0							3.3	5.4
SSE	.3	.8	1.1	.3	.0							2.6	7.4
S	.9	1.3	.7	.2	.0							3.1	5.6
SSW	.8	.7	.3									1.9	4.4
SW	1.6	1.0	.5	.1								3.2	4.4
WSW	.8	.7	.2	.1								1.9	4.6
W	1.1	1.7	1.2	.7	.1	.0						4.9	6.9
WNW	.8	1.4	1.1	.6	.1	.0						4.0	7.2
NW	.9	1.4	1.7	1.0	.2	.1						5.3	8.1
NNW	.8	1.2	1.2	.3	.0	.0						3.6	6.6
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	29.2	
	21.2	25.3	18.3	5.0	.7	.2						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 3234

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.4	1.6	.4								6.0	5.7
NNE	2.3	2.3	1.6	.2								6.5	5.2
NE	4.6	3.0	2.5	.1								11.0	4.8
ENE	2.1	2.3	1.9	.4								6.6	5.6
E	1.7	2.4	2.4	.5								7.0	6.0
ESE	.4	1.1	1.3	.3	.0	.0						3.1	7.2
SE	.6	1.4	1.0	.2	.0							3.3	6.3
SSE	.5	.9	.8	.2	.1	.0						2.6	6.7
S	.8	.8	.8	.2	.0	.0						2.6	6.0
SSW	.7	.8	.4	.1								2.0	4.9
SW	1.4	1.0	.6	.0	.1							3.1	4.8
WSW	.8	.5	.5	.1	.1							1.8	5.4
W	1.9	1.5	1.4	.6	.1							5.5	6.2
WNW	1.0	1.5	1.3	.5	.0	.1						4.4	6.9
NW	.9	1.2	1.7	.9	.3	.1						5.1	8.6
NNW	.8	.7	1.0	.3	.1	.1						2.9	7.1
VARBL													
CALM												26.6	
	22.1	24.5	20.5	5.2	.8	.4						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 3324

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.5	2.1	.6	.1							6.7	6.3
NNE	1.6	1.9	1.4	.4								5.4	5.6
NE	2.4	3.2	2.1	.3	.0							8.0	5.4
ENE	1.9	2.3	1.7	.6	.0							6.6	5.8
E	1.4	3.1	2.5	1.0	.1							8.1	6.7
ESE	.5	1.4	1.6	.5	.0		.0					4.1	7.2
SE	1.3	1.9	1.9	.5	.1							5.7	6.7
SSE	.6	.8	1.0	.3	.1							2.9	7.0
S	.9	.9	1.4	.7	.1							4.1	7.4
SSW	.7	.7	.6	.5	.1							2.5	7.0
SW	.9	1.0	1.3	.3	.1	.0						3.6	6.6
WSW	1.0	.9	.9	.4	.1	.0						3.4	6.7
W	.9	1.8	2.1	1.2	.3	.0						6.3	8.0
WNW	.8	1.1	1.8	1.4	.4	.2						5.7	9.3
NW	.8	1.3	2.1	1.4	.4	.1						6.1	8.9
NNW	1.0	.9	1.2	.6	.1	.0						3.7	7.2
VARBL													
CALM												17.4	
	18.2	25.7	25.7	10.6	2.1	.4	.0					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 3342

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.1	2.3	.6	.1							6.4	6.4
NNE	1.0	1.3	1.0	.1								3.5	5.7
NE	1.7	1.7	1.3	.2								4.9	5.4
ENE	.9	1.6	1.2	.4								4.2	6.3
E	1.8	2.2	2.5	.8								7.3	6.4
ESE	.8	1.5	1.3	.4	.0							3.9	6.5
SE	1.0	2.1	1.9	.6	.1	.0						5.7	6.7
SSE	.5	.8	1.0	.4	.0							2.8	7.2
S	1.4	1.1	1.6	.7	.2	.1						5.1	7.4
SSW	.6	.6	.9	.6	.1							2.8	7.8
SW	1.5	1.3	2.0	1.3	.1	.1						6.3	7.7
WSW	.7	1.1	1.5	.5	.2	.0						4.0	7.7
W	1.5	2.4	3.5	2.0	.5	.0						10.0	8.4
WNW	.7	1.5	1.9	2.2	.5	.2						7.1	10.0
NW	.8	1.8	2.4	1.9	.6	.1						7.6	9.4
NNW	.6	1.2	1.5	.7	.1	.0						4.2	7.7
VARBL													
CALM												14.2	
	16.8	24.4	27.8	13.5	2.6	.7						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 3335

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.1	2.1	.4	.1							6.3	6.1
NNE	1.3	1.2	.7	.2								3.4	5.0
NE	1.5	1.4	1.0	.1								4.0	4.9
ENE	1.1	1.1	1.2	.3	.0							3.8	6.2
E	2.1	2.5	1.9	.5								7.0	5.7
ESE	1.0	1.3	1.2	.2	.0							3.7	6.1
SE	1.2	2.3	1.3	.1	.0							4.9	5.6
SSE	.8	1.0	1.4	.5	.1							3.7	7.1
S	1.0	1.5	1.3	.4	.0	.0						4.2	6.4
SSW	.7	1.0	.8	.3	.0							2.9	6.3
SW	2.0	1.4	1.3	.3	.0	.0						5.1	5.6
WSW	1.2	1.4	.9	.4	.1	.0	.0					4.0	6.3
W	1.9	2.6	2.8	1.5	.1	.0						9.0	7.3
WNW	.6	1.5	1.5	1.6	.3	.1	.1					5.7	9.2
NW	1.3	2.4	2.9	2.0	.3							8.9	8.1
NNW	1.0	1.4	2.2	.7	.2	.1						5.6	7.6
VARBL													
CALM												17.7	
	20.2	26.1	24.7	9.7	1.3	.2	.1					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 3342

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.1	1.5	.4	.1							5.8	5.8
NNE	1.3	1.2	.7	.1								3.3	4.9
NE	1.6	1.5	1.2	.2								4.4	5.2
ENE	1.3	.9	.9	.3								3.4	5.7
E	1.6	2.4	3.0	.8	.1	.0						7.8	6.8
ESE	.8	1.3	1.0	.5	.1							3.6	6.6
SE	1.3	2.6	1.9	.2	.0							5.9	5.8
SSE	.6	1.4	1.0	.6	.0							3.7	7.0
S	1.9	1.2	1.3	.3	.0	.0						4.8	5.6
SSW	.7	.8	.5	.1								2.2	5.2
SW	1.4	1.4	.5	.3								3.6	5.1
WSW	1.4	.6	.2	.2	.1	.0						2.5	5.6
W	1.7	2.1	1.2	.6	.1							5.8	6.0
WNW	1.4	1.4	1.0	.9	.2	.2						5.0	7.4
NW	1.5	2.2	2.6	1.4	.3	.2						8.1	7.7
NNW	.9	1.5	1.4	.6	.1							4.5	6.8
VARBL													
CALM												25.5	
	21.2	24.7	19.9	7.3	1.0	.4						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 3316

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.4	1.4	.5	.1	.0						6.1	5.7
NNE	2.1	1.4	.9	.2		.0						4.7	4.9
NE	2.2	2.5	1.4	.1								6.3	5.0
ENE	1.1	1.7	1.2	.3		.0						4.2	6.0
E	1.3	2.3	2.4	.7	.0							6.7	6.5
ESE	.4	1.5	1.4	.3		.0						3.6	6.7
SE	1.5	1.7	1.5	.2	.1							5.0	5.8
SSE	.3	1.1	1.2	.4	.2							3.2	7.8
S	1.8	1.5	1.2	.5	.1							5.1	5.6
SSW	.8	.8	.8	.2								2.6	5.5
SW	1.4	1.1	.7	.0								3.2	4.7
WSW	.9	.8	.4	.3								2.5	5.7
W	1.5	1.3	1.0	.6	.2							4.6	6.8
WNW	1.0	1.5	1.4	.7	.0	.0						4.6	6.9
NW	1.1	1.1	2.0	1.0	.5	.1						5.9	8.5
NNW	.9	1.0	1.3	.4	.1							3.7	6.8
VARBL													
CALM												28.1	
	19.8	23.8	20.4	6.4	1.2	.2						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 3295

USAFETAC FORM 08-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) ALL (MONTH)

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

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

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.4	1.0	.3	.0		.0					3.9	5.7
NNE	1.1	1.4	1.0	.2	.0	.0	.0	.0				3.7	5.9
NE	2.5	2.9	2.3	.5	.0	.0	.0					8.2	5.7
ENE	1.7	3.1	2.9	.6	.1	.0						8.4	6.4
E	2.3	4.7	4.3	.9	.1	.0						12.3	6.4
ESE	1.0	1.7	1.7	.4	.1	.0	.0					4.9	6.7
SE	1.6	2.0	1.7	.5	.1	.0	.0					5.9	6.2
SSE	.7	1.0	1.0	.4	.1	.0	.0					3.2	6.9
S	1.3	1.5	1.3	.4	.1	.0						4.6	6.2
SSW	.7	.9	.7	.2	.0			.0				2.6	6.1
SW	1.2	1.4	1.1	.3	.1	.0		.0				4.1	6.1
WSW	.6	.9	.7	.4	.1	.0	.0			.0		2.8	7.3
W	1.2	1.5	1.7	1.0	.3	.1	.0	.0				5.7	7.9
WNW	.5	.8	1.2	.9	.3	.1	.0					3.8	9.2
NW	.7	1.0	1.5	.8	.3	.1		.0				4.4	8.5
NNW	.5	.7	.8	.3	.0	.0						2.3	7.1
VARBL													
CALM												19.2	
	18.8	26.9	25.0	8.1	1.6	.4	.1	.0		.0		100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 29699

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

D

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

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

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.0

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

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

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

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ADDITIONAL EXAMPLES

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

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

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

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

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) ALL (MONTH)

ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.6	50.1	52.0	53.1	53.9	54.0	54.3	54.4	54.4	54.6	54.7	54.7	54.8	54.8	54.8	55.0
≥ 20000	39.0	58.1	60.2	61.5	62.4	62.5	62.9	63.0	63.0	63.2	63.3	63.3	63.4	63.4	63.5	63.6
≥ 18000	39.3	58.4	60.5	61.8	62.7	62.8	63.2	63.3	63.4	63.6	63.6	63.6	63.7	63.7	63.8	63.9
≥ 16000	39.6	58.9	61.0	62.3	63.2	63.3	63.7	63.8	63.9	64.0	64.1	64.1	64.2	64.2	64.3	64.4
≥ 14000	40.4	60.3	62.4	63.7	64.6	64.8	65.1	65.3	65.3	65.5	65.6	65.6	65.7	65.7	65.8	65.9
≥ 12000	41.7	62.6	64.9	66.2	67.2	67.3	67.7	67.8	67.9	68.1	68.1	68.2	68.2	68.2	68.3	68.5
≥ 10000	42.9	64.7	67.0	68.4	69.4	69.5	69.9	70.1	70.1	70.3	70.4	70.4	70.5	70.5	70.6	70.7
≥ 9000	43.2	65.3	67.7	69.1	70.1	70.2	70.6	70.8	70.8	71.0	71.1	71.1	71.2	71.2	71.3	71.4
≥ 8000	43.9	66.6	69.1	70.5	71.5	71.7	72.1	72.3	72.3	72.5	72.6	72.6	72.7	72.7	72.8	72.9
≥ 7000	44.5	67.8	70.3	71.8	72.8	73.0	73.4	73.6	73.6	73.8	73.9	73.9	74.0	74.0	74.1	74.2
≥ 6000	45.1	68.9	71.5	73.0	74.1	74.2	74.7	74.9	74.9	75.1	75.2	75.2	75.3	75.3	75.4	75.6
≥ 5000	46.0	70.5	73.2	74.8	75.9	76.1	76.5	76.7	76.8	77.0	77.1	77.1	77.2	77.2	77.3	77.4
≥ 4500	46.5	71.3	74.0	75.7	76.8	77.0	77.4	77.6	77.7	77.9	78.0	78.0	78.1	78.1	78.2	78.3
≥ 4000	47.5	73.0	75.8	77.5	78.7	78.9	79.4	79.6	79.6	79.8	79.9	79.9	80.0	80.0	80.1	80.3
≥ 3500	48.3	74.4	77.2	78.9	80.2	80.3	80.8	81.0	81.1	81.3	81.4	81.4	81.5	81.5	81.6	81.7
≥ 3000	49.3	76.4	79.4	81.2	82.5	82.6	83.2	83.4	83.4	83.7	83.8	83.8	83.9	83.9	84.0	84.1
≥ 2500	50.4	78.2	81.3	83.2	84.5	84.7	85.2	85.5	85.5	85.7	85.8	85.9	86.0	86.0	86.0	86.2
≥ 2000	51.4	80.3	83.5	85.5	86.9	87.1	87.7	88.0	88.0	88.3	88.4	88.4	88.5	88.5	88.6	88.7
≥ 1800	51.7	81.0	84.2	86.2	87.7	87.8	88.5	88.7	88.7	89.0	89.1	89.1	89.2	89.2	89.3	89.5
≥ 1500	52.3	82.4	85.8	87.9	89.4	89.6	90.3	90.5	90.6	90.9	91.0	91.0	91.1	91.1	91.2	91.3
≥ 1200	52.8	83.8	87.3	89.6	91.2	91.4	92.1	92.4	92.4	92.7	92.8	92.8	92.9	92.9	93.0	93.2
≥ 1000	53.0	84.8	88.5	90.8	92.5	92.8	93.5	93.8	93.8	94.2	94.3	94.3	94.4	94.4	94.5	94.7
≥ 900	53.2	85.1	88.9	91.3	93.1	93.3	94.1	94.4	94.4	94.8	94.9	94.9	95.0	95.0	95.1	95.3
≥ 800	53.3	85.6	89.5	92.0	93.8	94.1	94.9	95.3	95.3	95.7	95.8	95.8	95.9	96.0	96.0	96.2
≥ 700	53.3	86.0	89.9	92.5	94.4	94.7	95.6	95.9	96.0	96.4	96.5	96.5	96.6	96.7	96.7	96.9
≥ 600	53.4	86.2	90.2	92.9	94.9	95.2	96.2	96.5	96.6	97.0	97.1	97.2	97.3	97.3	97.4	97.6
≥ 500	53.4	86.4	90.5	93.3	95.4	95.7	96.8	97.2	97.2	97.7	97.9	97.9	98.0	98.1	98.2	98.3
≥ 400	53.4	86.5	90.7	93.5	95.7	96.0	97.1	97.6	97.7	98.2	98.4	98.4	98.6	98.6	98.7	98.8
≥ 300	53.4	86.6	90.7	93.6	95.8	96.2	97.4	97.9	97.9	98.5	98.7	98.7	98.9	99.0	99.1	99.3
≥ 200	53.4	86.6	90.8	93.6	95.9	96.3	97.5	98.0	98.0	98.7	98.9	99.0	99.2	99.2	99.4	99.6
≥ 100	53.4	86.6	90.8	93.6	95.9	96.3	97.5	98.0	98.1	98.7	99.0	99.0	99.3	99.3	99.5	99.8
0	53.4	86.6	90.8	93.6	95.9	96.3	97.5	98.0	98.1	98.7	99.0	99.0	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 304386

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

SPEEDIDOT® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JAN (MONTH)

ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	24.0	38.1	40.0	41.3	42.2	42.3	42.7	42.9	42.9	43.1	43.2	43.2	43.3	43.3	43.4	43.6
≥ 20000	27.4	43.9	46.2	47.8	48.8	48.9	49.4	49.7	49.7	49.9	50.0	50.0	50.1	50.1	50.2	50.4
≥ 18000	27.6	44.2	46.5	48.0	49.1	49.2	49.7	50.0	50.0	50.2	50.3	50.3	50.4	50.4	50.5	50.7
≥ 16000	27.8	44.6	46.9	48.5	49.5	49.6	50.1	50.4	50.4	50.7	50.7	50.7	50.8	50.8	50.9	51.1
≥ 14000	28.5	45.7	48.1	49.7	50.7	50.9	51.4	51.6	51.7	51.9	52.0	52.0	52.1	52.1	52.2	52.4
≥ 12000	29.1	47.4	49.9	51.6	52.8	52.9	53.4	53.7	53.7	54.0	54.0	54.1	54.2	54.2	54.3	54.5
≥ 10000	29.9	49.1	51.7	53.4	54.6	54.7	55.2	55.5	55.6	55.8	55.9	55.9	56.0	56.0	56.1	56.3
≥ 9000	30.2	49.7	52.3	54.1	55.3	55.4	56.0	56.2	56.3	56.5	56.6	56.6	56.7	56.7	56.9	57.1
≥ 8000	31.0	51.3	54.0	55.8	57.1	57.2	57.8	58.1	58.1	58.4	58.4	58.5	58.6	58.6	58.7	58.9
≥ 7000	31.9	52.8	55.7	57.6	58.9	59.1	59.7	60.0	60.0	60.3	60.4	60.4	60.5	60.5	60.6	60.9
≥ 6000	32.8	54.4	57.4	59.4	60.8	60.9	61.6	61.9	61.9	62.2	62.3	62.3	62.4	62.5	62.6	62.8
≥ 5000	33.8	56.4	59.7	61.8	63.2	63.4	64.1	64.4	64.5	64.8	64.9	64.9	65.0	65.0	65.1	65.4
≥ 4500	34.2	57.3	60.5	62.7	64.2	64.4	65.1	65.4	65.4	65.8	65.8	65.8	66.0	66.0	66.1	66.3
≥ 4000	34.9	58.8	62.1	64.3	65.9	66.1	66.9	67.2	67.2	67.6	67.7	67.7	67.8	67.8	68.0	68.2
≥ 3500	35.4	60.0	63.5	65.8	67.4	67.6	68.4	68.7	68.8	69.1	69.2	69.2	69.4	69.4	69.5	69.7
≥ 3000	36.3	61.9	65.5	67.8	69.6	69.8	70.6	71.0	71.1	71.4	71.5	71.6	71.7	71.7	71.8	72.1
≥ 2500	37.4	64.1	67.8	70.4	72.2	72.5	73.4	73.8	73.8	74.2	74.3	74.3	74.5	74.5	74.6	74.9
≥ 2000	38.6	66.8	70.8	73.6	75.6	75.9	76.9	77.3	77.3	77.8	77.9	77.9	78.0	78.1	78.2	78.4
≥ 1800	39.0	67.8	71.9	74.7	76.8	77.1	78.0	78.5	78.5	78.9	79.1	79.1	79.2	79.3	79.4	79.6
≥ 1500	39.7	69.9	74.4	77.3	79.6	79.8	80.9	81.3	81.4	81.8	81.9	81.9	82.1	82.1	82.3	82.5
≥ 1200	40.4	72.4	77.1	80.3	82.7	83.0	84.1	84.6	84.6	85.1	85.3	85.3	85.5	35.5	85.6	85.8
≥ 1000	40.7	74.0	79.0	82.4	85.0	85.4	86.6	87.2	87.2	87.8	87.9	87.9	88.2	88.2	88.3	88.5
≥ 900	40.8	74.5	79.6	83.1	85.8	86.2	87.5	88.1	88.2	88.8	88.9	88.9	89.2	89.2	89.3	89.5
≥ 800	40.9	75.2	80.5	84.2	87.1	87.6	89.0	89.7	89.8	90.4	90.6	90.6	90.9	90.9	91.0	91.3
≥ 700	41.0	75.8	81.3	85.2	88.3	88.8	90.4	91.1	91.2	91.8	92.1	92.1	92.3	92.4	92.5	92.8
≥ 600	41.1	76.2	81.9	86.0	89.1	89.7	91.4	92.2	92.3	93.0	93.3	93.3	93.6	93.6	93.7	94.0
≥ 500	41.1	76.5	82.3	86.6	90.0	90.5	92.5	93.4	93.5	94.4	94.7	94.7	95.0	95.0	95.2	95.5
≥ 400	41.1	76.7	82.6	86.9	90.6	91.2	93.3	94.3	94.4	95.5	95.8	95.8	96.2	96.2	96.4	96.7
≥ 300	41.1	76.8	82.7	87.2	90.9	91.6	93.8	94.9	95.0	96.3	96.7	96.8	97.1	97.2	97.4	97.8
≥ 200	41.1	76.8	82.8	87.2	91.1	91.8	94.1	95.3	95.4	96.9	97.5	97.5	97.9	98.0	98.3	98.7
≥ 100	41.1	76.8	82.8	87.2	91.1	91.8	94.1	95.3	95.5	97.0	97.6	97.7	98.2	98.3	98.7	99.3
0	41.1	76.8	82.8	87.2	91.1	91.8	94.1	95.3	95.5	97.0	97.7	97.7	98.3	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 25838

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

HOOPER BUSINESS FORMS, INC. 22 SPECIFICATION

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (MONTH)

ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	26.8	41.4	43.0	44.2	45.0	45.1	45.5	45.6	45.7	45.8	45.9	45.9	45.9	45.9	46.0	46.1
≥ 20000	30.5	47.2	49.1	50.6	51.6	51.6	52.1	52.3	52.4	52.6	52.6	52.6	52.7	52.7	52.8	52.9
≥ 18000	30.8	47.6	49.6	51.1	52.0	52.1	52.7	52.8	52.9	53.1	53.2	53.2	53.2	53.2	53.3	53.4
≥ 16000	31.2	48.2	50.2	51.7	52.6	52.7	53.2	53.4	53.5	53.7	53.7	53.7	53.8	53.8	53.9	54.0
≥ 14000	31.8	49.5	51.6	53.2	54.1	54.2	54.8	54.9	55.0	55.2	55.3	55.3	55.3	55.3	55.4	55.5
≥ 12000	32.9	51.4	53.6	55.2	56.2	56.3	56.9	57.1	57.1	57.4	57.4	57.4	57.5	57.5	57.6	57.7
≥ 10000	33.8	53.0	55.3	56.9	58.0	58.1	58.7	58.8	58.9	59.1	59.2	59.2	59.3	59.3	59.4	59.4
≥ 9000	34.2	53.8	56.1	57.7	58.8	58.9	59.5	59.7	59.8	60.0	60.0	60.0	60.1	60.1	60.2	60.3
≥ 8000	35.2	55.6	58.0	59.7	60.8	60.9	61.5	61.7	61.8	62.0	62.1	62.1	62.2	62.2	62.3	62.3
≥ 7000	36.0	57.1	59.7	61.5	62.7	62.8	63.5	63.7	63.7	64.0	64.0	64.0	64.1	64.1	64.2	64.3
≥ 6000	36.9	59.0	61.6	63.5	64.8	64.9	65.6	65.8	65.8	66.1	66.1	66.1	66.2	66.2	66.3	66.4
≥ 5000	37.8	60.8	63.6	65.6	67.0	67.1	67.8	68.0	68.1	68.4	68.4	68.4	68.5	68.5	68.6	68.7
≥ 4500	38.2	61.7	64.6	66.7	68.1	68.2	68.9	69.1	69.2	69.5	69.5	69.5	69.6	69.6	69.7	69.8
≥ 4000	39.2	63.7	66.7	68.8	70.3	70.5	71.2	71.4	71.5	71.8	71.9	71.9	72.0	72.0	72.1	72.2
≥ 3500	39.9	65.2	68.2	70.4	72.0	72.1	72.9	73.2	73.2	73.6	73.6	73.6	73.7	73.7	73.8	73.9
≥ 3000	41.2	67.5	70.7	73.0	74.7	74.9	75.7	76.0	76.0	76.4	76.4	76.4	76.5	76.5	76.7	76.7
≥ 2500	42.1	69.5	72.8	75.3	77.1	77.3	78.2	78.5	78.5	78.9	79.0	79.0	79.1	79.1	79.2	79.3
≥ 2000	43.5	72.5	76.0	78.8	80.7	81.0	81.9	82.2	82.3	82.7	82.7	82.7	82.8	82.9	83.0	83.1
≥ 1800	43.8	73.4	77.0	79.9	81.9	82.1	83.1	83.4	83.4	83.8	83.9	83.9	84.0	84.0	84.2	84.2
≥ 1500	44.4	75.3	79.2	82.2	84.3	84.6	85.6	86.0	86.0	86.5	86.5	86.6	86.7	86.7	86.8	86.9
≥ 1200	44.9	77.1	81.2	84.5	86.8	87.0	88.2	88.5	88.6	89.1	89.2	89.2	89.3	89.3	89.4	89.5
≥ 1000	45.3	78.4	82.7	86.2	88.6	88.9	90.1	90.5	90.6	91.1	91.2	91.2	91.4	91.4	91.5	91.6
≥ 900	45.4	78.7	83.2	86.7	89.2	89.5	90.8	91.2	91.3	91.9	92.0	92.0	92.1	92.2	92.3	92.4
≥ 800	45.5	79.4	84.0	87.7	90.3	90.7	92.1	92.6	92.6	93.2	93.4	93.4	93.5	93.6	93.7	93.8
≥ 700	45.6	79.8	84.5	88.4	91.1	91.5	93.0	93.6	93.6	94.3	94.4	94.5	94.6	94.6	94.8	94.9
≥ 600	45.6	80.1	84.9	88.9	91.8	92.3	93.9	94.5	94.6	95.3	95.4	95.5	95.6	95.7	95.8	95.9
≥ 500	45.7	80.4	85.4	89.6	92.7	93.3	95.0	95.7	95.8	96.6	96.9	96.9	97.1	97.2	97.3	97.4
≥ 400	45.7	80.6	85.6	89.9	93.2	93.7	95.6	96.4	96.5	97.4	97.7	97.8	98.0	98.0	98.2	98.3
≥ 300	45.7	80.7	85.7	90.1	93.4	94.0	95.9	96.8	96.9	98.0	98.3	98.4	98.7	98.7	98.9	99.0
≥ 200	45.7	80.7	85.7	90.1	93.5	94.1	96.1	97.0	97.1	98.3	98.7	98.7	99.1	99.2	99.4	99.5
≥ 100	45.7	80.7	85.7	90.1	93.5	94.1	96.1	97.0	97.1	98.3	98.8	98.8	99.3	99.3	99.6	99.7
≥ 0	45.7	80.7	85.7	90.1	93.5	94.1	96.1	97.0	97.1	98.3	98.8	98.8	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 23474

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

SPEEDIFORM® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAR (MONTH) ALL (HOURS EST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	31.1	45.2	46.9	47.9	48.6	48.7	48.9	49.0	49.0	49.1	49.2	49.2	49.2	49.2	49.2	49.3
≥ 20000	35.2	51.4	53.4	54.6	55.5	55.6	55.9	56.0	56.1	56.2	56.2	56.2	56.3	56.3	56.3	56.4
≥ 18000	35.6	52.0	54.0	55.2	56.1	56.2	56.5	56.6	56.6	56.8	56.8	56.8	56.9	56.9	56.9	57.0
≥ 16000	36.0	52.6	54.6	55.8	56.7	56.8	57.1	57.3	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.6
≥ 14000	37.0	54.1	56.1	57.4	58.3	58.4	58.7	58.8	58.9	59.0	59.0	59.0	59.1	59.1	59.1	59.2
≥ 12000	38.1	56.0	58.2	59.4	60.4	60.5	60.9	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.3	61.4
≥ 10000	39.2	58.0	60.2	61.6	62.6	62.6	63.0	63.2	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.5
≥ 9000	39.6	58.7	60.9	62.3	63.3	63.4	63.7	63.9	63.9	64.0	64.1	64.1	64.1	64.1	64.2	64.3
≥ 8000	40.4	60.2	62.5	63.9	65.0	65.1	65.5	65.6	65.7	65.8	65.9	65.9	65.9	65.9	65.9	66.0
≥ 7000	41.2	61.7	64.2	65.7	66.8	66.9	67.3	67.5	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.8
≥ 6000	42.0	63.3	65.9	67.5	68.7	68.8	69.2	69.4	69.4	69.6	69.6	69.6	69.7	69.7	69.7	69.8
≥ 5000	43.1	65.4	68.2	70.0	71.2	71.3	71.8	72.0	72.0	72.2	72.2	72.2	72.3	72.3	72.3	72.4
≥ 4500	43.6	66.4	69.3	71.1	72.4	72.5	72.9	73.1	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.5
≥ 4000	44.5	68.3	71.3	73.1	74.5	74.6	75.1	75.3	75.3	75.4	75.5	75.5	75.5	75.6	75.6	75.7
≥ 3500	45.4	69.9	72.9	74.8	76.3	76.4	76.9	77.1	77.1	77.3	77.3	77.3	77.4	77.4	77.4	77.5
≥ 3000	46.5	72.1	75.4	77.4	78.9	79.0	79.5	79.7	79.8	79.9	80.0	80.0	80.0	80.0	80.1	80.2
≥ 2500	47.5	74.3	77.7	79.9	81.4	81.6	82.1	82.3	82.4	82.6	82.6	82.6	82.7	82.7	82.7	82.8
≥ 2000	48.5	76.8	80.5	82.8	84.5	84.6	85.3	85.5	85.6	85.8	85.8	85.8	85.9	85.9	85.9	86.0
≥ 1800	48.8	77.7	81.4	83.7	85.5	85.6	86.3	86.5	86.6	86.8	86.8	86.8	86.9	86.9	86.9	87.0
≥ 1500	49.5	79.3	83.3	85.8	87.7	87.9	88.6	88.9	88.9	89.1	89.2	89.2	89.3	89.3	89.3	89.4
≥ 1200	50.1	81.2	85.4	88.1	90.1	90.3	91.1	91.4	91.4	91.7	91.8	91.8	91.8	91.8	91.8	92.0
≥ 1000	50.4	82.4	86.7	89.6	91.7	92.0	92.8	93.1	93.2	93.5	93.6	93.6	93.6	93.7	93.7	93.8
≥ 900	50.5	82.8	87.2	90.2	92.4	92.7	93.5	93.9	94.0	94.3	94.4	94.4	94.5	94.5	94.5	94.6
≥ 800	50.6	83.3	87.8	90.9	93.2	93.5	94.4	94.9	94.9	95.3	95.4	95.4	95.5	95.5	95.5	95.6
≥ 700	50.7	83.6	88.2	91.4	93.8	94.1	95.1	95.6	95.6	96.1	96.2	96.2	96.3	96.3	96.3	96.4
≥ 600	50.8	83.9	88.5	91.9	94.4	94.8	95.9	96.4	96.4	96.9	97.1	97.1	97.2	97.2	97.2	97.3
≥ 500	50.8	84.1	88.9	92.3	95.0	95.4	96.6	97.2	97.3	97.9	98.0	98.0	98.1	98.1	98.2	98.3
≥ 400	50.8	84.2	89.0	92.6	95.4	95.7	97.1	97.8	97.8	98.5	98.6	98.6	98.8	98.8	98.8	98.9
≥ 300	50.8	84.2	89.1	92.7	95.5	95.9	97.4	98.1	98.2	98.8	99.0	99.1	99.2	99.2	99.3	99.4
≥ 200	50.8	84.2	89.1	92.7	95.6	96.0	97.5	98.2	98.3	99.0	99.2	99.2	99.4	99.4	99.5	99.6
≥ 100	50.8	84.2	89.1	92.7	95.6	96.0	97.5	98.3	98.3	99.0	99.3	99.3	99.5	99.5	99.6	99.8
0	50.8	84.2	89.1	92.7	95.6	96.0	97.5	98.3	98.3	99.0	99.3	99.3	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 24976

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

STEEPLOG® MOORE BUSINESS FORMS INC 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.0	53.2	54.9	55.7	56.4	56.4	56.6	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.9	57.0
≥ 20000	45.2	61.5	63.4	64.3	65.0	65.0	65.2	65.3	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.7
≥ 18000	45.5	61.9	63.8	64.8	65.5	65.5	65.7	65.8	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.1
≥ 16000	45.9	62.4	64.3	65.3	66.0	66.0	66.2	66.3	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.6
≥ 14000	46.7	63.7	65.6	66.6	67.3	67.4	67.5	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.9	68.0
≥ 12000	47.8	65.5	67.5	68.5	69.2	69.3	69.5	69.5	69.6	69.6	69.7	69.7	69.8	69.8	69.8	69.9
≥ 10000	48.7	67.3	69.3	70.4	71.1	71.2	71.4	71.5	71.5	71.5	71.6	71.6	71.7	71.7	71.7	71.8
≥ 9000	49.0	67.8	69.8	70.9	71.6	71.7	71.9	72.0	72.0	72.1	72.1	72.1	72.2	72.2	72.2	72.4
≥ 8000	49.6	69.0	71.1	72.3	73.0	73.1	73.3	73.4	73.4	73.5	73.5	73.5	73.6	73.6	73.6	73.8
≥ 7000	50.2	70.2	72.3	73.5	74.3	74.4	74.6	74.7	74.7	74.7	74.8	74.8	74.9	74.9	74.9	75.1
≥ 6000	50.7	71.4	73.7	74.9	75.7	75.8	76.0	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.5
≥ 5000	51.7	73.3	75.6	77.0	77.8	77.9	78.1	78.2	78.2	78.3	78.4	78.4	78.4	78.4	78.5	78.6
≥ 4500	52.1	74.1	76.5	77.9	78.7	78.8	79.0	79.1	79.1	79.2	79.3	79.3	79.4	79.4	79.4	79.5
≥ 4000	53.2	75.9	78.4	79.8	80.8	80.8	81.1	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.6
≥ 3500	54.0	77.2	79.8	81.2	82.2	82.2	82.5	82.6	82.6	82.7	82.8	82.8	82.8	82.9	82.9	83.0
≥ 3000	55.3	79.4	82.1	83.7	84.7	84.8	85.0	85.1	85.1	85.2	85.3	85.3	85.4	85.4	85.4	85.6
≥ 2500	56.2	81.4	84.2	85.9	86.9	87.0	87.3	87.4	87.4	87.5	87.6	87.6	87.7	87.7	87.7	87.9
≥ 2000	57.3	83.8	86.7	88.5	89.6	89.7	90.1	90.2	90.2	90.3	90.4	90.4	90.5	90.5	90.5	90.7
≥ 1800	57.6	84.4	87.3	89.1	90.3	90.4	90.8	90.9	90.9	91.1	91.2	91.2	91.2	91.2	91.3	91.4
≥ 1500	58.3	86.1	89.1	91.0	92.3	92.4	92.8	92.9	92.9	93.1	93.2	93.2	93.3	93.3	93.3	93.4
≥ 1200	58.6	87.4	90.6	92.6	94.0	94.1	94.5	94.6	94.6	94.8	94.9	94.9	95.0	95.0	95.0	95.2
≥ 1000	58.9	88.2	91.6	93.7	95.2	95.3	95.8	96.0	96.0	96.2	96.3	96.3	96.4	96.4	96.4	96.5
≥ 900	59.0	88.4	91.9	94.0	95.6	95.7	96.2	96.4	96.4	96.6	96.7	96.7	96.8	96.8	96.8	96.9
≥ 800	59.0	88.9	92.4	94.7	96.3	96.5	97.1	97.2	97.2	97.4	97.5	97.5	97.6	97.6	97.7	97.8
≥ 700	59.1	89.0	92.7	94.9	96.6	96.8	97.4	97.6	97.6	97.8	97.9	97.9	98.0	98.0	98.1	98.2
≥ 600	59.1	89.2	92.9	95.2	96.9	97.2	97.8	97.9	98.0	98.2	98.3	98.3	98.4	98.4	98.5	98.6
≥ 500	59.1	89.3	93.0	95.4	97.2	97.4	98.1	98.3	98.3	98.6	98.7	98.7	98.8	98.8	98.8	99.0
≥ 400	59.1	89.4	93.1	95.6	97.4	97.6	98.3	98.5	98.6	98.9	99.0	99.0	99.1	99.1	99.2	99.3
≥ 300	59.1	89.4	93.2	95.6	97.5	97.7	98.5	98.7	98.8	99.1	99.2	99.2	99.3	99.4	99.4	99.5
≥ 200	59.1	89.4	93.2	95.7	97.5	97.8	98.6	98.8	98.9	99.2	99.3	99.4	99.5	99.5	99.6	99.7
≥ 100	59.1	89.4	93.2	95.7	97.5	97.8	98.6	98.8	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.8
0	59.1	89.4	93.2	95.7	97.5	97.8	98.6	98.8	98.9	99.2	99.4	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 24834

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

SPEEDISHO® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40,0	56,8	58,4	59,1	59,6	59,6	59,8	59,8	59,8	59,9	59,9	59,9	60,0	60,0	60,0	60,0
≥ 20000	47,2	66,5	68,4	69,2	69,7	69,7	69,9	70,0	70,0	70,0	70,1	70,1	70,1	70,1	70,1	70,2
≥ 18000	47,5	66,8	68,7	69,5	70,0	70,1	70,3	70,3	70,3	70,4	70,4	70,4	70,5	70,5	70,5	70,5
≥ 16000	47,8	67,3	69,1	70,0	70,5	70,5	70,7	70,8	70,8	70,8	70,9	70,9	70,9	70,9	70,9	70,9
≥ 14000	48,5	68,6	70,5	71,3	71,8	71,9	72,1	72,1	72,1	72,2	72,2	72,2	72,3	72,3	72,3	72,3
≥ 12000	49,9	70,9	72,9	73,8	74,3	74,3	74,5	74,6	74,6	74,7	74,7	74,7	74,7	74,7	74,8	74,8
≥ 10000	51,3	73,0	75,1	76,0	76,6	76,6	76,8	76,9	76,9	76,9	77,0	77,0	77,0	77,0	77,1	77,1
≥ 9000	51,7	73,7	75,8	76,6	77,3	77,3	77,5	77,6	77,6	77,7	77,7	77,7	77,7	77,8	77,8	77,8
≥ 8000	52,6	75,0	77,2	78,2	78,8	78,8	79,0	79,1	79,1	79,1	79,2	79,2	79,2	79,2	79,3	79,3
≥ 7000	53,2	76,1	78,4	79,4	79,9	80,0	80,2	80,3	80,3	80,3	80,3	80,3	80,4	80,4	80,4	80,4
≥ 6000	53,8	77,3	79,6	80,7	81,2	81,3	81,5	81,6	81,6	81,6	81,7	81,7	81,7	81,7	81,7	81,8
≥ 5000	54,8	79,0	81,4	82,5	83,1	83,2	83,4	83,4	83,4	83,5	83,5	83,5	83,6	83,6	83,6	83,6
≥ 4500	55,3	79,[illegible]	82,4	83,5	84,1	84,1	84,3	84,4	84,4	84,5	84,5	84,5	84,5	84,5	84,6	84,6
≥ 4000	56,6	81,[illegible]	[illegible]3	85,4	86,0	86,1	86,3	86,4	86,4	86,4	86,4	86,4	86,5	86,5	86,5	86,6
≥ 3500	57,5	83,1	8[illegible],6	86,8	87,4	87,5	87,7	87,8	87,8	87,8	87,8	87,8	87,9	87,9	87,9	88,0
≥ 3000	58,8	85,2	87,8	89,0	89,7	89,7	90,0	90,0	90,0	90,1	90,1	90,1	90,2	90,2	90,2	90,2
≥ 2500	59,7	86,8	89,5	90,7	91,4	91,5	91,7	91,8	91,8	91,9	91,9	91,9	92,0	92,0	92,0	92,0
≥ 2000	60,4	88,2	91,0	92,3	93,1	93,1	93,4	93,5	93,5	93,6	93,6	93,6	93,7	93,7	93,7	93,7
≥ 1800	60,7	88,7	91,5	92,9	93,6	93,7	94,0	94,0	94,0	94,1	94,1	94,1	94,2	94,2	94,2	94,2
≥ 1500	61,2	89,8	92,7	94,1	94,9	95,0	95,3	95,3	95,3	95,4	95,4	95,4	95,5	95,5	95,6	95,6
≥ 1200	61,7	90,8	93,7	95,2	96,0	96,1	96,4	96,5	96,5	96,6	96,6	96,6	96,7	96,7	96,7	96,7
≥ 1000	61,9	91,5	94,6	96,1	97,0	97,1	97,4	97,5	97,5	97,6	97,7	97,7	97,7	97,8	97,8	97,8
≥ 900	62,0	91,7	94,8	96,4	97,3	97,4	97,7	97,8	97,8	97,9	97,9	97,9	98,0	98,0	98,1	98,1
≥ 800	62,0	92,1	95,2	96,8	97,7	97,8	98,1	98,3	98,3	98,4	98,4	98,4	98,5	98,5	98,5	98,6
≥ 700	62,1	92,3	95,4	97,0	98,0	98,1	98,4	98,5	98,5	98,7	98,7	98,7	98,8	98,8	98,8	98,9
≥ 600	62,1	92,4	95,6	97,2	98,2	98,3	98,7	98,8	98,8	98,9	99,0	99,0	99,1	99,1	99,1	99,1
≥ 500	62,1	92,5	95,7	97,4	98,4	98,6	99,0	99,1	99,1	99,2	99,3	99,3	99,4	99,4	99,4	99,5
≥ 400	62,1	92,6	95,8	97,5	98,5	98,7	99,1	99,2	99,2	99,4	99,5	99,5	99,6	99,6	99,6	99,6
≥ 300	62,1	92,6	95,8	97,6	98,6	98,7	99,1	99,3	99,3	99,5	99,5	99,5	99,7	99,7	99,7	99,8
≥ 200	62,1	92,6	95,8	97,6	98,6	98,8	99,2	99,4	99,4	99,5	99,6	99,6	99,8	99,8	99,8	99,9
≥ 100	62,1	92,6	95,8	97,6	98,6	98,8	99,2	99,4	99,4	99,6	99,6	99,6	99,8	99,8	99,9	99,9
≥ 0	62,1	92,6	95,8	97,6	98,6	98,8	99,2	99,4	99,4	99,6	99,6	99,6	99,8	99,8	99,9	100,0

TOTAL NUMBER OF OBSERVATIONS 25721

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

SPEEDISET® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUN (MONTH)

ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅜	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.7	54.0	55.6	56.5	57.1	57.1	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.4
≥ 20000	46.5	65.9	67.7	68.6	69.3	69.4	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6
≥ 18000	46.7	66.1	67.9	68.9	69.5	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.9
≥ 16000	47.0	66.7	68.4	69.4	70.1	70.1	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4
≥ 14000	48.0	68.3	70.1	71.2	71.8	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.2
≥ 12000	49.5	71.0	73.0	74.0	74.7	74.8	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.1
≥ 10000	51.2	73.8	75.8	76.9	77.7	77.7	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0
≥ 9000	51.5	74.4	76.5	77.6	78.3	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7
≥ 8000	52.2	75.7	77.8	78.9	79.7	79.7	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 7000	52.8	76.7	78.8	79.9	80.7	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1
≥ 6000	53.3	77.4	79.6	80.7	81.5	81.6	81.7	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9
≥ 5000	54.4	79.2	81.4	82.6	83.4	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8
≥ 4500	55.1	80.2	82.4	83.6	84.5	84.5	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.9
≥ 4000	56.5	82.2	84.5	85.8	86.6	86.7	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3500	57.5	83.6	85.9	87.2	88.1	88.1	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5
≥ 3000	59.1	86.0	88.4	89.7	90.6	90.6	90.8	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0
≥ 2500	59.9	87.4	89.8	91.1	92.0	92.1	92.3	92.3	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.5
≥ 2000	60.9	89.2	91.7	93.1	94.0	94.0	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.5
≥ 1800	61.1	89.6	92.1	93.5	94.4	94.5	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.9	94.9
≥ 1500	61.7	90.6	93.1	94.5	95.5	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0
≥ 1200	62.1	91.4	94.0	95.5	96.5	96.6	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	62.3	92.1	94.8	96.3	97.4	97.5	97.7	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	62.4	92.4	95.1	96.7	97.7	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3
≥ 800	62.4	92.7	95.5	97.1	98.1	98.2	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.8
≥ 700	62.5	92.9	95.7	97.4	98.4	98.5	98.8	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.1
≥ 600	62.5	93.1	95.9	97.5	98.6	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 500	62.5	93.2	96.0	97.7	98.8	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 400	62.5	93.2	96.1	97.8	98.9	99.0	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7
≥ 300	62.5	93.2	96.1	97.8	99.0	99.1	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	62.5	93.2	96.1	97.9	99.0	99.1	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 100	62.5	93.2	96.1	97.9	99.0	99.1	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	100.0
≥ 0	62.5	93.2	96.1	97.9	99.0	99.1	99.5	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 24833

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

DUPLICATED BY MOORE BUSINESS FORMS, INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUL (MONTH)

ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.2	49.7	51.0	51.6	52.0	52.1	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.5
≥ 20000	43.7	62.5	64.0	64.7	65.2	65.2	65.4	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6
≥ 18000	43.9	62.9	64.3	65.1	65.5	65.6	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	66.0	66.0
≥ 16000	44.3	63.5	65.0	65.7	66.2	66.2	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.7
≥ 14000	45.8	65.7	67.2	68.0	68.4	68.5	68.7	68.7	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9
≥ 12000	48.0	69.3	71.1	71.9	72.4	72.4	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.9	72.9
≥ 10000	49.9	72.7	74.4	75.2	75.8	75.8	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.3
≥ 9000	50.3	73.4	75.1	75.9	76.4	76.5	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.0
≥ 8000	51.0	74.7	76.5	77.3	77.9	77.9	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.4	78.4
≥ 7000	51.5	75.6	77.4	78.2	78.8	78.8	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.3	79.3
≥ 6000	52.1	76.5	78.3	79.1	79.7	79.7	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.2	80.2
≥ 5000	52.8	77.6	79.5	80.4	80.9	81.0	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.5
≥ 4500	53.4	78.4	80.3	81.2	81.7	81.8	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.3	82.3
≥ 4000	54.9	80.7	82.6	83.5	84.1	84.1	84.4	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3500	55.9	82.2	84.1	85.0	85.6	85.7	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.2	86.2
≥ 3000	57.7	84.8	86.8	87.7	88.3	88.4	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	89.0
≥ 2500	58.8	86.6	88.7	89.7	90.3	90.4	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.9	90.9
≥ 2000	59.8	88.5	90.7	91.7	92.3	92.4	92.7	92.7	92.8	92.9	92.9	92.9	92.9	92.9	93.0	93.0
≥ 1800	59.9	88.7	90.9	92.0	92.6	92.7	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.3
≥ 1500	60.4	89.9	92.1	93.2	93.9	94.0	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.6	94.6
≥ 1200	60.7	90.8	93.1	94.2	94.9	95.0	95.3	95.4	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.7
≥ 1000	61.0	91.5	93.9	95.1	95.9	95.9	96.3	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6
≥ 900	61.2	91.9	94.3	95.4	96.3	96.3	96.7	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.1
≥ 800	61.3	92.5	95.0	96.1	97.0	97.0	97.4	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.8	97.8
≥ 700	61.4	92.8	95.3	96.5	97.4	97.4	97.8	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.3	98.3
≥ 600	61.4	93.1	95.7	96.9	97.8	97.9	98.2	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.7	98.7
≥ 500	61.5	93.3	95.9	97.3	98.2	98.3	98.7	98.8	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.3
≥ 400	61.5	93.4	96.1	97.4	98.4	98.5	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.4	99.5	99.5
≥ 300	61.5	93.4	96.2	97.6	98.6	98.7	99.1	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.7	99.7
≥ 200	61.5	93.5	96.2	97.6	98.6	98.8	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.8	99.9	99.9
≥ 100	61.5	93.5	96.2	97.6	98.6	98.8	99.2	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.9	100.0
0	61.5	93.5	96.2	97.6	98.6	98.8	99.2	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 25490

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-70,72 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.7	55.7	57.7	58.7	59.2	59.3	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.7
≥ 20000	43.5	66.6	68.7	69.9	70.5	70.6	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.1
≥ 18000	43.6	66.7	68.9	70.1	70.7	70.8	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.3
≥ 16000	43.9	67.2	69.4	70.5	71.1	71.2	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7
≥ 14000	45.2	69.0	71.3	72.4	73.1	73.2	73.4	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.7
≥ 12000	47.2	72.4	74.7	75.9	76.6	76.7	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.2
≥ 10000	48.7	74.9	77.4	78.7	79.4	79.5	79.8	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0
≥ 9000	49.1	75.5	78.1	79.4	80.1	80.2	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.7	80.7	80.7
≥ 8000	49.8	76.8	79.4	80.7	81.4	81.5	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.1
≥ 7000	50.1	77.5	80.1	81.5	82.2	82.3	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.9
≥ 6000	50.5	78.1	80.8	82.1	82.9	83.0	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.5	83.5	83.5
≥ 5000	51.2	79.2	81.9	83.3	84.0	84.2	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.7	84.7
≥ 4500	51.6	80.0	82.7	84.1	84.8	84.9	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.5
≥ 4000	52.7	81.5	84.3	85.7	86.5	86.6	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2
≥ 3500	53.6	82.8	85.6	87.0	87.8	87.9	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.5	88.5
≥ 3000	55.0	84.8	87.7	89.2	90.0	90.1	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.7	90.7	90.7
≥ 2500	55.9	86.3	89.2	90.7	91.5	91.6	91.9	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.3
≥ 2000	56.6	87.6	90.5	92.1	93.0	93.1	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.7	93.7
≥ 1800	56.8	87.9	90.8	92.5	93.3	93.4	93.7	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.1
≥ 1500	57.2	88.8	91.8	93.5	94.3	94.5	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.1	95.1	95.1
≥ 1200	57.5	89.5	92.6	94.3	95.2	95.3	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0
≥ 1000	57.7	90.2	93.4	95.1	96.1	96.2	96.6	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 900	57.8	90.5	93.7	95.4	96.4	96.5	96.9	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.3
≥ 800	57.9	90.9	94.1	95.9	97.0	97.2	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.9	97.9	97.9
≥ 700	58.0	91.1	94.4	96.2	97.4	97.5	97.9	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.4
≥ 600	58.0	91.3	94.6	96.5	97.7	97.8	98.2	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.7	98.7
≥ 500	58.1	91.6	95.0	96.9	98.1	98.3	98.7	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.2
≥ 400	58.1	91.7	95.1	97.0	98.3	98.5	98.9	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.5
≥ 300	58.1	91.7	95.2	97.1	98.4	98.6	99.1	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.7	99.7
≥ 200	58.1	91.7	95.2	97.2	98.5	98.7	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.8	99.9
≥ 100	58.1	91.7	95.2	97.2	98.5	98.7	99.2	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9
≥ 0	58.1	91.7	95.2	97.2	98.5	98.7	99.2	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 25050

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.9	55.4	56.9	57.8	58.4	58.5	58.7	58.8	58.8	58.9	59.0	59.0	59.1	59.1	59.1	59.2
≥ 20000	44.1	64.3	66.1	67.1	67.8	67.9	68.1	68.2	68.2	68.3	68.3	68.3	68.4	68.4	68.5	68.5
≥ 18000	44.3	64.6	66.3	67.3	68.0	68.1	68.3	68.4	68.4	68.6	68.6	68.6	68.7	68.7	68.7	68.8
≥ 16000	44.5	64.9	66.7	67.7	68.4	68.5	68.7	68.8	68.8	69.0	69.0	69.0	69.1	69.1	69.1	69.2
≥ 14000	45.5	66.5	68.2	69.3	70.0	70.1	70.3	70.4	70.4	70.6	70.6	70.6	70.7	70.7	70.8	70.8
≥ 12000	47.1	69.4	71.2	72.3	73.1	73.2	73.4	73.5	73.5	73.6	73.7	73.7	73.7	73.7	73.8	73.9
≥ 10000	48.5	71.8	73.7	74.9	75.6	75.7	75.9	76.0	76.0	76.2	76.2	76.2	76.3	76.3	76.4	76.4
≥ 9000	48.8	72.4	74.3	75.5	76.3	76.4	76.6	76.7	76.7	76.8	76.9	76.9	77.0	77.0	77.0	77.1
≥ 8000	49.4	73.6	75.6	76.9	77.5	77.8	78.0	78.1	78.1	78.2	78.3	78.3	78.3	78.3	78.4	78.5
≥ 7000	49.8	74.4	76.4	77.7	78.4	78.6	78.8	78.9	78.9	79.1	79.1	79.1	79.2	79.2	79.2	79.3
≥ 6000	50.2	75.0	77.0	78.3	79.1	79.2	79.5	79.6	79.6	79.7	79.8	79.8	79.8	79.8	79.9	80.0
≥ 5000	50.9	76.0	78.1	79.4	80.2	80.3	80.6	80.7	80.7	80.8	80.9	80.9	80.9	80.9	81.0	81.1
≥ 4500	51.2	76.6	78.7	80.0	80.8	80.9	81.2	81.3	81.3	81.4	81.5	81.5	81.5	81.5	81.6	81.7
≥ 4000	52.3	78.2	80.4	81.7	82.5	82.7	82.9	83.0	83.0	83.2	83.2	83.2	83.3	83.3	83.4	83.4
≥ 3500	53.1	79.5	81.6	83.0	83.8	83.9	84.2	84.3	84.3	84.4	84.5	84.5	84.6	84.6	84.6	84.7
≥ 3000	54.4	81.4	83.7	85.1	85.9	86.0	86.3	86.4	86.4	86.6	86.6	86.6	86.7	86.7	86.7	86.8
≥ 2500	55.2	83.0	85.2	86.7	87.6	87.7	88.0	88.1	88.1	88.2	88.3	88.3	88.4	88.4	88.4	88.5
≥ 2000	56.2	84.7	87.1	88.6	89.5	89.7	90.0	90.1	90.1	90.2	90.3	90.3	90.4	90.4	90.4	90.5
≥ 1800	56.5	85.2	87.7	89.2	90.1	90.2	90.5	90.6	90.6	90.8	90.8	90.8	90.9	90.9	91.0	91.1
≥ 1500	57.1	86.3	89.0	90.7	91.6	91.8	92.0	92.2	92.2	92.3	92.4	92.4	92.5	92.5	92.5	92.6
≥ 1200	57.6	88.0	90.5	92.3	93.3	93.5	93.8	93.9	93.9	94.1	94.1	94.1	94.2	94.2	94.3	94.4
≥ 1000	58.0	89.0	91.7	93.5	94.6	94.8	95.1	95.3	95.3	95.5	95.5	95.5	95.6	95.6	95.7	95.8
≥ 900	58.1	89.4	92.1	94.0	95.1	95.3	95.6	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.2	96.3
≥ 800	58.2	89.9	92.7	94.7	95.8	96.0	96.4	96.6	96.6	96.8	96.9	96.9	97.0	97.0	97.0	97.1
≥ 700	58.4	90.3	93.3	95.3	96.5	96.7	97.2	97.4	97.4	97.6	97.6	97.7	97.7	97.8	97.8	97.9
≥ 600	58.4	90.6	93.6	95.7	97.0	97.2	97.7	97.9	97.9	98.1	98.2	98.2	98.3	98.3	98.4	98.5
≥ 500	58.5	90.8	93.9	96.1	97.4	97.6	98.2	98.5	98.5	98.7	98.8	98.8	98.9	98.9	99.0	99.1
≥ 400	58.5	90.9	94.0	96.2	97.6	97.9	98.5	98.7	98.7	99.0	99.1	99.1	99.2	99.2	99.3	99.4
≥ 300	58.5	90.9	94.1	96.3	97.7	98.0	98.6	98.9	98.9	99.2	99.3	99.4	99.5	99.5	99.6	99.7
≥ 200	58.5	90.9	94.1	96.3	97.7	98.0	98.7	99.0	99.0	99.3	99.5	99.5	99.6	99.6	99.7	99.8
≥ 100	58.5	90.9	94.1	96.3	97.7	98.0	98.7	99.0	99.0	99.3	99.5	99.5	99.6	99.7	99.8	99.9
≥ 0	58.5	90.9	94.1	96.3	97.7	98.0	98.7	99.0	99.0	99.3	99.5	99.5	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 25647

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

SPERRY RAND BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) OCT (MONTH)

ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.9	59.9	62.4	63.9	65.1	65.4	65.9	66.1	66.2	66.5	66.7	66.7	66.8	66.8	66.9	67.1
≥ 20000	42.3	65.3	68.0	69.7	70.9	71.1	71.7	71.9	71.9	72.3	72.5	72.5	72.6	72.6	72.7	72.9
≥ 18000	42.5	65.6	68.3	69.9	71.2	71.4	72.0	72.2	72.2	72.6	72.8	72.8	72.9	72.9	73.0	73.2
≥ 16000	42.7	65.9	68.7	70.3	71.5	71.8	72.3	72.5	72.6	72.9	73.1	73.1	73.3	73.3	73.4	73.5
≥ 14000	43.3	66.9	69.7	71.3	72.6	72.8	73.3	73.6	73.6	74.0	74.1	74.2	74.3	74.3	74.4	74.6
≥ 12000	44.0	68.4	71.2	72.9	74.1	74.4	74.9	75.1	75.2	75.5	75.7	75.7	75.9	75.9	76.0	76.1
≥ 10000	44.8	69.8	72.7	74.3	75.6	75.9	76.4	76.7	76.7	77.1	77.2	77.3	77.4	77.4	77.5	77.7
≥ 9000	45.0	70.2	73.1	74.8	76.1	76.3	76.9	77.1	77.2	77.5	77.7	77.7	77.8	77.8	78.0	78.1
≥ 8000	45.7	71.3	74.3	75.9	77.2	77.5	78.1	78.3	78.3	78.7	78.9	78.9	79.0	79.0	79.1	79.3
≥ 7000	46.1	72.3	75.3	77.0	78.3	78.5	79.1	79.3	79.4	79.7	79.9	79.9	80.1	80.1	80.2	80.3
≥ 6000	46.7	73.2	76.2	77.9	79.2	79.4	80.0	80.3	80.3	80.7	80.9	80.9	81.0	81.0	81.1	81.3
≥ 5500	47.4	74.3	77.4	79.1	80.4	80.7	81.3	81.5	81.6	81.9	82.1	82.1	82.2	82.3	82.4	82.5
≥ 4500	47.8	74.9	78.0	79.7	81.0	81.3	81.9	82.1	82.2	82.5	82.7	82.7	82.9	82.9	83.0	83.1
≥ 4000	48.6	76.2	79.3	81.1	82.4	82.7	83.3	83.5	83.6	83.9	84.1	84.1	84.3	84.3	84.4	84.5
≥ 3500	49.4	77.5	80.6	82.3	83.7	83.9	84.6	84.8	84.9	85.2	85.4	85.4	85.5	85.5	85.7	85.8
≥ 3000	50.4	79.2	82.4	84.2	85.6	85.9	86.5	86.8	86.8	87.2	87.3	87.3	87.5	87.5	87.6	87.8
≥ 2500	51.2	80.6	83.8	85.7	87.1	87.4	88.0	88.3	88.3	88.7	88.9	88.9	89.0	89.0	89.1	89.3
≥ 2000	52.0	82.4	85.7	87.7	89.1	89.4	90.0	90.3	90.3	90.7	90.9	90.9	91.0	91.0	91.2	91.3
≥ 1800	52.4	83.0	86.3	88.3	89.7	90.0	90.7	90.9	91.0	91.3	91.5	91.5	91.7	91.7	91.8	91.9
≥ 1500	52.8	84.1	87.5	89.5	91.0	91.2	91.9	92.2	92.2	92.6	92.8	92.8	93.0	93.0	93.1	93.2
≥ 1200	53.3	85.4	88.9	90.9	92.5	92.8	93.5	93.8	93.8	94.2	94.4	94.4	94.5	94.5	94.7	94.8
≥ 1000	53.6	86.4	90.0	92.2	93.8	94.1	94.8	95.1	95.1	95.5	95.7	95.7	95.9	95.9	96.0	96.2
≥ 900	53.7	86.8	90.3	92.7	94.3	94.6	95.3	95.6	95.7	96.1	96.3	96.3	96.4	96.4	96.5	96.7
≥ 800	53.9	87.3	91.1	93.3	95.0	95.3	96.1	96.4	96.4	96.8	97.0	97.0	97.2	97.2	97.3	97.5
≥ 700	53.9	87.6	91.5	93.7	95.5	95.7	96.5	96.9	96.9	97.3	97.5	97.5	97.7	97.7	97.8	98.0
≥ 600	54.0	87.9	91.8	94.2	95.9	96.2	97.0	97.4	97.4	97.9	98.0	98.1	98.2	98.2	98.3	98.5
≥ 500	54.0	88.0	92.0	94.4	96.3	96.6	97.4	97.8	97.9	98.3	98.5	98.5	98.7	98.7	98.8	99.0
≥ 400	54.0	88.1	92.1	94.6	96.5	96.8	97.7	98.1	98.1	98.6	98.8	98.8	99.0	99.0	99.1	99.3
≥ 300	54.0	88.2	92.2	94.7	96.6	96.9	97.8	98.2	98.3	98.8	99.0	99.0	99.2	99.2	99.3	99.5
≥ 200	54.0	88.2	92.2	94.7	96.6	97.0	97.9	98.3	98.4	98.9	99.1	99.1	99.3	99.3	99.5	99.7
≥ 100	54.0	88.2	92.2	94.7	96.7	97.0	98.0	98.4	98.4	99.0	99.2	99.2	99.4	99.4	99.6	99.8
0	54.0	88.2	92.2	94.7	96.7	97.0	98.0	98.4	98.4	99.0	99.2	99.2	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 26469

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) NOV (MONTH)

ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅜	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.6	50.5	53.0	54.7	56.2	56.4	57.1	57.5	57.5	57.9	58.2	58.2	58.4	58.4	58.6	59.0
≥ 20000	35.7	55.8	58.5	60.4	62.0	62.3	63.0	63.4	63.5	64.0	64.2	64.2	64.5	64.5	64.7	65.1
≥ 18000	35.9	56.0	58.8	60.6	62.3	62.5	63.2	63.7	63.7	64.2	64.5	64.5	64.7	64.7	64.9	65.3
≥ 16000	36.2	56.4	59.2	61.0	62.7	62.9	63.7	64.1	64.1	64.6	64.9	64.9	65.1	65.1	65.3	65.8
≥ 14000	36.7	57.4	60.1	62.0	63.7	63.9	64.7	65.1	65.2	65.7	65.9	65.9	66.2	66.2	66.3	66.8
≥ 12000	37.8	59.3	62.1	64.1	65.8	66.1	66.9	67.3	67.4	67.9	68.1	68.1	68.4	68.4	68.6	69.0
≥ 10000	38.7	61.1	64.1	66.0	67.8	68.1	68.9	69.4	69.4	70.0	70.2	70.2	70.5	70.5	70.6	71.1
≥ 9000	39.0	61.8	64.7	66.7	68.6	68.8	69.7	70.1	70.2	70.7	71.0	71.0	71.2	71.2	71.4	71.9
≥ 8000	39.5	62.8	65.9	67.9	69.8	70.1	71.0	71.4	71.5	72.0	72.3	72.3	72.5	72.6	72.7	73.2
≥ 7000	40.1	64.1	67.2	69.3	71.2	71.5	72.5	72.9	73.0	73.5	73.8	73.8	74.1	74.1	74.2	74.7
≥ 6000	40.7	65.2	68.4	70.6	72.6	72.9	73.8	74.3	74.3	74.9	75.2	75.2	75.4	75.4	75.6	76.1
≥ 5000	41.6	67.0	70.2	72.4	74.5	74.8	75.7	76.2	76.3	76.8	77.1	77.1	77.4	77.4	77.6	78.0
≥ 4500	41.9	67.6	70.9	73.2	75.2	75.5	76.5	77.0	77.1	77.6	77.9	77.9	78.2	78.2	78.3	78.8
≥ 4000	42.7	69.1	72.9	74.8	76.9	77.2	78.2	78.7	78.8	79.4	79.7	79.7	79.9	79.9	80.1	80.6
≥ 3500	43.4	70.4	73.8	76.2	78.3	78.6	79.7	80.2	80.3	80.9	81.2	81.2	81.4	81.4	81.6	82.1
≥ 3000	44.2	72.0	75.6	77.9	80.1	80.5	81.5	82.1	82.1	82.7	83.0	83.0	83.3	83.3	83.5	83.9
≥ 2500	45.2	73.8	77.5	79.9	82.1	82.5	83.6	84.1	84.2	84.8	85.1	85.1	85.4	85.4	85.6	86.0
≥ 2000	46.4	76.2	80.1	82.6	84.9	85.3	86.4	87.0	87.1	87.7	88.0	88.0	88.3	88.3	88.5	88.9
≥ 1800	46.7	76.9	80.8	83.4	85.7	86.1	87.2	87.8	87.8	88.5	88.8	88.8	89.1	89.1	89.3	89.8
≥ 1500	47.2	78.3	82.3	85.0	87.4	87.8	89.0	89.6	89.7	90.3	90.6	90.6	90.9	90.9	91.1	91.6
≥ 1200	47.6	79.6	83.8	86.6	89.1	89.5	90.8	91.4	91.4	92.1	92.4	92.4	92.7	92.7	92.9	93.4
≥ 1000	47.7	80.6	84.8	87.8	90.4	90.8	92.1	92.7	92.8	93.5	93.8	93.8	94.1	94.1	94.3	94.8
≥ 900	47.8	80.9	85.3	88.2	90.9	91.3	92.7	93.3	93.3	94.1	94.4	94.4	94.7	94.7	94.9	95.4
≥ 800	47.9	81.3	85.8	88.9	91.6	92.0	93.4	94.0	94.1	94.9	95.2	95.2	95.5	95.5	95.7	96.2
≥ 700	48.0	81.7	86.3	89.4	92.2	92.7	94.1	94.8	94.8	95.6	95.9	95.9	96.3	96.3	96.5	96.9
≥ 600	48.0	81.8	86.6	89.8	92.6	93.1	94.6	95.3	95.4	96.2	96.5	96.5	96.9	96.9	97.1	97.5
≥ 500	48.0	82.0	86.8	90.1	93.1	93.6	95.2	95.9	96.0	96.9	97.2	97.2	97.6	97.6	97.8	98.3
≥ 400	48.0	82.1	86.9	90.3	93.3	93.9	95.5	96.3	96.4	97.3	97.6	97.7	98.0	98.0	98.2	98.7
≥ 300	48.0	82.1	86.9	90.3	93.4	94.0	95.7	96.4	96.5	97.5	97.9	97.9	98.3	98.3	98.5	99.0
≥ 200	48.0	82.1	86.9	90.3	93.4	94.0	95.7	96.5	96.6	97.7	98.1	98.1	98.5	98.6	98.8	99.4
≥ 100	48.0	82.1	86.9	90.3	93.4	94.0	95.8	96.5	96.6	97.7	98.1	98.2	98.6	98.7	98.9	99.6
≥ 0	48.0	82.1	86.9	90.3	93.4	94.0	95.8	96.6	96.6	97.7	98.2	98.2	98.7	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 25632

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

SPEEDILOG® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	24.6	41.1	43.3	44.6	45.8	45.9	46.6	46.8	46.9	47.2	47.4	47.4	47.6	47.6	47.8	48.2
≥ 20000	27.3	46.2	48.8	50.4	51.8	51.9	52.6	52.9	53.0	53.4	53.6	53.6	53.8	53.8	54.0	54.4
≥ 18000	27.4	46.4	49.0	50.6	52.0	52.1	52.8	53.2	53.2	53.6	53.8	53.9	54.0	54.1	54.3	54.6
	27.6	46.8	49.4	51.0	52.4	52.5	53.3	53.6	53.6	54.1	54.3	54.3	54.5	54.5	54.7	55.1
≥ 14[illegible]	28.1	47.7	50.4	52.1	53.5	53.7	54.4	54.7	54.8	55.2	55.4	55.4	55.6	55.6	55.8	56.2
≥ 12000	29.1	49.8	52.6	54.4	55.9	56.0	56.8	57.1	57.2	57.6	57.8	57.9	58.0	58.1	58.3	58.6
≥ 10000	30.0	51.4	54.3	56.2	57.7	57.8	58.7	59.0	59.1	59.5	59.7	59.7	59.9	59.9	60.1	60.5
≥ 9000	30.3	52.0	55.0	56.9	58.4	58.6	59.4	59.7	59.8	60.2	60.5	60.5	60.7	60.7	60.9	61.3
≥ 8000	30.8	53.3	56.4	58.4	59.9	60.1	61.0	61.3	61.4	61.8	62.1	62.1	62.3	62.3	62.5	62.9
≥ 7000	31.6	54.7	57.9	59.9	61.5	61.7	62.6	63.0	63.0	63.5	63.7	63.7	63.9	63.9	64.1	64.5
≥ 6000	32.2	56.0	59.4	61.5	63.1	63.3	64.2	64.6	64.7	65.2	65.4	65.4	65.6	65.6	65.8	66.2
≥ 5000	33.0	57.8	61.3	63.5	65.2	65.4	66.4	66.8	66.9	67.4	67.6	67.6	67.8	67.8	68.0	68.4
≥ 4500	33.4	58.6	62.1	64.4	66.2	66.4	67.4	67.8	67.9	68.4	68.6	68.7	68.9	68.9	69.1	69.5
≥ 4000	34.1	60.1	63.8	66.2	68.1	68.3	69.3	69.8	69.8	70.3	70.6	70.6	70.8	70.8	71.0	71.4
≥ 3500	34.6	61.2	65.0	67.5	69.5	69.7	70.7	71.2	71.3	71.8	72.0	72.0	72.2	72.3	72.5	72.9
≥ 3000	35.4	63.1	67.1	69.8	71.8	72.1	73.2	73.7	73.7	74.3	74.5	74.5	74.7	74.8	75.0	75.4
≥ 2500	36.3	65.2	69.3	72.1	74.3	74.5	75.7	76.2	76.2	76.8	77.1	77.1	77.3	77.3	77.5	77.9
≥ 2000	37.4	67.6	71.9	74.9	77.2	77.5	78.8	79.3	79.3	79.9	80.2	80.2	80.4	80.5	80.7	81.1
≥ 1800	37.7	68.5	72.9	75.9	78.3	78.6	79.9	80.4	80.4	81.0	81.3	81.3	81.6	81.6	81.8	82.2
≥ 1500	38.5	70.4	75.1	78.3	80.9	81.2	82.6	83.1	83.2	83.8	84.1	84.1	84.3	84.3	84.6	85.0
≥ 1200	39.1	72.1	77.0	80.5	83.3	83.6	85.0	85.6	85.7	86.3	86.6	86.6	86.9	86.9	87.1	87.5
≥ 1000	39.4	73.3	78.4	82.2	85.2	85.5	87.1	87.7	87.8	88.5	88.8	88.8	89.0	89.1	89.3	89.7
≥ 900	39.6	73.9	79.1	82.9	86.0	86.4	88.1	88.7	88.7	89.5	89.8	89.8	90.1	90.1	90.3	90.7
≥ 800	39.8	74.5	79.9	83.9	87.1	87.5	89.3	90.0	90.0	90.8	91.1	91.1	91.4	91.4	91.6	92.1
≥ 700	39.9	75.1	80.6	84.7	88.0	88.3	90.4	91.1	91.2	92.0	92.4	92.4	92.6	92.7	92.9	93.3
≥ 600	39.9	75.5	81.2	85.3	88.9	89.4	91.5	92.3	92.4	93.3	93.6	93.6	93.9	93.9	94.1	94.6
≥ 500	40.0	75.8	81.7	86.0	89.8	90.4	92.6	93.6	93.6	94.6	95.1	95.1	95.4	95.4	95.6	96.1
≥ 400	40.0	75.9	81.9	86.4	90.3	91.0	93.4	94.5	94.6	95.7	96.2	96.2	96.5	96.6	96.8	97.3
≥ 300	40.0	76.0	82.0	86.5	90.5	91.2	93.8	94.9	95.0	96.3	96.9	96.9	97.3	97.3	97.6	98.1
≥ 200	40.0	76.0	82.0	86.5	90.6	91.3	94.0	95.1	95.3	96.7	97.3	97.3	97.8	97.9	98.3	98.8
≥ 100	40.0	76.0	82.0	86.5	90.6	91.3	94.0	95.2	95.3	96.8	97.5	97.6	98.1	98.2	98.6	99.3
0	40.0	76.0	82.0	86.5	90.6	91.3	94.0	95.2	95.3	96.8	97.5	97.6	98.2	98.2	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 26422

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

STEELFORM® BY MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS/LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	20.9	41.2	44.0	45.4	46.6	46.7	47.2	47.3	47.4	47.6	47.6	47.6	47.8	47.8	47.8	48.2
≥ 20000	22.4	44.6	47.8	49.5	50.9	51.0	51.6	51.7	51.8	51.9	52.0	52.0	52.2	52.2	52.2	52.6
≥ 18000	22.6	45.0	48.1	49.9	51.3	51.3	51.9	52.1	52.1	52.3	52.3	52.3	52.5	52.5	52.5	53.0
≥ 16000	22.8	45.3	48.4	50.2	51.5	51.6	52.2	52.3	52.4	52.6	52.6	52.6	52.8	52.8	52.8	53.3
≥ 14000	23.3	46.4	49.6	51.4	52.7	52.8	53.4	53.5	53.6	53.8	53.8	53.8	54.0	54.0	54.0	54.4
≥ 12000	23.8	47.9	51.3	53.3	54.7	54.8	55.4	55.6	55.6	55.8	55.8	55.8	56.0	56.0	56.0	56.5
≥ 10000	24.3	49.4	52.8	54.7	56.2	56.3	56.9	57.1	57.1	57.3	57.4	57.4	57.5	57.5	57.6	58.0
≥ 9000	24.5	49.9	53.4	55.4	56.9	56.9	57.6	57.8	57.8	58.0	58.0	58.0	58.2	58.2	58.2	58.7
≥ 8000	25.1	51.0	54.7	56.6	58.1	58.2	58.9	59.0	59.1	59.3	59.3	59.3	59.5	59.5	59.5	59.9
≥ 7000	25.6	52.4	56.4	58.3	59.9	60.0	60.7	60.8	60.9	61.1	61.1	61.1	61.3	61.3	61.3	61.7
≥ 6000	26.4	54.1	58.0	60.0	61.7	61.7	62.4	62.6	62.7	62.8	62.9	62.9	63.1	63.1	63.1	63.5
≥ 5000	27.0	55.6	59.8	61.8	63.6	63.6	64.3	64.5	64.5	64.7	64.7	64.7	64.9	64.9	65.0	65.4
≥ 4500	27.3	56.2	60.4	62.5	64.4	64.5	65.1	65.3	65.4	65.5	65.6	65.6	65.8	65.8	65.8	66.2
≥ 4000	27.8	57.4	61.8	64.0	66.0	66.0	66.7	66.9	66.9	67.1	67.1	67.1	67.4	67.4	67.4	67.8
≥ 3500	28.0	58.4	62.8	65.1	67.1	67.2	67.9	68.1	68.1	68.3	68.3	68.3	68.6	68.6	68.6	69.1
≥ 3000	28.7	59.8	64.4	66.8	68.8	68.9	69.6	69.9	69.9	70.1	70.1	70.1	70.3	70.3	70.4	70.9
≥ 2500	29.4	61.6	66.4	69.0	71.2	71.3	72.2	72.5	72.5	72.7	72.8	72.8	73.0	73.0	73.0	73.5
≥ 2000	30.4	64.5	69.4	72.2	74.8	74.9	75.8	76.1	76.1	76.3	76.4	76.4	76.6	76.6	76.7	77.1
≥ 1800	30.9	65.7	70.7	73.5	76.1	76.2	77.1	77.4	77.4	77.7	77.7	77.7	77.9	77.9	78.0	78.4
≥ 1500	31.5	67.8	73.3	76.3	79.1	79.2	80.1	80.4	80.5	80.7	80.7	80.7	80.9	80.9	81.0	81.5
≥ 1200	32.0	70.9	76.6	79.9	82.8	82.9	84.0	84.3	84.3	84.6	84.6	84.6	84.8	84.8	84.9	85.4
≥ 1000	32.3	72.9	79.0	82.6	85.7	85.8	87.0	87.3	87.4	87.7	87.7	87.7	88.0	88.0	88.1	88.6
≥ 900	32.3	73.1	79.4	83.0	86.2	86.3	87.5	87.9	87.9	88.3	88.3	88.3	88.6	88.6	88.6	89.1
≥ 800	32.4	74.1	80.6	84.4	87.6	87.8	89.1	89.5	89.5	89.9	89.9	89.9	90.2	90.2	90.3	90.8
≥ 700	32.5	74.7	81.5	85.5	88.8	89.0	90.6	91.0	91.0	91.4	91.4	91.4	91.7	91.7	91.8	92.3
≥ 600	32.5	75.1	82.0	86.2	89.7	89.9	91.6	92.0	92.0	92.5	92.5	92.5	92.8	92.8	92.9	93.4
≥ 500	32.6	75.7	82.8	87.1	90.8	91.0	92.8	93.2	93.3	93.9	94.0	94.0	94.3	94.3	94.4	94.9
≥ 400	32.6	75.9	83.2	87.8	91.5	91.7	93.6	94.1	94.2	94.8	94.9	94.9	95.2	95.2	95.3	95.9
≥ 300	32.6	76.0	83.4	88.2	92.2	92.4	94.6	95.1	95.3	95.9	96.0	96.0	96.4	96.4	96.5	97.1
≥ 200	32.6	76.0	83.4	88.4	92.6	92.7	94.9	95.7	95.8	96.7	97.0	97.0	97.5	97.5	97.6	98.2
≥ 100	32.6	76.0	83.4	88.4	92.6	92.7	95.0	95.7	95.8	96.8	97.2	97.2	97.8	97.8	98.3	98.9
0	32.6	76.0	83.4	88.4	92.6	92.7	95.0	95.7	95.8	96.8	97.2	97.2	97.9	97.9	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 3213

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

SPEEDFLO® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FT)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NCEILING	17.9	36.5	38.8	40.8	42.3	42.3	42.9	43.1	43.1	43.3	43.3	43.3	43.5	43.5	43.7	44.2
≥ 20000	19.1	39.2	41.9	44.1	45.6	45.6	46.3	46.6	46.6	46.8	46.8	46.8	47.0	47.0	47.3	47.7
≥ 18000	19.4	39.4	42.2	44.3	45.8	45.9	46.6	46.9	46.9	47.1	47.1	47.1	47.3	47.3	47.6	48.0
≥ 16000	19.6	39.7	42.5	44.6	46.2	46.3	47.0	47.2	47.3	47.5	47.5	47.5	47.7	47.7	47.9	48.4
≥ 14000	20.1	40.6	43.4	45.6	47.2	47.2	47.9	48.2	48.2	48.4	48.5	48.5	48.6	48.6	48.9	49.3
≥ 12000	20.6	41.6	44.5	47.0	48.7	48.8	49.4	49.7	49.8	49.9	50.0	50.0	50.2	50.2	50.4	50.9
≥ 10000	21.1	43.5	46.5	49.0	50.8	50.9	51.6	51.9	51.9	52.1	52.1	52.1	52.4	52.4	52.6	53.1
≥ 9000	21.3	44.2	47.2	49.8	51.6	51.7	52.4	52.7	52.7	52.9	53.0	53.0	53.2	53.2	53.4	53.9
≥ 8000	21.8	45.6	48.6	51.3	53.1	53.2	53.9	54.2	54.3	54.5	54.5	54.5	54.7	54.7	55.0	55.5
≥ 7000	22.3	46.8	49.9	52.6	54.4	54.5	55.4	55.7	55.7	55.9	56.0	56.0	56.2	56.2	56.5	56.9
≥ 6000	22.8	48.1	51.4	54.2	56.0	56.1	57.0	57.4	57.4	57.6	57.7	57.7	57.9	57.9	58.2	58.6
≥ 5000	23.7	50.2	53.6	56.5	58.5	58.6	59.5	59.9	59.9	60.1	60.2	60.2	60.4	60.4	60.7	61.1
≥ 4500	24.0	50.8	54.3	57.2	59.2	59.3	60.3	60.6	60.6	60.8	60.9	60.9	61.1	61.2	61.4	61.9
≥ 4000	24.7	52.2	55.7	58.6	60.7	60.8	61.8	62.2	62.3	62.5	62.6	62.6	62.8	62.8	63.1	63.5
≥ 3500	25.0	53.6	57.2	60.2	62.4	62.5	63.5	63.9	64.0	64.2	64.3	64.3	64.5	64.5	64.8	65.2
≥ 3000	25.4	55.0	58.6	61.8	64.2	64.3	65.4	65.9	65.9	66.1	66.2	66.2	66.5	66.5	66.7	67.2
≥ 2500	26.0	57.1	60.8	64.1	66.6	66.7	68.0	68.4	68.5	68.7	68.8	68.8	69.1	69.1	69.4	69.9
≥ 2000	27.3	60.3	64.5	68.0	70.6	70.7	72.1	72.6	72.6	72.8	72.9	72.9	73.2	73.2	73.5	74.0
≥ 1800	27.8	61.4	65.8	69.4	72.1	72.2	73.7	74.1	74.1	74.3	74.4	74.4	74.7	74.8	75.0	75.5
≥ 1500	28.6	63.9	68.7	72.5	75.2	75.4	76.9	77.3	77.4	77.6	77.7	77.7	78.1	78.1	78.4	78.9
≥ 1200	29.0	66.2	71.5	75.5	78.6	78.8	80.3	80.8	80.8	81.1	81.2	81.2	81.6	81.7	81.9	82.4
≥ 1000	29.2	67.7	73.0	77.3	80.5	80.6	82.4	83.0	83.0	83.3	83.4	83.4	83.8	83.9	84.2	84.7
≥ 900	29.3	68.0	73.6	78.0	81.3	81.6	83.5	84.0	84.1	84.4	84.5	84.5	84.9	85.0	85.2	85.7
≥ 800	29.4	69.0	74.6	79.2	82.7	83.0	85.1	85.6	85.6	86.0	86.1	86.1	86.5	86.6	86.8	87.4
≥ 700	29.5	70.0	75.8	80.7	84.3	84.6	86.9	87.5	87.5	87.8	88.0	88.0	88.4	88.5	88.7	89.3
≥ 600	29.6	70.6	76.9	82.1	86.0	86.2	88.6	89.2	89.2	89.7	89.8	89.8	90.4	90.5	90.7	91.3
≥ 500	29.6	71.0	77.5	82.8	86.9	87.1	89.6	90.2	90.3	90.7	91.0	91.0	91.5	91.6	91.9	92.6
≥ 400	29.6	71.3	77.9	83.5	87.8	88.2	90.8	91.4	91.5	92.0	92.3	92.3	92.8	92.9	93.2	93.9
≥ 300	29.6	71.5	78.4	84.2	88.6	89.0	91.8	92.5	92.6	93.3	93.6	93.6	94.2	94.3	94.7	95.5
≥ 200	29.6	71.6	78.5	84.4	88.9	89.4	92.2	93.1	93.2	94.1	94.6	94.7	95.3	95.4	95.9	96.7
≥ 100	29.6	71.6	78.5	84.4	88.9	89.4	92.3	93.3	93.4	94.5	95.2	95.2	96.1	96.2	97.1	98.1
≥ 0	29.6	71.6	78.5	84.4	88.9	89.4	92.3	93.3	93.4	94.5	95.2	95.3	96.3	96.5	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 3226

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

STEGLITZ® MOORE BUSINESS FORMS, INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JAN (MONTH)

0600-0800 (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.1	25.8	28.1	30.2	31.8	32.1	33.1	33.9	34.0	34.6	34.8	34.8	34.9	35.0	35.2	35.7
≥ 20000	15.3	29.3	32.3	34.7	36.6	37.0	38.2	39.2	39.3	40.0	40.2	40.2	40.5	40.5	40.8	41.3
< 18000	15.4	29.4	32.4	34.8	36.7	37.1	38.3	39.3	39.4	40.2	40.4	40.4	40.7	40.7	41.0	41.5
≥ 6000	15.6	29.7	32.8	35.2	37.0	37.5	38.6	39.7	39.8	40.6	40.7	40.8	41.1	41.1	41.4	41.9
< 14000	16.1	30.5	33.6	36.1	38.0	38.5	39.6	40.7	40.8	41.6	41.9	41.9	42.2	42.2	42.6	43.1
≥ 12000	16.8	32.8	36.1	38.8	40.8	41.3	42.5	43.6	43.7	44.6	44.9	44.9	45.2	45.2	45.6	46.1
< 10000	17.4	34.4	38.0	40.7	42.8	43.3	44.5	45.6	45.7	46.6	46.9	46.9	47.2	47.3	47.6	48.2
≥ 9000	17.6	35.2	38.8	41.6	43.7	44.2	45.4	46.5	46.6	47.6	47.8	47.9	48.2	48.2	48.6	49.1
< 8000	18.3	36.6	40.5	43.3	45.6	46.1	47.4	48.4	48.6	49.6	49.9	49.9	50.3	50.3	50.6	51.2
≥ 7000	19.1	37.9	42.0	44.9	47.2	47.7	49.2	50.3	50.4	51.5	51.8	51.8	52.1	52.2	52.5	53.1
< 6000	19.7	39.5	43.7	46.8	49.1	49.6	51.2	52.3	52.4	53.5	53.8	53.9	54.2	54.2	54.6	55.1
≥ 5000	20.6	41.2	45.6	48.9	51.5	52.0	53.8	54.9	55.1	56.3	56.6	56.6	57.0	57.0	57.3	57.9
< 4500	20.8	41.8	46.2	49.5	52.1	52.6	54.5	55.5	55.7	56.9	57.2	57.2	57.6	57.6	58.0	58.5
≥ 4000	21.4	43.1	47.6	51.0	53.6	54.2	56.0	57.2	57.3	58.6	58.9	58.9	59.3	59.4	59.7	60.3
< 3500	22.0	44.7	49.2	52.8	55.5	56.0	58.0	59.2	59.3	60.6	61.0	61.0	61.4	61.4	61.8	62.3
≥ 3000	22.5	46.2	51.0	54.6	57.5	58.1	60.1	61.3	61.4	62.8	63.1	63.1	63.5	63.6	63.9	64.5
< 2500	23.5	48.2	53.3	57.1	60.2	60.8	62.9	64.1	64.3	65.7	66.0	66.1	66.5	66.5	66.9	67.4
≥ 2000	24.7	50.9	56.2	60.2	63.5	64.2	66.5	67.7	67.8	69.3	69.6	69.7	70.1	70.1	70.5	71.1
< 1800	25.1	51.6	57.2	61.2	64.5	65.2	67.5	68.7	68.9	70.4	70.7	70.7	71.2	71.2	71.5	72.1
≥ 1500	26.0	54.2	60.1	64.1	67.7	68.4	70.9	72.2	72.3	73.9	74.2	74.3	74.7	74.7	75.1	75.7
< 1200	26.6	56.5	62.7	67.0	70.8	71.6	74.1	75.4	75.6	77.2	77.7	77.7	78.2	78.2	78.5	79.1
≥ 1000	27.1	58.5	64.9	69.6	73.8	74.6	77.4	78.8	78.9	80.7	81.1	81.1	81.6	81.7	82.0	82.6
< 900	27.2	59.2	65.9	70.7	75.0	75.8	78.7	80.2	80.3	82.1	82.6	82.6	83.1	83.2	83.5	84.2
≥ 800	27.4	60.5	67.7	72.9	77.3	78.2	81.4	82.9	83.1	85.0	85.5	85.5	86.0	86.1	86.5	87.1
< 700	27.5	61.0	68.3	73.9	78.5	79.5	83.1	84.6	84.8	86.7	87.3	87.3	87.9	87.9	88.3	88.9
≥ 600	27.5	61.6	69.1	74.9	79.6	80.6	84.3	86.0	86.1	88.1	88.8	88.8	89.4	89.4	89.8	90.4
< 500	27.5	61.9	69.6	75.5	80.6	81.7	85.6	87.3	87.5	89.7	90.3	90.4	91.0	91.1	91.5	92.2
≥ 400	27.5	62.2	69.9	76.1	81.3	82.5	86.4	88.3	88.4	90.8	91.5	91.6	92.3	92.3	92.8	93.6
< 300	27.5	62.2	70.0	76.3	81.6	82.9	87.0	89.0	89.2	91.8	92.7	92.8	93.5	93.6	94.1	95.2
≥ 200	27.5	62.2	70.0	76.4	81.8	83.0	87.2	89.4	89.5	92.6	93.8	93.9	94.8	94.9	95.6	96.9
< 100	27.5	62.2	70.0	76.4	81.8	83.0	87.3	89.5	89.7	92.8	94.1	94.3	95.3	95.4	96.3	98.0
0	27.5	62.2	70.0	76.4	81.8	83.0	87.3	89.5	89.7	92.9	94.2	94.3	95.4	95.6	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 3237

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

SPEEDFORM® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅜	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	20.5	31.1	32.9	34.2	35.3	35.5	35.8	36.0	36.0	36.3	36.3	36.3	36.3	36.3	36.3	36.4
≥ 20000	24.3	37.7	39.8	41.7	43.1	43.4	43.8	44.1	44.2	44.5	44.6	44.6	44.6	44.6	44.6	44.7
≥ 18000	24.5	37.8	40.0	41.8	43.2	43.5	43.9	44.3	44.3	44.7	44.7	44.7	44.8	44.8	44.8	44.8
≥ 16000	24.7	38.3	40.4	42.3	43.7	43.9	44.3	44.7	44.7	45.1	45.2	45.2	45.2	45.2	45.2	45.3
≥ 14000	25.4	39.3	41.5	43.5	44.9	45.2	45.6	46.0	46.0	46.5	46.6	46.6	46.6	46.6	46.6	46.7
≥ 12000	26.2	41.2	43.7	45.7	47.2	47.6	48.0	48.4	48.5	48.9	49.0	49.0	49.0	49.0	49.1	49.2
≥ 10000	26.9	42.4	45.1	47.2	48.9	49.2	49.7	50.1	50.2	50.6	50.7	50.7	50.7	50.7	50.8	50.9
≥ 9000	27.3	43.0	45.7	47.8	49.5	49.9	50.4	50.8	50.8	51.3	51.4	51.4	51.4	51.4	51.5	51.5
≥ 8000	28.2	44.4	47.4	49.6	51.4	51.8	52.3	52.7	52.7	53.2	53.3	53.3	53.3	53.3	53.4	53.4
≥ 7000	29.1	46.0	49.3	51.5	53.4	53.8	54.4	54.9	55.0	55.4	55.6	55.6	55.6	55.6	55.7	55.7
≥ 6000	29.9	47.5	50.9	53.2	55.2	55.7	56.3	56.9	56.9	57.4	57.5	57.5	57.6	57.6	57.7	57.7
≥ 5000	30.8	49.0	52.7	55.0	57.2	57.7	58.4	58.9	59.0	59.6	59.7	59.7	59.8	59.8	59.9	59.9
≥ 4500	31.1	49.6	53.3	55.7	58.0	58.5	59.2	59.7	59.8	60.4	60.5	60.5	60.6	60.6	60.7	60.7
≥ 4000	31.7	50.7	54.6	57.1	59.4	59.9	60.8	61.3	61.4	62.0	62.2	62.2	62.3	62.3	62.4	62.4
≥ 3500	31.8	51.3	55.2	57.8	60.2	60.7	61.6	62.2	62.3	62.9	63.1	63.1	63.2	63.2	63.2	63.3
≥ 3000	32.9	53.2	57.3	60.0	62.6	63.1	64.0	64.5	64.7	65.3	65.5	65.5	65.6	65.6	65.7	65.8
≥ 2500	34.2	55.4	59.6	62.4	65.0	65.6	66.4	67.0	67.1	67.9	68.0	68.0	68.1	68.1	68.2	68.3
≥ 2000	36.1	58.6	63.1	65.9	68.8	69.4	70.3	71.0	71.1	71.8	72.0	72.0	72.1	72.1	72.1	72.3
≥ 1800	36.6	59.8	64.3	67.1	70.2	70.7	71.6	72.3	72.4	73.1	73.3	73.3	73.4	73.4	73.5	73.6
≥ 1500	37.6	62.6	67.3	70.3	73.5	74.1	75.1	75.8	75.9	76.6	76.8	76.8	76.9	76.9	77.0	77.1
≥ 1200	39.3	66.5	71.3	74.6	78.0	78.6	79.6	80.4	80.5	81.3	81.5	81.5	81.6	81.6	81.7	81.8
≥ 1000	39.8	69.1	74.3	77.9	81.5	82.1	83.2	84.1	84.2	85.2	85.5	85.5	85.5	85.5	85.7	85.8
≥ 900	40.0	69.8	75.2	78.8	82.6	83.3	84.5	85.4	85.5	86.6	86.9	86.9	87.0	87.0	87.1	87.2
≥ 800	40.1	70.5	76.1	79.9	84.0	84.7	86.1	87.1	87.2	88.4	88.7	88.7	88.8	88.9	89.0	89.1
≥ 700	40.2	71.0	76.8	80.8	85.1	85.9	87.4	88.6	88.7	90.0	90.4	90.4	90.5	90.6	90.7	90.8
≥ 600	40.5	71.7	77.7	81.7	86.3	87.2	88.8	90.1	90.2	91.8	92.1	92.1	92.3	92.3	92.5	92.6
≥ 500	40.5	71.9	78.1	82.3	87.2	88.1	90.0	91.6	91.8	93.6	94.0	94.0	94.2	94.3	94.4	94.6
≥ 400	40.5	72.1	78.3	82.7	87.8	88.9	91.1	92.8	93.1	95.2	95.6	95.6	95.8	95.9	96.0	96.2
≥ 300	40.5	72.1	78.3	82.7	87.9	89.2	91.6	93.7	94.0	96.5	97.3	97.3	97.5	97.5	97.7	98.0
≥ 200	40.5	72.1	78.3	82.7	87.9	89.2	91.8	93.9	94.3	97.0	98.0	98.1	98.5	98.6	98.9	99.3
≥ 100	40.5	72.1	78.3	82.7	87.9	89.2	91.8	93.9	94.3	97.0	98.1	98.2	98.6	98.8	99.[illegible]	99.6
0	40.5	72.1	78.3	82.7	87.9	89.2	91.8	93.9	94.3	97.0	98.2	98.2	98.7	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 3238

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

SPECIALTY MOORE BUSINESS FORMS, INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER S_RVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	30.1	37.1	37.9	38.2	38.5	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 20000	37.0	46.8	47.7	48.5	48.9	48.9	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 18000	37.1	47.1	47.9	48.7	49.1	49.1	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 16000	37.4	47.5	48.3	49.1	49.5	49.5	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 14000	38.3	49.0	49.8	50.6	51.0	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 12000	39.2	51.0	51.9	52.8	53.2	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 10000	40.2	52.8	53.9	54.7	55.2	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 9000	40.6	53.5	54.6	55.4	55.9	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 8000	41.7	55.1	56.3	57.1	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 7000	42.9	56.7	58.1	59.0	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 6000	44.1	58.3	59.8	60.8	61.4	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 5000	45.4	60.4	62.1	63.2	64.0	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 4500	46.2	61.7	63.4	64.5	65.3	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 4000	47.3	63.4	65.3	66.4	67.2	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6
≥ 3500	48.4	64.9	66.7	67.9	68.7	68.8	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 3000	50.4	67.9	69.8	71.1	72.0	72.1	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 2500	52.5	71.3	73.3	74.7	75.6	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2
≥ 2000	54.7	74.6	76.9	78.4	79.3	79.5	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1800	55.3	75.8	78.2	79.7	80.7	80.9	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4
≥ 1500	56.2	78.0	80.5	82.3	83.4	83.6	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1200	57.4	80.9	83.6	85.7	87.0	87.2	87.6	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1000	58.0	82.3	85.3	87.5	89.0	89.3	89.8	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 900	58.2	83.1	86.3	88.8	90.3	90.6	91.2	91.5	91.5	91.6	91.8	91.8	91.8	91.8	91.8	91.8
≥ 800	58.3	83.6	87.0	89.6	91.3	91.8	92.5	92.9	92.9	93.0	93.3	93.3	93.3	93.3	93.4	93.4
≥ 700	58.4	84.0	87.5	90.4	92.4	92.9	93.7	94.1	94.2	94.3	94.6	94.6	94.7	94.7	94.7	94.7
≥ 600	58.4	84.1	87.8	90.7	92.9	93.5	94.4	94.8	94.9	95.1	95.4	95.4	95.4	95.4	95.5	95.5
≥ 500	58.4	84.4	88.1	91.3	93.9	94.5	95.7	96.4	96.5	97.1	97.5	97.5	97.6	97.6	97.7	97.7
≥ 400	58.5	84.4	88.3	91.4	94.3	95.1	96.4	97.2	97.4	98.4	98.8	98.8	98.9	98.9	98.9	98.9
≥ 300	58.5	84.5	88.3	91.6	94.5	95.3	96.6	97.5	97.7	98.8	99.2	99.2	99.4	99.4	99.4	99.4
≥ 200	58.5	84.5	88.3	91.6	94.5	95.3	96.6	97.5	97.7	99.0	99.7	99.7	99.8	99.9	99.9	99.9
≥ 100	58.5	84.5	88.3	91.6	94.5	95.3	96.6	97.5	97.7	99.0	99.7	99.7	99.8	99.9	99.9	100.0
0	58.5	84.5	88.3	91.6	94.5	95.3	96.6	97.5	97.7	99.0	99.7	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3236

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

SPEEDIDOG® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.3	41.1	41.7	42.2	42.2	42.2	42.4	42.4	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 20000	41.9	51.5	52.2	52.7	52.9	52.9	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 18000	42.4	52.0	52.7	53.2	53.4	53.4	53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 16000	42.8	52.6	53.4	53.8	54.0	54.0	54.2	54.2	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 14000	43.9	54.1	54.9	55.4	55.6	55.6	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 12000	44.9	56.1	57.0	57.5	57.7	57.7	57.8	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 10000	46.1	57.9	58.7	59.2	59.5	59.5	59.7	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 9000	46.5	58.5	59.4	60.0	60.2	60.3	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 8000	48.0	60.7	61.7	62.3	62.5	62.6	62.8	62.9	62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1
≥ 7000	49.3	63.0	64.1	64.7	65.0	65.0	65.3	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 6000	50.2	64.5	65.5	66.3	66.6	66.7	67.0	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 5000	51.8	67.3	68.5	69.3	69.7	69.9	70.3	70.3	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.6
≥ 4500	52.7	68.4	69.8	70.6	71.0	71.1	71.5	71.6	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8
≥ 4000	53.5	70.2	71.5	72.4	72.9	73.1	73.5	73.6	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8
≥ 3500	54.4	71.9	73.3	74.2	74.7	74.9	75.3	75.4	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7
≥ 3000	55.9	74.4	75.9	76.9	77.5	77.7	78.2	78.2	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5
≥ 2500	56.9	76.2	77.8	79.0	79.7	79.9	80.4	80.5	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8
≥ 2000	57.8	78.8	80.5	82.0	83.0	83.3	83.8	83.9	83.9	84.0	84.1	84.2	84.2	84.2	84.2	84.2
≥ 1800	58.0	79.7	81.5	83.0	84.0	84.2	84.8	84.9	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1500	58.7	81.5	83.4	85.0	86.2	86.5	87.1	87.2	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1200	59.1	82.9	85.1	86.8	88.1	88.4	89.1	89.2	89.3	89.5	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1000	59.3	84.1	86.6	88.5	90.1	90.5	91.3	91.5	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9
≥ 900	59.3	84.3	86.8	88.8	90.5	91.0	91.8	92.1	92.2	92.4	92.6	92.6	92.6	92.6	92.6	92.6
≥ 800	59.4	84.9	87.6	89.9	91.8	92.3	93.3	93.6	93.7	93.9	94.3	94.3	94.3	94.4	94.4	94.4
≥ 700	59.5	85.3	88.2	90.7	92.7	93.2	94.4	94.7	94.9	95.1	95.5	95.5	95.6	95.6	95.6	95.6
≥ 600	59.5	85.5	88.7	91.2	93.3	94.0	95.2	95.6	95.8	96.1	96.5	96.5	96.7	96.7	96.7	96.7
≥ 500	59.6	85.8	89.0	91.6	93.9	94.6	96.0	96.5	96.7	97.2	97.7	97.7	97.8	97.9	97.9	97.9
≥ 400	59.6	85.9	89.2	91.9	94.3	95.1	96.7	97.4	97.6	98.4	98.9	98.9	99.1	99.2	99.2	99.2
≥ 300	59.6	86.0	89.2	91.9	94.4	95.2	96.8	97.6	97.8	98.8	99.4	99.4	99.6	99.6	99.7	99.7
≥ 200	59.6	86.0	89.2	91.9	94.5	95.2	96.8	97.7	97.9	98.9	99.5	99.5	99.8	99.8	99.9	99.9
≥ 100	59.6	86.0	89.2	91.9	94.5	95.2	96.8	97.7	97.9	98.9	99.5	99.5	99.8	99.8	100.0	100.0
≥ 0	59.6	86.0	89.2	91.9	94.5	95.2	96.8	97.7	97.9	98.9	99.5	99.5	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3236

USAF ETAC FORM JUL 68 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SPEEDLOG® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	28.9	45.9	48.1	49.1	49.8	49.8	50.0	50.1	50.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 20000	31.8	52.0	54.6	55.9	56.6	56.7	56.9	57.0	57.0	57.3	57.3	57.3	57.4	57.4	57.4	57.4
≥ 18000	32.0	52.5	55.0	56.3	57.1	57.1	57.3	57.5	57.5	57.7	57.7	57.7	57.8	57.8	57.8	57.8
≥ 16000	32.4	53.0	55.6	56.9	57.7	57.7	57.9	58.1	58.1	58.3	58.3	58.3	58.4	58.4	58.4	58.4
≥ 14000	32.7	53.9	56.5	57.8	58.6	58.6	58.9	59.0	59.0	59.2	59.2	59.2	59.3	59.3	59.3	59.3
≥ 12000	33.3	55.5	58.2	59.5	60.4	60.4	60.6	60.8	60.8	61.0	61.0	61.0	61.1	61.1	61.1	61.1
≥ 10000	34.5	57.6	60.4	61.7	62.5	62.6	62.8	63.0	63.0	63.2	63.2	63.2	63.3	63.3	63.3	63.3
≥ 9000	34.6	58.0	60.8	62.2	63.0	63.0	63.3	63.4	63.4	63.7	63.7	63.7	63.8	63.8	63.8	63.8
≥ 8000	35.3	59.7	62.6	64.0	64.8	64.9	65.2	65.3	65.3	65.5	65.5	65.5	65.6	65.6	65.6	65.6
≥ 7000	36.2	61.3	64.3	65.9	66.7	66.8	67.1	67.2	67.2	67.5	67.5	67.5	67.6	67.6	67.6	67.6
≥ 6000	37.4	63.3	66.4	68.0	69.0	69.1	69.4	69.5	69.5	69.8	69.8	69.8	69.9	69.9	69.9	69.9
≥ 5000	38.3	65.8	69.2	71.0	72.0	72.1	72.5	72.6	72.6	72.9	72.9	72.9	73.0	73.0	73.0	73.0
≥ 4500	38.5	66.7	70.2	72.1	73.1	73.2	73.5	73.7	73.7	74.0	74.0	74.0	74.1	74.1	74.1	74.1
≥ 4000	39.2	68.3	71.9	73.9	75.0	75.1	75.4	75.6	75.6	75.9	75.9	75.9	76.0	76.0	76.0	76.0
≥ 3500	39.8	69.7	73.4	75.5	76.7	76.8	77.1	77.3	77.3	77.6	77.6	77.6	77.7	77.7	77.7	77.7
≥ 3000	40.5	71.2	75.0	77.2	78.5	78.6	79.0	79.3	79.3	79.6	79.7	79.7	79.8	79.8	79.8	79.8
≥ 2500	41.4	73.5	77.6	80.2	81.6	81.7	82.0	82.4	82.4	82.7	82.8	82.8	82.9	82.9	82.9	82.9
≥ 2000	42.1	75.6	79.9	82.8	84.3	84.4	84.8	85.3	85.3	85.6	85.6	85.6	85.7	85.7	85.7	85.7
≥ 1800	42.3	76.3	80.7	83.6	85.1	85.3	85.7	86.1	86.1	86.4	86.5	86.5	86.6	86.6	86.6	86.6
≥ 1500	42.6	77.6	82.3	85.3	86.9	87.2	87.6	88.0	88.0	88.3	88.4	88.4	88.5	88.5	88.5	88.5
≥ 1200	42.9	79.1	84.1	87.2	88.9	89.2	89.7	90.2	90.2	90.5	90.6	90.6	90.7	90.7	90.7	90.7
≥ 1000	42.9	80.1	85.2	88.6	90.4	90.8	91.5	92.0	92.0	92.4	92.4	92.4	92.6	92.6	92.6	92.6
≥ 900	42.9	80.3	85.6	89.0	90.8	91.2	91.9	92.5	92.5	92.9	92.9	92.9	93.1	93.1	93.1	93.1
≥ 800	43.0	80.8	86.2	89.9	91.9	92.3	93.0	93.7	93.7	94.1	94.2	94.2	94.3	94.3	94.4	94.4
≥ 700	43.1	81.1	86.8	90.5	92.5	92.9	93.7	94.5	94.5	94.9	95.0	95.0	95.2	95.2	95.3	95.3
≥ 600	43.1	81.4	87.2	91.0	93.1	93.6	94.5	95.4	95.4	95.8	95.9	95.9	96.1	96.2	96.2	96.2
≥ 500	43.1	81.7	87.5	91.5	93.8	94.3	95.5	96.4	96.4	96.9	97.1	97.1	97.3	97.3	97.4	97.4
≥ 400	43.2	81.8	87.7	91.7	94.4	94.9	96.1	97.1	97.1	97.8	98.0	98.0	98.2	98.3	98.3	98.3
≥ 300	43.2	81.8	87.7	91.7	94.6	95.1	96.6	97.6	97.6	98.5	98.7	98.7	99.0	99.0	99.1	99.1
≥ 200	43.2	81.8	87.7	91.8	94.7	95.3	96.8	97.9	97.9	98.8	99.0	99.0	99.4	99.4	99.6	99.6
≥ 100	43.2	81.8	87.7	91.8	94.7	95.3	96.8	97.9	97.9	98.8	99.1	99.1	99.5	99.6	99.8	99.9
≥ 0	43.2	81.8	87.7	91.8	94.7	95.3	96.8	97.9	97.9	98.8	99.1	99.1	99.5	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3231

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

STEPHENS HOUSE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.4	45.9	48.8	50.5	51.5	51.5	51.8	51.8	51.8	51.9	52.0	52.0	52.1	52.1	52.2	52.4
≥ 20000	26.9	50.2	53.3	55.1	56.1	56.1	56.5	56.6	56.6	56.7	56.8	56.8	56.8	56.8	56.9	57.2
≥ 18000	27.1	50.5	53.6	55.4	56.3	56.3	56.8	56.9	56.9	57.0	57.0	57.0	57.1	57.1	57.2	57.4
≥ 16000	27.3	50.7	53.8	55.6	56.6	56.6	57.1	57.1	57.1	57.2	57.3	57.3	57.3	57.3	57.5	57.7
≥ 14000	27.8	52.1	55.2	57.0	58.0	58.0	58.5	58.6	58.6	58.7	58.7	58.7	58.8	58.8	58.9	59.1
≥ 12000	28.3	53.5	56.7	58.6	59.5	59.5	60.0	60.1	60.1	60.2	60.3	60.3	60.3	60.3	60.4	60.7
≥ 10000	28.8	54.7	57.9	59.9	60.9	60.9	61.4	61.5	61.5	61.6	61.7	61.7	61.8	61.8	61.9	62.1
≥ 9000	29.1	55.4	58.7	60.6	61.6	61.6	62.2	62.2	62.2	62.3	62.4	62.4	62.5	62.5	62.7	62.9
≥ 8000	29.7	57.0	60.4	62.4	63.4	63.4	64.0	64.0	64.0	64.1	64.2	64.2	64.3	64.3	64.5	64.7
≥ 7000	30.4	58.5	62.1	64.2	65.3	65.3	65.8	65.9	65.9	66.0	66.1	66.1	66.2	66.2	66.3	66.6
≥ 6000	31.5	60.2	63.8	66.0	67.2	67.2	67.7	67.8	67.8	67.9	68.0	68.0	68.1	68.1	68.3	68.5
≥ 5000	32.4	62.1	65.9	68.3	69.4	69.4	70.0	70.1	70.1	70.2	70.3	70.3	70.4	70.4	70.6	70.8
≥ 4500	32.6	63.0	66.8	69.1	70.4	70.4	71.0	71.1	71.1	71.2	71.3	71.3	71.4	71.4	71.6	71.8
≥ 4000	33.3	64.8	68.7	71.3	72.6	72.6	73.2	73.3	73.3	73.4	73.5	73.5	73.6	73.6	73.8	74.0
≥ 3500	33.7	65.9	69.9	72.5	73.8	73.8	74.4	74.5	74.5	74.7	74.7	74.7	74.9	74.9	75.1	75.3
≥ 3000	34.3	67.4	71.7	74.4	75.8	75.8	76.5	76.7	76.7	76.8	76.9	76.9	77.1	77.1	77.3	77.5
≥ 2500	35.1	69.3	73.7	76.5	78.1	78.1	78.9	79.0	79.0	79.3	79.4	79.4	79.6	79.6	79.7	79.9
≥ 2000	35.8	71.3	76.2	79.3	80.9	80.9	81.8	82.1	82.1	82.4	82.4	82.4	82.6	82.7	82.8	83.0
≥ 1800	36.0	72.1	77.1	80.2	81.8	81.8	82.7	83.0	83.0	83.3	83.4	83.4	83.6	83.6	83.8	84.0
≥ 1500	36.6	73.9	79.3	82.5	84.3	84.3	85.3	85.7	85.7	86.0	86.1	86.1	86.3	86.3	86.5	86.7
≥ 1200	37.1	76.3	81.9	85.3	87.1	87.2	88.2	88.6	88.6	88.9	89.0	89.0	89.2	89.3	89.4	89.6
≥ 1000	37.2	77.7	83.5	87.1	89.1	89.2	90.3	90.7	90.7	91.2	91.3	91.3	91.5	91.5	91.7	91.9
≥ 900	37.2	78.1	84.0	87.6	89.7	89.8	90.9	91.3	91.3	91.8	91.9	91.9	92.2	92.2	92.4	92.6
≥ 800	37.3	78.5	84.6	88.2	90.4	90.6	91.8	92.3	92.3	92.9	93.0	93.0	93.2	93.2	93.4	93.6
≥ 700	37.3	79.3	85.7	89.5	91.7	92.0	93.3	93.8	93.8	94.4	94.5	94.5	94.7	94.8	94.9	95.1
≥ 600	37.3	79.6	86.0	89.9	92.2	92.6	94.0	94.6	94.6	95.2	95.3	95.3	95.6	95.6	95.8	96.0
≥ 500	37.4	79.7	86.2	90.3	92.7	93.0	94.6	95.2	95.2	95.8	95.9	95.9	96.2	96.2	96.4	96.6
≥ 400	37.4	79.8	86.4	90.5	93.1	93.5	95.2	95.9	95.9	96.6	96.7	96.7	97.1	97.1	97.3	97.5
≥ 300	37.4	80.0	86.6	90.7	93.4	93.9	95.7	96.4	96.4	97.1	97.2	97.2	97.6	97.6	97.9	98.1
≥ 200	37.4	80.0	86.6	90.8	93.6	94.1	96.2	97.1	97.1	97.9	98.1	98.1	98.5	98.6	98.9	99.1
≥ 100	37.4	80.0	86.6	90.8	93.7	94.1	96.3	97.1	97.1	98.0	98.3	98.3	98.8	98.9	99.3	99.7
0	37.4	80.0	86.6	90.8	93.7	94.1	96.3	97.1	97.1	98.0	98.3	98.3	98.8	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 3221

USAF ETAC FORM JUL 54 0-14 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

STEGOLOG® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	22.3	44.5	47.0	48.7	49.5	49.5	50.3	50.4	50.4	50.5	50.5	50.5	50.6	50.6	50.7	50.8
≥ 20000	23.8	47.9	50.7	52.8	53.6	53.6	54.5	54.6	54.6	54.8	54.8	54.8	54.9	54.9	55.1	55.1
≥ 18000	24.2	48.7	51.5	53.6	54.5	54.5	55.3	55.4	55.4	55.6	55.6	55.6	55.7	55.7	55.9	56.0
≥ 16000	24.6	49.2	52.1	54.2	55.0	55.0	55.9	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.4	56.5
≥ 14000	24.8	50.5	53.4	55.6	56.5	56.5	57.4	57.5	57.5	57.7	57.7	57.7	57.8	57.8	58.0	58.0
≥ 12000	25.7	52.3	55.4	57.7	58.6	58.6	59.5	59.6	59.6	59.8	59.8	59.8	59.9	59.9	60.1	60.1
≥ 10000	26.2	53.7	56.8	59.1	60.0	60.0	60.9	61.0	61.0	61.2	61.2	61.2	61.3	61.3	61.5	61.5
≥ 9000	26.6	54.7	57.8	60.1	61.0	61.0	61.9	62.0	62.0	62.2	62.2	62.2	62.3	62.3	62.5	62.6
≥ 8000	27.4	56.5	59.6	61.9	62.9	62.9	63.9	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.4	64.5
≥ 7000	28.0	58.0	61.1	63.6	64.7	64.7	65.7	65.8	65.8	66.0	66.0	66.0	66.1	66.1	66.3	66.4
≥ 6000	28.9	59.8	63.0	65.5	66.8	66.8	67.8	67.9	67.9	68.1	68.1	68.1	68.2	68.2	68.4	68.4
≥ 5000	29.9	61.6	65.0	67.5	68.8	68.8	69.7	69.8	69.8	70.0	70.0	70.0	70.1	70.1	70.3	70.4
≥ 4500	30.3	62.7	66.1	68.7	69.9	69.9	70.9	71.0	71.0	71.3	71.3	71.3	71.4	71.4	71.6	71.6
≥ 4000	30.5	64.1	67.6	70.3	71.7	71.7	72.7	72.8	72.8	73.1	73.1	73.1	73.2	73.2	73.4	73.5
≥ 3500	30.8	65.6	69.2	71.9	73.3	73.3	74.3	74.4	74.4	74.8	74.8	74.8	74.8	74.8	75.1	75.1
≥ 3000	31.3	67.1	70.8	73.6	75.2	75.2	76.2	76.3	76.3	76.7	76.7	76.7	76.8	76.8	77.0	77.0
≥ 2500	31.9	68.7	72.6	75.5	77.2	77.3	78.4	78.5	78.5	78.8	78.8	78.8	78.9	78.9	79.1	79.1
≥ 2000	33.0	71.5	75.6	78.7	80.4	80.5	81.7	81.8	81.8	82.1	82.1	82.1	82.2	82.2	82.4	82.5
≥ 1800	33.2	72.5	76.7	79.9	81.6	81.7	82.8	82.9	82.9	83.3	83.3	83.3	83.4	83.4	83.6	83.7
≥ 1500	33.9	74.8	79.3	82.7	84.5	84.7	85.8	85.9	85.9	86.3	86.3	86.3	86.4	86.4	86.7	86.7
≥ 1200	34.2	76.8	81.5	85.1	87.2	87.3	88.6	88.7	88.7	89.1	89.1	89.1	89.2	89.2	89.6	89.6
≥ 1000	34.6	78.0	82.9	86.7	88.9	89.0	90.3	90.4	90.4	90.8	90.8	90.8	90.9	90.9	91.3	91.3
≥ 900	34.6	78.3	83.3	87.3	89.7	89.8	91.0	91.2	91.2	91.7	91.7	91.7	91.8	91.8	92.1	92.2
≥ 800	34.8	79.0	84.2	88.4	90.8	91.0	92.4	92.6	92.6	93.1	93.1	93.2	93.3	93.3	93.6	93.7
≥ 700	34.9	79.4	84.7	89.1	91.6	91.8	93.3	93.5	93.5	94.1	94.1	94.1	94.3	94.3	94.6	94.7
≥ 600	34.9	79.6	84.9	89.5	92.1	92.4	94.0	94.2	94.2	94.9	94.9	94.9	95.1	95.1	95.4	95.5
≥ 500	35.0	80.1	85.5	90.2	93.1	93.4	95.0	95.3	95.3	95.9	96.1	96.2	96.5	96.5	96.8	96.9
≥ 400	35.0	80.5	85.9	90.8	93.8	94.2	95.9	96.3	96.3	97.0	97.2	97.3	97.6	97.6	98.0	98.0
≥ 300	35.0	80.6	86.1	91.0	94.1	94.5	96.3	96.8	96.8	97.5	97.9	97.9	98.2	98.3	98.6	98.7
≥ 200	35.0	80.6	86.1	91.0	94.2	94.6	96.6	97.2	97.2	98.0	98.4	98.4	98.8	98.8	99.3	99.4
≥ 100	35.0	80.6	86.1	91.1	94.2	94.7	96.6	97.3	97.3	98.2	98.6	98.6	99.0	99.1	99.6	99.7
0	35.0	80.6	86.1	91.1	94.2	94.7	96.6	97.3	97.3	98.2	98.6	98.6	99.1	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2938

USAF ETAC FORM JUL 54 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SPERRY RAND MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (ST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	17.9	38.6	41.0	43.0	44.2	44.3	45.3	45.5	45.6	45.6	45.7	45.7	46.0	46.0	46.3	46.5
≥ 20000	19.2	41.1	43.7	45.9	47.1	47.3	48.3	48.6	48.6	48.8	48.8	48.8	49.1	49.1	49.5	49.6
≥ 18000	19.4	41.6	44.1	46.3	47.6	47.7	48.8	49.0	49.1	49.2	49.3	49.3	49.6	49.6	49.9	50.0
≥ 16000	19.8	42.3	44.9	47.1	48.4	48.5	49.6	49.8	49.9	50.0	50.1	50.1	50.4	50.4	50.7	50.8
≤ 14000	20.2	43.5	46.1	48.4	49.7	49.8	50.9	51.2	51.2	51.3	51.4	51.4	51.7	51.7	52.0	52.1
≥ 12000	21.1	45.3	48.0	50.5	51.9	52.0	53.2	53.4	53.5	53.6	53.7	53.7	54.0	54.0	54.3	54.4
≤ 10000	21.6	46.8	49.6	52.1	53.5	53.6	54.8	55.0	55.1	55.2	55.3	55.3	55.6	55.6	55.9	56.0
≥ 9000	21.9	47.5	50.3	52.9	54.3	54.4	55.5	55.8	55.8	56.0	56.0	56.0	56.3	56.3	56.6	56.8
≤ 8000	22.8	49.6	52.4	55.0	56.4	56.5	57.6	57.9	57.9	58.1	58.1	58.1	58.5	58.5	58.8	58.9
≥ 7000	23.2	50.9	53.9	56.6	58.0	58.2	59.4	59.7	59.7	59.9	60.0	60.0	60.3	60.3	60.6	60.7
≤ 6000	23.7	52.6	55.7	58.5	60.1	60.3	61.5	61.8	61.8	62.0	62.0	62.0	62.3	62.3	62.6	62.8
≥ 5000	24.6	54.5	57.8	60.7	62.3	62.5	63.7	64.0	64.0	64.2	64.2	64.2	64.6	64.6	64.9	65.0
≤ 4500	24.8	55.5	59.0	61.9	63.5	63.7	65.0	65.2	65.3	65.4	65.5	65.5	65.8	65.8	66.1	66.2
≥ 4000	25.4	57.3	60.9	63.9	65.7	65.9	67.2	67.6	67.6	67.8	67.9	67.9	68.2	68.2	68.5	68.6
≤ 3500	25.7	58.6	62.3	65.4	67.2	67.3	68.7	69.1	69.1	69.3	69.4	69.4	69.7	69.7	70.0	70.1
≥ 3000	26.4	60.4	64.2	67.6	69.6	69.7	71.1	71.4	71.5	71.7	71.8	71.8	72.1	72.1	72.4	72.5
≤ 2500	26.9	62.3	66.4	69.9	71.9	72.2	73.6	73.9	74.0	74.2	74.3	74.3	74.6	74.6	74.9	75.1
≥ 2000	27.7	64.9	69.3	72.9	75.1	75.3	76.8	77.1	77.2	77.4	77.5	77.5	77.8	77.8	78.1	78.3
≤ 1800	27.9	65.7	70.1	73.8	76.1	76.3	77.8	78.2	78.2	78.5	78.5	78.5	78.9	78.9	79.2	79.3
≥ 1500	28.1	67.7	72.3	76.5	78.9	79.2	80.7	81.1	81.1	81.4	81.4	81.4	81.8	81.8	82.1	82.2
≤ 1200	28.7	70.0	75.3	79.6	82.1	82.4	84.0	84.4	84.4	84.7	84.7	84.7	85.1	85.1	85.4	85.6
≥ 1000	29.2	71.7	77.3	81.8	84.5	84.8	86.6	87.0	87.0	87.3	87.4	87.4	87.7	87.8	88.1	88.2
≤ 900	29.3	72.0	77.7	82.3	85.0	85.3	87.2	87.6	87.6	87.9	88.0	88.0	88.4	88.4	88.8	88.9
≥ 800	29.5	73.2	79.1	83.9	86.8	87.2	89.1	89.6	89.6	89.9	90.0	90.0	90.4	90.5	90.8	90.9
≤ 700	29.6	73.7	79.8	84.6	87.6	88.0	90.1	90.7	90.7	91.0	91.1	91.1	91.5	91.6	92.0	92.1
≥ 600	29.6	74.3	80.6	85.6	88.9	89.3	91.5	92.1	92.1	92.6	92.7	92.7	93.1	93.2	93.6	93.7
≤ 500	29.7	74.6	81.2	86.5	90.1	90.6	93.0	93.7	93.7	94.2	94.4	94.4	94.9	95.0	95.3	95.4
≥ 400	29.7	74.8	81.4	87.0	90.8	91.5	94.1	94.9	94.9	95.4	95.7	95.7	96.3	96.4	96.8	96.9
≤ 300	29.7	74.9	81.7	87.3	91.3	92.0	94.9	95.6	95.7	96.4	96.7	96.7	97.3	97.4	97.8	97.9
≥ 200	29.8	75.0	81.8	87.6	91.6	92.3	95.3	96.0	96.1	96.8	97.2	97.2	98.0	98.2	98.6	98.7
≤ 100	29.8	75.0	81.8	87.6	91.6	92.3	95.3	96.1	96.1	96.9	97.5	97.6	98.6	98.8	99.2	99.5
≥ 0	29.8	75.0	81.8	87.6	91.6	92.3	95.3	96.1	96.1	96.9	97.6	97.7	98.7	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2934

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

STEPHENS MOORE BUSINESS FORMS, INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (MONTH)

0600-0800 (HOURS (ST))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	16.1	30.8	32.8	34.5	36.2	36.4	37.1	37.6	37.7	38.4	38.6	38.6	38.7	38.7	38.9	39.2
≥ 20000	16.9	34.4	36.8	39.0	41.0	41.3	42.1	42.6	42.8	43.7	43.9	43.9	44.1	44.1	44.3	44.8
≥ 18000	17.1	34.7	37.2	39.4	41.4	41.7	42.5	43.1	43.3	44.2	44.4	44.4	44.5	44.6	44.8	45.3
> 6700	17.4	35.2	37.7	39.9	42.0	42.3	43.1	43.7	43.8	44.8	45.0	45.0	45.1	45.2	45.4	45.8
≥ 14000	17.8	36.2	39.0	41.3	43.4	43.7	44.5	45.1	45.3	46.2	46.4	46.4	46.6	46.7	46.9	47.3
> 12000	18.5	37.9	40.7	43.2	45.5	45.8	46.7	47.3	47.5	48.5	48.7	48.7	48.9	48.9	49.1	49.6
≥ 10000	19.2	39.6	42.5	45.0	47.3	47.7	48.7	49.3	49.4	50.5	50.7	50.7	50.9	50.9	51.2	51.6
> 9000	19.4	40.1	43.1	45.7	48.1	48.4	49.4	50.0	50.2	51.2	51.4	51.4	51.6	51.7	51.9	52.4
≥ 8000	20.6	42.0	45.3	48.0	50.5	50.9	51.9	52.6	52.7	53.8	54.0	54.0	54.2	54.3	54.5	55.0
> 7000	20.9	43.4	46.9	49.7	52.4	52.7	53.8	54.5	54.7	55.8	56.0	56.0	56.1	56.2	56.4	56.9
≥ 6000	21.6	45.2	48.9	51.8	54.6	55.0	56.2	56.9	57.0	58.2	58.4	58.4	58.6	58.6	58.9	59.3
> 5000	22.6	47.0	50.9	54.0	56.9	57.3	58.5	59.3	59.4	60.7	60.9	60.9	61.0	61.1	61.3	61.8
≥ 4500	22.7	47.3	51.2	54.3	57.4	57.8	59.1	59.9	60.1	61.3	61.6	61.6	61.7	61.8	62.0	62.5
> 4000	23.4	48.8	52.8	56.3	59.4	59.9	61.2	62.1	62.2	63.6	63.8	63.8	64.0	64.0	64.3	64.8
≥ 3500	23.9	49.7	53.7	57.3	60.4	60.9	62.3	63.2	63.3	64.7	64.9	64.9	65.1	65.1	65.4	65.9
> 3000	24.7	51.4	55.5	59.3	62.5	63.0	64.5	65.4	65.5	66.9	67.1	67.1	67.3	67.4	67.7	68.2
≥ 2500	25.3	53.1	57.5	61.5	64.7	65.2	66.8	67.7	67.9	69.3	69.6	69.6	69.7	69.8	70.1	70.6
> 2000	26.5	56.5	61.1	65.4	68.8	69.3	71.1	72.1	72.2	73.7	74.0	74.0	74.2	74.3	74.6	75.1
≥ 1800	26.8	57.6	62.2	66.5	70.0	70.5	72.3	73.3	73.4	74.9	75.2	75.2	75.5	75.5	75.9	76.3
> 1500	27.5	59.6	64.5	69.1	72.7	73.3	75.3	76.3	76.5	78.1	78.4	78.4	78.7	78.7	79.1	79.6
≥ 1200	28.3	61.9	67.1	72.2	76.1	76.7	78.7	79.9	80.0	81.6	82.0	82.0	82.3	82.4	82.7	83.2
> 600	29.0	63.8	69.2	74.5	78.7	79.3	81.6	82.7	82.9	84.6	85.0	85.0	85.3	85.4	85.8	86.3
≥ 900	29.1	64.4	70.0	75.4	79.7	80.3	82.7	83.8	84.0	85.8	86.2	86.2	86.5	86.6	87.0	87.5
> 800	29.2	65.3	71.2	76.7	81.2	82.0	84.7	86.1	86.2	88.1	88.4	88.4	88.8	89.0	89.4	89.8
≥ 700	29.4	66.0	71.9	77.6	82.3	83.3	86.1	87.7	87.8	89.8	90.2	90.2	90.6	90.7	91.1	91.6
> 600	29.5	66.5	72.5	78.5	83.4	84.4	87.3	89.0	89.1	91.1	91.5	91.5	91.9	92.1	92.5	92.9
≥ 500	29.5	67.0	73.3	79.5	84.9	85.9	89.1	90.9	91.1	93.3	93.8	93.8	94.3	94.4	94.9	95.3
> 400	29.6	67.2	73.5	79.9	85.3	86.4	89.9	91.9	92.1	94.3	95.0	95.0	95.5	95.6	96.0	96.6
≥ 300	29.6	67.3	73.7	80.1	85.7	86.7	90.5	92.5	92.7	95.3	96.0	96.0	96.8	97.0	97.5	98.0
> 200	29.6	67.3	73.7	80.1	85.8	86.8	90.7	92.8	93.0	95.6	96.6	96.6	97.6	97.8	98.4	98.9
≥ 100	29.6	67.3	73.7	80.1	85.8	86.8	90.7	92.8	93.0	95.7	96.7	96.7	97.8	97.9	98.6	99.3
≥ 0	29.6	67.3	73.7	80.1	85.8	86.8	90.7	92.8	93.0	95.7	96.7	96.7	97.8	98.0	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2934

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

SPERRY MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	26.9	36.1	37.4	38.5	39.3	39.5	39.8	40.0	40.1	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 20000	31.2	42.8	44.7	46.0	47.1	47.4	47.8	48.1	48.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 18000	31.5	43.2	45.1	46.5	47.6	47.9	48.2	48.6	48.7	49.1	49.1	49.2	49.2	49.2	49.2	49.2
≥ 16000	31.9	43.7	45.6	47.0	48.1	48.4	48.7	49.1	49.2	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 14000	32.6	45.1	47.0	48.4	49.6	49.9	50.3	50.6	50.7	51.2	51.2	51.2	51.2	51.2	51.3	51.3
≥ 12000	33.8	47.0	49.1	50.5	51.7	52.1	52.6	53.0	53.1	53.5	53.5	53.6	53.6	53.6	53.6	53.6
≥ 10000	34.6	48.3	50.6	52.0	53.2	53.6	54.2	54.5	54.6	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 9000	34.9	49.0	51.5	52.9	54.1	54.5	55.0	55.3	55.4	55.9	55.9	56.0	56.0	56.0	56.0	56.0
≥ 8000	36.0	50.6	53.2	54.7	55.9	56.3	56.8	57.2	57.3	57.8	57.8	57.8	57.9	57.9	57.9	57.9
≥ 7000	36.7	52.2	54.8	56.4	57.9	58.3	58.8	59.1	59.3	59.7	59.7	59.8	59.9	59.9	59.9	59.9
≥ 6000	37.6	53.6	56.3	58.1	59.6	60.0	60.5	60.8	61.0	61.5	61.5	61.5	61.6	61.6	61.6	61.6
≥ 5000	38.2	55.0	57.9	59.7	61.3	61.7	62.2	62.6	62.7	63.2	63.2	63.2	63.4	63.4	63.4	63.4
≥ 4500	38.7	55.7	58.7	60.5	62.2	62.6	63.1	63.5	63.6	64.1	64.1	64.1	64.2	64.2	64.3	64.3
≥ 4000	39.5	57.3	60.4	62.2	64.0	64.4	65.0	65.3	65.4	65.9	66.0	66.0	66.1	66.1	66.1	66.1
≥ 3500	40.3	58.7	61.9	63.8	65.6	66.0	66.6	66.9	67.0	67.5	67.6	67.6	67.7	67.7	67.7	67.7
≥ 3000	41.8	61.1	64.4	66.4	68.2	68.6	69.2	69.6	69.7	70.2	70.3	70.3	70.4	70.4	70.4	70.4
≥ 2500	42.9	63.5	66.9	69.0	70.9	71.4	72.1	72.5	72.6	73.2	73.2	73.2	73.3	73.3	73.4	73.4
≥ 2000	45.1	67.4	71.0	73.3	75.4	76.0	76.9	77.4	77.5	78.0	78.1	78.1	78.2	78.2	78.2	78.2
≥ 1800	45.6	68.4	72.1	74.5	76.6	77.2	78.2	78.6	78.7	79.3	79.3	79.3	79.4	79.4	79.5	79.5
≥ 1500	46.7	71.4	75.3	77.9	80.2	80.8	81.8	82.2	82.4	82.9	82.9	83.0	83.1	83.1	83.1	83.1
≥ 1200	47.7	73.9	78.2	80.9	83.4	84.0	85.1	85.7	85.9	86.5	86.6	86.6	86.7	86.8	86.8	86.8
≥ 1000	48.3	75.9	80.4	83.3	86.1	86.7	87.9	88.6	88.7	89.5	89.6	89.7	89.8	89.9	89.9	89.9
≥ 900	48.4	76.4	81.1	84.2	87.0	87.7	89.0	89.6	89.8	90.7	90.8	90.9	91.0	91.1	91.1	91.1
≥ 800	48.7	77.3	82.2	85.7	88.7	89.4	90.9	91.6	91.8	92.7	92.9	92.9	93.1	93.1	93.2	93.2
≥ 700	48.8	77.8	82.8	86.4	89.5	90.4	91.9	92.7	92.9	93.9	94.0	94.1	94.2	94.3	94.3	94.3
≥ 600	49.0	78.3	83.3	87.2	90.8	91.7	93.3	94.3	94.4	95.5	95.7	95.7	95.8	95.9	95.9	95.9
≥ 500	49.1	78.6	83.7	87.8	91.7	92.7	94.5	95.6	95.7	96.9	97.2	97.3	97.4	97.5	97.5	97.5
≥ 400	49.1	78.7	83.8	88.1	92.1	93.3	95.1	96.3	96.5	97.9	98.2	98.2	98.4	98.5	98.5	98.5
≥ 300	49.1	78.7	83.9	88.2	92.3	93.4	95.4	96.7	96.9	98.4	98.8	98.8	99.0	99.2	99.3	99.3
≥ 200	49.1	78.7	83.9	88.2	92.3	93.4	95.4	96.8	97.0	98.6	99.1	99.1	99.4	99.6	99.7	99.8
≥ 100	49.1	78.7	83.9	88.2	92.3	93.4	95.4	96.8	97.0	98.6	99.1	99.1	99.5	99.6	99.8	99.9
≥ 0	49.1	78.7	83.9	88.2	92.3	93.4	95.4	96.8	97.0	98.6	99.1	99.1	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2936

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≤ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.1	40.4	40.8	41.1	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	[illegible]	41.4	41.4
≥ 20000	41.9	49.2	49.8	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	[illegible]	50.8	50.8
≥ 18000	42.4	49.7	50.4	51.0	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 16000	42.8	50.3	50.9	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 14000	43.9	51.9	52.5	53.2	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 12000	45.1	53.6	54.3	55.0	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 10000	46.7	55.5	56.2	56.9	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 9000	47.2	55.9	56.6	57.3	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 8000	48.1	57.4	58.2	58.8	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 7000	48.9	58.8	59.7	60.4	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 6000	50.0	60.9	61.8	62.6	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3
≥ 5000	50.7	62.4	63.4	64.2	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 4500	51.4	63.2	64.4	65.1	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 4000	53.3	66.0	67.3	68.1	68.9	68.9	69.1	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1
≥ 3500	55.0	68.4	69.8	70.8	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8
≥ 3000	58.1	72.7	74.2	75.4	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5
≥ 2500	60.3	75.8	77.3	78.6	79.6	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	[illegible]	79.9
≥ 2000	63.1	80.5	82.2	83.7	84.9	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	[illegible]	85.3
≥ 1800	63.7	81.8	83.8	85.3	86.5	86.6	86.9	87.0	87.0	87.0	87.0	[illegible]	[illegible]	87.0	87.0	87.0
≥ 1500	64.5	83.9	86.2	87.8	89.1	89.2	89.6	89.8	89.8	89.8	89.8	89.8	89.9	89.9	[illegible]	89.9
≥ 1200	64.9	85.3	87.8	89.6	91.0	91.2	91.7	91.9	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.1
≥ 1000	65.3	86.4	89.3	91.2	92.7	93.1	93.6	93.8	93.8	94.0	94.1	94.1	94.1	94.1	94.2	94.2
≥ 900	65.4	86.7	89.6	91.7	93.3	93.6	94.1	94.3	94.3	94.6	94.7	94.7	94.7	94.7	94.8	94.8
≥ 800	65.5	87.2	90.3	92.5	94.1	94.5	95.1	95.4	95.4	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 700	65.6	87.7	91.1	93.3	95.1	95.5	96.2	96.6	96.6	97.1	97.1	97.1	97.2	97.2	97.3	97.3
≥ 600	65.7	87.9	91.3	93.7	95.5	95.9	96.7	97.2	97.2	97.6	97.7	97.8	97.8	97.8	97.9	97.9
≥ 500	65.7	88.1	91.7	94.2	96.3	96.7	97.7	98.3	98.3	98.9	98.9	99.0	99.0	99.0	99.1	99.1
≥ 400	65.7	88.2	91.8	94.3	96.4	96.9	97.9	98.4	98.5	99.2	99.3	99.3	99.4	99.4	99.5	99.5
≥ 300	65.7	88.2	91.8	94.4	96.5	97.0	98.0	98.5	98.6	99.5	99.6	99.6	99.7	99.7	99.8	99.8
≥ 200	65.7	88.2	91.8	94.4	96.5	97.0	98.0	98.6	98.7	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 100	65.7	88.2	91.8	94.4	96.5	97.0	98.0	98.6	98.7	99.6	99.7	99.8	99.9	99.9	100.0	100.0
0	65.7	88.2	91.8	94.4	96.5	97.0	98.0	98.6	98.7	99.6	99.7	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2935

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

SPECIFOLD® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS/LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅜	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.2	43.9	44.2	44.5	44.7	44.7	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 20000	45.1	53.8	54.4	55.0	55.2	55.2	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 18000	45.5	54.2	54.8	55.4	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 16000	45.8	54.7	55.3	55.9	56.1	56.1	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 14000	47.2	56.6	57.2	57.8	58.0	58.0	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 12000	49.4	59.1	59.8	60.4	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 10000	50.9	61.0	61.7	62.4	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 9000	51.5	61.9	62.7	63.4	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 8000	52.5	63.4	64.3	65.0	65.3	65.3	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 7000	53.9	65.5	66.4	67.3	67.6	67.6	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 6000	55.2	67.4	68.3	69.1	69.5	69.5	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 5000	56.5	69.4	70.5	71.5	72.0	72.0	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 4500	57.4	70.9	72.0	73.1	73.5	73.6	73.8	73.8	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4000	59.8	74.1	75.3	76.5	77.0	77.1	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6
≥ 3500	61.3	75.9	77.2	78.5	79.2	79.2	79.5	79.6	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3000	63.2	79.0	80.3	81.8	82.4	82.5	82.8	82.9	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2500	64.5	81.0	82.5	84.1	84.8	84.9	85.2	85.3	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2000	65.6	83.2	84.9	86.9	87.6	87.8	88.2	88.3	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6
≥ 1800	65.8	83.5	85.3	87.5	88.5	88.6	89.0	89.2	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4
≥ 1500	66.2	84.8	86.8	89.1	90.1	90.3	90.8	91.0	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1200	66.6	85.9	87.9	90.4	91.6	91.8	92.4	92.7	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1000	66.8	86.6	89.0	91.7	92.9	93.1	93.8	94.1	94.1	94.4	94.4	94.5	94.5	94.5	94.5	94.5
≥ 900	66.8	86.9	89.4	92.2	93.4	93.7	94.4	94.7	94.7	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 800	66.9	87.0	89.7	92.6	93.9	94.1	94.9	95.3	95.3	95.7	95.8	95.9	95.9	95.9	95.9	95.9
≥ 700	67.0	87.6	90.3	93.2	94.7	94.9	95.7	96.1	96.1	96.5	96.7	96.8	96.8	96.8	96.8	96.8
≥ 600	67.0	87.6	90.5	93.6	95.1	95.5	96.3	96.8	96.8	97.3	97.4	97.6	97.6	97.6	97.6	97.6
≥ 500	67.0	87.8	90.6	93.9	95.5	95.9	96.8	97.5	97.6	98.3	98.7	98.8	98.8	98.8	98.8	98.8
≥ 400	67.0	87.9	90.8	94.1	95.8	96.2	97.2	98.1	98.1	98.9	99.3	99.4	99.5	99.5	99.5	99.5
≥ 300	67.0	88.0	90.9	94.2	96.0	96.4	97.5	98.4	98.4	99.3	99.7	99.8	99.9	99.9	99.9	99.9
≥ 200	67.0	88.0	90.9	94.2	96.0	96.5	97.5	98.5	98.5	99.4	99.8	99.9	100.0	100.0	100.0	100.0
≥ 100	67.0	88.0	90.9	94.2	96.0	96.5	97.5	98.5	98.5	99.4	99.8	99.9	100.0	100.0	100.0	100.0
≥ 0	67.0	88.0	90.9	94.2	96.0	96.5	97.5	98.5	98.5	99.4	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2927

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

SPEEDOTYPE ® MCBEE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	31.5	46.9	48.9	49.9	50.4	50.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 20000	35.8	53.8	56.1	57.2	58.0	58.0	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8
≥ 18000	36.0	54.1	56.4	57.6	58.3	58.4	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 16000	36.3	54.6	56.8	58.0	58.8	58.8	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 14000	36.8	56.0	58.4	59.6	60.3	60.4	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 12000	37.8	58.1	60.6	61.9	62.6	62.7	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 10000	38.9	60.0	62.6	63.8	64.7	64.7	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 9000	39.6	60.9	63.5	64.9	65.7	65.8	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 8000	40.8	62.9	65.6	67.1	67.9	68.0	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8
≥ 7000	41.8	64.9	67.7	69.2	70.1	70.2	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 6000	42.9	67.1	70.0	71.6	72.6	72.7	73.4	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 5000	43.8	69.6	72.8	74.4	75.5	75.5	76.3	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.6
≥ 4500	44.1	70.5	73.7	75.5	76.6	76.7	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4000	45.1	72.4	75.7	77.5	78.8	78.8	79.6	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3500	45.6	73.9	77.2	79.1	80.5	80.6	81.5	81.6	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8
≥ 3000	46.5	75.8	79.4	81.4	83.0	83.1	84.0	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2500	47.1	77.5	81.1	83.6	85.4	85.5	86.5	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	87.0
≥ 2000	47.8	79.3	83.0	85.7	87.7	87.8	88.8	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3
≥ 1800	48.0	80.0	83.8	86.5	88.5	88.6	89.7	90.0	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2
≥ 1500	48.4	81.1	84.9	87.8	89.9	90.0	91.2	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.8
≥ 1200	48.7	82.1	86.1	89.1	91.3	91.4	92.7	93.0	93.0	93.2	93.2	93.2	93.3	93.3	93.3	93.3
≥ 1000	48.9	82.7	86.8	90.0	92.3	92.4	93.8	94.1	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.4
≥ 900	48.9	83.0	87.2	90.3	92.7	92.8	94.3	94.6	94.6	94.8	94.8	94.8	94.9	94.9	94.9	94.9
≥ 800	49.0	83.5	87.8	91.1	93.4	93.5	95.0	95.3	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7
≥ 700	49.0	83.6	88.0	91.4	93.8	94.0	95.5	95.8	95.9	96.1	96.2	96.2	96.3	96.3	96.3	96.3
≥ 600	49.0	83.9	88.2	91.7	94.3	94.5	96.1	96.5	96.5	96.8	96.9	96.9	96.9	96.9	96.9	97.0
≥ 500	49.0	84.2	88.7	92.4	95.1	95.4	97.2	97.6	97.7	98.1	98.2	98.2	98.3	98.3	98.3	98.4
≥ 400	49.0	84.3	88.8	92.6	95.3	95.6	97.6	98.1	98.2	98.8	99.0	99.0	99.2	99.2	99.2	99.2
≥ 300	49.0	84.4	88.8	92.6	95.4	95.7	97.7	98.2	98.3	99.1	99.4	99.4	99.5	99.5	99.5	99.6
≥ 200	49.0	84.4	88.8	92.6	95.4	95.7	97.7	98.2	98.3	99.1	99.5	99.5	99.7	99.7	99.7	99.7
≥ 100	49.0	84.4	88.8	92.6	95.4	95.7	97.7	98.2	98.3	99.1	99.5	99.6	99.8	99.8	99.8	99.8
0	49.0	84.4	88.8	92.6	95.4	95.7	97.7	98.2	98.3	99.1	99.5	99.6	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2931

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

SPEEDFLO® MOORE BUSINESS FORMS INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.4	49.6	52.1	53.3	54.2	54.2	54.4	54.5	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7
≥ 20000	30.0	54.3	57.0	58.5	59.5	59.6	59.8	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 18000	30.5	54.8	57.6	59.0	60.1	60.1	60.3	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6
≥ 16000	30.8	55.5	58.2	59.7	60.7	60.8	61.0	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2
≥ 14000	31.0	56.4	59.4	60.9	62.1	62.1	62.3	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 12000	31.7	57.8	60.9	62.4	63.5	63.6	63.8	63.8	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0
≥ 10000	32.4	59.3	62.4	63.9	65.0	65.1	65.3	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 9000	32.9	60.1	63.3	64.9	66.0	66.0	66.3	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 8000	33.9	62.1	65.3	67.0	68.2	68.3	68.5	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8
≥ 7000	34.5	63.5	66.8	68.6	69.9	69.9	70.2	70.2	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 6000	35.5	65.4	68.7	70.5	71.8	71.9	72.2	72.2	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5
≥ 5000	36.0	67.3	70.8	72.9	74.3	74.4	74.7	74.8	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4500	36.3	68.2	71.9	74.0	75.5	75.5	75.9	76.0	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3
≥ 4000	36.6	69.5	73.4	75.5	77.1	77.1	77.5	77.6	77.7	77.9	78.0	78.0	78.0	78.0	78.0	78.0
≥ 3500	36.9	70.6	74.4	76.6	78.2	78.3	78.7	78.8	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.2
≥ 3000	37.6	72.4	76.5	78.9	80.6	80.7	81.3	81.4	81.5	81.6	81.7	81.8	81.8	81.8	81.8	81.8
≥ 2500	37.9	73.9	78.1	80.7	82.5	82.6	83.2	83.3	83.4	83.6	83.7	83.8	83.8	83.8	83.8	83.8
≥ 2000	39.0	76.8	81.1	83.8	85.9	86.0	86.6	86.7	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1800	39.4	77.8	82.3	85.0	87.2	87.3	87.9	87.9	88.0	88.4	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1500	39.9	79.3	84.0	87.0	89.2	89.3	89.9	90.0	90.1	90.4	90.5	90.6	90.6	90.6	90.6	90.6
≥ 1200	40.2	80.9	85.8	88.9	91.3	91.4	92.1	92.2	92.3	92.7	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1000	40.4	81.9	86.9	90.1	92.5	92.6	93.4	93.5	93.6	93.9	94.0	94.1	94.1	94.1	94.1	94.1
≥ 900	40.5	82.1	87.2	90.5	93.1	93.2	93.9	94.1	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	40.5	82.3	87.5	90.9	93.5	93.5	94.4	94.5	94.6	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 700	40.5	82.6	87.8	91.4	94.1	94.1	95.1	95.3	95.4	95.8	95.9	96.0	96.0	96.0	96.0	96.0
≥ 600	40.5	82.7	88.0	91.7	94.7	94.8	95.8	96.0	96.1	96.6	96.7	96.8	96.8	96.8	96.8	96.8
≥ 500	40.6	83.0	88.5	92.2	95.3	95.4	96.5	96.7	96.8	97.3	97.6	97.6	97.7	97.7	97.7	97.7
≥ 400	40.6	83.1	88.7	92.5	95.6	95.7	96.8	97.1	97.2	97.7	98.0	98.1	98.1	98.1	98.2	98.2
≥ 300	40.6	83.3	88.8	92.7	96.0	96.1	97.2	97.7	97.8	98.5	98.8	98.8	98.9	98.9	98.9	99.0
≥ 200	40.6	83.3	88.9	92.8	96.2	96.3	97.5	98.0	98.2	98.9	99.2	99.2	99.4	99.5	99.6	99.6
≥ 100	40.6	83.3	88.9	92.8	96.2	96.3	97.5	98.0	98.2	98.9	99.3	99.4	99.6	99.6	99.8	99.8
≥ 0	40.6	83.3	88.9	92.8	96.2	96.3	97.5	98.0	98.2	98.9	99.3	99.4	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2939

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

MOORE BUSINESS FORMS, INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.0	47.9	50.1	51.7	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.5
≥ 20000	28.9	52.2	54.7	56.5	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.6
≥ 18000	29.2	52.7	55.2	57.0	57.7	57.7	57.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	58.1
≥ 16000	29.5	53.2	55.7	57.5	58.2	58.2	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.6
≥ 14000	30.1	54.5	57.1	59.0	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.9	59.9	59.9	60.1
≥ 12000	30.7	56.2	58.9	60.8	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	62.1
≥ 10000	31.9	58.4	61.1	63.1	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.4
≥ 9000	32.2	58.8	61.6	63.7	64.5	64.5	64.6	64.6	64.6	64.6	64.7	64.7	64.8	64.8	64.8	64.9
≥ 8000	32.9	60.2	63.1	65.1	66.0	66.0	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.4
≥ 7000	33.9	61.8	64.8	66.9	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.3
≥ 6000	34.6	63.7	66.8	69.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.6
≥ 5000	35.2	65.5	69.0	71.5	72.7	72.7	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	73.1
≥ 4500	35.5	66.2	69.8	72.3	73.5	73.5	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.9
≥ 4000	35.9	67.6	71.3	73.9	75.1	75.1	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.5
≥ 3500	36.4	68.8	72.6	75.3	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.9
≥ 3000	36.8	70.5	74.4	77.2	78.4	78.4	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.8
≥ 2500	37.4	72.5	76.7	79.6	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.4
≥ 2000	38.7	75.7	80.0	83.1	84.5	84.6	84.7	84.7	84.7	84.7	84.8	84.8	84.9	84.9	84.9	85.1
≥ 1800	39.1	76.4	80.8	84.0	85.4	85.5	85.6	85.6	85.6	85.6	85.7	85.7	85.8	85.8	85.8	85.9
≥ 1500	39.9	78.5	83.0	86.4	88.1	88.1	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.6
≥ 1200	40.5	80.9	85.7	89.1	91.0	91.1	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.7
≥ 1000	40.6	82.0	86.9	90.7	92.9	93.0	93.2	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.7
≥ 900	40.8	82.5	87.4	91.5	93.8	93.9	94.1	94.2	94.2	94.3	94.4	94.4	94.5	94.5	94.5	94.7
≥ 800	40.9	82.8	87.7	91.8	94.2	94.3	94.6	94.7	94.7	94.8	94.9	94.9	95.0	95.0	95.0	95.2
≥ 700	40.9	83.2	88.1	92.3	94.8	94.8	95.2	95.3	95.3	95.5	95.6	95.6	95.7	95.7	95.7	95.9
≥ 600	41.0	83.7	88.7	93.0	95.5	95.6	96.0	96.2	96.2	96.4	96.5	96.5	96.6	96.6	96.6	96.8
≥ 500	41.0	84.0	89.0	93.5	96.2	96.3	96.8	97.0	97.0	97.4	97.5	97.5	97.6	97.6	97.7	97.9
≥ 400	41.0	84.1	89.3	93.9	96.7	96.8	97.4	97.7	97.7	98.1	98.2	98.2	98.3	98.3	98.4	98.6
≥ 300	41.0	84.1	89.4	94.0	97.0	97.1	97.9	98.2	98.2	98.6	98.8	98.8	98.8	98.9	99.0	99.2
≥ 200	41.0	84.1	89.5	94.1	97.2	97.3	98.2	98.5	98.6	99.0	99.2	99.2	99.3	99.3	99.4	99.6
≥ 100	41.0	84.1	89.5	94.1	97.2	97.4	98.2	98.6	98.6	99.0	99.3	99.3	99.4	99.5	99.6	99.8
0	41.0	84.1	89.5	94.1	97.2	97.4	98.2	98.6	98.6	99.0	99.3	99.3	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3124

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

SPEEDIFORM® MOORE BUSINESS FORMS, INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.3	41.4	44.4	46.2	47.7	48.1	48.3	48.5	48.5	48.7	48.7	48.8	49.0	49.0	49.0	49.2
≥ 20000	22.2	44.0	47.3	49.3	50.9	51.3	51.6	51.8	51.8	52.0	52.0	52.0	52.2	52.2	52.2	52.5
≥ 18000	22.3	44.2	47.5	49.5	51.1	51.5	51.8	52.0	52.0	52.3	52.3	52.3	52.5	52.5	52.5	52.8
≥ 16000	22.7	44.8	48.1	50.1	51.7	51.7	52.4	52.6	52.6	52.9	52.9	52.9	53.1	53.1	53.1	53.4
≥ 14000	23.4	46.1	49.5	51.5	53.2	53.2	53.8	54.1	54.1	54.3	54.3	54.3	54.5	54.5	54.5	54.8
≥ 12000	24.2	47.7	51.2	53.4	55.1	55.1	55.8	56.0	56.0	56.3	56.3	56.3	56.5	56.5	56.5	56.8
≥ 10000	25.1	49.6	53.2	55.4	57.2	57.2	57.9	58.1	58.1	58.4	58.4	58.4	58.6	58.6	58.6	58.9
≥ 9000	25.4	50.2	53.8	56.1	57.9	57.9	58.6	58.8	58.8	59.1	59.1	59.1	59.3	59.3	59.3	59.6
≥ 8000	26.4	52.1	55.8	58.3	60.1	60.2	60.9	61.1	61.1	61.4	61.4	61.4	61.6	61.6	61.7	62.0
≥ 7000	27.0	53.3	57.1	59.8	61.6	61.6	62.4	62.6	62.6	62.9	62.9	62.9	63.1	63.1	63.2	63.4
≥ 6000	27.5	54.6	58.7	61.5	63.3	63.3	64.0	64.3	64.3	64.6	64.6	64.6	64.8	64.8	64.9	65.1
≥ 5000	28.0	56.3	60.7	63.7	65.6	65.6	66.4	66.6	66.6	66.9	66.9	66.9	67.2	67.2	67.2	67.5
≥ 4500	28.2	57.0	61.4	64.5	66.4	66.5	67.2	67.5	67.5	67.8	67.8	67.8	68.1	68.1	68.1	68.4
≥ 4000	28.7	58.5	62.9	66.0	68.0	68.1	68.8	69.1	69.1	69.4	69.4	69.4	69.7	69.7	69.7	70.0
≥ 3500	28.9	59.5	64.0	67.1	69.2	69.3	70.0	70.3	70.3	70.6	70.6	70.6	70.9	70.9	70.9	71.2
≥ 3000	29.4	61.4	66.0	69.2	71.4	71.5	72.3	72.6	72.6	72.9	72.9	72.9	73.2	73.2	73.2	73.5
≥ 2500	30.1	63.1	68.0	71.2	73.5	73.5	74.4	74.7	74.7	75.0	75.0	75.0	75.3	75.3	75.3	75.6
≥ 2000	30.9	66.2	71.5	74.9	77.3	77.4	78.3	78.6	78.7	79.0	79.0	79.0	79.3	79.3	79.3	79.6
≥ 1800	31.2	67.3	72.6	76.2	78.6	78.7	79.6	79.9	79.9	80.3	80.3	80.3	80.6	80.6	80.6	80.9
≥ 1500	31.6	69.3	74.8	78.7	81.3	81.4	82.2	82.6	82.6	83.0	83.0	83.0	83.3	83.3	83.3	83.6
≥ 1200	32.4	72.2	78.0	82.2	85.0	85.0	85.9	86.3	86.4	86.7	86.8	86.8	87.1	87.1	87.1	87.4
≥ 1000	32.8	73.8	79.9	84.3	87.2	87.2	88.2	88.6	88.6	89.1	89.1	89.1	89.4	89.4	89.4	89.7
≥ 900	33.0	74.6	80.8	85.4	88.5	88.6	89.6	90.0	90.0	90.5	90.5	90.5	90.8	90.8	90.8	91.2
≥ 800	33.2	75.3	81.6	86.5	89.7	89.8	91.0	91.4	91.4	92.0	92.0	92.1	92.3	92.3	92.4	92.7
≥ 700	33.4	75.9	82.3	87.3	90.6	90.8	92.0	92.4	92.4	93.0	93.1	93.1	93.4	93.4	93.4	93.8
≥ 600	33.5	76.4	82.9	88.1	91.7	91.9	93.2	93.7	93.8	94.4	94.5	94.5	94.7	94.7	94.8	95.1
≥ 500	33.5	76.5	83.2	88.7	92.3	92.5	94.1	94.6	94.6	95.4	95.5	95.5	95.7	95.7	95.8	96.1
≥ 400	33.5	76.8	83.6	89.2	93.0	93.2	95.0	95.6	95.6	96.5	96.6	96.6	96.9	96.9	96.9	97.2
≥ 300	33.5	76.9	83.7	89.4	93.4	93.6	95.7	96.4	96.5	97.3	97.4	97.5	97.9	97.9	97.9	98 3
≥ 200	33.5	77.0	83.8	89.4	93.5	93.7	96.0	96.8	96.8	97.7	97.9	97.9	98.3	98.3	98.4	98.8
≥ 100	33.5	77.0	83.8	89.4	93.5	93.8	96.0	96.9	96.9	97.9	98.1	98.1	98.7	98.7	99.0	99.5
0	33.5	77.0	83.8	89.4	93.5	93.8	96.0	96.9	96.9	97.9	98.1	98.2	98.9	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 3121

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

SPECIMEN MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATE/NAME | 37-41,43-72 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ⅛	≥ 0
NO CEILING	17.6	31.7	34.8	36.9	39.1	39.4	40.3	40.9	41.0	41.6	41.7	41.7	41.7	41.7	41.8	41.9
≥ 20000	19.8	36.1	39.7	42.1	44.8	45.3	46.4	47.1	47.2	48.0	48.2	48.2	48.2	48.2	48.3	48.6
≥ 18000	20.0	36.6	40.2	42.6	45.3	45.8	47.0	47.7	47.8	48.6	48.7	48.7	48.8	48.8	48.9	49.1
≥ 16000	20.4	37.2	40.8	43.3	46.0	46.5	47.7	48.4	48.5	49.3	49.5	49.5	49.5	49.6	49.6	49.9
≥ 14000	21.1	38.5	42.2	44.8	47.5	48.0	49.2	49.9	50.0	50.8	51.0	51.0	51.1	51.1	51.2	51.4
≥ 12000	21.8	40.6	44.5	47.1	50.0	50.4	51.8	52.5	52.6	53.4	53.6	53.6	53.6	53.7	53.8	54.0
≥ 10000	22.7	42.4	46.3	49.1	52.1	52.6	53.9	54.7	54.8	55.5	55.7	55.7	55.8	55.8	55.9	56.2
≥ 9000	23.0	43.1	47.1	50.0	53.0	53.5	54.9	55.6	55.8	56.5	56.7	56.7	56.8	56.8	56.9	57.2
≥ 8000	23.8	44.6	48.8	51.9	55.1	55.6	57.0	57.8	57.9	58.7	58.9	58.9	58.9	58.9	59.0	59.3
≥ 7000	24.4	46.1	50.5	53.6	56.9	57.4	58.9	59.7	59.9	60.6	60.8	60.8	60.9	60.9	61.0	61.3
≥ 6000	25.0	47.3	51.8	55.0	58.5	59.1	60.6	61.5	61.6	62.5	62.7	62.7	62.7	62.8	62.9	63.1
≥ 5000	26.1	49.4	54.2	57.6	61.2	61.8	63.4	64.3	64.4	65.2	65.4	65.4	65.5	65.5	65.6	65.9
≥ 4500	26.4	49.8	54.6	58.0	61.7	62.3	63.9	64.8	64.9	65.7	65.9	65.9	66.0	66.0	66.1	66.4
≥ 4000	27.2	51.3	56.2	59.7	63.5	64.1	65.9	66.8	66.9	67.8	68.0	68.0	68.0	68.1	68.2	68.4
≥ 3500	27.7	52.1	57.2	60.7	64.6	65.2	67.1	68.0	68.2	69.0	69.2	69.2	69.2	69.3	69.4	69.6
≥ 3000	28.6	54.0	59.2	62.9	66.9	67.6	69.6	70.5	70.6	71.4	71.6	71.6	71.7	71.7	71.8	72.1
≥ 2500	29.4	55.8	61.1	65.0	69.1	69.8	71.9	72.8	73.0	73.8	74.0	74.0	74.1	74.1	74.2	74.5
≥ 2000	30.6	58.4	64.0	68.1	72.2	73.0	75.2	76.2	76.4	77.3	77.5	77.5	77.5	77.6	77.7	78.0
≥ 1800	30.9	59.6	65.2	69.4	73.5	74.3	76.5	77.5	77.7	78.6	78.8	78.8	78.9	78.9	79.0	79.3
≥ 1500	31.7	61.5	67.7	71.9	76.2	77.0	79.4	80.4	80.6	81.6	81.8	81.8	81.8	81.8	81.9	82.2
≥ 1200	32.1	63.2	69.8	74.5	79.1	79.9	82.4	83.5	83.6	84.7	84.9	84.9	84.9	85.0	85.1	85.3
≥ 1000	32.5	65.0	71.7	76.7	81.6	82.5	85.1	86.3	86.5	87.7	87.9	88.0	88.0	88.1	88.2	88.5
≥ 900	32.6	65.7	72.6	77.7	82.6	83.5	86.2	87.5	87.7	89.0	89.2	89.2	89.2	89.3	89.3	89.7
≥ 800	32.7	66.5	73.6	78.8	84.0	84.9	87.9	89.3	89.4	90.9	91.2	91.2	91.3	91.3	91.4	91.7
≥ 700	32.9	67.0	74.1	79.4	84.7	85.7	88.9	90.4	90.6	92.1	92.4	92.5	92.6	92.6	92.7	93.0
≥ 600	33.0	67.7	74.9	80.5	85.9	87.0	90.4	91.9	92.0	93.6	94.0	94.1	94.2	94.3	94.4	94.7
≥ 500	33.0	68.1	75.5	81.4	87.0	88.1	91.8	93.4	93.5	95.3	95.6	95.7	95.8	95.9	96.0	96.3
≥ 400	33.0	68.2	75.7	81.8	87.6	88.8	92.8	94.3	94.5	96.3	96.8	96.8	97.0	97.0	97.1	97.5
≥ 300	33.0	68.3	75.8	81.8	87.8	89.1	93.1	94.8	95.0	96.9	97.4	97.5	97.8	97.9	98.1	98.5
≥ 200	33.0	68.3	75.8	81.8	87.9	89.2	93.3	94.9	95.2	97.1	97.7	97.8	98.2	98.3	98.6	99.1
≥ 100	33.0	68.3	75.8	81.8	87.9	89.2	93.3	95.0	95.2	97.1	97.8	97.9	98.4	98.5	98.9	99.6
0	33.0	68.3	75.8	81.8	87.9	89.2	93.3	95.0	95.2	97.1	97.8	97.9	98.4	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2118

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

SPECIFIED BY MOORE BUSINESS FORMS, INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900- 100 (HOURS (L))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	30.8	41.1	42.5	43.1	43.7	43.8	43.9	44.0	44.0	44.1	44.2	44.2	44.2	44.2	44.2	44.3
≥ 20000	35.1	47.9	49.7	50.5	51.4	51.4	51.7	51.8	51.9	52.0	52.1	52.1	52.1	52.1	52.1	52.1
≥ 18000	35.2	48.2	49.9	50.7	51.6	51.6	51.9	52.1	52.1	52.2	52.3	52.3	52.3	52.3	52.3	52.4
≥ 16000	35.7	48.8	50.6	51.4	52.3	52.3	52.6	52.7	52.8	52.9	53.0	53.0	53.0	53.0	53.0	53.0
≥ 14000	36.5	50.1	51.9	52.7	53.6	53.7	54.0	54.1	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.4
≥ 12000	37.5	51.7	53.5	54.4	55.3	55.4	55.6	55.8	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.1
≥ 10000	38.7	53.7	55.6	56.5	57.4	57.4	57.7	57.9	57.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1
≥ 9000	39.1	54.2	56.2	57.1	58.0	58.0	58.3	58.5	58.5	58.7	58.7	58.8	58.8	58.8	58.8	58.8
≥ 8000	39.9	55.6	57.6	58.6	59.5	59.6	59.8	60.0	60.0	60.2	60.2	60.3	60.3	60.3	60.3	60.3
≥ 7000	40.7	56.9	59.0	60.2	61.1	61.2	61.5	61.6	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9
≥ 6000	41.4	58.5	60.6	61.9	62.9	63.0	63.3	63.5	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.9
≥ 5000	42.4	60.1	62.4	63.8	64.9	65.0	65.3	65.6	65.6	65.8	65.9	65.9	65.9	65.9	65.9	65.9
≥ 4500	43.2	61.3	63.8	65.2	66.4	66.5	66.8	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4
≥ 4000	44.4	63.2	65.8	67.3	68.5	68.6	69.0	69.2	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.6
≥ 3500	45.6	64.6	67.3	68.9	70.3	70.3	70.8	71.0	71.1	71.3	71.3	71.4	71.4	71.4	71.4	71.4
≥ 3000	47.6	67.5	70.5	72.1	73.5	73.5	74.0	74.3	74.3	74.5	74.6	74.6	74.6	74.6	74.6	74.6
≥ 2500	49.6	70.8	73.9	75.6	77.0	77.2	77.6	77.9	78.0	78.2	78.2	78.3	78.3	78.3	78.3	78.3
≥ 2000	51.3	74.3	77.6	79.3	81.0	81.2	81.7	82.0	82.0	82.3	82.3	82.4	82.4	82.4	82.4	82.4
≥ 1800	51.9	75.3	78.6	80.4	82.2	82.3	82.8	83.1	83.2	83.4	83.5	83.5	83.6	83.6	83.6	83.6
≥ 1500	52.9	77.7	81.2	83.3	85.1	85.3	85.9	86.2	86.2	86.5	86.6	86.6	86.7	86.7	86.7	86.7
≥ 1200	53.8	80.2	84.0	86.2	88.1	88.3	88.9	89.2	89.3	89.6	89.7	89.8	89.8	89.8	89.8	89.9
≥ 1000	54.4	82.1	86.2	88.5	90.7	90.9	91.6	91.9	92.0	92.4	92.5	92.5	92.6	92.6	92.6	92.6
≥ 900	54.8	82.9	87.1	89.5	91.6	91.9	92.6	92.9	93.0	93.3	93.5	93.5	93.6	93.6	93.6	93.6
≥ 800	55.0	83.6	87.9	90.5	92.7	93.0	93.9	94.2	94.3	94.7	94.9	95.0	95.0	95.0	95.1	95.1
≥ 700	55.1	84.1	88.6	91.3	93.8	94.1	95.1	95.5	95.6	96.0	96.3	96.3	96.4	96.4	96.4	96.4
≥ 600	55.2	84.4	89.0	91.8	94.6	94.9	96.2	96.5	96.6	97.2	97.5	97.5	97.6	97.6	97.6	97.7
≥ 500	55.2	84.6	89.3	92.3	95.2	95.6	96.9	97.4	97.6	98.3	98.6	98.6	98.7	98.7	98.7	98.8
≥ 400	55.2	84.6	89.4	92.4	95.4	95.8	97.2	97.8	98.0	98.8	99.1	99.1	99.3	99.3	99.3	99.3
≥ 300	55.2	84.6	89.4	92.4	95.4	95.9	97.4	98.0	98.2	99.0	99.4	99.5	99.7	99.7	99.7	99.7
≥ 200	55.2	84.6	89.4	92.4	95.4	95.9	97.4	98.1	98.3	99.1	99.6	99.6	99.8	99.8	99.8	99.9
≥ 100	55.2	84.6	89.4	92.4	95.4	95.9	97.4	98.1	98.3	99.1	99.6	99.6	99.8	99.8	99.9	100.0
0	55.2	84.6	89.4	92.4	95.4	95.9	97.4	98.1	98.3	99.1	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3125

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

SPEEDIFLOW® MOORE BUSINESS FORMS, INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.9	45.2	45.3	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 20000	47.4	54.8	55.1	55.3	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 18000	47.9	55.4	55.6	55.8	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 16000	48.7	56.3	56.7	56.9	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 14000	49.7	57.7	58.0	58.2	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 12000	51.1	59.4	59.7	59.9	60.1	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 10000	52.4	61.5	61.9	62.1	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 9000	52.9	62.0	62.5	62.8	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 8000	53.5	63.3	63.8	64.1	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 7000	54.3	64.6	65.1	65.4	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 6000	55.3	66.5	67.2	67.5	67.7	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 5000	56.8	68.8	69.6	70.0	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 4500	58.0	70.4	71.3	71.7	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 4000	60.2	73.4	74.4	74.8	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3500	62.1	75.9	76.9	77.5	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3000	64.7	79.7	80.9	81.5	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2500	66.8	82.9	84.2	84.9	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2000	68.2	85.3	86.7	87.4	88.2	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1800	68.5	86.1	87.5	88.2	89.0	89.0	89.3	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5
≥ 1500	69.2	87.9	89.7	90.6	91.5	91.5	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1200	70.1	90.0	91.8	92.9	93.9	94.0	94.4	94.4	94.5	94.6	94.6	9 .6	94.7	94.7	94.7	94.7
≥ 1000	70.4	91.0	92.9	94.1	95.2	95.3	95.7	95.8	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	70.4	91.3	93.3	94.5	95.6	95.8	96.2	96.4	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	70.4	91.6	93.7	95.0	96.2	96.4	97.0	97.2	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	70.6	91.8	94.0	95.4	96.6	96.9	97.5	97.7	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	70.6	91.9	94.3	95.9	97.2	97.5	98.1	98.3	98.3	98.6	98.7	98.7	98.8	98.8	98.8	98.8
≥ 500	70.6	92.0	94.5	96.1	97.5	97.8	98.5	98.8	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	70.6	92.0	94.6	96.2	97.6	97.9	98.7	99.1	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	70.6	92.0	94.6	96.2	97.6	97.9	98.7	99.2	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	70.6	92.0	94.6	96.2	97.6	97.9	98.7	99.2	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	70.6	92.0	94.6	96.2	97.6	97.9	98.7	99.2	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	70.6	92.0	94.6	96.2	97.6	97.9	98.7	99.2	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3125

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

SPEEDFORM® WOOD FOR BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAR (MONTH)

1500-1700 (HOUR(S) LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.5	47.8	48.1	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 20000	51.8	58.4	59.0	59.1	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 18000	52.7	59.3	59.9	60.0	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 16000	53.1	59.9	60.5	60.6	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 14000	55.0	62.1	62.7	62.8	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 12000	56.6	64.2	64.8	64.9	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 10000	58.1	66.3	67.2	67.4	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 9000	58.8	67.4	68.1	68.2	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 8000	60.0	69.3	70.1	70.4	70.7	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 7000	61.0	71.2	72.0	72.4	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 6000	62.2	73.0	73.9	74.3	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 5000	64.0	75.7	76.8	77.2	77.5	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 4500	64.7	76.8	78.0	78.4	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4000	66.1	79.2	80.5	81.0	81.4	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3500	67.4	81.4	82.7	83.4	83.9	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3000	68.8	83.9	85.4	86.1	86.7	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2500	69.7	85.9	87.5	88.3	89.0	89.2	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2000	70.5	87.9	89.8	90.9	91.7	91.9	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1800	70.7	88.5	90.6	91.7	92.5	92.7	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1500	71.1	89.5	91.8	93.0	93.9	94.1	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200	71.3	90.4	92.8	94.2	95.2	95.5	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	71.4	91.1	93.5	94.9	96.1	96.3	96.9	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	71.5	91.2	93.6	95.1	96.2	96.4	97.1	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	71.5	91.3	93.8	95.3	96.5	96.8	97.5	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	71.5	91.5	94.1	95.6	96.9	97.1	97.9	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.6	98.6
≥ 600	71.5	91.7	94.2	95.8	97.1	97.4	98.1	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	71.5	91.7	94.3	96.0	97.5	97.8	98.8	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	71.5	91.7	94.3	96.0	97.5	97.9	99.0	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	71.5	91.7	94.3	96.1	97.6	97.9	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	71.5	91.7	94.3	96.1	97.6	97.9	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	71.5	91.7	94.3	96.1	97.6	97.9	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	71.5	91.7	94.3	96.1	97.6	97.9	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3121

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

STEELFORM® HOOPS BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (EST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.1	53.5	54.6	55.3	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 20000	42.5	60.2	61.7	62.6	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 18000	43.2	61.2	62.7	63.6	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 16000	43.5	61.7	63.2	64.1	64.5	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 14000	44.6	63.3	64.9	65.8	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 12000	46.0	65.8	67.4	68.3	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 10000	46.8	67.6	69.3	70.2	70.6	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 9000	47.3	68.4	70.2	71.1	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 8000	47.9	69.7	71.5	72.4	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 7000	48.8	71.3	73.4	74.3	74.9	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 6000	49.6	72.9	75.1	76.1	76.7	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 5000	50.8	75.3	77.6	78.7	79.5	79.5	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4500	51.2	76.4	78.8	80.0	80.8	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4000	51.9	78.4	80.9	82.1	83.0	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3500	52.4	79.6	82.3	83.8	84.6	84.7	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 3000	53.0	81.3	84.2	86.0	86.8	86.8	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2500	53.6	83.2	86.4	88.2	89.1	89.2	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000	54.0	84.8	88.0	90.0	91.1	91.4	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1800	54.2	85.2	88.5	90.5	91.6	91.9	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1500	54.6	86.1	89.5	91.7	92.9	93.2	93.7	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1200	55.1	87.1	90.8	93.0	94.4	94.7	95.2	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	55.1	87.4	91.2	93.5	94.9	95.2	95.8	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900	55.1	87.6	91.4	93.8	95.2	95.5	96.1	96.4	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	55.1	87.9	91.7	94.1	95.6	95.9	96.7	97.1	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	55.2	88.0	91.8	94.2	95.7	96.1	96.9	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	55.2	88.0	91.8	94.3	96.0	96.3	97.2	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	55.2	88.0	92.0	94.7	96.5	96.8	97.8	98.4	98.5	98.9	99.0	99.0	99.1	99.1	99.1	99.1
≥ 400	55.2	88.1	92.2	94.9	96.8	97.1	98.2	98.9	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	55.2	88.1	92.2	94.9	96.9	97.2	98.4	99.1	99.1	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	55.2	88.1	92.2	94.9	96.9	97.2	98.4	99.1	99.1	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	55.2	88.1	92.2	94.9	96.9	97.2	98.4	99.1	99.1	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	55.2	88.1	92.2	94.9	96.9	97.2	98.4	99.1	99.1	99.7	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3128

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

STEDFAST® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.0	52.9	55.2	56.3	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 20000	34.1	57.7	60.1	61.4	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2
≥ 18000	34.4	58.3	60.8	62.0	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 16000	34.6	58.9	61.4	62.6	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 14000	35.5	60.2	62.8	64.0	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 12000	36.7	62.7	65.4	66.6	67.3	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 10000	37.8	64.6	67.3	68.6	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6
≥ 9000	38.0	65.1	67.8	69.0	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0
≥ 8000	38.6	66.7	69.5	70.8	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9
≥ 7000	39.4	68.5	71.4	72.9	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0
≥ 6000	40.2	70.1	73.2	74.7	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8
≥ 5000	41.1	72.4	75.8	77.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4500	41.3	73.5	76.9	78.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8
≥ 4000	41.9	75.0	78.5	80.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5
≥ 3500	42.4	76.7	80.3	82.0	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3
≥ 3000	42.8	78.5	82.3	84.1	85.3	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2500	43.4	80.0	84.0	85.9	87.1	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2000	43.9	81.8	86.1	88.3	89.5	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0
≥ 1800	44.3	82.9	87.3	89.4	90.7	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2
≥ 1500	44.9	84.1	88.7	91.1	92.5	92.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0
≥ 1200	45.3	85.5	90.3	92.8	94.3	94.3	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	45.8	86.4	91.2	93.9	95.4	95.5	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.1
≥ 900	46.0	86.8	91.7	94.5	96.0	96.1	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.8
≥ 800	46.1	87.0	92.1	95.0	96.5	96.6	96.9	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	46.2	87.3	92.4	95.4	97.0	97.1	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9
≥ 600	46.2	87.5	92.6	95.6	97.4	97.5	97.9	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.5
≥ 500	46.3	87.7	92.9	96.1	98.0	98.1	98.5	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.2	99.2
≥ 400	46.3	87.8	93.0	96.3	98.2	98.3	98.8	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.5	99.5
≥ 300	46.3	87.8	93.2	96.4	98.5	98.6	99.1	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 200	46.3	87.8	93.2	96.5	98.5	98.7	99.2	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	46.3	87.8	93.2	96.5	98.5	98.7	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	46.3	87.8	93.2	96.5	98.5	98.7	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3114

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

SPEEDFAX® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.3	58.2	60.8	61.9	63.0	63.1	63.3	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.6	63.9
≥ 20000	36.1	63.6	66.3	67.5	68.6	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.2	69.5
≥ 18000	36.5	64.3	67.0	68.2	69.3	69.4	69.6	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.9	70.2
≥ 16000	37.0	64.9	67.6	68.8	70.0	70.0	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.5	70.8
≥ 14000	37.8	66.0	68.8	70.0	71.1	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.7	72.0
≥ 12000	38.7	67.7	70.4	71.7	72.8	72.8	73.1	73.1	73.1	73.1	73.2	73.2	73.3	73.3	73.3	73.7
≥ 10000	39.4	69.4	72.2	73.5	74.6	74.6	74.9	74.9	74.9	74.9	75.0	75.0	75.1	75.1	75.1	75.5
≥ 9000	39.6	69.8	72.6	73.9	75.0	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.6	75.9
≥ 8000	40.2	71.1	74.0	75.3	76.5	76.5	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	77.0	77.4
≥ 7000	40.8	72.4	75.4	76.7	78.0	78.0	78.3	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.6	78.9
≥ 6000	41.2	73.4	76.5	77.9	79.2	79.2	79.5	79.5	79.5	79.5	79.6	79.6	79.7	79.7	79.7	80.1
≥ 5000	41.7	74.8	78.0	79.5	80.8	80.9	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.4	81.8
≥ 4500	41.9	75.3	78.6	80.2	81.5	81.5	81.8	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.1	82.5
≥ 4000	42.3	76.5	79.9	81.5	82.9	82.9	83.2	83.2	83.2	83.2	83.3	83.3	83.4	83.4	83.4	83.8
≥ 3500	42.8	77.8	81.3	82.9	84.3	84.3	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.9	85.3
≥ 3000	43.2	78.7	82.3	84.1	85.5	85.5	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.1	86.5
≥ 2500	43.7	80.4	84.0	85.8	87.3	87.3	87.7	87.7	87.7	87.8	87.8	87.8	87.9	87.9	88.0	88.4
≥ 2000	44.6	82.7	86.4	88.4	89.9	89.9	90.3	90.3	90.3	90.4	90.5	90.5	90.5	90.5	90.6	91.0
≥ 1800	44.9	83.4	87.1	89.1	90.7	90.7	91.0	91.0	91.0	91.1	91.2	91.2	91.3	91.3	91.3	91.7
≥ 1500	45.6	85.0	88.9	90.9	92.6	92.6	92.9	92.9	92.9	93.0	93.1	93.1	93.2	93.2	93.2	93.6
≥ 1200	45.9	86.4	90.6	92.8	94.4	94.5	94.8	94.8	94.8	94.9	95.0	95.0	95.1	95.1	95.1	95.5
≥ 1000	46.2	87.1	91.4	93.7	95.4	95.5	95.8	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.2	96.6
≥ 900	46.3	87.6	91.9	94.2	96.0	96.0	96.4	96.4	96.4	96.6	96.6	96.6	96.7	96.7	96.8	97.1
≥ 800	46.5	88.1	92.6	94.9	96.7	96.8	97.2	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.6	98.0
≥ 700	46.5	88.4	92.9	95.2	97.1	97.1	97.6	97.6	97.6	97.8	97.8	97.8	97.9	97.9	98.0	98.4
≥ 600	46.5	88.6	93.1	95.5	97.4	97.5	98.0	98.0	98.0	98.1	98.2	98.2	98.3	98.3	98.4	98.8
≥ 500	46.6	88.7	93.3	95.7	97.5	97.6	98.2	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.6	99.0
≥ 400	46.6	88.8	93.4	95.8	97.6	97.7	98.3	98.4	98.4	98.5	98.6	98.6	98.7	98.7	98.8	99.1
≥ 300	46.6	88.8	93.5	95.9	97.8	97.9	98.6	98.6	98.6	98.8	98.9	98.9	98.9	98.9	99.0	99.4
≥ 200	46.6	88.8	93.6	96.0	98.0	98.1	98.8	98.9	98.9	99.0	99.1	99.1	99.2	99.2	99.3	99.7
≥ 100	46.6	88.8	93.6	96.0	98.0	98.1	98.9	99.0	99.0	99.2	99.3	99.3	99.4	99.4	99.5	99.9
0	46.6	88.8	93.6	96.0	98.0	98.1	98.9	99.0	99.0	99.2	99.3	99.3	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 3049

FEDERAL® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	23.0	46.2	50.6	53.0	54.5	54.5	55.0	55.3	55.3	55.7	55.9	55.9	56.1	56.2	56.2	56.6
≥ 20000	24.8	50.3	55.2	57.9	59.5	59.5	60.0	60.3	60.3	60.7	60.9	60.9	61.2	61.2	61.3	61.7
≥ 18000	24.9	50.8	55.6	58.2	59.9	59.9	60.4	60.7	60.7	61.1	61.3	61.3	61.6	61.6	61.7	62.1
≥ 16000	25.3	51.5	56.2	58.9	60.6	60.6	61.1	61.4	61.4	61.8	62.0	62.0	62.3	62.3	62.4	62.8
≥ 14000	26.0	52.6	57.5	60.2	61.9	61.9	62.4	62.7	62.7	63.1	63.4	63.4	63.7	63.7	63.8	64.2
≥ 12000	26.7	54.1	59.0	61.8	63.5	63.5	64.0	64.3	64.3	64.7	65.0	65.0	65.3	65.3	65.4	65.8
≥ 10000	27.4	55.6	60.6	63.5	65.3	65.3	65.8	66.1	66.2	66.5	66.8	66.8	67.1	67.1	67.2	67.6
≥ 9000	27.5	56.1	61.2	64.1	65.8	65.9	66.4	66.7	66.7	67.1	67.4	67.4	67.7	67.7	67.8	68.2
≥ 8000	28.1	57.5	62.5	65.5	67.3	67.4	67.9	68.3	68.3	68.7	69.0	69.0	69.3	69.3	69.4	69.8
≥ 7000	28.3	58.4	63.5	66.5	68.4	68.4	69.0	69.3	69.3	69.7	70.1	70.1	70.4	70.4	70.5	70.9
≥ 6000	28.5	59.3	64.5	67.7	69.5	69.6	70.2	70.5	70.5	70.9	71.2	71.2	71.6	71.6	71.7	72.1
≥ 5000	29.0	61.0	66.4	69.6	71.5	71.5	72.2	72.5	72.5	72.9	73.2	73.2	73.6	73.6	73.7	74.1
≥ 4500	29.1	61.3	66.9	70.1	72.0	72.1	72.7	73.1	73.1	73.5	73.8	73.8	74.2	74.2	74.3	74.7
≥ 4000	29.6	62.3	68.0	71.2	73.2	73.2	74.0	74.3	74.3	74.7	75.1	75.1	75.4	75.4	75.5	75.9
≥ 3500	30.1	63.5	69.1	72.4	74.4	74.4	75.2	75.5	75.5	76.0	76.3	76.3	76.6	76.7	76.8	77.2
≥ 3000	30.6	65.1	70.9	74.4	76.4	76.5	77.2	77.6	77.6	78.1	78.4	78.4	78.7	78.8	78.9	79.3
≥ 2500	31.1	66.6	72.4	76.0	78.1	78.1	78.9	79.3	79.3	79.8	80.2	80.2	80.5	80.5	80.6	81.0
≥ 2000	31.8	68.4	74.4	78.2	80.5	80.6	81.5	81.8	81.8	82.4	82.7	82.7	83.0	83.1	83.2	83.6
≥ 1800	32.2	69.4	75.4	79.3	81.5	81.6	82.5	82.5	82.9	83.5	83.8	83.8	84.1	84.2	84.3	84.7
≥ 1600	33.1	71.8	78.0	82.0	84.4	84.5	85.4	85.7	85.8	86.4	86.7	86.7	87.0	87.0	87.1	87.5
≥ 1400	33.7	74.0	80.5	84.6	87.0	87.1	88.0	88.4	88.4	89.0	89.3	89.3	89.7	89.7	89.8	90.2
≥ 1200	34.2	75.5	82.3	86.5	89.1	89.2	90.3	90.6	90.7	91.3	91.6	91.6	92.0	92.0	92.1	92.5
≥ 1000	34.5	76.2	83.0	87.3	90.0	90.1	91.2	91.5	91.6	92.2	92.5	92.5	92.9	92.9	93.0	93.4
≥ 900	34.6	76.9	84.0	88.3	91.1	91.2	92.4	92.7	92.8	93.4	93.7	93.7	94.1	94.2	94.3	94.7
≥ 800	34.6	77.1	84.3	88.7	91.5	91.6	92.8	93.1	93.2	93.9	94.2	94.2	94.6	94.7	94.8	95.1
≥ 700	34.8	77.6	85.0	89.5	92.3	92.4	93.7	94.0	94.1	94.8	95.1	95.1	95.5	95.6	95.7	96.1
≥ 600	34.8	77.8	85.4	90.0	92.9	93.0	94.4	94.8	94.9	95.5	95.9	95.9	96.3	96.3	96.4	96.9
≥ 500	34.8	78.1	85.9	90.6	93.5	93.7	95.2	95.6	95.7	96.4	96.8	96.8	97.2	97.2	97.3	97.8
≥ 400	34.8	78.1	86.1	90.8	93.8	94.1	95.7	96.2	96.3	97.0	97.4	97.4	97.9	97.9	98.0	98.4
≥ 300	34.8	78.2	86.2	90.9	94.0	94.3	96.0	96.4	96.5	97.3	97.7	97.7	98.2	98.3	98.4	98.9
≥ 200	34.8	78.2	86.2	90.9	94.0	94.3	96.0	96.5	96.6	97.4	97.9	97.9	98.5	98.6	98.7	99.2
≥ 100	34.8	78.2	86.2	90.9	94.0	94.3	96.0	96.5	96.6	97.4	97.9	97.9	98.5	98.6	98.7	100.0
0																

TOTAL NUMBER OF OBSERVATIONS 3049

USAF ETAC FORM 0-14-7 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	23.8	40.3	43.4	45.4	46.9	47.1	47.6	47.9	47.9	48.1	48.2	48.2	48.3	48.3	48.3	48.5
≥ 20000	26.6	46.1	50.1	52.3	54.0	54.2	54.8	55.1	55.1	55.3	55.5	55.5	55.6	55.6	55.6	55.8
≥ 18000	26.9	46.5	50.6	52.8	54.4	54.7	55.2	55.6	55.6	55.8	56.0	56.0	56.0	56.0	56.1	56.3
≥ 16000	27.1	46.8	50.8	53.1	54.7	55.0	55.5	55.8	55.8	56.0	56.3	56.3	56.3	56.3	56.4	56.5
≥ 14000	27.4	47.8	51.9	54.2	55.9	56.1	56.7	57.0	57.0	57.2	57.4	57.4	57.5	57.5	57.5	57.7
≥ 12000	28.1	49.6	53.7	56.1	57.8	58.1	58.7	59.0	59.0	59.2	59.4	59.4	59.5	59.5	59.6	59.7
≥ 10000	28.5	51.2	55.5	58.0	59.7	60.1	60.7	61.1	61.1	61.2	61.5	61.5	61.5	61.6	61.6	61.8
≥ 9000	28.6	51.5	55.8	58.3	60.2	60.5	61.2	61.5	61.5	61.7	61.9	61.9	62.0	62.0	62.0	62.2
≥ 8000	29.4	53.1	57.6	60.3	62.2	62.5	63.2	63.5	63.5	63.7	64.0	64.0	64.0	64.1	64.1	64.3
≥ 7000	29.8	54.1	58.6	61.5	63.4	63.7	64.4	64.8	64.8	65.0	65.2	65.2	65.3	65.3	65.4	65.6
≥ 6000	30.3	55.1	59.7	62.7	64.8	65.1	65.8	66.1	66.1	66.3	66.6	66.6	66.6	66.7	66.7	66.9
≥ 5000	30.8	56.5	61.3	64.3	66.4	66.7	67.5	67.8	67.8	68.0	68.3	68.3	68.4	68.4	68.4	68.6
≥ 4500	30.9	56.9	61.8	64.9	67.0	67.3	68.1	68.4	68.4	68.6	68.8	68.8	68.9	68.9	69.0	69.2
≥ 4000	31.5	58.4	63.4	66.5	68.8	69.1	69.8	70.2	70.2	70.4	70.7	70.7	70.7	70.8	70.8	71.0
≥ 3500	32.0	59.3	64.4	67.6	69.9	70.2	71.0	71.3	71.3	71.6	71.8	71.8	71.9	71.9	71.9	72.1
≥ 3000	32.9	61.5	66.8	70.2	72.7	73.0	73.8	74.1	74.1	74.3	74.6	74.6	74.7	74.7	74.7	74.9
≥ 2500	33.5	63.0	68.4	72.1	74.8	75.1	75.9	76.3	76.3	76.6	76.9	76.9	76.9	77.0	77.0	77.2
≥ 2000	34.8	65.7	71.3	75.3	78.1	78.5	79.4	79.8	79.8	80.1	80.4	80.4	80.5	80.5	80.5	80.7
≥ 1800	35.0	66.4	72.0	76.1	78.9	79.4	80.4	80.7	80.8	81.1	81.3	81.3	81.4	81.4	81.5	81.7
≥ 1500	35.8	69.3	75.0	79.2	82.2	82.6	83.6	84.0	84.1	84.4	84.7	84.7	84.7	84.8	84.8	85.0
≥ 1200	36.6	71.7	77.7	82.2	85.3	85.7	86.8	87.3	87.3	87.6	87.9	87.9	88.0	88.0	88.1	88.2
≥ 1000	37.1	73.1	79.6	84.5	88.0	88.4	89.6	90.1	90.2	90.5	90.8	90.8	90.9	90.9	90.9	91.1
≥ 900	37.2	73.5	80.1	85.0	88.6	89.0	90.3	90.9	90.9	91.3	91.6	91.6	91.6	91.7	91.7	91.9
≥ 800	37.3	74.3	81.2	86.4	90.3	90.8	92.2	92.8	92.9	93.4	93.7	93.7	93.8	93.8	93.9	94.1
≥ 700	37.4	74.7	81.7	87.0	91.0	91.5	93.1	93.8	93.8	94.4	94.7	94.7	94.8	94.9	95.0	95.1
≥ 600	37.5	75.0	82.3	87.8	91.9	92.5	94.2	94.8	94.9	95.5	95.8	95.8	95.9	96.0	96.1	96.3
≥ 500	37.5	75.2	82.5	88.2	92.6	93.3	95.2	95.9	96.0	96.6	97.0	97.0	97.1	97.1	97.2	97.4
≥ 400	37.5	75.3	82.6	88.4	92.9	93.6	95.6	96.4	96.6	97.3	97.7	97.7	97.9	97.9	98.0	98.2
≥ 300	37.5	75.4	82.7	88.5	93.0	93.8	95.8	96.7	96.9	97.7	98.2	98.2	98.4	98.4	98.6	98.8
≥ 200	37.5	75.4	82.7	88.5	93.0	93.8	95.8	96.8	97.0	97.9	98.4	98.5	98.7	98.7	99.0	99.3
≥ 100	37.5	75.4	82.7	88.5	93.0	93.8	95.8	96.8	97.0	97.9	98.5	98.5	98.8	98.8	99.2	99.6
≥ 0	37.5	75.4	82.7	88.5	93.0	93.8	95.8	96.8	97.0	97.9	98.5	98.5	98.8	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 3130

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

SPEEDO® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.9	49.9	50.6	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	46.8	57.4	58.2	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
< 20000 ≥ 18000	47.1	57.7	58.5	58.7	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
< 18000 ≥ 16000	47.4	58.1	58.9	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
< 16000 ≥ 14000	48.2	59.6	60.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
< 14000 ≥ 12000	49.5	61.6	62.4	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
< 12000 ≥ 10000	50.5	63.4	64.2	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
< 10000 ≥ 9000	50.9	64.2	65.1	65.5	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
< 9000 ≥ 8000	51.3	65.3	66.2	66.6	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
< 8000 ≥ 7000	51.8	66.3	67.3	67.8	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
< 7000 ≥ 6000	52.4	67.4	68.5	69.0	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
< 6000 ≥ 5000	53.1	68.8	70.0	70.6	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
< 5000 ≥ 4500	53.7	69.5	70.7	71.4	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
< 4500 ≥ 4000	54.9	71.3	72.6	73.2	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
< 4000 ≥ 3500	55.8	72.7	73.9	74.6	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
< 3500 ≥ 3000	58.3	75.8	77.2	77.9	78.2	78.2	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
< 3000 ≥ 2500	60.6	79.5	81.0	81.8	82.1	82.1	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
< 2500 ≥ 2000	62.9	84.0	85.5	86.4	86.8	86.9	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
< 2000 ≥ 1800	63.6	85.3	86.8	87.7	88.1	88.3	88.6	88.7	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9
< 1800 ≥ 1500	65.1	88.5	90.2	91.2	91.7	91.8	92.2	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5
< 1500 ≥ 1200	65.8	90.4	92.0	93.2	93.7	93.8	94.3	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6
< 1200 ≥ 1000	66.1	91.8	93.6	95.0	95.7	95.9	96.4	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
< 1000 ≥ 900	66.2	92.0	93.9	95.4	96.1	96.3	96.8	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
< 900 ≥ 800	66.3	92.6	94.5	96.1	97.1	97.3	97.9	98.0	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3
< 800 ≥ 700	66.3	92.7	94.7	96.4	97.5	97.8	98.3	98.5	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8
< 700 ≥ 600	66.3	93.0	94.9	96.7	98.0	98.3	98.8	98.9	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.3
< 600 ≥ 500	66.4	93.1	95.0	96.9	98.2	98.5	99.1	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
< 500 ≥ 400	66.4	93.2	95.2	97.1	98.4	98.8	99.3	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
< 400 ≥ 300	66.4	93.2	95.2	97.1	98.5	98.8	99.4	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
< 300 ≥ 200	66.4	93.2	95.2	97.1	98.5	98.8	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
< 200 ≥ 100	66.4	93.2	95.2	97.1	98.5	98.8	99.4	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
< 100 ≥ 0	66.4	93.2	95.2	97.1	98.5	98.8	99.4	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3126

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

SPEEDIFORM® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS [LST])

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.0	51.5	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 20000	58.5	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 18000	58.9	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 16000	59.1	63.7	63.8	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
≥ 14000	60.1	64.8	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 12000	61.4	66.4	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 10000	62.4	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 9000	62.9	68.5	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 8000	63.8	69.7	70.0	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
≥ 7000	64.2	70.7	71.0	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
≥ 6000	64.8	71.9	72.2	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
≥ 5000	66.6	74.4	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4500	68.0	76.0	76.4	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 4000	70.7	79.6	80.0	80.2	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 3500	72.4	81.6	82.1	82.4	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8
≥ 3000	75.2	85.6	86.1	86.5	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9
≥ 2500	77.8	89.3	90.0	90.4	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9
≥ 2000	79.7	92.6	93.4	93.9	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6
≥ 1800	80.0	93.1	93.9	94.4	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1500	80.5	94.0	95.0	95.6	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 1200	80.8	94.9	96.0	96.7	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 1000	80.9	95.3	96.5	97.3	97.9	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 900	81.0	95.6	96.7	97.5	98.1	98.3	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	81.0	95.7	96.9	97.8	98.4	98.6	98.8	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 700	81.1	95.8	97.1	98.0	98.6	98.8	99.0	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	81.1	95.9	97.1	98.0	98.7	98.8	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 500	81.1	95.9	97.2	98.1	98.8	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	81.1	96.0	97.3	98.2	98.9	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	81.1	96.0	97.3	98.2	98.9	99.1	99.5	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	81.1	96.0	97.3	98.2	98.9	99.1	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	81.1	96.0	97.3	98.2	98.9	99.1	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
0	81.1	96.0	97.3	98.2	98.9	99.1	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3126

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.2	54.2	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 20000	64.4	65.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 18000	65.0	69.1	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
≥ 16000	65.6	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 14000	66.5	71.0	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
≥ 12000	67.8	73.0	73.2	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
≥ 10000	69.4	75.2	75.4	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
≥ 9000	69.5	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 8000	70.3	76.7	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 7000	71.0	78.0	78.1	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
≥ 6000	72.1	79.8	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 5000	73.7	82.2	82.5	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
≥ 4500	74.7	83.7	84.0	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4000	76.4	86.5	86.8	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3500	77.6	88.2	88.6	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3000	79.5	91.0	91.5	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2500	80.2	92.5	93.2	93.8	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	80.9	94.1	94.8	95.5	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800	81.0	94.5	95.2	95.9	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1500	81.4	95.2	96.0	96.8	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	81.6	95.9	96.7	97.5	98.3	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	81.6	96.2	97.0	97.8	98.6	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	81.7	96.2	97.0	97.9	98.6	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	81.7	96.4	97.3	98.2	99.0	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	81.7	96.4	97.4	98.2	99.1	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	81.8	96.5	97.5	98.3	99.2	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	81.8	96.5	97.5	98.3	99.2	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	81.8	96.5	97.5	98.4	99.2	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	81.8	96.5	97.5	98.4	99.2	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	81.8	96.5	97.5	98.4	99.2	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	81.8	96.5	97.5	98.4	99.2	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	81.8	96.5	97.5	98.4	99.2	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3129

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) APR (MONTH)

1800-2000 (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅜	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.6	60.3	61.1	61.3	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 20000	56.5	71.0	72.0	72.3	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 18000	56.9	71.5	72.4	72.7	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 16000	57.2	72.0	72.9	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 14000	58.2	73.6	74.5	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 12000	59.7	75.9	76.9	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 10000	61.0	78.1	79.2	79.5	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 9000	61.4	78.6	79.7	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 8000	62.0	79.6	80.7	81.0	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 7000	62.6	80.8	82.0	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 6000	63.3	82.4	83.6	84.0	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 5000	64.6	85.1	86.5	87.1	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 4500	64.9	85.7	87.1	87.8	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4000	65.7	87.6	89.1	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3500	66.1	88.5	90.1	90.8	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3000	66.9	90.1	91.7	92.6	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	67.2	91.3	93.0	93.9	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2000	67.7	92.6	94.4	95.4	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800	67.7	92.9	94.8	95.7	96.4	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1500	68.0	93.6	95.5	96.6	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1200	68.0	93.9	96.0	97.1	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	68.1	94.1	96.3	97.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 900	68.1	94.2	96.4	97.6	98.6	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	68.2	94.6	96.7	98.0	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 700	68.2	94.6	96.7	98.0	99.1	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	68.2	94.6	96.8	98.0	99.1	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	68.2	94.6	96.8	98.0	99.1	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	68.2	94.6	96.8	98.0	99.1	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	68.2	94.6	96.8	98.0	99.3	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	68.2	94.7	96.8	98.1	99.3	99.5	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	68.2	94.7	96.8	98.1	99.3	99.5	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	68.2	94.7	96.8	98.1	99.3	99.5	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3125

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

SPEEDFORM® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.9	65.0	66.6	67.5	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 20000	46.9	71.5	73.4	74.4	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1
≥ 18000	47.1	72.0	73.8	74.8	75.3	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5
≥ 16000	47.6	72.6	74.5	75.4	75.9	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.2
≥ 14000	48.5	74.0	75.9	76.9	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6
≥ 12000	49.6	75.8	77.8	78.8	79.3	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5
≥ 10000	50.3	77.6	79.6	80.6	81.1	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.4
≥ 9000	50.5	78.0	80.0	81.0	81.5	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.8
≥ 8000	51.2	79.2	81.3	82.3	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0
≥ 7000	52.0	80.4	82.7	83.8	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6
≥ 6000	52.3	81.6	84.1	85.2	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0
≥ 5000	52.9	83.1	85.6	86.8	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6
≥ 4500	53.0	83.7	86.5	87.6	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5
≥ 4000	53.5	84.9	87.7	88.9	89.6	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.9
≥ 3500	53.9	85.8	88.7	90.0	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9
≥ 3000	54.5	87.2	90.3	91.7	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6
≥ 2500	54.7	88.4	91.5	93.0	93.7	93.7	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	94.0
≥ 2000	55.2	89.7	92.9	94.4	95.2	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.5
≥ 1800	55.3	90.0	93.3	94.8	95.6	95.6	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.9
≥ 1500	55.6	90.9	94.2	95.7	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
≥ 1200	55.6	91.6	95.2	96.7	97.6	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0
≥ 1000	55.8	92.1	95.8	97.4	98.4	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.8
≥ 900	55.8	92.1	95.9	97.5	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 800	55.8	92.2	96.1	97.7	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 700	55.8	92.4	96.2	97.8	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 600	55.8	92.4	96.3	97.9	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 500	55.9	92.4	96.3	97.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 400	55.9	92.4	96.3	98.0	99.1	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	55.9	92.4	96.4	98.0	99.2	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 200	55.9	92.4	96.4	98.1	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 100	55.9	92.4	96.4	98.1	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9
0	55.9	92.4	96.4	98.1	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3100

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-71 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.6	67.5	69.8	70.6	70.9	70.9	71.1	71.2	71.2	71.2	71.3	71.3	71.4	71.4	71.4	71.5
≥ 20000	39.6	72.3	74.8	75.7	76.1	76.1	76.3	76.4	76.4	76.5	76.5	76.5	76.6	76.6	76.6	76.7
≥ 18000	39.8	72.5	75.1	76.0	76.4	76.4	76.6	76.7	76.7	76.8	76.8	76.8	76.9	76.9	76.9	77.0
≥ 16000	40.2	73.2	75.8	76.7	77.1	77.1	77.3	77.4	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.7
≥ 14000	40.9	74.7	77.3	78.2	78.6	78.7	78.9	79.0	79.0	79.0	79.1	79.1	79.2	79.2	79.2	79.2
≥ 12000	41.9	76.9	79.7	80.7	81.1	81.1	81.3	81.4	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.7
≥ 10000	42.8	78.8	81.7	82.8	83.2	83.2	83.5	83.6	83.6	83.6	83.7	83.7	83.8	83.8	83.8	83.8
≥ 9000	43.0	79.4	82.4	83.5	83.9	83.9	84.2	84.3	84.3	84.3	84.4	84.4	84.5	84.5	84.5	84.5
≥ 8000	44.0	81.2	84.2	85.3	85.8	85.8	86.1	86.2	86.2	86.2	86.3	86.3	86.4	86.4	86.4	86.4
≥ 7000	44.3	82.1	85.3	86.5	87.0	87.0	87.2	87.3	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.6
≥ 6000	44.6	83.0	86.2	87.4	87.9	87.9	88.1	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.5
≥ 5000	45.0	84.1	87.4	88.8	89.3	89.4	89.6	89.7	89.7	89.7	89.8	89.8	89.9	89.9	89.9	90.0
≥ 4500	45.1	84.4	87.8	89.2	89.8	89.8	90.1	90.2	90.2	90.2	90.3	90.3	90.4	90.4	90.4	90.4
≥ 4000	45.4	85.1	88.5	90.0	90.7	90.7	90.9	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.3
≥ 3500	45.6	85.7	89.1	90.6	91.3	91.3	91.5	91.6	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.9
≥ 3000	45.9	86.6	90.1	91.7	92.4	92.5	92.7	92.8	92.8	92.8	92.9	92.9	93.0	93.0	93.0	93.1
≥ 2500	46.4	87.6	91.1	92.7	93.4	93.5	93.7	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.1
≥ 2000	46.5	88.2	91.8	93.5	94.2	94.3	94.5	94.6	94.6	94.6	94.7	94.7	94.8	94.8	94.8	94.9
≥ 1800	46.7	88.6	92.2	93.9	94.7	94.7	94.9	95.1	95.1	95.1	95.2	95.2	95.3	95.3	95.3	95.3
≥ 1500	47.1	89.2	92.9	94.6	95.4	95.5	95.7	95.9	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.1
≥ 1200	47.4	89.8	93.6	95.4	96.2	96.3	96.5	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	97.0
≥ 1000	47.7	90.7	94.5	96.3	97.1	97.1	97.3	97.5	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.9
≥ 900	47.7	90.8	94.7	96.5	97.3	97.3	97.5	97.7	97.7	97.8	97.9	97.9	98.0	98.0	98.0	98.1
≥ 800	47.7	91.1	94.9	96.8	97.6	97.6	97.8	98.0	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.4
≥ 700	47.8	91.3	95.2	97.0	97.8	97.8	98.1	98.3	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6
≥ 600	47.8	91.4	95.3	97.1	97.9	97.9	98.2	98.4	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.8
≥ 500	47.8	91.6	95.6	97.5	98.4	98.4	98.7	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.3
≥ 400	47.8	91.7	95.8	97.8	98.6	98.6	99.0	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.7
≥ 300	47.8	91.8	95.8	97.8	98.7	98.7	99.0	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 200	47.8	91.8	95.9	98.0	98.8	98.9	99.2	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 100	47.8	91.8	95.9	98.0	98.8	98.9	99.2	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.9
0	47.8	91.8	95.9	98.0	98.8	98.9	99.2	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3158

SPEEDISOL MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	23.1	52.6	57.4	59.6	61.1	61.3	62.0	62.2	62.2	62.5	62.5	62.5	62.8	62.9	62.9	63.0
≥ 20000	25.4	58.3	63.3	65.8	67.5	67.7	68.6	68.8	68.8	69.0	69.1	69.1	69.4	69.5	69.5	69.6
≥ 18000	25.4	58.4	63.4	65.9	67.6	67.8	68.7	68.9	68.9	69.1	69.2	69.2	69.5	69.6	69.6	69.7
≥ 16000	25.6	58.8	63.9	66.3	68.0	68.2	69.1	69.3	69.3	69.5	69.6	69.6	70.0	70.0	70.0	70.1
≥ 14000	26.1	59.8	65.1	67.6	69.3	69.5	70.4	70.6	70.6	70.8	70.9	70.9	71.3	71.3	71.3	71.4
≥ 12000	27.0	62.2	67.8	70.4	72.2	72.4	73.3	73.5	73.5	73.7	73.8	73.8	74.2	74.2	74.2	74.3
≥ 10000	27.9	64.1	69.9	72.6	74.4	74.6	75.5	75.7	75.7	75.9	76.0	76.0	76.4	76.4	76.4	76.5
≥ 9000	28.2	64.9	70.8	73.5	75.3	75.5	76.5	76.6	76.6	76.9	77.0	77.0	77.3	77.4	77.4	77.4
≥ 8000	28.8	66.2	72.1	75.0	76.9	77.0	78.0	78.1	78.1	78.4	78.5	78.5	78.8	78.9	78.9	79.0
≥ 7000	29.2	67.3	73.3	76.2	78.1	78.3	79.2	79.4	79.4	79.6	79.7	79.7	80.1	80.1	80.1	80.2
≥ 6000	29.5	68.4	74.5	77.5	79.4	79.5	80.5	80.7	80.7	80.9	81.0	81.0	81.4	81.4	81.4	81.5
≥ 5000	29.8	69.8	76.1	79.2	81.1	81.2	82.2	82.4	82.4	82.6	82.7	82.7	83.1	83.1	83.1	83.2
≥ 4500	29.8	70.3	76.7	79.8	81.6	81.8	82.8	83.0	83.0	83.2	83.3	83.3	83.7	83.7	83.7	83.8
≥ 4000	30.1	71.2	77.7	80.8	82.7	82.8	83.8	84.0	84.0	84.2	84.3	84.3	84.7	84.7	84.7	84.8
≥ 3500	30.3	71.8	78.4	81.5	83.4	83.6	84.5	84.7	84.7	84.9	85.0	85.0	85.4	85.4	85.4	85.6
≥ 3000	30.6	73.0	79.7	82.9	84.9	85.1	86.0	86.2	86.2	86.4	86.5	86.5	86.9	86.9	87.0	87.1
≥ 2500	30.9	74.0	80.8	84.1	86.0	86.2	87.2	87.4	87.4	87.6	87.7	87.7	88.1	88.1	88.1	88.3
≥ 2000	31.2	75.4	82.4	85.9	87.9	88.0	89.0	89.2	89.2	89.5	89.6	89.6	89.9	89.9	90.0	90.1
≥ 1800	31.4	75.8	82.9	86.5	88.4	88.6	89.6	89.8	89.8	90.1	90.2	90.2	90.5	90.5	90.6	90.7
≥ 1500	31.8	76.9	84.1	87.7	89.6	89.8	90.8	91.0	91.0	91.2	91.3	91.3	91.7	91.7	91.8	91.9
≥ 1200	32.5	78.4	85.6	89.3	91.3	91.5	92.5	92.7	92.7	93.0	93.1	93.1	93.5	93.5	93.5	93.7
≥ 1000	32.9	79.5	86.7	90.7	92.8	93.0	94.0	94.2	94.2	94.6	94.7	94.7	95.0	95.1	95.1	95.2
≥ 900	32.9	79.9	87.2	91.3	93.4	93.5	94.6	94.8	94.8	95.1	95.3	95.3	95.6	95.6	95.7	95.8
≥ 800	33.0	80.6	87.9	92.0	94.1	94.3	95.4	95.5	95.5	95.9	96.0	96.0	96.4	96.4	96.5	96.6
≥ 700	33.1	80.9	88.4	92.6	94.7	94.9	96.0	96.2	96.2	96.6	96.7	96.7	97.1	97.1	97.1	97.3
≥ 600	33.2	81.0	88.6	92.8	94.9	95.1	96.3	96.5	96.5	96.9	97.1	97.1	97.4	97.4	97.5	97.6
≥ 500	33.2	81.4	89.0	93.4	95.6	95.8	97.1	97.3	97.3	97.6	97.8	97.8	98.2	98.2	98.2	98.4
≥ 400	33.2	81.6	89.2	93.7	95.9	96.1	97.4	97.6	97.6	97.9	98.1	98.1	98.5	98.5	98.6	98.7
≥ 300	33.2	81.7	89.3	93.8	96.0	96.3	97.6	97.8	97.8	98.2	98.4	98.4	98.8	98.8	98.8	99.1
≥ 200	33.2	81.7	89.3	93.9	96.1	96.4	97.8	98.1	98.1	98.5	98.7	98.7	99.1	99.1	99.2	99.5
≥ 100	33.2	81.7	89.3	93.9	96.1	96.4	97.9	98.1	98.1	98.5	98.7	98.7	99.2	99.2	99.4	99.7
0	33.2	81.7	89.3	93.9	96.1	96.4	97.9	98.1	98.1	98.5	98.7	98.7	99.2	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 3188

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

SYSTEMS © WOODS BUSINESS FORMS INC. 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS/LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	23.5	46.8	50.2	52.5	53.6	53.7	54.0	54.2	54.2	54.3	54.4	54.4	54.4	54.4	54.4	54.4
≥ 20000	27.5	54.9	59.3	62.1	63.4	63.5	63.9	64.0	64.0	64.1	64.2	64.2	64.2	64.2	64.3	64.3
≥ 18000	27.5	55.1	59.5	62.3	63.5	63.7	64.0	64.2	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4
≥ 16000	27.6	55.3	59.7	62.5	63.8	64.0	64.3	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.7	64.7
≥ 14000	27.9	56.5	61.0	63.8	65.1	65.3	65.6	65.8	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0
≥ 12000	29.2	59.1	63.9	66.7	68.1	68.3	68.6	68.8	68.8	68.9	68.9	68.9	68.9	68.9	69.0	69.0
≥ 10000	30.2	61.1	66.1	69.1	70.5	70.7	71.0	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.5	71.5
≥ 9000	30.6	61.7	66.7	69.7	71.0	71.3	71.6	71.8	71.8	71.9	72.0	72.0	72.0	72.0	72.1	72.1
≥ 8000	31.4	63.0	68.1	71.1	72.5	72.7	73.0	73.2	73.2	73.3	73.4	73.4	73.4	73.4	73.5	73.5
≥ 7000	31.8	64.0	69.3	72.3	73.7	73.9	74.3	74.5	74.5	74.6	74.6	74.6	74.7	74.7	74.8	74.8
≥ 6000	32.1	65.2	70.5	73.5	74.9	75.1	75.5	75.7	75.7	75.8	75.9	75.9	75.9	75.9	76.0	76.0
≥ 5000	32.3	66.3	71.7	74.8	76.2	76.4	76.8	77.0	77.0	77.1	77.2	77.2	77.2	77.3	77.3	77.3
≥ 4500	32.5	66.9	72.3	75.4	76.8	77.0	77.5	77.7	77.7	77.8	77.8	77.8	77.9	77.9	78.0	78.0
≥ 4000	32.8	67.9	73.5	76.6	78.1	78.3	78.7	79.0	79.0	79.0	79.1	79.1	79.1	79.2	79.3	79.3
≥ 3500	33.0	68.3	73.9	77.2	78.6	78.8	79.3	79.5	79.5	79.6	79.6	79.6	79.7	79.7	79.8	79.8
≥ 3000	33.5	69.4	74.9	78.3	79.8	80.0	80.4	80.6	80.6	80.7	80.8	80.8	80.8	80.9	81.0	81.0
≥ 2500	34.2	70.7	76.3	79.7	81.1	81.4	81.8	82.0	82.0	82.1	82.2	82.2	82.2	82.2	82.3	82.3
≥ 2000	35.0	72.3	78.0	81.4	82.9	83.1	83.6	83.8	83.8	83.9	84.0	84.0	84.0	84.0	84.1	84.1
≥ 1800	35.3	73.1	78.9	82.3	83.8	84.1	84.6	84.8	84.8	84.9	84.9	84.9	85.0	85.0	85.1	85.1
≥ 1500	36.4	75.1	81.0	84.4	86.0	86.3	86.9	87.1	87.1	87.2	87.3	87.3	87.3	87.3	87.4	87.4
≥ 1200	37.6	77.5	83.6	87.3	89.0	89.4	89.9	90.1	90.1	90.2	90.3	90.3	90.3	90.4	90.5	90.5
≥ 1000	38.1	79.8	86.3	90.3	92.2	92.6	93.1	93.3	93.3	93.4	93.5	93.5	93.5	93.6	93.7	93.7
≥ 900	38.2	80.3	86.9	90.9	92.8	93.1	93.6	93.9	93.9	94.0	94.1	94.1	94.1	94.2	94.3	94.3
≥ 800	38.5	81.5	88.3	92.4	94.4	94.7	95.3	95.6	95.6	95.7	95.8	95.8	95.8	95.9	96.0	96.0
≥ 700	38.6	82.0	88.9	93.1	95.1	95.4	96.0	96.3	96.3	96.5	96.5	96.5	96.6	96.7	96.8	96.8
≥ 600	38.7	82.6	89.7	93.9	96.0	96.4	97.0	97.3	97.3	97.5	97.6	97.6	97.7	97.7	97.8	97.8
≥ 500	38.7	82.7	89.8	94.2	96.4	96.8	97.6	97.9	97.9	98.1	98.2	98.2	98.3	98.4	98.5	98.5
≥ 400	38.7	82.7	89.9	94.2	96.5	96.9	97.8	98.1	98.2	98.5	98.6	98.6	98.7	98.8	98.9	98.9
≥ 300	38.7	82.8	90.0	94.4	96.7	97.1	98.0	98.4	98.4	98.7	98.9	99.0	99.2	99.3	99.4	99.5
≥ 200	38.7	82.9	90.0	94.4	96.7	97.2	98.1	98.5	98.5	98.9	99.1	99.2	99.4	99.5	99.7	99.8
≥ 100	38.7	82.9	90.0	94.4	96.7	97.2	98.1	98.5	98.5	99.0	99.1	99.2	99.5	99.6	99.8	99.9
≥ 0	38.7	82.9	90.0	94.4	96.7	97.2	98.1	98.5	98.5	99.0	99.1	99.2	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3240

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

SNAPSHOT® MOORE BUSINESS FORMS INC 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAY (MONTH)

0900-1100 (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.3	54.1	54.7	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 20000	51.9	63.9	64.5	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 18000	52.1	64.1	64.8	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
≥ 16000	52.3	64.3	65.0	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 14000	53.1	65.7	66.4	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 12000	54.5	67.7	68.4	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 10000	56.0	69.5	70.2	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 9000	56.6	70.3	71.1	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 8000	57.3	71.1	72.0	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 7000	57.7	72.1	73.0	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 6000	58.4	73.3	74.2	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 5000	59.0	74.3	75.3	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 4500	59.3	74.9	75.8	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
≥ 4000	60.7	76.7	77.7	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 3500	62.0	78.3	79.3	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3000	64.7	81.9	83.0	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 2500	67.3	85.8	86.9	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2000	69.4	89.3	90.4	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2
≥ 1800	70.2	90.5	91.7	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5
≥ 1500	71.8	93.4	94.6	95.1	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	72.5	94.7	96.1	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 1000	72.9	95.6	97.0	97.6	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	73.0	95.9	97.3	97.9	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	73.1	96.3	97.7	98.3	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 700	73.1	96.4	97.9	98.5	99.1	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	73.1	96.5	97.9	98.6	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	73.1	96.6	98.0	98.6	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	73.1	96.6	98.0	98.7	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	73.1	96.6	98.0	98.7	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	73.1	96.6	98.0	98.7	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	73.1	96.6	98.0	98.7	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	73.1	96.6	98.0	98.7	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3235

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

SPEEDFLO® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.9	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 20000	59.0	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 18000	59.4	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 16000	59.7	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 14000	60.7	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 12000	62.0	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 10000	63.1	68.6	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
≥ 9000	63.5	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 8000	64.4	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 7000	65.1	71.1	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
≥ 6000	65.8	72.2	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
≥ 5000	67.8	74.8	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 4500	69.8	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
≥ 4000	74.3	82.2	82.5	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
≥ 3500	77.9	86.4	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3000	81.6	90.8	91.1	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	83.6	93.7	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	84.8	95.9	96.4	96.5	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	84.9	96.1	96.6	96.7	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	85.3	97.0	97.5	97.7	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 1200	85.5	97.4	98.0	98.3	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	85.5	97.6	98.2	98.5	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 900	85.5	97.7	98.3	98.6	99.0	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	85.6	97.8	98.4	98.7	99.1	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	85.6	97.8	98.5	98.8	99.2	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	85.6	97.9	98.5	98.9	99.3	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	85.6	98.0	98.7	99.0	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	85.6	98.0	98.7	99.0	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	85.6	98.1	98.7	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	85.6	98.1	98.7	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	85.6	98.1	98.7	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	85.6	98.1	98.7	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3237

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.2	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 20000	65.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 18000	65.4	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 16000	65.9	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 14000	66.8	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
≥ 12000	69.7	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	74.7	74.7
≥ 10000	71.3	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 9000	72.1	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 8000	73.2	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	79.2	79.2
≥ 7000	74.7	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 6000	76.1	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 5000	77.9	85.3	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4500	79.1	86.9	87.1	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
≥ 4000	81.0	89.4	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3500	82.1	90.8	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3000	84.0	93.5	93.8	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2500	84.8	95.0	95.2	95.6	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2000	85.3	95.9	96.3	96.6	96.9	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 1800	85.5	96.3	96.6	97.0	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 1500	85.8	96.9	97.3	97.8	98.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 1200	86.0	97.3	97.8	98.2	98.6	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 1000	86.0	97.6	98.1	98.5	99.0	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	86.0	97.7	98.2	98.6	99.0	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	86.1	97.8	98.3	98.7	99.2	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 700	86.1	97.8	98.3	98.7	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 600	86.1	97.8	98.3	98.8	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 500	86.1	97.8	98.3	98.8	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	86.1	97.8	98.3	98.8	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 300	86.1	97.8	98.3	98.8	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	86.1	97.8	98.3	98.8	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	86.1	97.8	98.3	98.8	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	86.1	97.8	98.3	98.8	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3239

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

NORDE BUSINESS FORMS, INC. 1-800-558-5555

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAY (MONTH)

1800-2000 (HOURS (L ST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.0	59.5	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 20000	59.4	73.5	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 18000	59.8	74.2	74.7	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 16000	60.2	74.8	75.2	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
≥ 14000	61.4	76.3	76.9	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 12000	62.7	78.5	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 10000	64.9	81.8	82.3	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 9000	65.4	82.4	83.0	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
≥ 8000	66.6	84.1	84.7	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 7000	67.2	85.2	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 6000	68.0	86.2	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 5000	69.4	88.6	89.4	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4500	69.8	89.3	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4000	70.7	91.2	92.2	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3500	71.0	92.1	93.2	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3000	71.9	94.0	95.2	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9
≥ 2500	72.2	94.9	96.2	96.5	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	72.5	95.5	96.9	97.2	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7
≥ 1800	72.6	95.6	97.0	97.3	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	72.8	96.1	97.6	97.9	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	73.0	96.5	97.9	98.3	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	73.1	96.8	98.5	98.9	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 900	73.1	96.8	98.5	98.9	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 800	73.1	96.8	98.5	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 700	73.1	96.9	98.6	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8
≥ 600	73.1	96.9	98.6	99.0	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 500	73.1	96.9	98.6	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	73.1	96.9	98.6	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	73.1	96.9	98.6	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 200	73.1	96.9	98.6	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	73.1	96.9	98.6	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
0	73.1	96.9	98.6	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3240

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

SPEEDFLOW® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.4	69.2	70.5	70.8	71.0	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 20000	49.6	76.3	77.8	78.2	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 18000	49.8	76.5	78.0	78.5	78.7	78.7	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 16000	50.0	76.9	78.5	79.0	79.2	79.2	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 14000	50.7	78.5	80.1	80.7	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 12000	51.8	80.7	82.3	82.9	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 10000	53.4	83.4	85.1	85.6	85.9	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 9000	53.7	83.8	85.5	86.1	86.4	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 8000	54.6	85.6	87.4	88.0	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 7000	55.2	86.5	88.3	89.0	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 6000	55.7	87.8	89.8	90.4	90.7	90.7	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 5000	56.4	89.2	91.3	92.0	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4500	56.5	89.5	91.7	92.3	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4000	56.8	90.4	92.6	93.2	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3500	57.0	91.2	93.4	94.2	94.6	94.6	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3000	57.3	92.1	94.4	95.3	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2500	57.5	92.6	95.1	95.9	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2000	57.7	93.3	95.8	96.8	97.3	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	57.8	93.5	96.0	97.0	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	58.1	93.9	96.5	97.5	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	58.3	94.3	96.9	97.9	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	58.3	94.5	97.1	98.1	98.8	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	58.3	94.7	97.3	98.4	99.0	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	58.3	94.8	97.4	98.5	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5
≥ 700	58.3	94.8	97.4	98.5	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	58.2	94.8	97.3	98.7	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	58.3	94.8	97.6	98.8	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	58.3	94.9	97.6	98.9	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	58.3	94.9	97.6	98.9	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	58.3	94.9	97.6	98.9	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	58.3	94.9	97.6	98.	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	58.3	94.9	97.6	98.9	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3184

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-71 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.3	69.7	72.0	73.0	73.6	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8
≥ 20000	42.9	76.4	78.7	79.8	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7
≥ 18000	43.1	76.6	78.9	80.0	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9
≥ 16000	43.5	77.4	79.7	80.7	81.3	81.4	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6
≥ 14000	43.8	78.6	80.9	82.0	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9
≥ 12000	45.0	81.1	83.5	84.6	85.2	85.3	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5
≥ 10000	46.1	83.3	85.8	86.9	87.6	87.6	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.9	87.9
≥ 9000	46.4	83.8	86.4	87.5	88.2	88.2	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.5	88.5
≥ 8000	46.8	84.8	87.4	88.5	89.1	89.2	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4
≥ 7000	47.2	85.3	88.0	89.1	89.7	89.8	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0
≥ 6000	47.5	85.9	88.6	89.8	90.4	90.5	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7
≥ 5000	47.8	87.0	89.7	90.9	91.6	91.6	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9
≥ 4500	48.0	87.5	90.2	91.4	92.1	92.1	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4000	48.4	88.4	91.4	92.5	93.2	93.3	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3500	48.5	88.9	91.8	93.0	93.7	93.7	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.1	94.1
≥ 3000	48.8	89.7	92.7	93.9	94.6	94.6	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	95.0	95.0
≥ 2500	48.9	90.2	93.1	94.4	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4
≥ 2000	49.1	91.0	94.0	95.3	95.9	96.0	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.4	96.4
≥ 1800	49.2	91.2	94.2	95.4	96.1	96.2	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.6	96.6
≥ 1500	49.5	91.6	94.6	95.9	96.6	96.7	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.1	97.1
≥ 1200	49.7	92.3	95.3	96.6	97.3	97.4	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.8	97.8
≥ 1000	49.8	92.6	95.6	96.9	97.6	97.7	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.1	98.1
≥ 900	49.9	92.8	95.9	97.2	97.9	98.0	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.4	98.4
≥ 800	50.0	93.3	96.4	97.7	98.5	98.5	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0
≥ 700	50.0	93.6	96.7	98.0	98.8	98.8	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3
≥ 600	50.0	93.7	96.9	98.1	98.9	98.9	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.4	99.4
≥ 500	50.1	93.8	97.0	98.2	99.0	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 400	50.1	93.8	97.0	98.3	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 300	50.1	93.9	97.1	98.4	99.1	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7
≥ 200	50.1	93.9	97.1	98.5	99.2	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.9	99.9
≥ 100	50.1	94.0	97.2	98.5	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	100.0	100.0
0	50.1	94.0	97.2	98.5	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3053

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

SPEEDIFLO® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) HAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS(EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	26.7	54.5	59.1	61.2	63.1	63.3	63.8	64.0	64.0	64.2	64.3	64.3	64.3	64.3	64.5	64.6
≥ 20000	30.2	61.9	67.0	69.5	71.7	71.9	72.4	72.6	72.6	72.8	72.9	72.9	73.0	73.0	73.1	73.2
< 20000 ≥ 18000	30.3	62.3	67.4	69.9	72.1	72.3	72.9	73.0	73.0	73.2	73.3	73.3	73.4	73.4	73.5	73.6
< 18000 ≥ 16000	30.4	62.6	67.8	70.4	72.6	72.8	73.3	73.5	73.5	73.7	73.8	73.8	73.9	73.9	74.0	74.1
< 16000 ≥ 14000	31.2	64.3	69.6	72.3	74.5	74.8	75.4	75.6	75.6	75.7	75.8	75.8	75.9	75.9	76.0	76.2
< 14000 ≥ 12000	31.8	66.4	72.0	74.9	77.2	77.4	78.0	78.2	78.2	78.4	78.5	78.5	78.5	78.5	78.7	78.8
< 12000 ≥ 10000	32.9	68.5	74.3	77.3	79.6	79.9	80.5	80.7	80.7	80.9	81.0	81.0	81.0	81.0	81.2	81.3
< 10000 ≥ 9000	33.1	69.0	74.8	77.9	80.3	80.5	81.1	81.3	81.3	81.5	81.6	81.6	81.7	81.7	81.8	81.9
< 9000 ≥ 8000	33.4	70.0	75.9	79.0	81.5	81.7	82.3	82.5	82.5	82.7	82.8	82.8	82.9	82.9	83.0	83.1
< 8000 ≥ 7000	34.3	71.5	77.5	80.6	83.1	83.3	83.9	84.1	84.1	84.3	84.4	84.4	84.5	84.5	84.6	84.7
< 7000 ≥ 6000	34.6	71.8	77.9	81.0	83.4	83.7	84.3	84.5	84.5	84.7	84.8	84.8	84.9	84.9	85.0	85.1
< 6000 ≥ 5000	35.2	73.2	79.3	82.5	84.9	85.2	85.8	86.0	86.0	86.2	86.3	86.3	86.3	86.3	86.5	86.6
< 5000 ≥ 4500	35.3	73.6	79.7	82.9	85.3	85.6	86.2	86.4	86.4	86.6	86.7	86.7	86.8	86.8	86.9	87.0
< 4500 ≥ 4000	35.6	74.4	80.6	83.9	86.3	86.6	87.3	87.5	87.5	87.6	87.7	87.7	87.8	87.8	87.9	88.0
< 4000 ≥ 3500	35.7	74.8	81.0	84.3	86.8	87.0	87.7	87.9	87.9	88.1	88.2	88.2	88.2	88.2	88.4	88.5
< 3500 ≥ 3000	36.0	75.9	82.2	85.4	87.9	88.2	88.8	89.0	89.0	89.2	89.3	89.3	89.4	89.4	89.5	89.6
< 3000 ≥ 2500	36.2	76.6	83.0	86.3	88.8	89.0	89.7	89.9	89.9	90.1	90.2	90.2	90.2	90.2	90.4	90.5
< 2500 ≥ 2000	36.4	77.6	84.1	87.5	90.0	90.3	90.9	91.1	91.2	91.3	91.4	91.4	91.5	91.5	91.6	91.7
< 2000 ≥ 1800	36.5	77.8	84.3	87.7	90.2	90.5	91.1	91.3	91.4	91.5	91.6	91.6	91.7	91.7	91.8	91.9
< 1800 ≥ 1500	37.0	78.8	85.3	88.8	91.3	91.5	92.2	92.4	92.4	92.6	92.7	92.7	92.8	92.8	92.9	93.0
< 1500 ≥ 1200	37.3	79.9	86.4	89.9	92.5	92.7	93.4	93.6	93.6	93.8	93.9	93.9	93.9	93.9	94.1	94.2
< 1200 ≥ 1000	37.5	80.9	87.6	91.2	93.9	94.1	94.8	95.0	95.0	95.2	95.3	95.3	95.3	95.3	95.4	95.6
< 1000 ≥ 900	37.7	81.7	88.5	92.0	94.7	95.0	95.6	95.8	95.9	96.0	96.1	96.1	96.2	96.2	96.3	96.5
< 900 ≥ 800	37.8	82.2	89.1	92.7	95.4	95.7	96.4	96.6	96.6	96.8	96.9	96.9	96.9	96.9	97.1	97.2
< 800 ≥ 700	37.9	82.5	89.6	93.2	95.9	96.2	96.9	97.1	97.2	97.3	97.4	97.4	97.5	97.5	97.6	97.8
< 700 ≥ 600	37.9	82.8	90.0	93.7	96.4	96.6	97.4	97.6	97.7	97.8	97.9	97.9	98.0	98.0	98.1	98.2
< 600 ≥ 500	38.0	83.1	90.3	94.1	96.8	97.1	97.9	98.1	98.1	98.3	98.4	98.4	98.5	98.5	98.6	98.8
< 500 ≥ 400	38.0	83.2	90.5	94.4	97.1	97.4	98.2	98.4	98.5	98.6	98.8	98.8	98.8	98.8	99.0	99.1
< 400 ≥ 300	38.0	83.2	90.6	94.5	97.3	97.5	98.5	98.7	98.7	98.9	99.0	99.0	99.1	99.1	99.2	99.3
< 300 ≥ 200	38.0	83.2	90.6	94.5	97.3	97.5	98.5	98.7	98.7	98.9	99.1	99.1	99.3	99.3	99.4	99.7
< 200 ≥ 100	38.0	83.2	90.6	94.5	97.3	97.5	98.5	98.7	98.7	99.0	99.2	99.2	99.3	99.3	99.5	99.8
< 100 ≥ 0	38.0	83.2	90.6	94.5	97.3	97.5	98.5	98.7	98.7	99.0	99.2	99.2	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 3076

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

SPEED ® BOOKS ESSENTIALS INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	26.8	47.1	50.1	52.9	54.5	54.7	54.9	55.0	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.3
≥ 20000	31.8	56.0	59.6	62.6	64.5	64.7	65.0	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 18000	31.9	56.0	59.6	62.6	64.6	64.8	65.0	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.4
≥ 16000	32.0	56.3	59.9	62.8	64.8	65.0	65.3	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 14000	32.7	57.6	61.3	64.4	66.4	66.6	66.8	66.9	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2
≥ 12000	34.0	60.6	64.6	67.7	69.7	69.9	70.2	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.6
≥ 10000	35.2	63.3	67.4	70.7	72.9	73.1	73.4	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 9000	35.7	64.0	68.3	71.5	73.7	74.0	74.3	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 8000	36.1	65.1	69.4	72.7	75.0	75.2	75.5	75.6	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 7000	36.8	66.2	70.6	73.9	76.3	76.5	76.8	76.9	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 6000	37.0	66.6	71.0	74.4	76.8	77.1	77.4	77.5	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8
≥ 5000	37.5	67.9	72.3	75.9	78.3	78.6	78.9	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.3
≥ 4500	37.7	68.3	72.8	76.4	78.8	79.1	79.4	79.5	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4000	38.0	68.8	73.4	76.9	79.4	79.7	80.0	80.1	80.1	80.3	80.4	80.4	80.4	80.4	80.4	80.4
≥ 3500	38.3	69.4	74.0	77.6	80.0	80.3	80.6	80.7	80.7	80.9	81.0	81.0	81.0	81.0	81.0	81.0
≥ 3000	38.7	70.1	74.8	78.4	80.9	81.2	81.5	81.6	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9
≥ 2500	39.0	70.9	75.6	79.3	81.8	82.0	82.3	82.4	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2000	39.9	72.8	77.6	81.3	83.9	84.1	84.5	84.6	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1800	40.2	73.4	78.1	81.9	84.4	84.6	85.0	85.1	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1500	41.4	75.4	80.3	84.1	86.7	86.9	87.3	87.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1200	42.5	77.8	82.9	87.0	89.6	89.9	90.2	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.7
≥ 1000	43.3	79.8	85.1	89.4	92.2	92.4	92.9	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.4
≥ 900	43.6	80.7	86.0	90.4	93.2	93.4	93.9	94.0	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.5
≥ 800	43.8	82.0	87.6	92.1	94.9	95.1	95.6	95.7	95.7	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 700	44.0	82.6	88.3	92.9	95.7	96.0	96.5	96.6	96.6	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 600	44.0	83.0	88.7	93.4	96.4	96.6	97.2	97.3	97.3	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 500	44.1	83.4	89.2	94.0	97.0	97.2	97.8	98.0	98.1	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 400	44.1	83.6	89.4	94.2	97.3	97.6	98.2	98.4	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.1
≥ 300	44.1	83.6	89.5	94.3	97.5	97.9	98.6	98.8	98.9	99.4	99.5	99.5	99.6	99.6	99.6	99.6
≥ 200	44.1	83.6	89.5	94.4	97.6	97.9	98.6	98.9	99.1	99.6	99.6	99.6	99.7	99.8	99.8	99.8
≥ 100	44.1	83.6	89.5	94.4	97.6	97.9	98.6	98.9	99.1	99.6	99.6	99.6	99.7	99.8	99.9	100.0
0	44.1	83.6	89.5	94.4	97.6	97.9	98.6	98.9	99.1	99.6	99.6	99.6	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3127

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

SPEEDLOG® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39,6	50,4	51,3	51,8	52,1	52,1	52,1	52,1	52,1	52,1	52,1	52,1	52,1	52,1	52,1	52,1
≥ 20000	46,9	59,4	60,4	60,9	61,2	61,2	61,2	61,2	61,2	61,2	61,2	61,2	61,2	61,2	61,2	61,2
≥ 18000	47,1	59,6	60,6	61,1	61,4	61,4	61,4	61,4	61,4	61,4	61,4	61,4	61,4	61,4	61,4	61,4
≥ 16000	47,3	59,8	60,8	61,3	61,6	61,6	61,6	61,6	61,6	61,6	61,6	61,6	61,6	61,6	61,6	61,6
≥ 14000	48,6	61,8	62,7	63,3	63,6	63,6	63,6	63,6	63,6	63,6	63,6	63,6	63,6	63,6	63,6	63,6
≥ 12000	50,4	64,5	65,6	66,1	66,4	66,4	66,4	66,4	66,4	66,4	66,4	66,4	66,4	66,4	66,4	66,4
≥ 10000	51,6	66,5	67,6	68,2	68,7	68,7	68,7	68,7	68,7	68,7	68,7	68,7	68,7	68,7	68,7	68,7
≥ 9000	51,9	66,9	68,1	68,6	69,1	69,1	69,1	69,1	69,1	69,1	69,1	69,1	69,1	69,1	69,1	69,1
≥ 8000	52,5	67,8	68,9	69,5	70,0	70,0	70,0	70,0	70,0	70,0	70,0	70,0	70,0	70,0	70,0	70,0
≥ 7000	52,9	68,5	69,6	70,2	70,7	70,7	70,7	70,7	70,7	70,7	70,7	70,7	70,7	70,7	70,7	70,7
≥ 6000	53,2	69,1	70,3	70,9	71,3	71,3	71,3	71,3	71,3	71,3	71,3	71,3	71,3	71,3	71,3	71,3
≥ 5000	54,2	70,6	71,9	72,6	73,0	73,0	73,0	73,0	73,0	73,0	73,0	73,0	73,0	73,0	73,0	73,0
≥ 4500	54,8	71,3	72,7	73,3	73,8	73,8	73,8	73,8	73,8	73,8	73,8	73,8	73,8	73,8	73,8	73,8
≥ 4000	56,9	73,8	75,1	75,8	76,3	76,3	76,3	76,3	76,3	76,3	76,3	76,3	76,3	76,3	76,3	76,3
≥ 3500	58,6	75,8	77,1	77,8	78,3	78,3	78,3	78,3	78,3	78,3	78,3	78,3	78,3	78,3	78,3	78,3
≥ 3000	62,1	80,0	81,3	82,0	82,5	82,5	82,5	82,5	82,5	82,5	82,5	82,5	82,5	82,5	82,5	82,5
≥ 2500	64,5	83,2	84,5	85,3	85,8	85,8	85,8	85,8	85,8	85,8	85,8	85,8	85,8	85,8	85,8	85,8
≥ 2000	67,8	87,8	89,3	90,2	90,8	90,8	90,8	90,8	90,8	90,8	90,8	90,8	90,8	90,8	90,8	90,8
≥ 1800	68,8	89,4	91,0	91,9	92,4	92,4	92,5	92,5	92,5	92,5	92,5	92,5	92,5	92,5	92,5	92,5
≥ 1500	70,3	91,9	93,6	94,6	95,2	95,2	95,3	95,3	95,3	95,3	95,3	95,3	95,3	95,3	95,3	95,3
≥ 1200	71,2	94,0	95,8	96,8	97,4	97,4	97,5	97,5	97,5	97,5	97,5	97,5	97,5	97,5	97,5	97,5
≥ 1000	71,5	95,0	97,0	98,0	98,7	98,7	98,8	98,8	98,8	98,8	98,8	98,8	98,8	98,8	98,8	98,8
≥ 900	71,5	95,2	97,1	98,2	98,9	98,9	99,1	99,1	99,1	99,1	99,1	99,1	99,1	99,1	99,1	99,1
≥ 800	71,5	95,3	97,3	98,4	99,1	99,1	99,3	99,3	99,3	99,3	99,3	99,3	99,3	99,3	99,3	99,3
≥ 700	71,5	95,4	97,3	98,4	99,2	99,2	99,4	99,4	99,4	99,4	99,4	99,4	99,4	99,4	99,4	99,4
≥ 600	71,5	95,5	97,4	98,5	99,3	99,3	99,6	99,6	99,6	99,6	99,6	99,6	99,6	99,6	99,6	99,6
≥ 500	71,6	95,5	97,5	98,6	99,5	99,5	99,8	99,9	99,9	99,9	99,9	99,9	99,9	99,9	99,9	99,9
≥ 400	71,6	95,5	97,5	98,6	99,5	99,5	99,9	99,9	99,9	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 300	71,6	95,5	97,5	98,6	99,5	99,5	99,9	99,9	99,9	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 200	71,6	95,5	97,5	98,6	99,5	99,5	99,9	99,9	99,9	100,0	100,0	100,0	100,0	100,0	100,0	100,0
≥ 100	71,6	95,5	97,5	98,6	99,5	99,5	99,9	99,9	99,9	100,0	100,0	100,0	100,0	100,0	100,0	100,0
0	71,6	95,5	97,5	98,6	99,5	99,5	99,9	99,9	99,9	100,0	100,0	100,0	100,0	100,0	100,0	100,0

TOTAL NUMBER OF OBSERVATIONS 3130

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

SPEEDYFORM® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.0	47.2	47.4	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 20000	54.2	61.0	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 18000	54.4	61.2	61.4	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 16000	54.8	61.6	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 14000	55.6	62.6	62.9	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 12000	57.4	64.7	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 10000	59.0	66.7	67.1	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
≥ 9000	59.4	67.1	67.5	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
≥ 8000	60.3	68.4	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 7000	60.7	69.1	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 6000	61.3	69.9	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 5000	63.6	72.4	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 4500	66.3	75.6	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4000	70.1	80.5	81.0	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 3500	73.5	84.4	85.0	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3000	78.3	90.5	91.1	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9
≥ 2500	80.4	93.2	93.8	94.1	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6
≥ 2000	82.2	95.7	96.5	96.8	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	82.4	96.1	96.9	97.2	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 1500	82.8	96.6	97.4	97.8	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 1200	82.9	97.0	97.8	98.2	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 1000	83.0	97.3	98.1	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 900	83.0	97.3	98.2	98.7	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 800	83.0	97.4	98.4	98.8	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 700	83.0	97.6	98.6	99.0	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 600	83.0	97.7	98.7	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	83.0	97.7	98.7	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	83.0	97.7	98.7	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	83.0	97.7	98.7	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	83.0	97.7	98.7	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	83.0	97.7	98.7	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	83.0	97.7	98.7	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3128

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

SPEEDFLO® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.9	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 20000	59.2	66.7	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	67.0
≥ 18000	59.3	66.8	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	67.2
≥ 16000	59.8	67.5	67.8	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
≥ 14000	61.3	69.5	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 12000	63.7	72.8	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	73.2
≥ 10000	66.1	76.0	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 9000	66.7	76.8	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 8000	67.9	78.5	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 7000	68.6	79.8	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 6000	69.4	80.8	81.2	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
≥ 5000	71.5	83.5	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 4500	72.7	85.0	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4000	74.8	87.8	88.3	88.5	38.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3500	76.4	90.1	90.6	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3000	78.4	93.4	94.1	94.4	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2500	79.2	94.8	95.5	95.9	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2000	80.1	96.4	97.1	97.5	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1800	80.2	96.5	97.2	97.6	97.8	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	80.5	97.0	97.8	98.2	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	80.6	97.2	98.0	98.4	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	80.8	97.5	98.3	98.7	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	80.8	97.6	98.3	98.8	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 800	80.8	97.7	98.5	98.9	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 700	80.8	97.7	98.5	98.9	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 600	80.8	97.7	98.5	98.9	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 500	80.8	97.7	98.5	99.0	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	80.8	97.7	98.6	99.0	99.4	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	80.8	97.7	98.6	99.0	99.4	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	80.8	97.7	98.6	99.0	99.4	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	80.8	97.7	98.6	99.0	99.4	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
0	80.8	97.8	98.6	99.1	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3122

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

SPEEDHOLD® SPEED BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.1	50.4	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 20000	54.9	69.2	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 18000	55.4	69.8	70.2	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
≥ 16000	55.9	70.6	71.1	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
≥ 14000	57.6	73.2	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 12000	59.4	76.5	77.1	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 10000	62.3	81.0	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 9000	62.7	81.9	82.5	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 8000	63.6	84.0	84.6	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 7000	64.6	85.2	85.9	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 6000	65.5	86.4	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 5000	66.8	88.7	89.4	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4500	67.3	89.7	90.4	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 4000	68.6	92.0	92.7	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	68.9	92.7	93.5	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3000	70.1	94.4	95.2	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 2500	70.4	95.4	96.3	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 2000	70.8	96.3	97.3	97.9	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 1800	70.9	96.4	97.4	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 1500	71.2	96.8	97.8	98.4	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 1200	71.2	96.9	98.0	98.6	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 1000	71.2	97.0	98.1	98.9	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 900	71.2	97.1	98.2	98.9	99.3	99.3	99.3	99.3	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6
≥ 800	71.2	97.1	98.2	98.9	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 700	71.2	97.1	98.3	99.0	99.4	99.4	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	71.2	97.1	98.3	99.0	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500	71.2	97.1	98.3	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	71.2	97.1	98.3	99.2	99.5	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	71.2	97.1	98.3	99.2	99.6	99.6	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	71.2	97.1	98.3	99.2	99.6	99.6	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	71.2	97.1	98.3	99.2	99.6	99.6	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
0	71.2	97.1	98.3	99.2	99.6	99.6	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3122

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

STEPHENS © MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.3	65.3	66.3	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 20000	51.5	76.9	78.1	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 18000	51.7	77.1	78.2	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 16000	52.1	77.9	79.0	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 14000	52.7	79.3	80.5	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 12000	54.2	82.0	83.2	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 10000	55.9	85.4	86.7	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 9000	56.1	86.0	87.3	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
≥ 8000	56.8	87.4	88.7	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 7000	57.3	88.2	89.5	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
≥ 6000	57.7	89.3	90.6	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 5000	58.2	90.6	92.0	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4500	58.4	91.1	92.6	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 4000	59.1	92.5	94.0	94.5	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3500	59.3	93.1	94.7	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3000	59.7	94.2	95.8	96.3	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2500	60.0	95.1	96.7	97.2	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000	60.3	95.8	97.4	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	60.4	95.9	97.6	98.1	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	60.5	96.1	97.8	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 1200	60.6	96.4	98.1	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	60.7	96.6	98.3	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 900	60.7	96.7	98.4	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	60.7	96.7	98.4	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 700	60.7	96.8	98.6	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	60.7	96.9	98.6	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	60.7	96.9	98.6	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	60.7	96.9	98.7	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	60.7	96.9	98.7	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	60.7	96.9	98.7	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	60.7	96.9	98.7	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	60.7	96.9	98.7	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3075

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

SHI STOCK SYSTEMS, INC. ©1974 SSI

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-71 (YEARS) JUL (MONTH)

0000-0200 (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.9	67.0	69.1	70.3	70.9	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3
≥ 20000	41.6	75.3	77.8	78.7	79.3	79.3	79.6	79.6	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.8
< 20000 ≥ 18000	41.8	75.5	77.8	78.9	79.6	79.6	79.8	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0
< 18000 ≥ 16000	41.9	75.8	78.1	79.2	79.9	79.9	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
< 16000 ≥ 14000	42.8	77.5	79.8	81.0	81.6	81.6	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
< 14000 ≥ 12000	43.7	80.1	82.3	83.5	84.2	84.2	84.4	84.4	84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.6
< 12000 ≥ 10000	45.1	83.0	85.3	86.5	87.2	87.2	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
< 10000 ≥ 9000	45.3	83.4	85.7	86.9	87.6	87.6	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
< 9000 ≥ 8000	45.9	84.5	86.9	88.1	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2
< 8000 ≥ 7000	46.0	85.0	87.3	88.6	89.2	89.2	89.5	89.5	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.7
< 7000 ≥ 6000	46.4	85.5	87.8	89.1	89.7	89.7	90.0	90.0	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2
< 6000 ≥ 5000	46.8	86.3	88.6	89.9	90.6	90.6	90.9	90.9	90.9	91.0	91.0		91.0	91.0	91.0	91.0
< 5000 ≥ 4500	46.8	86.4	88.7	90.0	90.7	90.7	91.0	91.0	91.0	91.1	91.1		91.1	91.1	91.1	91.1
< 4500 ≥ 4000	47.1	87.2	89.5	90.8	91.5	91.5	91.8	91.8	91.8	91.9	91.9		91.9	91.9	91.9	91.9
< 4000 ≥ 3500	47.3	87.9	90.3	91.6	92.3	92.3	92.5	92.5	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7
< 3500 ≥ 3000	47.7	88.6	91.1	92.4	93.1	93.1	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
< 3000 ≥ 2500	48.0	89.2	91.7	93.0	93.7	93.7	94.0	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2
< 2500 ≥ 2000	48.1	89.8	92.5	93.8	94.5	94.5	94.8	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0
< 2000 ≥ 1800	48.2	89.9	92.6	93.9	94.6	94.6	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
< 1800 ≥ 1500	48.5	90.5	93.2	94.5	95.2	95.3	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
< 1500 ≥ 1200	48.9	91.3	94.0	95.4	96.1	96.1	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
< 1200 ≥ 1000	49.2	91.7	94.5	95.9	96.6	96.6	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
< 1000 ≥ 900	49.4	92.1	94.9	96.3	97.0	97.0	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
< 900 ≥ 800	49.6	92.5	95.3	96.8	97.5	97.5	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
< 800 ≥ 700	49.7	92.7	95.6	97.1	97.8	97.8	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3
< 700 ≥ 600	49.8	93.2	96.1	97.6	98.4	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
< 600 ≥ 500	49.9	93.4	96.4	97.9	98.7	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
< 500 ≥ 400	49.9	93.5	96.4	97.9	98.9	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
< 400 ≥ 300	50.0	93.6	96.7	98.3	99.2	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
< 300 ≥ 200	50.0	93.7	96.8	98.4	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
< 200 ≥ 100	50.0	93.7	96.8	98.4	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
< 100 0	50.0	93.7	96.8	98.4	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3151

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

SPEEDILOG® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	24.6	53.1	57.0	58.8	60.5	60.6	61.6	61.8	61.9	62.2	62.2	62.2	62.3	62.3	62.6	62.7
≥ 20000	28.0	60.4	64.9	66.9	68.7	68.9	69.9	70.2	70.3	70.6	70.6	70.6	70.7	70.7	71.0	71.2
≥ 18000	28.3	60.8	65.2	67.3	69.1	69.3	70.3	70.5	70.7	71.0	71.0	71.0	71.1	71.1	71.4	71.6
≥ 16000	28.6	61.4	65.9	67.9	69.7	69.9	71.0	71.2	71.4	71.7	71.7	71.7	71.8	71.8	72.1	72.3
≥ 14000	29.0	62.7	67.3	69.4	71.2	71.4	72.5	72.8	72.9	73.2	73.2	73.2	73.3	73.3	73.6	73.8
≥ 12000	30.4	65.7	70.7	72.8	74.8	75.0	76.1	76.3	76.5	76.7	76.8	76.8	76.9	76.9	77.2	77.3
≥ 10000	31.3	68.4	73.6	75.8	77.7	77.9	79.0	79.4	79.5	79.8	79.9	79.9	80.0	80.0	80.2	80.4
≥ 9000	31.7	68.9	74.2	76.4	78.3	78.5	79.6	80.0	80.1	80.4	80.5	80.5	80.6	80.6	80.9	81.1
≥ 8000	32.2	70.0	75.4	77.6	79.6	79.8	80.9	81.3	81.4	81.7	81.8	81.8	81.9	81.9	82.2	82.4
≥ 7000	32.4	70.7	76.1	78.3	80.3	80.5	81.7	82.1	82.2	82.5	82.6	82.6	82.7	82.7	83.0	83.1
≥ 6000	32.8	71.5	76.9	79.1	81.1	81.3	82.5	82.9	83.0	83.3	83.4	83.4	83.5	83.5	83.8	84.0
≥ 5000	33.0	72.1	77.7	79.9	81.9	82.1	83.3	83.6	83.8	84.1	84.2	84.2	84.3	84.3	84.6	84.7
≥ 4500	33.2	72.4	78.0	80.2	82.2	82.4	83.6	84.0	84.1	84.4	84.5	84.5	84.6	84.6	84.9	85.1
≥ 4000	33.5	73.0	78.7	80.9	82.9	83.1	84.3	84.7	84.8	85.1	85.2	85.2	85.3	85.3	85.6	85.8
≥ 3500	33.6	73.3	78.9	81.2	83.2	83.4	84.6	85.0	85.1	85.4	85.5	85.5	85.6	85.6	85.9	86.0
≥ 3000	33.9	74.3	80.0	82.2	84.2	84.4	85.6	86.0	86.2	86.5	86.6	86.6	86.7	86.7	87.0	87.1
≥ 2500	34.3	75.1	80.8	83.0	85.1	85.3	86.5	86.9	87.1	87.3	87.4	87.4	87.6	87.6	87.8	88.0
≥ 2000	34.7	76.3	82.2	84.4	86.5	86.7	87.9	88.4	88.5	88.8	88.9	88.9	89.0	89.0	89.3	89.4
≥ 1800	34.7	76.4	82.3	84.5	86.6	86.9	88.1	88.5	88.6	88.9	89.0	89.0	89.1	89.1	89.4	89.6
≥ 1500	34.8	77.2	83.2	85.5	87.6	87.8	89.0	89.5	89.6	89.9	90.0	90.0	90.1	90.1	90.4	90.5
≥ 1200	34.9	78.1	84.2	86.5	88.6	88.9	90.1	90.5	90.6	90.9	91.0	91.0	91.1	91.1	91.4	91.5
≥ 1000	35.3	79.2	85.3	87.6	89.9	90.1	91.3	91.8	91.9	92.2	92.3	92.3	92.5	92.5	92.7	92.9
≥ 900	35.5	79.8	85.9	88.3	90.6	90.8	92.1	92.5	92.6	93.0	93.1	93.1	93.2	93.2	93.5	93.7
≥ 600	36.0	81.0	87.2	89.6	91.9	92.1	93.4	93.8	94.0	94.3	94.4	94.4	94.6	94.6	94.9	95.0
≥ 700	36.3	82.0	88.3	90.7	93.0	93.2	94.5	94.9	95.1	95.4	95.5	95.5	95.7	95.7	96.0	96.1
≥ 600	36.4	82.4	88.8	91.3	93.7	93.9	95.2	95.6	95.8	96.1	96.2	96.2	96.4	96.4	96.7	96.8
≥ 500	36.6	83.0	89.6	92.3	94.7	95.0	96.4	96.8	97.0	97.3	97.4	97.4	97.6	97.6	97.9	98.0
≥ 400	36.6	83.3	90.0	92.7	95.2	95.5	96.9	97.4	97.6	97.9	98.1	98.1	98.2	98.2	98.5	98.7
≥ 300	36.6	83.5	90.2	93.0	95.6	95.9	97.3	97.9	98.0	98.4	98.5	98.5	98.6	98.6	99.0	99.1
≥ 200	36.6	83.5	90.3	93.2	95.7	96.1	97.5	98.1	98.2	98.6	98.7	98.7	99.0	99.0	99.3	99.5
≥ 100	36.6	83.6	90.3	93.2	95.8	96.1	97.7	98.2	98.3	98.8	98.9	98.9	99.2	99.2	99.6	99.8
0	36.6	83.6	90.3	93.2	95.8	96.1	97.7	98.2	98.3	98.8	98.9	98.9	99.2	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3168

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.8	44.7	47.1	48.5	49.5	49.6	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.2	50.2
≥ 20000	31.1	53.2	56.0	57.8	58.8	59.0	59.3	59.4	59.4	59.5	59.6	59.6	59.6	59.6	59.7	59.8
≥ 18000	31.3	53.6	56.3	58.1	59.2	59.3	59.7	59.7	59.7	59.8	59.9	59.9	59.9	59.9	60.0	60.1
≥ 6000	31.4	54.1	56.9	58.7	59.8	60.0	60.3	60.4	60.4	60.5	60.6	60.6	60.6	60.6	60.7	60.8
≥ 14000	32.5	56.2	59.2	61.1	62.2	62.5	62.8	62.8	62.8	63.0	63.1	63.1	63.1	63.1	63.2	63.3
≥ 12000	34.3	60.1	63.3	65.3	66.5	66.7	67.1	67.2	67.2	67.3	67.4	67.4	67.4	67.4	67.5	67.6
≥ 10000	35.7	63.3	66.7	68.8	70.1	70.3	70.7	70.8	70.8	70.9	71.0	71.0	71.0	71.0	71.1	71.2
≥ 9000	36.2	64.1	67.6	69.8	71.0	71.3	71.6	71.8	71.8	71.9	72.0	72.0	72.0	72.0	72.1	72.2
≥ 8000	36.7	65.3	69.0	71.2	72.5	72.7	73.1	73.2	73.2	73.3	73.4	73.4	73.4	73.4	73.5	73.6
≥ 7000	37.1	65.9	69.6	71.8	73.2	73.4	73.8	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.2	74.3
≥ 6000	37.5	66.7	70.4	72.6	74.0	74.2	74.6	74.7	74.7	74.8	74.9	74.9	74.9	74.9	75.0	75.1
≥ 5000	37.8	67.3	71.0	73.4	74.8	75.0	75.4	75.5	75.5	75.6	75.7	75.7	75.7	75.7	75.8	75.9
≥ 4500	37.9	67.5	71.2	73.6	75.0	75.2	75.6	75.7	75.7	75.8	75.9	75.9	75.9	75.9	76.0	76.1
≥ 4000	38.3	68.2	72.1	74.5	75.8	76.1	76.4	76.6	76.6	76.7	76.8	76.8	76.8	76.8	76.9	77.0
≥ 3500	38.5	68.6	72.5	74.9	76.2	76.5	76.8	77.0	77.0	77.1	77.2	77.2	77.2	77.2	77.3	77.4
≥ 3000	38.8	69.6	73.6	76.0	77.4	77.6	78.0	78.1	78.1	78.2	78.3	78.3	78.3	78.3	78.4	78.5
≥ 2500	39.1	70.2	74.1	76.6	78.0	78.2	78.6	78.7	78.7	78.8	78.9	78.9	78.9	78.9	79.0	79.1
≥ 2000	39.7	71.6	75.7	78.2	79.6	79.8	80.2	80.3	80.3	80.5	80.6	80.6	80.6	80.6	80.7	80.3
≥ 1800	39.9	72.1	76.2	78.7	80.1	80.3	80.7	80.8	80.8	81.0	81.1	81.1	81.1	81.1	81.2	81.3
≥ 1500	40.8	74.2	78.5	81.0	82.5	82.8	83.2	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.7	83.7
≥ 1200	41.5	76.1	80.5	83.1	84.8	85.1	85.5	85.6	85.6	85.8	85.9	85.9	85.9	85.9	86.0	86.0
≥ 1000	42.4	78.6	83.0	85.8	87.6	87.8	88.3	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.8	88.8
≥ 900	42.8	79.7	84.2	87.1	88.9	89.2	89.6	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.2	90.2
≥ 800	43.1	81.7	86.5	89.5	91.3	91.6	92.1	92.3	92.3	92.6	92.7	92.7	92.7	92.7	92.8	92.9
≥ 700	43.3	82.6	87.5	90.6	92.7	93.0	93.5	93.6	93.6	94.0	94.1	94.1	94.1	94.1	94.2	94.3
≥ 600	43.4	83.6	88.8	91.9	94.1	94.5	95.0	95.1	95.1	95.5	95.6	95.6	95.6	95.6	95.8	95.8
≥ 500	43.7	84.2	89.8	93.4	95.9	96.3	96.8	97.0	97.0	97.3	97.5	97.5	97.5	97.5	97.7	97.8
≥ 400	43.7	84.5	90.2	94.0	96.5	97.0	97.5	97.7	97.7	98.0	98.2	98.2	98.3	98.3	98.5	98.6
≥ 300	43.8	84.7	90.4	94.2	96.9	97.4	98.1	98.2	98.3	98.6	98.8	98.8	98.9	98.9	99.1	99.2
≥ 200	43.8	84.8	90.4	94.3	97.0	97.5	98.2	98.5	98.6	98.9	99.2	99.2	99.3	99.3	99.6	99.7
≥ 100	43.8	84.8	90.4	94.3	97.0	97.5	98.2	98.5	98.6	98.9	99.2	99.2	99.3	99.4	99.7	99.9
0	43.8	84.8	90.4	94.3	97.0	97.5	98.2	98.5	98.6	98.9	99.2	99.2	99.3	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3195

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

STEREOTYPED HOOPE BUSINESS FORMS INC 21

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS(ST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.7	45.4	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 20000	44.8	55.3	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 18000	45.2	55.7	56.3	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
≥ 16000	45.6	56.3	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 14000	47.6	58.9	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 12000	50.2	62.8	63.4	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
≥ 10000	51.7	65.2	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 9000	52.0	65.8	66.5	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
≥ 8000	52.8	66.9	67.6	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 7000	53.1	67.4	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 6000	53.7	68.1	68.9	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 5000	54.2	68.8	69.6	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 4500	54.7	69.3	70.1	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 4000	56.1	71.3	72.1	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 3500	57.9	73.4	74.3	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 3000	61.6	78.0	78.9	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 2500	65.0	82.6	83.4	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2000	68.5	87.8	88.8	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1800	69.1	88.8	89.7	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1500	70.5	91.8	92.9	93.4	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1200	71.5	94.3	95.5	96.0	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000	72.0	95.6	96.9	97.5	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	72.2	95.8	97.1	97.8	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	72.2	96.3	97.9	98.6	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 700	72.2	96.5	98.1	98.8	99.2	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	72.3	96.7	98.3	99.0	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 500	72.3	96.8	98.3	99.1	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	72.3	96.8	98.3	99.2	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	72.3	96.8	98.3	99.2	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	72.3	96.8	98.3	99.2	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	72.3	96.8	98.3	99.2	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	72.3	96.8	98.3	99.2	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3200

USAF ETAC FORM 8-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SPEEDFLO® MOORE BUSINESS FORMS, INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.6	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 20000	48.8	55.3	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	55.4
≥ 18000	49.0	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
≥ 16000	49.3	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 14000	50.8	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	57.9
≥ 12000	52.8	60.7	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	60.8
≥ 10000	54.8	63.2	63.3	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
≥ 9000	55.0	63.5	63.6	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
≥ 8000	55.9	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 7000	56.4	65.3	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 6000	57.0	66.2	66.3	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
≥ 5000	58.6	68.1	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 4500	60.6	70.3	70.4	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
≥ 4000	65.7	76.5	76.6	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 3500	69.3	80.9	81.1	81.2	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 3000	74.7	87.7	88.0	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2500	78.0	92.4	92.8	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	79.3	95.0	95.5	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	79.4	95.3	95.8	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
≥ 1500	80.0	96.5	97.0	97.4	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200	80.3	97.0	97.6	98.0	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	80.4	97.3	97.9	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
≥ 900	80.4	97.4	98.0	98.4	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 800	80.5	97.6	98.1	98.5	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	80.5	97.6	98.2	98.6	99.0	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 600	80.5	97.7	98.3	98.7	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500	80.5	97.7	98.3	98.8	99.3	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 400	80.5	97.7	98.3	98.8	99.3	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9
≥ 300	80.5	97.7	98.3	98.8	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	80.5	97.7	98.3	98.8	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	80.5	97.7	98.3	98.8	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0
0	80.5	97.7	98.3	98.8	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3203

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

STROUS-LESSURE BOOK INC. ©

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS(LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.8	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 20000	56.4	62.1	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 18000	56.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 16000	57.5	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	64.1	64.1
≥ 14000	59.3	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 12000	62.8	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	70.9	70.9
≥ 10000	65.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 9000	66.1	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 8000	67.0	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	77.2
≥ 7000	67.9	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 6000	68.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	70.1	81.6	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4500	71.3	83.1	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4000	73.7	86.9	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3500	75.1	88.8	89.3	89.4	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3000	77.0	92.0	92.7	92.9	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	78.1	93.8	94.5	94.8	95.0	95.0	95.1	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	78.9	95.2	96.1	96.4	96.8	96.8	96.9	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1800	79.0	95.3	96.3	96.6	96.9	97.0	97.1	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	79.1	95.8	96.8	97.2	97.6	97.6	97.8	97.9	97.9	98.0	98.1	98.1	98.2	98.2	98.2	98.2
≥ 1200	79.2	96.1	97.1	97.6	97.9	98.0	98.1	98.3	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6
≥ 1000	79.2	96.4	97.4	97.9	98.3	98.3	98.6	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 900	79.2	96.4	97.5	98.0	98.4	98.4	98.7	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 800	79.2	96.5	97.6	98.1	98.5	98.5	98.8	98.9	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 700	79.2	96.5	97.7	98.1	98.5	98.6	98.8	99.0	99.0	99.2	99.3	99.3	99.4	99.4	99.5	99.5
≥ 600	79.2	96.5	97.8	98.2	98.6	98.7	98.9	99.1	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 500	79.2	96.6	97.8	98.3	98.7	98.8	99.0	99.2	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.8
≥ 400	79.2	96.6	97.8	98.3	98.7	98.8	99.0	99.2	99.2	99.5	99.6	99.6	99.8	99.8	99.9	99.9
≥ 300	79.2	96.6	97.8	98.3	98.8	98.8	99.1	99.3	99.3	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 200	79.2	96.6	97.8	98.3	98.8	98.8	99.1	99.3	99.3	99.6	99.7	99.7	99.9	99.9	100.0	100.0
≥ 100	79.2	96.6	97.8	98.3	98.8	98.8	99.1	99.3	99.3	99.6	99.7	99.7	99.9	99.9	100.0	100.0
≥ 0	79.2	96.6	97.8	98.3	98.8	98.8	99.1	99.3	99.3	99.6	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3211

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

MOORE BUSINESS FORMS, INC. STOCK NO. 0-14-5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.4	42.7	42.9	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 20000	50.9	64.2	64.7	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
≥ 18000	51.2	64.6	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 16000	51.8	65.3	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 14000	54.6	68.8	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 12000	58.2	74.6	75.1	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 10000	61.4	79.5	80.1	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 9000	61.8	80.3	80.9	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 8000	63.2	82.7	83.3	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
≥ 7000	64.1	84.3	85.0	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 6000	65.0	85.6	86.2	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 5000	65.8	87.1	87.8	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
≥ 4500	66.1	88.0	88.7	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 4000	67.5	90.6	91.3	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500	68.1	91.6	92.4	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3000	69.1	93.8	94.7	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
≥ 2500	69.5	94.9	95.9	96.2	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6
≥ 2000	70.2	96.4	97.4	97.7	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 1800	70.2	96.4	97.5	97.8	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	70.3	96.8	97.9	98.2	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	70.3	97.0	98.2	98.5	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	70.4	97.1	98.3	98.7	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	70.4	97.3	98.4	98.8	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 800	70.4	97.4	98.5	98.9	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	70.4	97.4	98.6	99.0	99.2	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	70.4	97.5	98.7	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	70.4	97.5	98.7	99.1	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	70.4	97.5	98.7	99.2	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	70.4	97.5	98.7	99.2	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	70.4	97.5	98.7	99.2	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	70.4	97.5	98.7	99.2	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	70.4	97.5	98.7	99.2	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3198

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

MOORE BUSINESS FORMS, INC. STEELOID®

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅜	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.4	61.5	62.5	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 20000	47.4	74.0	75.1	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 18000	47.8	74.6	75.7	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 16000	48.1	75.3	76.4	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 14000	49.7	77.7	78.8	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 12000	51.5	81.6	82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 10000	53.4	85.0	86.2	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 9000	53.6	85.6	86.8	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 8000	54.3	86.9	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 7000	54.7	87.7	89.0	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 6000	55.2	88.6	89.9	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 5000	55.8	89.8	91.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4500	56.2	90.4	91.8	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4000	56.9	92.0	93.4	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3500	57.3	92.9	94.2	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000	57.9	94.2	95.6	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2500	58.0	94.7	96.1	96.8	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2000	58.5	95.5	97.0	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1800	58.6	95.7	97.3	97.9	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	58.7	95.9	97.5	98.2	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	58.8	96.1	97.8	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	58.8	96.4	98.1	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 900	58.8	96.5	98.2	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	58.9	96.6	98.4	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	58.9	96.7	98.4	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 600	59.0	96.8	98.5	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 500	59.0	96.9	98.6	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	59.0	97.0	98.8	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	59.0	97.0	98.8	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	59.1	97.0	98.9	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	59.1	97.0	98.9	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	59.1	97.0	98.9	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3164

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-70 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.7	72.3	74.7	75.8	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
V 20000	41.7	78.1	80.6	81.8	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
V 18000	41.8	78.2	80.8	81.9	82.2	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
V 16000	42.1	78.6	81.1	82.2	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
V 14000	42.9	79.8	82.3	83.5	83.8	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
V 12000	43.8	82.4	85.2	86.4	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
V 10000	44.6	84.0	86.9	88.1	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
V 9000	44.9	84.5	87.4	88.6	89.0	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
V 8000	45.3	85.3	88.2	89.5	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
V 7000	45.4	85.6	88.5	89.8	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
V 6000	45.6	86.0	89.0	90.3	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
V 5000	45.8	86.8	89.8	91.2	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
V 4500	45.8	87.1	90.1	91.6	92.0	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
V 4000	46.1	87.7	90.8	92.3	92.8	92.9	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2
V 3500	46.2	88.1	91.2	92.7	93.2	93.3	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6
V 3000	46.6	88.7	91.8	93.3	93.8	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
V 2500	46.8	89.2	92.3	93.8	94.3	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
V 2000	47.0	89.6	92.8	94.3	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
V 1800	47.2	89.8	93.0	94.5	95.0	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
V 1500	47.4	90.4	93.7	95.2	95.7	95.9	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
V 1200	47.6	90.9	94.3	95.9	96.4	96.5	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
V 1000	47.6	91.6	95.0	96.6	97.1	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
V 900	47.7	91.7	95.1	96.7	97.3	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
V 800	47.7	91.8	95.3	97.0	97.6	97.8	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
V 700	47.9	92.2	95.8	97.4	98.1	98.2	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
V 600	47.9	92.4	95.9	97.6	98.3	98.4	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
V 500	48.0	92.9	96.4	98.1	98.9	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
V 400	48.0	93.0	96.5	98.2	99.1	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
V 300	48.0	93.1	96.6	98.4	99.3	99.4	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
V 200	48.0	93.1	96.6	98.4	99.3	99.5	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0
V 100	48.0	93.1	96.6	98.4	99.3	99.5	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0
V 0	48.0	93.1	96.6	98.4	99.3	99.5	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3069

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

SPEEDFLO® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-70,72 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.7	59.6	64.6	67.3	68.9	69.1	69.6	70.0	70.0	70.3	70.3	70.3	70.4	70.5	70.5	70.8
≥ 20000	27.7	64.6	69.9	73.1	74.8	75.1	75.7	76.1	76.1	76.4	76.5	76.5	76.6	76.7	76.7	77.0
≥ 18000	27.8	64.6	70.0	73.2	75.0	75.3	75.9	76.3	76.3	76.6	76.7	76.7	76.8	76.9	76.9	77.2
≥ 16000	27.9	65.1	70.5	73.6	75.4	75.7	76.3	76.8	76.8	77.1	77.1	77.1	77.3	77.3	77.4	77.6
≥ 14000	28.5	66.2	71.7	74.9	76.7	77.0	77.5	78.0	78.0	78.3	78.3	78.3	78.5	78.5	78.6	78.9
≥ 12000	29.2	68.0	73.6	76.9	78.7	79.0	79.7	80.2	80.2	80.5	80.5	80.5	80.7	80.7	80.8	81.1
≥ 10000	29.7	69.7	75.6	79.1	81.0	81.3	82.0	82.5	82.6	82.9	83.0	83.0	83.2	83.2	83.3	83.5
≥ 9000	29.9	70.2	76.2	79.7	81.6	81.9	82.6	83.2	83.2	83.5	83.6	83.6	83.8	83.8	83.9	84.1
≥ 8000	30.3	71.2	77.1	80.7	82.7	83.0	83.7	84.2	84.2	84.5	84.6	84.6	84.8	84.8	84.9	85.2
≥ 7000	30.5	71.8	77.8	81.3	83.3	83.6	84.3	84.9	84.9	85.2	85.3	85.3	85.5	85.5	85.6	85.8
≥ 6000	30.6	72.1	78.1	81.8	83.8	84.1	84.8	85.4	85.4	85.7	85.8	85.8	86.0	86.0	86.1	86.3
≥ 5000	30.6	72.4	78.5	82.2	84.3	84.6	85.3	85.8	85.8	86.2	86.3	86.3	86.4	86.4	86.5	86.8
≥ 4500	30.7	72.8	78.9	82.6	84.6	85.0	85.7	86.2	86.2	86.5	86.6	86.6	86.8	86.8	86.9	87.2
≥ 4000	31.0	73.3	79.5	83.3	85.4	85.7	86.4	86.9	86.9	87.3	87.4	87.4	87.5	87.5	87.6	87.9
≥ 3500	31.0	73.5	79.7	83.5	85.6	85.9	86.6	87.2	87.2	87.5	87.6	87.6	87.8	87.8	87.9	88.1
≥ 3000	31.2	74.1	80.3	84.2	86.3	86.6	87.3	87.8	87.9	88.2	88.3	88.3	88.4	88.5	88.5	88.8
≥ 2500	31.4	74.7	80.9	84.8	86.9	87.2	87.9	88.4	88.5	88.8	88.9	88.9	89.1	89.1	89.2	89.4
≥ 2000	31.7	75.3	81.7	85.7	87.8	88.2	88.9	89.4	89.4	89.7	89.9	89.9	90.0	90.1	90.1	90.4
≥ 1800	31.8	75.6	81.9	85.9	88.1	88.4	89.1	89.6	89.6	90.0	90.1	90.1	90.3	90.3	90.4	90.6
≥ 1500	32.0	76.5	82.9	87.0	89.2	89.5	90.3	90.8	90.8	91.2	91.3	91.3	91.4	91.5	91.5	91.8
≥ 1200	32.3	77.5	84.0	88.1	90.3	90.6	91.4	91.9	91.9	92.3	92.4	92.4	92.5	92.6	92.6	92.9
≥ 1000	32.4	78.1	84.8	89.0	91.2	91.5	92.3	92.8	92.9	93.2	93.4	93.4	93.5	93.5	93.6	93.9
≥ 900	32.5	78.5	85.3	89.5	91.8	92.1	92.9	93.4	93.4	93.8	93.9	93.9	94.1	94.1	94.2	94.4
≥ 800	32.7	79.3	86.0	90.2	92.6	93.0	93.7	94.3	94.3	94.7	94.8	94.8	95.0	95.0	95.1	95.4
≥ 700	32.8	79.6	86.4	90.7	93.2	93.5	94.4	94.9	94.9	95.3	95.5	95.5	95.6	95.7	95.7	96.0
≥ 600	32.9	79.9	86.8	91.1	93.6	94.0	94.8	95.3	95.4	95.8	95.9	95.9	96.2	96.2	96.3	96.5
≥ 500	33.0	80.4	87.4	91.7	94.4	94.8	95.6	96.2	96.2	96.7	96.8	96.8	97.0	97.1	97.1	97.4
≥ 400	33.1	80.8	87.8	92.3	95.0	95.5	96.4	97.0	97.0	97.5	97.7	97.7	97.9	97.9	98.0	98.3
≥ 300	33.1	81.0	88.0	92.6	95.5	95.9	96.9	97.4	97.5	98.1	98.4	98.4	98.6	98.6	98.7	99.0
≥ 200	33.1	81.1	88.1	92.7	95.8	96.2	97.3	97.9	97.9	98.5	98.8	98.8	99.1	99.1	99.2	99.5
≥ 100	33.1	81.1	88.1	92.7	95.8	96.2	97.3	97.9	98.0	98.6	98.9	98.9	99.2	99.3	99.4	99.8
0	33.1	81.1	88.1	92.7	95.8	96.2	97.3	97.9	98.0	98.6	98.9	98.9	99.2	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 3099

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

SPEEDBACK® MOORE BUSINESS FORMS INC 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-70,72 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21,5	46,4	51,3	54,4	56,3	56,7	57,5	57,7	57,7	57,8	57,8	57,8	57,8	57,8	57,9	58,0
≥ 20000	24,8	53,2	58,7	62,1	64,4	64,8	65,7	66,0	66,1	66,1	66,2	66,2	66,2	66,3	66,4	66,5
≥ 18000	24,9	53,5	58,9	62,3	64,6	65,0	66,0	66,3	66,3	66,4	66,4	66,4	66,4	66,5	66,6	66,8
≥ 16000	25,1	53,9	59,3	62,7	65,1	65,4	66,4	66,7	66,7	66,8	66,8	66,8	66,9	66,9	67,0	67,2
≥ 14000	25,9	55,7	61,2	64,7	67,0	67,4	68,3	68,6	68,7	68,7	68,8	68,8	68,8	68,9	69,0	69,1
≥ 12000	27,4	59,0	64,9	68,5	70,9	71,3	72,3	72,6	72,6	72,7	72,7	72,7	72,8	72,9	73,0	73,1
≥ 10000	28,2	61,6	67,9	71,7	74,4	74,7	75,8	76,1	76,2	76,2	76,3	76,3	76,4	76,4	76,5	76,7
≥ 9000	28,4	62,2	68,5	72,4	75,1	75,4	76,5	76,8	76,9	76,9	77,0	77,0	77,0	77,1	77,2	77,4
≥ 8000	28,9	63,4	69,9	73,8	76,5	76,9	78,0	78,3	78,4	78,5	78,5	78,5	78,6	78,7	78,8	78,9
≥ 7000	29,1	63,9	70,5	74,5	77,2	77,6	78,8	79,1	79,1	79,2	79,3	79,3	79,4	79,4	79,5	79,7
≥ 6000	29,2	64,5	71,1	75,1	77,8	78,2	79,4	79,7	79,7	79,8	79,9	79,9	80,0	80,0	80,1	80,3
≥ 5000	29,5	65,1	71,9	75,9	78,6	79,0	80,2	80,5	80,5	80,6	80,7	80,7	80,8	80,8	80,9	81,1
≥ 4500	29,5	65,4	72,1	76,2	78,9	79,3	80,5	80,8	80,8	80,9	81,0	81,0	81,1	81,1	81,2	81,4
≥ 4000	29,8	65,9	72,7	76,9	79,6	80,0	81,2	81,5	81,5	81,6	81,7	81,7	81,7	81,8	81,9	82,1
≥ 3500	29,9	66,2	73,1	77,2	79,9	80,3	81,5	81,8	81,8	81,9	82,0	82,0	82,1	82,1	82,2	82,4
≥ 3000	30,2	67,0	73,9	78,1	80,8	81,2	82,4	82,7	82,7	82,8	82,9	82,9	83,0	83,0	83,1	83,3
≥ 2500	30,4	67,4	74,4	78,6	[illegible]	81,7	82,9	83,2	83,2	83,3	83,4	83,4	83,4	83,5	83,6	83,8
≥ 2000	30,9	68,4	75,5	79,8	[illegible]	82,9	84,2	84,5	84,5	84,6	84,7	84,7	84,7	84,8	84,9	85,1
≥ 1800	31,1	68,8	75,8	80,2	83,0	83,4	84,6	85,0	85,0	85,1	85,2	85,2	85,2	85,3	85,4	85,5
≥ 1500	31,5	69,8	76,9	81,2	84,2	84,5	85,8	86,1	86,1	86,2	86,3	86,3	86,4	86,4	86,5	86,7
≥ 1200	31,9	71,2	78,5	82,9	86,0	86,3	87,6	87,9	88,0	88,1	88,1	88,1	88,2	88,3	88,4	88,5
≥ 1000	32,7	73,0	80,4	84,9	88,0	88,4	89,6	90,1	90,1	90,2	90,3	90,3	90,3	90,4	90,5	90,7
≥ 900	33,0	73,8	81,2	85,8	88,9	89,3	90,5	91,0	91,0	91,1	91,2	91,2	91,3	91,4	91,5	91,6
≥ 800	33,5	75,1	82,6	87,3	90,6	91,0	92,3	92,8	92,8	92,9	92,9	92,9	93,1	93,1	93,3	93,4
≥ 700	33,7	75,8	83,6	88,4	91,9	92,3	93,7	94,1	94,2	94,3	94,4	94,4	94,5	94,6	94,7	94,8
≥ 600	33,8	76,6	84,5	89,5	93,1	93,5	94,9	95,4	95,4	95,5	95,7	95,7	95,8	95,9	96,0	96,2
≥ 500	33,9	77,3	85,6	90,7	94,4	94,9	96,3	96,8	96,9	97,0	97,1	97,1	97,2	97,3	97,4	97,6
≥ 400	34,0	77,4	85,9	91,1	95,0	95,6	97,1	97,7	97,7	97,8	98,0	98,0	98,2	98,3	98,4	98,6
≥ 300	34,0	77,5	86,0	91,3	95,3	96,0	97,5	98,1	98,2	98,4	98,6	98,6	98,9	98,9	99,1	99,2
≥ 200	34,0	77,5	86,1	91,3	95,4	96,1	97,6	98,2	98,3	98,5	98,9	98,9	99,2	99,3	99,4	99,7
≥ 100	34,0	77,5	86,1	91,3	95,4	96,1	97,6	98,2	98,3	98,5	98,9	98,9	99,3	99,4	99,6	99,8
0	34,0	77,5	86,1	91,3	95,4	96,1	97,6	98,2	98,3	98,5	98,9	99,0	99,4	99,4	99,7	100,0

TOTAL NUMBER OF OBSERVATIONS 3159

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-70,72 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅜	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.1	52.6	53.5	53.8	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 20000	44.0	59.9	60.9	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 18000	44.1	60.1	61.1	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 16000	44.4	60.4	61.4	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 14000	45.8	62.2	63.3	63.7	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 12000	48.2	66.0	67.2	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 10000	50.0	68.6	69.8	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
≥ 9000	50.4	69.1	70.3	70.8	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 8000	51.2	70.2	71.4	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 7000	51.5	70.8	72.1	72.5	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 6000	51.9	71.1	72.4	72.8	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 5000	52.5	71.9	73.2	73.6	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4500	52.9	72.4	73.7	74.1	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 4000	54.2	73.9	75.2	75.7	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3500	55.9	75.9	77.3	77.7	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3000	58.9	79.6	81.1	81.5	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2500	61.6	83.3	84.8	85.3	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2000	63.9	86.8	88.3	88.8	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1800	64.8	88.0	89.6	90.1	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1500	66.0	90.5	92.2	92.8	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1200	66.7	92.4	94.2	94.8	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	67.0	93.7	95.6	96.3	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	67.1	94.0	96.0	96.7	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	67.3	94.7	96.7	97.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	67.3	94.9	97.0	97.8	98.9	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	67.3	95.0	97.2	98.0	99.1	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	67.4	95.1	97.2	98.2	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	67.4	95.1	97.3	98.3	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	67.4	95.1	97.3	98.3	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	67.4	95.1	97.3	98.3	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	67.4	95.1	97.3	98.3	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	67.4	95.1	97.3	98.3	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3159

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

SPEEDIFORM® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-70,72 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
*10 CEILING	41.4	48.1	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 20000	53.3	61.2	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	61.5
≥ 18000	53.4	61.4	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 16000	53.5	61.7	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 14000	54.8	63.1	63.4	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
≥ 12000	57.8	66.8	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	67.2
≥ 10000	59.8	69.1	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 9000	60.2	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	69.9
≥ 8000	60.9	70.5	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 7000	61.1	70.8	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
≥ 6000	61.6	71.4	71.8	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
≥ 5000	62.9	72.9	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 4500	64.8	75.1	75.5	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
≥ 4000	68.7	80.0	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3500	72.2	84.5	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3000	76.5	89.9	90.4	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2500	78.7	93.4	93.9	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	80.2	95.5	96.1	96.4	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	80.3	95.7	96.3	96.7	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500	80.8	96.8	97.5	97.8	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	81.0	97.1	97.8	98.2	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	81.2	97.5	98.3	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	81.2	97.5	98.3	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	81.3	97.7	98.5	99.0	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	81.3	97.7	98.5	99.0	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	81.3	97.8	98.6	99.1	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	81.3	97.8	98.7	99.1	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	81.3	97.8	98.7	99.2	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	81.3	97.8	98.7	99.2	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	81.3	97.8	98.7	99.2	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	81.3	97.8	98.7	99.2	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	81.3	97.8	98.7	99.2	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3158

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

SPEEDFLO® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-70,72 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS(LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.5	49.4	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 20000	59.4	68.3	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 18000	59.6	68.5	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 16000	59.9	69.0	69.2	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
≥ 14000	62.0	71.5	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 12000	65.0	75.7	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 10000	67.8	79.2	79.5	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
≥ 9000	68.4	79.9	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 8000	69.5	81.4	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	82.0
≥ 7000	70.6	82.8	83.3	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
≥ 6000	71.2	83.5	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 5000	72.8	85.7	86.2	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
≥ 4500	73.5	86.6	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 4000	75.3	89.1	89.8	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
≥ 3500	76.4	90.7	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000	78.0	93.1	93.9	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2500	78.7	94.6	95.4	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
≥ 2000	79.3	95.5	96.4	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 1800	79.4	95.7	96.6	97.2	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	79.7	96.3	97.2	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 1200	79.8	96.5	97.5	98.2	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 1000	79.9	96.7	97.7	98.4	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	79.9	96.7	97.7	98.4	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	79.9	96.9	97.9	98.7	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 700	79.9	96.9	97.9	98.7	99.0	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5
≥ 600	80.0	97.0	98.0	98.8	99.1	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7
≥ 500	80.0	97.0	98.1	98.8	99.2	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	80.0	97.1	98.1	98.9	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	80.0	97.1	98.1	98.9	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 200	80.0	97.1	98.1	98.9	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 100	80.0	97.1	98.1	98.9	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 0	80.0	97.1	98.1	98.9	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3153

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-70,72 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.2	51.2	52.0	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 20000	51.2	70.8	72.0	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
≥ 18000	51.4	71.1	72.3	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 16000	51.8	71.6	72.9	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 14000	53.6	74.4	75.7	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 12000	56.1	78.3	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	80.2
≥ 10000	58.3	82.1	83.6	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 9000	59.1	83.2	84.7	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 8000	59.9	85.2	86.7	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 7000	60.5	86.1	87.7	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 6000	61.2	87.2	88.8	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 5000	62.1	88.7	90.4	90.9	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 4500	62.5	89.4	91.2	91.7	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4000	63.0	90.5	92.3	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3500	63.3	91.1	93.0	93.6	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3000	64.4	93.2	95.1	95.8	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2500	64.7	94.2	96.2	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	65.0	95.0	97.1	97.9	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	65.0	95.1	97.2	98.0	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	65.1	95.4	97.5	98.3	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	65.1	95.6	97.7	98.5	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0
≥ 1000	65.2	95.7	97.9	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 900	65.2	95.8	97.9	98.7	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	65.2	95.8	98.0	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 700	65.2	95.9	98.1	99.0	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	65.2	96.0	98.2	99.1	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	65.2	96.1	98.3	99.2	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	65.3	96.1	98.3	99.2	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	65.3	96.1	98.3	99.2	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	65.3	96.1	98.3	99.2	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	65.3	96.1	98.3	99.2	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	65.3	96.1	98.4	99.3	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3156

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

STEVENS ® DOOR SYSTEMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-70,72 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.7	66.9	68.1	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 20000	45.7	76.6	78.3	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
≥ 18000	45.9	77.1	78.6	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 16000	46.3	77.6	79.1	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 14000	47.4	79.9	81.4	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 12000	49.3	83.0	84.5	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
≥ 10000	50.6	85.4	87.0	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 9000	50.9	86.1	87.7	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 8000	51.6	87.6	89.3	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 7000	52.1	88.8	90.5	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 6000	52.1	89.5	91.2	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 5000	52.6	90.6	92.3	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
≥ 4500	52.9	91.1	92.8	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4000	53.3	91.9	93.6	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3500	53.6	92.4	94.2	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3000	53.9	93.2	95.0	95.8	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2500	54.1	93.7	95.5	96.3	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	54.3	94.4	96.4	97.1	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	54.3	94.4	96.4	97.1	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	54.4	94.7	96.6	97.4	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200	54.5	95.1	97.0	97.8	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	54.6	95.4	97.4	98.3	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	54.7	95.5	97.6	98.5	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	54.8	95.7	97.9	98.8	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	54.8	95.7	97.9	98.9	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	54.8	95.7	97.9	99.0	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	54.8	95.8	98.0	99.1	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	54.8	95.9	98.1	99.1	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	54.8	95.9	98.1	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	54.8	95.9	98.1	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	54.8	95.9	98.1	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	54.8	95.9	98.1	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3097

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

STOCKHAM-MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-71 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.4	66.9	69.0	70.1	70.4	70.5	70.6	70.7	70.7	70.9	70.9	70.9	71.0	71.0	71.1	71.2
≥ 20000	39.6	72.8	75.1	76.2	76.5	76.6	76.7	76.8	76.8	77.0	77.0	77.0	77.1	77.1	77.2	77.3
≥ 18000	39.8	73.0	75.3	76.5	76.8	76.8	77.0	77.1	77.1	77.2	77.3	77.3	77.4	77.4	77.5	77.5
≥ 16000	40.1	73.6	75.9	77.0	77.3	77.4	77.5	77.6	77.7	77.8	77.8	77.8	78.0	78.0	78.0	78.1
≥ 14000	40.7	74.8	77.2	78.4	78.7	78.7	78.9	79.0	79.0	79.1	79.2	79.2	79.3	79.3	79.4	79.4
≥ 12000	42.0	77.8	80.2	81.4	81.7	81.8	81.9	82.0	82.0	82.2	82.2	82.2	82.3	82.3	82.4	82.5
≥ 10000	42.7	79.4	81.9	83.1	83.4	83.5	83.6	83.7	83.8	83.9	83.9	83.9	84.1	84.1	84.2	84.2
≥ 9000	42.9	79.7	82.2	83.6	83.9	83.9	84.1	84.2	84.2	84.3	84.4	84.4	84.5	84.5	84.6	84.7
≥ 8000	43.0	80.6	83.1	84.6	84.9	85.0	85.1	85.2	85.3	85.4	85.4	85.4	85.6	85.6	85.7	85.7
≥ 7000	43.1	80.9	83.5	85.0	85.3	85.4	85.6	85.7	85.7	85.8	85.8	85.8	86.0	86.0	86.1	86.1
≥ 6000	43.4	81.4	84.0	85.4	85.8	85.8	86.0	86.1	86.2	86.3	86.3	86.3	86.4	86.4	86.5	86.6
≥ 5000	43.6	81.9	84.5	85.9	86.3	86.4	86.5	86.6	86.7	86.8	86.8	86.8	87.0	87.0	87.1	87.1
≥ 4500	43.8	82.2	84.8	86.3	86.6	86.7	86.9	87.0	87.0	87.1	87.1	87.1	87.3	87.3	87.4	87.4
≥ 4000	44.4	83.1	85.7	87.1	87.5	87.6	87.8	87.8	87.9	88.0	88.0	88.0	88.2	88.2	88.3	88.3
≥ 3500	44.4	83.5	86.1	87.5	87.9	88.0	88.2	88.3	88.3	88.4	88.5	88.5	88.6	88.6	88.7	88.7
≥ 3000	44.8	84.5	87.1	88.7	89.1	89.2	89.4	89.5	89.6	89.7	89.7	89.7	89.9	89.9	89.9	90.0
≥ 2500	45.0	85.2	87.8	89.4	89.9	90.0	90.2	90.3	90.3	90.4	90.5	90.5	90.6	90.6	90.7	90.7
≥ 2000	45.2	86.0	88.7	90.4	90.8	91.0	91.2	91.3	91.3	91.4	91.4	91.4	91.6	91.6	91.7	91.7
≥ 1800	45.2	86.2	89.0	90.7	91.1	91.2	91.4	91.5	91.5	91.7	91.7	91.7	91.8	91.8	91.9	92.0
≥ 1500	45.6	87.1	90.0	91.8	92.2	92.3	92.5	92.6	92.7	92.8	92.8	92.8	92.9	92.9	93.0	93.1
≥ 1200	46.3	88.5	91.4	93.3	93.8	93.9	94.1	94.2	94.3	94.4	94.4	94.4	94.6	94.6	94.7	94.7
≥ 1000	46.5	89.3	92.5	94.4	94.9	95.0	95.3	95.4	95.4	95.5	95.5	95.5	95.7	95.7	95.8	95.8
≥ 900	46.7	89.7	92.9	94.9	95.5	95.6	95.9	96.0	96.0	96.1	96.2	96.2	96.3	96.3	96.4	96.4
≥ 800	46.8	90.1	93.4	95.5	96.1	96.2	96.5	96.6	96.6	96.7	96.8	96.8	96.9	96.9	97.0	97.1
≥ 700	47.0	90.6	94.0	96.0	96.6	96.8	97.1	97.2	97.3	97.4	97.5	97.5	97.6	97.6	97.7	97.7
≥ 600	47.0	90.8	94.3	96.4	97.1	97.3	97.6	97.8	97.8	97.9	98.0	98.0	98.1	98.1	98.2	98.3
≥ 500	47.0	91.1	94.7	97.0	97.8	98.0	98.3	98.5	98.5	98.6	98.7	98.7	98.8	98.8	98.9	99.0
≥ 400	47.0	91.3	95.0	97.3	98.1	98.3	98.7	98.9	98.9	99.0	99.1	99.1	99.2	99.2	99.3	99.4
≥ 300	47.0	91.4	95.1	97.5	98.3	98.5	98.9	99.1	99.1	99.3	99.3	99.3	99.5	99.5	99.6	99.7
≥ 200	47.0	91.4	95.2	97.5	98.3	98.5	99.1	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.8	99.8
≥ 100	47.0	91.4	95.2	97.5	98.3	98.5	99.1	99.2	99.3	99.4	99.5	99.5	99.7	99.7	99.8	99.9
0	47.0	91.4	95.2	97.5	98.3	98.5	99.1	99.2	99.3	99.4	99.5	99.5	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3143

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

MOORE BUSINESS FORMS INC. ©0104815

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (EST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.5	56.0	60.3	62.8	64.3	64.7	65.4	65.6	65.6	66.0	66.3	66.3	66.5	66.5	66.7	67.0
≥ 20000	27.3	60.6	65.1	67.8	69.4	69.8	70.5	70.7	70.7	71.2	71.5	71.5	71.7	71.7	72.0	72.3
≥ 18000	27.3	60.7	65.2	67.9	69.6	69.9	70.6	70.8	70.8	71.4	71.6	71.6	71.8	71.9	72.1	72.4
≥ 16000	27.5	60.9	65.5	68.2	69.9	70.3	71.0	71.2	71.2	71.7	72.0	72.0	72.2	72.2	72.5	72.8
≥ 14000	28.3	62.4	67.1	69.8	71.5	71.9	72.6	72.8	72.8	73.4	73.6	73.6	73.9	73.9	74.1	74.4
≥ 12000	29.1	64.7	69.5	72.2	74.0	74.4	75.1	75.3	75.3	75.9	76.1	76.1	76.4	76.4	76.6	77.0
≥ 10000	30.0	66.2	71.1	74.0	75.8	76.2	76.9	77.1	77.2	77.7	78.0	78.0	78.2	78.2	78.4	78.8
≥ 9000	30.2	66.8	71.7	74.7	76.6	77.0	77.7	77.9	77.9	78.5	78.7	78.7	79.0	79.0	79.2	79.6
≥ 8000	30.4	67.7	72.8	75.9	77.8	78.1	78.9	79.0	79.1	79.6	79.9	79.9	80.1	80.2	80.4	80.7
≥ 7000	30.6	68.2	73.3	76.5	78.4	78.7	79.5	79.7	79.7	80.3	80.5	80.5	80.7	80.8	81.0	81.3
≥ 6000	30.9	68.7	73.9	77.0	78.9	79.3	80.0	80.2	80.2	80.8	81	81.1	81.3	81.3	81.5	81.9
≥ 5000	31.1	69.4	74.6	77.8	79.6	80.0	80.8	81.0	81.0	81.6	81.8	81.8	82.0	82.1	82.3	82.6
≥ 4500	31.3	69.7	74.9	78.1	80.0	80.4	81.2	81.3	81.4	81.9	82.2	82.2	82.4	82.5	82.7	83.0
≥ 4000	31.5	70.2	75.4	78.6	80.6	80.9	81.7	81.9	81.9	82.5	82.8	82.8	83.0	83.0	83.2	83.6
≥ 3500	31.6	70.6	75.9	79.1	81.0	81.4	82.2	82.4	82.5	83.0	83.3	83.3	83.5	83.5	83.7	84.1
≥ 3000	31.9	71.5	76.9	80.2	82.1	82.5	83.3	83.5	83.6	84.1	84.4	84.4	84.6	84.6	84.8	85.2
≥ 2500	32.1	72.4	77.8	81.2	83.3	83.6	84.5	84.7	84.7	85.3	85.5	85.5	85.7	85.8	86.0	86.3
≥ 2000	32.4	73.5	79.1	82.5	84.6	84.9	85.8	86.0	86.0	86.6	86.9	86.9	87.1	87.1	87.3	87.7
≥ 1800	32.4	73.7	79.3	82.7	84.8	85.2	86.0	86.2	86.3	86.8	87.1	87.1	87.3	87.3	87.6	87.9
≥ 1500	32.8	74.6	80.2	83.8	85.9	86.2	87.1	87.3	87.3	87.9	88.2	88.2	88.4	88.4	88.6	89.0
≥ 1200	33.1	76.2	81.9	85.5	87.7	88.1	89.0	89.2	89.2	89.8	90.0	90.0	90.2	90.3	90.5	90.8
≥ 1000	33.4	77.7	83.5	87.2	89.4	89.8	90.7	90.9	90.9	91.5	91.8	91.8	92.0	92.0	92.2	92.6
≥ 900	33.4	78.0	83.9	87.6	89.8	90.2	91.1	91.3	91.3	92.0	92.2	92.2	92.4	92.5	92.7	93.0
≥ 800	33.7	78.9	84.9	88.9	91.1	91.6	92.5	92.7	92.8	93.4	93.7	93.7	93.9	93.9	94.1	94.5
≥ 700	33.9	79.9	86.1	90.2	92.4	92.9	93.9	94.0	94.1	94.7	95.0	95.0	95.2	95.2	95.5	95.8
≥ 600	34.0	80.5	86.7	90.9	93.2	93.6	94.6	94.8	94.8	95.5	95.7	95.7	96.0	96.0	96.3	96.6
≥ 500	34.1	80.9	87.3	91.5	94.0	94.4	95.3	95.7	95.7	96.4	96.7	96.7	96.9	97.0	97.2	97.6
≥ 400	34.1	81.2	87.5	91.8	94.5	94.9	96.1	96.3	96.3	97.0	97.3	97.3	97.6	97.7	97.9	98.3
≥ 300	34.1	81.2	87.6	92.0	94.7	95.2	96.3	96.5	96.6	97.4	97.7	97.7	98.1	98.1	98.4	98.9
≥ 200	34.1	81.2	87.6	92.1	94.8	95.3	96.6	96.8	97.0	97.8	98.1	98.1	98.6	98.6	98.8	99.4
≥ 100	34.1	81.2	87.6	92.1	94.9	95.4	96.7	96.9	97.0	97.9	98.2	98.2	98.6	98.7	98.9	99.6
≥ 0	34.1	81.2	87.6	92.1	94.9	95.4	96.7	96.9	97.0	97.9	98.2	98.2	98.6	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3174

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.1	42.5	46.5	49.2	52.1	52.6	53.1	53.5	53.5	53.9	54.0	54.0	54.1	54.1	54.3	54.3
≥ 20000	24.5	49.3	53.9	57.2	60.3	60.7	61.4	61.8	61.8	62.2	62.3	62.3	62.4	62.4	62.6	62.7
≥ 18000	24.5	49.6	54.1	57.4	60.5	61.0	61.6	62.1	62.1	62.5	62.6	62.6	62.7	62.7	62.9	63.0
≥ 16000	24.7	49.7	54.3	57.5	60.7	61.1	61.8	62.2	62.3	62.6	62.8	62.8	62.9	62.9	63.1	63.2
≥ 14000	25.4	51.2	55.8	59.3	62.4	62.9	63.6	64.0	64.0	64.4	64.5	64.6	64.7	64.7	64.9	65.0
≥ 12000	26.5	53.7	58.6	62.2	65.4	65.9	66.6	67.0	67.1	67.4	67.6	67.6	67.8	67.8	67.9	68.0
≥ 10000	27.4	55.5	60.6	64.4	67.7	68.2	68.9	69.4	69.4	69.8	69.9	70.0	70.1	70.1	70.3	70.4
≥ 9000	27.8	56.3	61.4	65.3	68.6	69.2	69.9	70.4	70.4	70.8	70.9	70.9	71.1	71.1	71.3	71.4
≥ 8000	28.3	57.5	62.8	66.7	70.1	70.6	71.3	71.8	71.8	72.2	72.4	72.4	72.5	72.5	72.7	72.8
≥ 7000	28.7	58.4	63.7	67.6	71.1	71.7	72.4	72.9	73.0	73.3	73.5	73.5	73.6	73.6	73.8	73.9
≥ 6000	28.9	58.9	64.2	68.1	71.6	72.2	73.0	73.4	73.5	73.8	74.0	74.0	74.2	74.2	74.4	74.5
≥ 5000	29.4	59.6	64.9	68.8	72.3	72.9	73.7	74.2	74.2	74.6	74.7	74.7	74.9	74.9	75.1	75.2
≥ 4500	29.5	60.0	65.3	69.2	72.7	73.4	74.1	74.6	74.7	75.0	75.2	75.2	75.3	75.3	75.5	75.6
≥ 4000	29.9	61.0	66.3	70.3	73.8	74.4	75.2	75.7	75.8	76.1	76.3	76.3	76.4	76.4	76.7	76.8
≥ 3500	30.1	61.5	66.9	71.0	74.5	75.1	76.0	76.5	76.5	76.9	77.0	77.1	77.2	77.2	77.4	77.5
≥ 3000	30.5	62.5	67.9	72.0	75.5	76.2	77.0	77.5	77.6	77.9	78.1	78.1	78.2	78.2	78.5	78.5
500	31.3	63.6	69.1	73.3	76.8	77.5	78.3	78.8	78.9	79.2	79.4	79.4	79.5	79.5	79.8	79.8
≥ 2000	32.1	65.3	70.9	75.2	78.8	79.5	80.3	80.8	80.9	81.2	81.4	81.4	81.6	81.6	81.8	81.9
≥ 1800	32.2	65.7	71.3	75.7	79.2	79.9	80.7	81.3	81.3	81.7	81.8	81.9	82.0	82.0	82.3	82.3
≥ 1500	32.8	67.0	72.7	77.1	80.6	81.4	82.2	82.8	82.8	83.2	83.3	83.4	83.6	83.6	83.8	83.9
≥ 1200	33.6	68.8	74.7	79.4	83.0	83.9	84.7	85.3	85.3	85.7	85.8	85.8	86.0	86.0	86.2	86.3
≥ 1000	34.4	71.3	77.4	82.3	86.2	87.0	87.9	88.6	88.6	89.0	89.1	89.2	89.4	89.4	89.6	89.7
≥ 900	34.7	72.1	78.3	83.3	87.2	88.0	89.0	89.6	89.6	90.0	90.2	90.2	90.4	90.4	90.7	90.8
≥ 800	35.0	73.1	79.6	84.7	88.7	89.6	90.6	91.2	91.2	91.6	91.8	91.8	92.1	92.1	92.3	92.4
≥ 700	35.1	74.1	80.8	86.2	90.2	91.0	92.2	92.8	92.9	93.3	93.4	93.5	93.7	93.7	94.0	94.1
≥ 600	35.2	74.8	81.7	87.2	91.3	92.2	93.5	94.2	94.2	94.6	94.8	94.8	95.1	95.1	95.3	95.5
≥ 500	35.4	75.3	82.3	88.0	92.3	93.3	94.9	95.7	95.8	96.2	96.4	96.4	96.7	96.7	97.0	97.1
≥ 400	35.4	75.5	82.5	88.3	92.8	93.9	95.6	96.5	96.5	97.1	97.3	97.3	97.6	97.6	97.8	98.0
≥ 300	35.4	75.6	82.7	88.5	93.1	94.2	96.0	97.1	97.1	97.9	98.1	98.1	98.5	98.5	98.8	98.9
≥ 200	35.4	75.6	82.7	88.5	93.1	94.2	96.1	97.2	97.2	98.1	98.4	98.4	98.9	99.0	99.3	99.6
≥ 100	35.4	75.6	82.7	88.5	93.1	94.2	96.1	97.2	97.3	98.2	98.4	98.5	99.0	99.1	99.5	99.8
0	35.4	75.6	82.7	88.5	93.1	94.2	96.1	97.2	97.3	98.2	98.4	98.5	99.0	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 3235

USAF ETAC FORM JUL 54 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SYSTEMS © MOORE BUSINESS FORMS INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.7	50.9	51.5	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 20000	45.5	59.3	60.0	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
≥ 18000	45.6	59.4	60.2	60.7	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 16000	45.9	59.8	60.6	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	46.8	61.4	62.1	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 12000	48.2	63.7	64.5	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 10000	49.7	66.2	66.9	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 9000	50.0	66.7	67.4	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 8000	50.4	67.9	68.7	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 7000	50.9	68.5	69.3	70.0	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 6000	51.2	68.9	69.7	70.4	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 5000	51.8	69.7	70.6	71.3	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4500	52.0	70.1	71.0	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 4000	53.1	71.6	72.5	73.2	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3500	54.0	72.9	73.7	74.5	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 3000	56.4	75.8	76.7	77.6	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 2500	58.4	78.6	79.5	80.3	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2000	61.6	82.8	83.8	84.6	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1800	62.4	83.9	85.0	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1500	64.4	87.4	88.7	89.5	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1200	65.6	90.5	91.8	92.7	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	66.2	92.2	93.6	94.7	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900	66.6	92.9	94.4	95.5	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	66.9	93.6	95.3	96.5	97.2	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	67.1	94.1	96.0	97.2	97.9	98.1	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	67.1	94.4	96.3	97.7	98.5	98.7	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	67.1	94.5	96.5	98.0	98.8	99.0	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	67.1	94.5	96.6	98.0	98.9	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 300	67.1	94.5	96.6	98.0	98.9	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	67.1	94.5	96.6	98.0	98.9	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	67.1	94.5	96.6	98.0	98.9	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	67.1	94.5	96.6	98.0	98.9	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3225

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

SPEEDIFOLD® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.2	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.8
≥ 20000	54.3	59.4	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
≥ 18000	54.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9
≥ 16000	54.8	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 14000	55.9	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	61.5
≥ 12000	57.8	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3
≥ 10000	60.0	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	67.3
≥ 9000	60.4	67.5	67.5	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
≥ 8000	61.3	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0
≥ 7000	61.7	69.2	69.4	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
≥ 6000	62.1	69.6	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 5000	63.5	71.2	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	71.8
≥ 4500	64.4	72.3	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 4000	67.5	76.1	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
≥ 3500	70.8	80.1	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8
≥ 3000	74.8	85.2	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0
≥ 2500	77.3	88.8	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8
≥ 2000	79.0	91.5	92.1	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1800	79.5	92.3	92.9	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1500	80.2	93.8	94.5	94.9	95.1	95.1	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1200	80.8	95.3	96.0	96.5	96.8	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	81.1	95.9	96.7	97.3	97.6	97.6	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	81.2	96.1	96.8	97.5	97.8	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3
≥ 800	81.2	96.3	97.2	97.9	98.3	98.4	98.5	93.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9
≥ 700	81.3	96.5	97.4	98.1	98.6	98.7	98.9	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 600	81.3	96.5	97.4	98.2	98.8	98.9	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 500	81.3	96.6	97.5	98.3	98.9	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	81.3	96.6	97.5	98.3	98.9	99.0	99.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	81.3	96.6	97.5	98.3	98.9	99.1	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	81.3	96.6	97.5	98.3	98.9	99.1	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	81.3	96.6	97.5	98.3	98.9	99.1	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0
0	81.3	96.6	97.5	98.3	98.9	99.1	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3232

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

SPEEDISO® MOORE BUSINESS FORMS INC. 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 20000	63.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
< 20000 ≥ 18000	63.2	69.5	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	69.6
< 18000 ≥ 16000	63.5	70.0	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
< 16000 ≥ 14000	64.6	71.6	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
< 14000 ≥ 12000	67.2	75.3	75.4	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
< 12000 ≥ 10000	69.5	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
< 10000 ≥ 9000	70.1	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
< 9000 ≥ 8000	71.2	81.1	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
< 8000 ≥ 7000	72.0	82.1	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
< 7000 ≥ 6000	72.5	83.1	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
< 6000 ≥ 5000	73.7	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
< 5000 ≥ 4500	74.2	85.3	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
< 4500 ≥ 4000	75.7	87.6	88.0	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
< 4000 ≥ 3500	76.8	89.2	89.6	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
< 3500 ≥ 3000	78.0	91.1	91.6	91.9	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
< 3000 ≥ 2500	78.8	92.5	93.1	93.5	93.6	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
< 2500 ≥ 2000	79.4	93.7	94.4	94.9	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
< 2000 ≥ 1800	79.7	94.2	94.9	95.4	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
< 1800 ≥ 1500	80.0	94.9	95.8	96.4	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
< 1500 ≥ 1200	80.2	95.5	96.5	97.1	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
< 1200 ≥ 1000	80.3	95.9	96.9	97.6	97.8	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
< 1000 ≥ 900	80.3	95.9	97.0	97.8	98.0	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
< 900 ≥ 800	80.4	96.2	97.4	98.2	98.6	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
< 800 ≥ 700	80.4	96.3	97.6	98.3	98.8	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
< 700 ≥ 600	80.4	96.4	97.6	98.4	98.9	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
< 600 ≥ 500	80.4	96.5	97.8	98.6	99.0	99.1	99.4	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
< 500 ≥ 400	80.4	96.5	97.8	98.6	99.1	99.2	99.5	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
< 400 ≥ 300	80.4	96.5	97.8	98.6	99.1	99.2	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
< 300 ≥ 200	80.4	96.5	97.8	98.6	99.1	99.2	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
< 200 ≥ 100	80.4	96.5	97.8	98.6	99.1	99.2	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
< 100 ≥ 0	80.4	96.5	97.8	98.6	99.1	99.2	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3231

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

SPEEDFORM® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.8	59.7	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 20000	52.4	70.7	71.3	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
≥ 18000	52.6	71.1	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 16000	52.8	71.4	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 14000	54.1	73.2	73.9	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
≥ 12000	56.6	77.0	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 10000	58.4	80.4	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 9000	58.9	81.4	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 8000	59.7	82.9	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 7000	60.3	84.1	84.8	84.9	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 6000	60.8	85.1	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 5000	61.6	86.5	87.3	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4500	62.0	87.2	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4000	62.8	88.8	89.8	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
≥ 3500	63.1	89.6	90.6	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3000	64.0	91.1	92.2	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2500	64.1	92.1	93.3	93.6	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2000	64.7	93.4	94.8	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1800	64.9	93.9	95.3	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	65.1	94.6	96.1	96.6	96.9	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	65.3	95.2	96.7	97.3	97.6	97.6	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1000	65.3	95.4	96.9	97.6	98.0	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	65.3	95.5	97.1	97.7	98.1	98.1	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	65.4	95.7	97.3	98.0	98.5	98.5	98.5	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	65.5	95.9	97.4	98.2	98.6	98.7	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	65.5	96.0	97.6	98.4	98.9	98.9	99.0	99.3	99.3	99.4	99.5	99.3	99.5	99.5	99.5	99.5
≥ 500	65.5	96.1	97.7	98.5	99.0	99.0	99.2	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	65.5	96.1	97.7	98.5	99.0	99.1	99.3	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	65.5	96.1	97.7	98.5	99.1	99.1	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	65.5	96.1	97.7	98.5	99.1	99.1	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	65.5	96.1	97.7	98.5	99.1	99.1	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	65.5	96.1	97.7	98.5	99.1	99.1	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3232

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

STEGERLOG® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) SEP (MONTH)

2100-2300 (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.0	66.3	67.2	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.0
≥ 20000	46.0	73.7	74.7	75.3	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 18000	46.2	73.9	75.0	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 16000	46.6	74.3	75.4	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2
≥ 14000	47.7	76.1	77.2	77.8	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 12000	48.9	79.0	80.1	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 10000	49.8	81.1	82.3	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 9000	50.0	81.5	82.8	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 8000	50.6	82.7	84.0	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 7000	51.1	83.6	84.9	85.7	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 6000	51.3	84.4	85.8	86.5	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 5000	51.8	85.4	86.7	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7
≥ 4500	52.3	86.1	87.5	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4000	53.0	87.7	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
≥ 3500	53.4	88.5	89.9	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9
≥ 3000	54.0	89.8	91.3	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2500	54.2	90.5	92.0	92.7	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	54.6	91.6	93.2	93.9	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	54.8	91.9	93.5	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7
≥ 1500	55.1	92.7	94.4	95.3	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200	55.5	93.6	95.3	96.4	96.7	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	55.7	94.3	96.1	97.3	97.6	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	55.8	94.6	96.3	97.5	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 800	55.9	94.8	96.6	97.8	98.2	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	56.0	95.2	97.0	98.3	98.7	98.7	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	56.0	95.4	97.2	98.6	99.0	99.1	99.2	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	56.0	95.5	97.4	98.7	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	56.0	95.6	97.4	98.8	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	56.0	95.6	97.4	98.8	99.3	99.4	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	56.0	95.6	97.4	98.8	99.3	99.4	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	56.0	95.6	97.4	98.8	99.3	99.4	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
0	56.0	95.6	97.4	98.8	99.3	99.4	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3175

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

SPECIFIED BY MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-71 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.1	66.0	69.1	70.9	72.0	72.2	72.5	72.7	72.8	72.9	73.0	73.0	73.2	73.2	73.4	73.5
≥ 20000	35.0	69.7	72.9	74.6	75.8	76.0	76.3	76.5	76.6	76.7	76.8	76.8	77.0	77.0	77.2	77.4
≥ 18000	35.0	69.8	73.0	74.8	75.9	76.2	76.4	76.6	76.7	76.8	76.9	76.9	77.1	77.1	77.3	77.5
≥ 16000	35.2	70.0	73.2	75.0	76.2	76.4	76.7	76.9	76.9	77.0	77.1	77.1	77.4	77.4	77.6	77.7
≥ 14000	35.5	70.8	74.1	75.8	77.0	77.2	77.5	77.7	77.8	77.9	78.0	78.0	78.2	78.2	78.4	78.6
≥ 12000	36.0	72.2	75.5	77.3	78.5	78.7	79.0	79.1	79.2	79.3	79.4	79.4	79.6	79.7	79.9	80.0
≥ 10000	36.4	73.6	76.9	78.7	79.8	80.0	80.3	80.5	80.6	80.7	80.8	80.8	81.0	81.0	81.2	81.4
≥ 9000	36.7	74.3	77.5	79.3	80.5	80.7	81.0	81.2	81.2	81.4	81.5	81.5	81.7	81.7	81.9	82.0
≥ 8000	37.0	75.1	78.3	80.1	81.3	81.5	81.8	82.0	82.0	82.2	82.3	82.3	82.5	82.5	82.7	82.8
≥ 7000	37.5	76.2	79.5	81.2	82.4	82.6	82.9	83.1	83.1	83.3	83.4	83.4	83.6	83.6	83.8	83.9
≥ 6000	37.7	76.8	80.2	81.9	83.1	83.3	83.6	83.8	83.9	84.0	84.1	84.1	84.3	84.3	84.5	84.7
≥ 5000	38.2	77.8	81.2	83.0	84.2	84.4	84.7	84.9	85.0	85.1	85.2	85.2	85.4	85.4	85.6	85.8
≥ 4500	38.4	78.2	81.6	83.4	84.6	84.8	85.1	85.3	85.4	85.5	85.6	85.6	85.8	85.8	86.0	86.2
≥ 4000	38.9	79.0	82.5	84.3	85.5	85.7	86.0	86.2	86.3	86.4	86.5	86.5	86.7	86.8	86.9	87.1
≥ 3500	39.1	79.9	83.4	85.3	86.4	86.7	87.0	87.2	87.2	87.4	87.5	87.5	87.7	87.7	87.9	88.0
≥ 3000	39.6	80.9	84.4	86.3	87.5	87.7	88.0	88.2	88.3	88.4	88.5	88.5	88.7	88.7	88.9	89.1
≥ 2500	40.0	81.9	85.4	87.3	88.5	88.7	89.0	89.2	89.3	89.4	89.5	89.5	89.7	89.7	90.0	90.1
≥ 2000	40.3	83.1	86.7	88.6	89.9	90.1	90.4	90.6	90.7	90.8	90.9	90.9	91.1	91.2	91.4	91.5
≥ 1800	40.5	83.5	87.1	89.1	90.4	90.6	91.0	91.2	91.2	91.3	91.4	91.4	91.7	91.7	91.9	92.1
≥ 1500	40.7	84.3	88.0	90.1	91.4	91.7	92.0	92.2	92.3	92.4	92.5	92.5	92.7	92.7	92.9	93.1
≥ 1200	41.3	85.3	89.2	91.4	92.7	92.9	93.3	93.5	93.6	93.7	93.8	93.8	94.0	94.0	94.2	94.4
≥ 1000	41.6	86.4	90.4	92.7	94.1	94.3	94.6	94.8	94.9	95.0	95.1	95.1	95.3	95.3	95.6	95.7
≥ 900	41.8	86.9	90.9	93.3	94.7	94.9	95.3	95.4	95.5	95.6	95.7	95.7	95.9	96.0	96.2	96.3
≥ 800	41.8	87.6	91.7	94.1	95.5	95.7	96.1	96.3	96.4	96.5	96.6	96.6	96.8	96.9	97.1	97.2
≥ 700	41.9	87.8	92.0	94.5	95.9	96.1	96.5	96.7	96.8	96.9	97.0	97.0	97.2	97.2	97.4	97.6
≥ 600	41.9	88.3	92.6	95.1	96.5	96.7	97.2	97.4	97.4	97.5	97.6	97.6	97.8	97.9	98.1	98.2
≥ 500	42.0	88.4	92.7	95.2	96.8	97.0	97.4	97.6	97.7	97.8	97.9	97.9	98.1	98.1	98.3	98.5
≥ 400	42.0	88.5	92.8	95.3	96.9	97.1	97.6	97.8	97.9	98.0	98.1	98.1	98.3	98.3	98.6	98.7
≥ 300	42.0	88.6	92.9	95.4	97.0	97.2	97.8	97.9	98.0	98.2	98.3	98.3	98.5	98.6	98.8	99.0
≥ 200	42.0	88.6	92.9	95.7	97.3	97.5	98.1	98.2	98.4	98.6	98.7	98.7	98.9	98.9	99.1	99.4
≥ 100	42.0	88.6	92.9	95.7	97.3	97.5	98.1	98.3	98.4	98.7	98.8	98.8	99.1	99.2	99.5	99.7
0	42.0	88.6	92.9	95.7	97.3	97.5	98.1	98.3	98.4	98.7	98.8	98.8	99.1	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 3246

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

SPEEDIFORM® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.6	55.0	60.2	63.0	65.0	65.5	66.8	67.2	67.2	68.0	68.3	68.4	69.1	69.1	69.4	69.9
≥ 20000	26.6	57.7	63.1	65.9	68.0	68.4	69.7	70.1	70.1	71.0	71.4	71.4	72.1	72.1	72.4	73.0
≥ 18000	26.7	57.9	63.4	66.1	68.2	68.6	69.9	70.3	70.3	71.2	71.6	71.6	72.3	72.4	72.6	73.2
≥ 16000	26.9	58.1	63.5	66.3	68.4	68.8	70.1	70.5	70.5	71.4	71.8	71.8	72.5	72.5	72.8	73.4
≥ 14000	27.2	58.9	64.4	67.2	69.2	69.7	71.0	71.4	71.4	72.3	72.6	72.7	73.3	73.4	73.6	74.2
≥ 12000	27.8	60.2	65.8	68.7	70.8	71.2	72.5	72.9	72.9	73.8	74.2	74.2	74.9	74.9	75.2	75.7
≥ 10000	28.3	61.2	66.8	69.7	71.8	72.2	73.6	74.0	74.0	74.9	75.2	75.3	75.9	76.0	76.2	76.8
≥ 9000	28.3	61.3	67.0	69.9	72.0	72.4	73.8	74.2	74.2	75.1	75.4	75.5	76.1	76.2	76.5	77.0
≥ 8000	29.0	62.4	68.2	71.1	73.3	73.7	75.1	75.5	75.5	76.4	76.7	76.8	77.4	77.5	77.7	78.3
≥ 7000	29.3	63.1	69.1	72.0	74.1	74.5	75.9	76.3	76.3	77.2	77.6	77.6	78.3	78.3	78.6	79.1
≥ 6000	29.9	64.1	70.0	73.0	75.1	75.5	77.0	77.4	77.4	78.3	78.6	78.7	79.3	79.4	79.6	80.2
≥ 5000	30.7	65.5	71.4	74.5	76.6	77.1	78.5	78.9	78.9	79.8	80.2	80.2	80.9	80.9	81.2	81.7
≥ 4500	30.9	65.9	71.8	74.9	77.0	77.5	78.9	79.3	79.3	80.2	80.6	80.6	81.3	81.3	81.6	82.1
≥ 4000	31.3	66.6	72.7	75.7	77.9	78.3	79.8	80.2	80.2	81.0	81.4	81.4	82.1	82.2	82.4	83.0
≥ 3500	31.4	67.2	73.3	76.5	78.7	79.1	80.6	81.0	81.0	81.9	82.2	82.3	82.9	83.0	83.2	83.8
≥ 3000	31.8	68.2	74.4	77.6	79.8	80.3	81.8	82.2	82.2	83.1	83.5	83.5	84.2	84.2	84.5	85.0
≥ 2500	32.2	69.1	75.3	78.6	80.9	81.3	82.9	83.3	83.3	84.2	84.6	84.6	85.3	85.3	85.6	86.1
≥ 2000	33.1	71.0	77.2	80.7	83.0	83.4	85.0	85.4	85.4	86.3	86.7	86.7	87.4	87.4	87.7	88.3
≥ 1800	33.3	71.5	77.8	81.2	83.5	83.9	85.6	86.0	86.0	86.9	87.3	87.3	88.0	88.0	88.3	88.9
≥ 1500	33.5	72.4	78.7	82.1	84.5	85.0	86.6	87.0	87.0	87.9	88.3	88.3	89.0	89.1	89.3	89.9
≥ 1200	33.9	73.8	80.2	83.7	86.1	86.6	88.3	88.7	88.7	89.6	90.0	90.0	90.7	90.8	91.0	91.6
≥ 1000	34.5	75.3	81.9	85.5	88.0	88.5	90.1	90.6	90.6	91.4	91.8	91.9	92.5	92.6	92.8	93.4
≥ 900	34.9	75.8	82.4	86.1	88.6	89.1	90.8	91.2	91.2	92.1	92.5	92.5	93.2	93.2	93.5	94.1
≥ 800	34.7	76.3	82.9	86.7	89.3	89.8	91.5	91.9	91.9	92.8	93.2	93.2	93.9	94.0	94.2	94.8
≥ 700	34.9	76.8	83.5	87.4	90.0	90.5	92.2	92.6	92.6	93.5	93.9	93.9	94.6	94.7	94.9	95.5
≥ 600	35.1	77.4	84.3	88.3	91.0	91.5	93.2	93.6	93.6	94.5	94.9	95.0	95.6	95.7	95.9	96.5
≥ 500	35.2	77.8	84.7	88.9	91.6	92.1	93.9	94.4	94.4	95.3	95.7	95.7	96.4	96.5	96.7	97.3
≥ 400	35.2	78.1	85.1	89.2	92.0	92.6	94.4	94.8	94.8	95.8	96.2	96.2	96.9	96.9	97.2	97.9
≥ 300	35.2	78.3	85.4	89.6	92.4	93.0	94.9	95.3	95.3	96.4	96.8	96.8	97.5	97.5	97.8	98.4
≥ 200	35.2	78.4	85.4	89.7	92.7	93.3	95.2	95.7	95.7	96.9	97.3	97.3	98.0	98.1	98.4	99.1
≥ 100	35.2	78.4	85.4	89.7	92.9	93.5	95.4	95.8	95.8	97.1	97.6	97.6	98.3	98.4	98.8	99.5
≥ 0	35.2	78.4	85.4	89.7	92.9	93.5	95.4	95.8	95.8	97.1	97.6	97.6	98.4	98.5	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3270

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

SPEEDBOOK INC. NOW BUSINESS FORMS SYSTEMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.5	41.5	46.5	50.6	54.6	55.6	57.6	58.7	58.8	60.1	60.8	60.8	61.0	61.0	61.4	61.8
≥ 20000	22.7	45.2	50.6	55.0	59.2	60.3	62.3	63.5	63.6	65.0	65.7	65.8	66.0	66.0	66.4	66.8
≥ 18000	22.9	45.5	50.9	55.3	59.5	60.5	62.6	63.8	63.9	65.3	66.0	66.1	66.3	66.3	66.7	67.1
≥ 16000	22.9	45.8	51.3	55.7	59.9	60.9	63.0	64.1	64.3	65.7	66.4	66.5	66.7	66.7	67.1	67.5
≥ 14000	23.3	46.6	52.2	56.7	60.9	61.9	64.1	65.3	65.4	66.8	67.5	67.6	67.8	67.8	68.2	68.6
≥ 12000	24.0	48.1	54.0	58.5	62.8	63.8	66.0	67.1	67.3	68.7	69.4	69.5	69.7	69.7	70.1	70.5
≥ 10000	24.5	49.5	55.5	60.0	64.3	65.3	67.6	68.7	68.9	70.3	71.0	71.1	71.3	71.3	71.7	72.2
≥ 9000	24.5	49.8	55.9	60.4	64.7	65.8	68.0	69.2	69.3	70.7	71.5	71.5	71.8	71.8	72.1	72.6
≥ 8000	24.9	50.9	57.1	61.6	65.9	67.0	69.2	70.4	70.5	72.0	72.7	72.7	73.0	73.0	73.4	73.8
≥ 7000	25.1	51.6	57.8	62.4	66.8	67.8	70.1	71.3	71.5	72.9	73.7	73.7	74.0	74.0	74.3	74.8
≥ 6000	25.7	52.6	58.9	63.5	68.0	69.0	71.3	72.6	72.7	74.2	74.9	74.9	75.2	75.2	75.5	76.0
≥ 5000	26.3	53.5	59.8	64.4	68.9	69.9	72.2	73.5	73.7	75.1	75.8	75.9	76.1	76.1	76.5	77.0
≥ 4500	26.6	54.0	60.3	64.9	69.4	70.4	72.8	74.0	74.2	75.6	76.4	76.4	76.7	76.7	77.0	77.5
≥ 4000	26.9	54.7	61.1	65.7	70.3	71.4	73.7	75.0	75.1	76.6	77.3	77.3	77.6	77.6	78.0	78.4
≥ 3500	27.2	55.7	62.1	66.7	71.3	72.4	74.7	76.0	76.1	77.6	78.3	78.4	78.6	78.6	79.0	79.4
≥ 3000	27.9	57.0	63.5	68.1	72.9	74.0	76.3	77.6	77.8	79.2	80.0	80.0	80.3	80.3	80.6	81.1
≥ 2500	28.4	58.0	64.6	69.3	74.0	75.2	77.5	78.8	79.0	80.4	81.2	81.2	81.5	81.5	81.8	82.3
≥ 2000	29.2	59.6	66.3	71.1	75.8	77.0	79.4	80.7	80.8	82.3	83.0	83.0	83.3	83.3	83.7	84.1
≥ 1800	29.5	60.2	67.0	71.7	76.5	77.7	80.0	81.4	81.5	83.0	83.8	83.8	84.1	84.1	84.4	84.9
≥ 1500	29.9	61.6	68.6	73.4	78.3	79.5	81.8	83.3	83.4	84.8	85.6	85.6	85.9	85.9	86.3	86.7
≥ 1200	30.7	63.3	70.5	75.4	80.4	81.6	84.0	85.5	85.6	87.1	87.8	87.9	88.1	88.1	88.5	89.0
≥ 1000	31.3	64.7	72.5	77.5	82.7	83.9	86.4	87.8	88.0	89.5	90.3	90.4	90.6	90.6	91.0	91.4
≥ 900	31.4	65.4	73.2	78.4	83.6	84.8	87.3	88.7	88.9	90.4	91.2	91.3	91.6	91.6	91.9	92.4
≥ 800	31.7	66.4	74.5	79.8	85.1	86.3	88.8	90.3	90.5	92.0	92.9	92.9	93.2	93.2	93.6	94.0
≥ 700	31.8	67.1	75.2	80.7	86.2	87.4	90.0	91.6	91.8	93.4	94.2	94.3	94.5	94.5	94.9	95.3
≥ 600	31.9	67.6	75.8	81.4	86.9	88.2	91.0	92.6	92.7	94.3	95.2	95.2	95.5	95.5	95.9	96.3
≥ 500	31.9	68.0	76.3	82.1	87.9	89.2	92.1	93.7	93.9	95.6	96.4	96.5	96.8	96.8	97.1	97.7
≥ 400	31.9	68.2	76.6	82.6	88.4	89.7	92.7	94.4	94.7	96.4	97.2	97.3	97.6	97.6	98.0	98.5
≥ 300	31.9	68.2	76.7	82.7	88.6	89.9	93.0	94.7	95.0	96.8	97.7	97.7	98.1	98.1	98.5	99.1
≥ 200	31.9	68.2	76.7	82.7	88.6	89.9	93.0	94.8	95.0	96.8	97.8	97.8	98.3	98.3	98.7	99.3
≥ 100	31.9	68.2	76.7	82.7	88.6	89.9	93.0	94.8	95.0	96.9	97.8	97.9	98.4	98.4	98.9	99.6
0	31.9	68.2	76.7	82.7	88.6	89.9	93.0	94.8	95.0	96.9	97.9	97.9	98.5	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3333

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

SPEEDILOG® MOORE BUSINESS FORMS INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) OCT (MONTH)

0900-1100 (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.8	56.1	58.2	59.4	60.3	60.4	60.5	60.7	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 20000	41.9	62.0	64.2	65.7	66.8	66.9	67.1	67.2	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 18000	42.1	62.3	64.7	66.1	67.2	67.3	67.4	67.5	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 16000	42.3	62.7	65.1	66.5	67.7	67.7	67.9	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 14000	43.0	64.0	66.9	68.0	69.1	69.2	69.3	69.4	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 12000	43.6	65.1	67.6	69.2	70.3	70.4	70.5	70.7	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 10000	44.3	66.6	69.2	70.8	71.9	72.0	72.1	72.2	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 9000	44.5	67.0	69.6	71.2	72.3	72.4	72.5	72.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 8000	44.9	67.7	70.3	71.9	73.0	73.1	73.2	73.4	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 7000	45.6	68.6	71.3	72.9	74.0	74.1	74.3	74.4	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 6000	45.8	69.2	71.9	73.5	74.7	74.8	74.9	75.0	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 5000	46.5	70.1	72.8	74.4	75.6	75.7	75.8	76.0	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 4500	46.8	70.6	73.3	74.9	76.1	76.2	76.3	76.5	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 4000	47.6	71.6	74.4	76.0	77.2	77.4	77.5	77.6	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 3500	48.4	73.0	75.8	77.5	78.7	78.8	79.0	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000	49.8	75.0	77.8	79.6	80.8	80.9	81.0	81.2	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 2500	51.7	77.5	80.3	82.1	83.3	83.5	83.6	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 2000	53.1	79.9	82.8	84.6	85.9	86.0	86.1	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1800	54.0	81.2	84.1	85.9	87.2	87.3	87.4	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1500	55.3	83.4	86.5	88.3	89.6	89.7	89.9	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1200	56.6	86.1	89.3	91.3	92.7	92.8	93.0	93.2	93.2	93.5	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	57.0	87.5	91.0	93.0	94.5	94.6	94.9	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 900	57.3	88.2	91.8	93.8	95.3	95.5	95.7	95.9	96.0	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800	57.5	89.1	92.8	94.9	96.4	96.6	96.8	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	57.6	89.5	93.3	95.3	96.9	97.1	97.4	97.5	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	57.7	89.9	93.6	95.8	97.5	97.7	98.0	98.2	98.3	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 500	57.7	90.0	93.9	96.2	98.0	98.2	98.6	98.8	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 400	57.7	90.0	93.9	96.3	98.1	98.4	98.8	99.1	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	57.7	90.0	93.9	96.3	98.1	98.4	98.8	99.1	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	57.7	90.0	93.9	96.3	98.1	98.4	98.8	99.1	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	57.7	90.0	93.9	96.3	98.1	98.4	98.8	99.1	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	57.7	90.0	93.9	96.3	98.1	98.4	98.8	99.1	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3336

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

STEEBOLD® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.5	58.3	58.6	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 20000	57.5	66.6	67.0	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 18000	57.7	67.0	67.3	67.6	67.7	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 16000	58.1	67.4	67.7	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
≥ 14000	58.8	68.6	68.9	69.2	69.3	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 12000	59.9	70.4	70.7	71.0	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 10000	61.3	72.0	72.3	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 9000	61.5	72.4	72.7	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 8000	62.4	73.4	73.8	74.1	74.2	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 7000	62.9	74.3	74.6	74.9	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 6000	63.3	74.7	75.1	75.4	75.5	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 5000	64.3	76.1	76.5	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 4500	65.3	77.3	77.7	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4000	67.5	80.0	80.4	80.7	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3500	69.6	82.3	82.7	83.1	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3000	72.8	86.4	86.9	87.2	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2500	74.8	89.2	89.8	90.2	90.4	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2000	76.6	92.0	92.6	93.1	93.3	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1800	77.1	92.9	93.4	93.9	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500	77.8	94.0	94.6	95.1	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1200	78.2	95.1	95.7	96.3	96.6	96.6	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	78.5	95.8	96.5	97.0	97.5	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	78.5	96.0	96.7	97.3	97.8	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	78.7	96.4	97.2	97.8	98.4	98.4	98.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	78.7	96.6	97.4	98.1	98.6	98.7	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	78.7	96.6	97.5	98.3	98.9	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	78.7	96.6	97.5	98.4	99.0	99.1	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	78.7	96.6	97.5	98.4	99.0	99.2	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	78.7	96.6	97.5	98.4	99.1	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	78.7	96.6	97.5	98.4	99.1	99.3	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	78.7	96.6	97.5	98.4	99.1	99.3	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	78.7	96.6	97.5	98.4	99.1	99.3	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3339

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.9	62.9	63.5	63.7	63.8	63.8	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 20000	62.6	72.3	72.8	73.1	73.2	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 18000	62.9	72.7	73.3	73.5	73.6	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 16000	63.4	73.2	73.8	74.0	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 14000	64.4	74.6	75.1	75.4	75.5	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 12000	65.6	76.4	77.0	77.2	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 10000	67.0	78.3	78.8	79.0	79.2	79.3	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5
≥ 9000	67.4	78.6	79.2	79.4	79.6	79.6	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9
≥ 8000	68.7	80.2	80.8	81.0	81.2	81.2	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5
≥ 7000	69.5	81.5	82.0	82.3	82.5	82.5	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8
≥ 6000	70.4	82.6	83.2	83.4	83.6	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 5000	71.4	83.9	84.5	84.7	85.0	85.0	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4500	71.8	84.6	85.1	85.4	85.6	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4000	73.3	86.6	87.2	87.5	87.7	87.8	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3500	74.5	88.3	89.1	89.4	89.6	89.7	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3000	75.6	90.4	91.2	91.5	91.7	91.8	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500	76.1	91.4	92.3	92.7	92.9	92.9	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	77.0	93.3	94.5	95.0	95.2	95.3	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	77.1	93.6	94.7	95.2	95.5	95.6	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	77.3	94.3	95.4	95.9	96.2	96.3	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	77.5	95.1	96.3	96.8	97.2	97.2	97.6	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	77.7	95.8	97.0	97.6	98.0	98.1	98.4	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	77.7	95.9	97.1	97.8	98.2	98.2	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	77.8	96.1	97.4	98.1	98.6	98.6	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	77.8	96.2	97.5	98.3	98.7	98.8	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	77.8	96.2	97.6	98.4	98.9	99.0	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	77.8	96.2	97.6	98.5	99.0	99.0	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	77.8	96.3	97.8	98.6	99.1	99.2	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	77.8	96.3	97.8	98.6	99.1	99.2	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	77.8	96.3	97.8	98.6	99.1	99.2	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	77.8	96.3	97.8	98.6	99.1	99.2	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	77.8	96.3	97.8	98.6	99.1	99.2	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3336

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

HOOPE BUSINESS FORMS, INC. 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.3	68.9	70.6	71.2	71.8	71.8	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0
≥ 20000	49.4	74.5	76.4	77.0	77.6	77.6	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8
≥ 18000	49.6	74.9	76.8	77.4	78.0	78.0	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2
≥ 16000	49.7	75.1	77.0	77.6	78.2	78.2	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4
≥ 14000	50.4	76.0	77.9	78.5	79.1	79.1	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3
≥ 12000	51.2	77.5	79.5	80.1	80.6	80.6	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9
≥ 10000	51.8	79.0	81.0	81.7	82.3	82.3	82.4	82.4	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.6
≥ 9000	52.0	79.5	81.5	82.2	82.8	82.8	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1
≥ 8000	52.8	81.0	83.1	83.8	84.4	84.4	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7
≥ 7000	53.3	82.1	84.2	84.9	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8
≥ 6000	54.1	83.2	85.4	86.0	86.6	86.6	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9
≥ 5000	54.9	84.6	86.7	87.4	88.0	88.0	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4500	55.1	85.3	87.5	88.2	88.7	88.7	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4000	55.8	86.6	88.7	89.4	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3
≥ 3500	56.2	87.4	89.6	90.3	90.8	90.8	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3000	56.9	88.7	91.1	91.8	92.4	92.4	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2500	57.2	90.0	92.3	93.2	93.8	93.8	94.0	94.0	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2
≥ 2000	57.6	91.4	93.9	94.8	95.5	95.5	95.7	95.7	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9
≥ 1800	57.7	91.6	94.1	95.0	95.7	95.7	95.9	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	57.9	92.3	94.9	95.8	96.5	96.5	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200	57.9	93.1	95.7	96.7	97.5	97.5	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1000	58.0	93.5	96.2	97.2	98.1	98.1	98.3	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	58.0	93.7	96.5	97.5	98.3	98.3	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8
≥ 800	58.1	93.9	96.7	97.7	98.6	98.6	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	58.1	94.1	96.9	97.9	98.8	98.8	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	58.1	94.1	97.0	98.1	99.0	99.0	99.3	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	58.1	94.2	97.0	98.2	99.2	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	58.1	94.2	97.1	98.3	99.2	99.2	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	58.1	94.2	97.1	98.3	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 200	58.1	94.2	97.1	98.3	99.3	99.3	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	58.1	94.2	97.1	98.3	99.3	99.3	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
0	58.1	94.2	97.1	98.3	99.3	99.3	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3333

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

SPEEDISET® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.2	70.7	72.9	74.2	75.0	75.0	75.3	75.3	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5
≥ 20000	42.3	74.8	77.3	78.8	79.5	79.5	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 18000	42.4	75.0	77.5	78.9	79.6	79.6	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1
≥ 16000	42.6	75.3	77.7	79.2	79.9	79.9	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.4
≥ 14000	43.0	76.0	78.4	79.9	80.6	80.6	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.1
≥ 12000	43.6	77.1	79.8	81.0	81.7	81.7	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.3
≥ 10000	44.2	78.5	81.0	82.4	83.1	83.1	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6
≥ 9000	44.4	78.9	81.4	82.9	83.6	83.6	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.1
≥ 8000	45.1	80.0	82.6	84.0	84.7	84.7	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.2	85.2
≥ 7000	45.9	81.2	83.9	85.3	86.0	86.0	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5
≥ 6000	46.0	82.2	85.0	86.4	87.1	87.1	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6
≥ 5000	46.6	83.3	86.1	87.5	88.3	88.3	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.8
≥ 4500	45.7	83.9	86.6	88.1	88.9	88.9	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.4
≥ 4000	47.2	84.9	87.6	89.1	89.9	89.9	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.4	90.4
≥ 3500	47.6	85.7	88.5	90.0	90.8	90.8	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.3	91.3
≥ 3000	48.2	87.1	90.0	91.6	92.3	92.3	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.8	92.9
≥ 2500	48.4	87.8	90.8	92.4	93.1	93.1	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.6	93.7
≥ 2000	48.6	89.0	92.0	93.7	94.4	94.4	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.9	95.0
≥ 1800	48.7	89.3	92.3	94.0	94.7	94.7	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.3
≥ 1500	49.1	90.2	93.3	95.1	95.8	95.8	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.4
≥ 1200	49.4	91.0	94.1	95.9	96.7	96.7	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3
≥ 1000	49.5	91.7	94.8	96.8	97.5	97.5	97.9	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.2
≥ 900	49.6	92.1	95.2	97.2	97.9	97.9	98.3	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.6
≥ 800	49.7	92.5	95.5	97.5	98.3	98.3	98.7	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	99.0
≥ 700	49.7	92.6	95.7	97.7	98.5	98.5	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.2
≥ 600	49.7	92.7	95.9	97.9	98.7	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.4
≥ 500	49.8	92.8	96.0	98.0	98.8	98.8	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.5	99.5
≥ 400	49.8	92.8	96.0	98.0	98.9	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7
≥ 300	49.8	92.8	96.0	98.0	98.9	98.9	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7
≥ 200	49.8	92.8	96.1	98.0	98.9	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8
≥ 100	49.8	92.8	96.1	98.0	98.9	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8
0	49.8	92.8	96.1	98.0	98.9	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3276

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-71 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.4	54.5	57.2	59.7	61.7	61.9	62.5	62.9	62.9	63.4	63.6	63.6	64.0	64.0	64.4	65.3
≥ 20000	28.7	57.8	60.7	63.3	65.4	65.6	66.3	66.6	66.6	67.1	67.3	67.3	67.7	67.7	68.1	69.0
≥ 18000	28.7	57.[illegible]	60.8	63.3	65.4	65.6	66.3	66.7	66.7	67.1	67.4	67.4	67.7	67.7	68.1	69.1
≥ 16000	29.0	58.3	61.2	63.8	65.9	66.0	66.7	67.1	67.1	67.6	67.8	67.8	68.2	68.2	68.6	69.5
≥ 14000	29.3	59.0	61.9	64.5	66.6	66.8	67.5	67.9	67.9	68.4	68.6	68.6	69.0	69.0	69.4	70.3
≥ 12000	30.0	60.6	63.6	66.2	68.5	68.7	69.4	69.8	69.8	70.2	70.5	70.5	70.8	70.8	71.3	72.2
≥ 10000	30.7	62.1	65.2	67.8	70.1	70.3	71.1	71.5	71.5	71.9	72.2	72.2	72.5	72.5	72.9	73.9
≥ 9000	30.8	62.3	65.4	68.2	70.6	70.7	71.5	71.9	71.9	72.3	72.6	72.6	73.0	73.0	73.4	74.4
≥ 8000	31.3	63.6	66.8	69.5	71.9	72.1	72.9	73.3	73.3	73.8	74.1	74.1	74.4	74.4	74.8	75.8
≥ 7000	31.9	65.1	68.3	71.1	73.4	73.6	74.5	74.9	74.9	75.4	75.6	75.6	76.0	76.0	76.4	77.4
≥ 6000	32.2	66.2	69.4	72.3	74.8	75.0	75.9	76.3	76.3	76.7	77.0	77.0	77.4	77.4	77.8	78.8
≥ 5000	33.2	68.4	71.6	74.6	77.0	77.2	78.1	78.5	78.5	79.0	79.3	79.3	79.6	79.6	80.0	81.0
≥ 4500	33.5	69.1	72.3	75.3	77.8	78.0	78.9	79.3	79.3	79.7	80.0	80.0	80.3	80.3	80.8	81.7
≥ 4000	33.9	70.1	73.4	76.4	78.9	79.1	80.0	80.4	80.4	80.9	81.1	81.1	81.5	81.5	81.9	82.9
≥ 3500	34.1	70.9	74.2	77.3	79.8	80.0	80.9	81.3	81.3	81.8	82.2	82.2	82.5	82.5	82.9	83.9
≥ 3000	34.8	72.3	75.6	78.7	81.2	81.4	82.3	82.7	82.7	83.3	83.6	83.6	83.9	83.9	84.4	85.3
≥ 2500	35.3	73.6	77.1	80.2	82.8	83.0	83.9	84.3	84.3	84.9	85.2	85.2	85.6	85.6	86.0	87.0
≥ 2000	36.4	76.2	79.8	83.0	85.7	85.9	86.9	87.3	87.3	87.9	88.2	88.2	88.6	88.6	89.0	90.0
≥ 1800	36.6	76.7	80.4	83.7	86.4	86.6	87.5	88.0	88.0	88.6	88.9	88.9	89.2	89.2	89.6	90.6
≥ 1500	37.1	78.2	82.0	85.3	88.1	88.3	89.3	89.7	89.7	90.3	90.6	90.6	91.0	91.0	91.4	92.[illegible]
≥ 1200	37.5	79.4	83.2	86.6	89.5	89.7	90.7	91.2	91.2	91.8	92.1	92.1	92.4	92.4	92.8	93.8
≥ 1000	37.7	80.4	84.4	87.9	90.8	91.1	92.1	92.6	92.6	93.3	93.5	93.5	93.9	93.9	94.3	95.3
≥ 900	37.8	80.8	84.9	88.4	91.4	91.6	92.7	93.2	93.2	93.8	94.1	94.1	94.5	94.5	94.9	95.9
≥ 800	37.9	81.3	85.5	89.0	92.1	92.3	93.4	93.9	93.9	94.5	94.8	94.8	95.2	95.2	95.6	96.6
≥ 700	37.9	81.7	85.9	89.5	92.6	92.9	94.0	94.5	94.5	95.2	95.5	95.5	95.9	95.9	96.3	97.3
≥ 600	38.0	81.9	86.1	89.7	92.9	93.2	94.4	94.9	94.9	95.6	95.9	95.9	96.3	96.3	96.8	97.7
≥ 500	38.0	82.0	86.2	89.9	93.1	93.4	94.7	95.2	95.2	96.0	96.3	96.3	96.7	96.7	97.1	98.1
≥ 400	38.0	82.1	86.4	90.0	93.4	93.7	95.0	95.6	95.6	96.5	96.8	96.8	97.2	97.2	97.6	98.6
≥ 300	38.0	82.1	86.4	90.1	93.5	93.8	95.2	95.8	95.8	96.7	97.0	97.0	97.4	97.5	97.9	98.9
≥ 200	38.0	82.1	86.4	90.1	93.5	93.8	95.3	95.9	95.9	96.8	97.1	97.1	97.5	97.6	98.0	99.0
≥ 100	38.0	82.1	86.4	90.1	93.5	93.8	95.3	95.9	95.9	96.9	97.2	97.2	97.7	97.7	98.2	99.2
0	38.0	82.1	86.4	90.1	93.5	93.8	95.3	95.9	95.9	96.9	97.2	97.2	97.9	97.9	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2145

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

SPEEDFOLD® MOORE BUSINESS FORMS, INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-71 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅜	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.1	46.8	50.0	53.1	55.2	55.5	56.7	57.1	57.2	58.4	58.7	58.7	59.3	59.3	60.0	61.3
≥ 20000	22.0	49.5	52.9	56.0	58.4	58.6	59.9	60.3	60.4	61.6	62.0	62.0	62.5	62.6	63.2	64.5
≥ 18000	22.0	49.5	52.9	56.0	58.4	58.7	59.9	60.3	60.4	61.6	62.0	62.0	62.6	62.8	63.2	64.5
≥ 16000	22.1	49.7	53.1	56.3	58.7	59.0	60.2	60.6	60.7	61.9	62.3	62.3	62.8	62.9	63.5	64.8
≥ 14000	22.3	50.1	53.5	56.8	59.2	59.5	60.8	61.2	61.3	62.5	62.8	62.8	63.4	63.4	64.1	65.4
≥ 12000	23.4	52.3	55.8	59.2	61.6	61.9	63.2	63.5	63.6	64.9	65.2	65.2	65.8	65.8	66.5	67.7
≥ 10000	23.7	53.2	56.8	60.1	62.6	63.0	64.3	64.7	64.8	66.1	66.4	66.4	67.0	67.0	67.6	68.9
≥ 9000	23.8	53.6	57.3	60.6	63.2	63.5	64.9	65.3	65.4	66.7	67.0	67.0	67.6	67.6	68.2	69.5
≥ 8000	24.2	54.5	58.3	61.6	64.2	64.6	66.1	66.5	66.6	67.8	68.2	68.2	68.8	68.8	69.4	70.7
≥ 7000	25.0	55.9	59.8	63.2	65.8	66.1	67.7	68.1	68.2	69.5	69.8	69.8	70.4	70.4	71.0	72.3
≥ 6000	25.4	57.1	61.1	64.5	67.0	67.5	69.0	69.5	69.6	70.9	71.2	71.2	71.8	71.8	72.5	73.7
≥ 5000	26.5	59.4	63.5	66.9	69.5	69.9	71.5	72.0	72.1	73.3	73.7	73.7	74.3	74.3	75.0	76.2
≥ 4500	26.7	59.9	64.0	67.5	70.1	70.5	72.1	72.6	72.7	73.9	74.3	74.3	74.9	74.9	75.6	76.8
≥ 4000	27.3	61.2	65.5	69.1	71.7	72.2	73.7	74.3	74.4	75.7	76.0	76.0	76.6	76.6	77.3	78.5
≥ 3500	27.7	62.7	67.0	70.6	73.3	73.7	75.3	75.8	75.9	77.2	77.6	77.6	78.2	78.2	78.9	80.1
≥ 3000	28.1	63.9	68.3	71.9	74.7	75.1	76.8	77.3	77.4	78.7	79.1	79.1	79.7	79.7	80.3	81.6
≥ 2500	28.7	65.1	69.6	73.4	76.2	76.7	78.4	78.9	79.0	80.4	80.8	80.8	81.3	81.4	82.0	83.3
≥ 2000	29.5	66.9	71.6	75.6	78.5	79.0	80.7	81.2	81.3	82.7	83.2	83.2	83.8	83.8	84.4	85.7
≥ 1800	29.6	67.6	72.4	76.4	79.4	79.8	81.6	82.1	82.2	83.6	84.0	84.0	84.6	84.6	85.3	86.6
≥ 1500	30.1	69.2	74.0	78.1	81.1	81.6	83.3	83.9	84.0	85.4	85.8	85.8	86.4	86.4	87.1	88.3
≥ 1200	30.6	70.9	75.8	80.1	83.2	83.7	85.5	86.1	86.2	87.6	88.0	88.0	88.6	88.6	89.3	90.5
≥ 1000	31.0	72.4	77.6	82.0	85.1	85.6	87.4	88.0	88.0	89.5	89.9	89.9	90.5	90.5	91.2	92.4
≥ 900	31.0	72.9	78.2	82.7	85.8	86.3	88.1	88.7	88.8	90.2	90.7	90.7	91.3	91.3	91.9	93.2
≥ 800	31.1	73.5	79.0	83.5	86.7	87.2	89.0	89.6	89.7	91.2	91.6	91.6	92.2	92.2	92.8	94.1
≥ 700	31.2	73.9	79.7	84.3	87.5	88.0	89.9	90.4	90.6	92.0	92.4	92.4	93.0	93.1	93.7	95.0
≥ 600	31.2	74.3	80.0	84.6	87.9	88.4	90.3	90.9	91.0	92.5	92.9	92.9	93.5	93.5	94.2	95.5
≥ 500	31.3	74.7	80.7	85.4	88.8	89.4	91.4	92.0	92.1	93.6	94.0	94.0	94.7	94.7	95.3	96.6
≥ 400	31.3	74.8	80.8	85.7	89.1	89.7	91.8	92.4	92.5	94.1	94.5	94.5	95.2	95.2	95.8	97.2
≥ 300	31.3	74.8	80.9	85.8	89.3	89.8	92.1	92.7	92.8	94.5	94.9	94.9	95.6	95.7	96.4	97.8
≥ 200	31.3	74.9	81.0	85.9	89.4	90.0	92.3	93.0	93.1	94.9	95.3	95.3	96.2	96.2	97.0	98.4
≥ 100	31.3	74.9	81.0	85.9	89.5	90.0	92.3	93.0	93.1	94.9	95.4	95.4	96.3	96.4	97.2	98.8
≥ 0	31.3	74.9	81.0	85.9	89.5	90.0	92.4	93.0	93.2	94.9	95.4	95.4	96.5	96.6	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 3146

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

SPEEDFLO® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) NOV (MONTH)

0600-0800 (HOURS(LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	16.7	33.5	37.5	40.2	43.6	44.1	46.2	47.5	47.6	48.9	49.8	49.8	50.5	50.6	50.7	51.8
≥ 20000	17.8	36.9	41.3	44.5	48.5	49.1	51.5	52.9	53.1	54.6	55.5	55.5	56.2	56.3	56.5	57.6
≥ 18000	17.8	36.9	41.4	44.5	48.6	49.1	51.5	53.0	53.1	54.6	55.5	55.5	56.3	56.3	56.5	57.6
≥ 16000	17.9	37.1	41.5	44.7	48.7	49.4	51.7	53.2	53.3	54.8	55.7	55.7	56.5	56.6	56.7	57.9
≥ 14000	18.1	37.9	42.5	45.6	49.8	50.4	52.9	54.4	54.5	56.1	57.0	57.0	57.7	57.8	57.9	59.1
≥ 12000	18.8	39.7	44.6	47.9	52.1	52.7	55.4	56.9	57.0	58.5	59.5	59.5	60.2	60.3	60.5	61.6
≥ 10000	19.5	41.8	46.8	50.3	54.4	55.1	57.9	59.5	59.6	61.1	62.1	62.1	62.8	62.9	63.1	64.2
≥ 9000	19.7	42.5	47.5	51.0	55.2	55.9	58.7	60.3	60.4	62.0	62.9	62.9	63.7	63.7	63.9	65.0
≥ 8000	20.0	43.5	48.7	52.2	56.6	57.3	60.1	61.7	61.9	63.4	64.4	64.4	65.2	65.2	65.4	66.5
≥ 7000	20.6	44.8	50.1	53.8	58.1	58.9	61.7	63.4	63.6	65.1	66.1	66.1	66.9	66.9	67.1	68.2
≥ 6000	21.3	46.0	51.4	55.2	59.6	60.5	63.3	65.0	65.2	66.7	67.7	67.7	68.5	68.6	68.8	69.9
≥ 5000	22.1	47.5	53.1	57.0	61.6	62.4	65.4	67.1	67.3	68.8	69.8	69.8	70.6	70.7	70.9	72.0
≥ 4500	22.5	48.0	53.6	57.6	62.2	63.1	66.1	67.9	68.0	69.6	70.6	70.6	71.4	71.4	71.6	72.7
≥ 4000	22.9	49.0	54.8	58.8	63.5	64.4	67.5	69.2	69.4	71.0	72.0	72.0	72.8	72.9	73.1	74.3
≥ 3500	23.2	50.0	55.8	59.9	64.6	65.6	68.6	70.4	70.6	72.3	73.2	73.2	74.0	74.1	74.3	75.5
≥ 3000	23.9	51.3	57.4	61.6	66.4	67.4	70.4	72.2	72.4	74.1	75.1	75.1	75.9	76.0	76.2	77.4
≥ 2500	24.7	52.6	58.8	63.2	67.9	68.9	72.1	73.9	74.1	75.9	76.9	76.9	77.7	77.7	77.9	79.1
≥ 2000	25.4	54.7	61.2	65.9	70.9	71.8	75.1	76.9	77.1	79.0	80.0	80.0	80.9	80.9	81.1	82.3
≥ 1800	25.5	55.2	61.8	66.6	71.5	72.5	75.8	77.6	77.9	79.8	80.8	80.8	81.7	81.7	81.9	83.1
≥ 1500	26.1	56.6	63.4	68.3	73.5	74.6	77.9	79.9	80.1	82.0	83.0	83.0	83.9	84.0	84.2	85.4
≥ 1200	25.5	58.1	65.1	70.3	75.8	76.9	80.4	82.4	82.6	84.5	85.6	85.6	86.5	86.5	86.8	88.0
≥ 1000	26.7	59.3	66.4	71.9	77.4	78.6	82.2	84.2	84.4	86.4	87.4	87.4	88.4	88.4	88.6	89.8
≥ 900	26.8	59.6	66.8	72.3	78.0	79.2	82.8	84.8	85.0	87.0	88.0	88.0	89.0	89.0	89.3	90.4
≥ 800	26.8	60.2	67.5	73.2	78.9	80.2	84.0	86.0	86.2	88.3	89.4	89.4	90.4	90.4	90.7	91.9
≥ 700	26.9	60.8	68.3	74.0	79.8	81.2	85.0	87.1	87.4	89.5	90.6	90.6	91.6	91.6	91.9	93.1
≥ 600	27.0	61.2	68.9	74.7	80.6	82.0	85.9	88.1	88.3	90.5	91.6	91.6	92.6	92.7	92.9	94.1
≥ 500	27.0	61.4	69.2	75.3	81.5	83.0	87.1	89.3	89.6	91.9	93.1	93.1	94.1	94.2	94.5	95.7
≥ 400	27.0	61.4	69.4	75.6	82.0	83.5	87.7	90.0	90.2	92.8	94.0	94.0	95.1	95.2	95.5	96.7
≥ 300	27.0	61.4	69.4	75.6	82.0	83.6	87.9	90.3	90.5	93.2	94.5	94.5	95.7	95.8	96.1	97.5
≥ 200	27.0	61.4	69.4	75.7	82.1	83.7	88.0	90.4	90.7	93.5	94.9	95.0	96.2	96.3	96.7	98.3
≥ 100	27.0	61.4	69.4	75.7	82.1	83.7	88.0	90.4	90.7	93.5	95.1	95.1	96.4	96.6	97.2	99.0
0	27.0	61.4	69.4	75.7	82.1	83.7	88.0	90.4	90.7	93.5	95.1	95.1	96.4	96.6	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 3229

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

SPEEDIFLO® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.1	45.7	47.8	49.6	51.1	51.5	52.0	52.4	52.5	52.9	53.1	53.1	53.1	53.1	53.1	53.1
≥ 20000	35.8	52.5	54.9	57.0	58.9	59.2	60.0	60.4	60.5	61.1	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000	35.9	52.7	55.1	57.2	59.1	59.4	60.2	60.6	60.7	61.3	61.4	61.4	61.5	61.5	61.5	61.5
≥ 16000	36.1	53.1	55.5	57.6	59.5	59.9	60.6	61.1	61.2	61.8	62.0	62.0	62.0	62.0	62.0	62.0
≥ 14000	36.7	54.2	56.8	58.9	60.8	61.1	61.9	62.3	62.4	63.0	63.2	63.2	63.2	63.2	63.2	63.3
≥ 12000	37.7	56.0	58.7	60.8	62.8	63.1	64.0	64.4	64.5	65.2	65.4	65.4	65.4	65.4	65.4	65.5
≥ 10000	38.4	57.7	60.5	62.6	64.6	65.0	65.9	66.3	66.4	67.1	67.3	67.3	67.3	67.3	67.3	67.4
≥ 9000	38.8	58.4	61.3	63.4	65.5	65.9	66.8	67.2	67.3	68.0	68.3	68.3	68.4	68.4	68.4	68.4
≥ 8000	39.3	59.5	62.3	64.7	66.8	67.3	68.1	68.5	68.6	69.3	69.6	69.6	69.7	69.7	69.7	69.7
≥ 7000	39.7	60.6	63.8	66.0	68.3	68.8	69.6	70.1	70.1	70.8	71.1	71.1	71.2	71.2	71.2	71.2
≥ 6000	40.2	61.5	64.7	67.0	69.3	69.8	70.6	71.1	71.2	71.9	72.2	72.2	72.3	72.3	72.3	72.3
≥ 5000	40.7	62.4	65.7	68.2	70.5	71.0	71.9	72.4	72.5	73.2	73.6	73.6	73.7	73.7	73.7	73.7
≥ 4500	41.0	62.8	66.3	68.8	71.1	71.7	72.6	73.1	73.2	73.9	74.2	74.2	74.3	74.3	74.3	74.3
≥ 4000	41.4	63.9	67.5	69.9	72.3	72.9	73.9	74.4	74.5	75.2	75.5	75.6	75.6	75.6	75.6	75.7
≥ 3500	42.0	65.1	68.8	71.4	73.8	74.4	75.4	75.9	76.0	76.7	77.1	77.1	77.2	77.2	77.2	77.2
≥ 3000	42.9	66.7	70.4	73.0	75.6	76.2	77.2	77.7	77.8	78.5	78.9	78.9	79.0	79.0	79.0	79.0
≥ 2500	44.3	68.7	72.5	75.1	77.7	78.4	79.4	79.9	79.9	80.7	81.1	81.1	81.2	81.2	81.2	81.2
≥ 2000	46.0	71.4	75.3	78.1	80.8	81.5	82.6	83.1	83.2	83.9	84.3	84.3	84.4	84.4	84.4	84.4
≥ 1800	46.5	72.2	76.1	78.9	81.6	82.4	83.4	83.9	84.0	84.8	85.2	85.2	85.2	85.2	85.2	85.3
≥ 1500	47.4	74.8	78.8	81.6	84.6	85.3	86.5	86.9	87.0	87.8	88.2	88.2	88.3	88.3	88.3	88.3
≥ 1200	48.3	77.0	81.1	84.0	87.1	87.9	89.0	89.5	89.6	90.5	90.8	90.8	90.9	90.9	90.9	90.9
≥ 1000	48.6	78.3	82.6	85.6	88.9	89.7	90.9	91.4	91.6	92.5	92.8	92.8	93.0	93.0	93.0	93.0
≥ 900	48.9	78.8	83.3	86.4	89.8	90.6	91.9	92.4	92.6	93.5	93.8	93.8	94.0	94.0	94.0	94.0
≥ 800	48.9	79.5	84.3	87.4	90.9	91.8	93.1	93.6	93.8	94.8	95.1	95.2	95.3	95.3	95.3	95.4
≥ 700	49.1	79.8	84.7	88.1	91.6	92.5	94.0	94.6	94.8	95.7	96.1	96.2	96.3	96.3	96.3	96.3
≥ 600	49.1	80.1	85.1	88.7	92.3	93.4	95.1	95.6	95.8	96.8	97.3	97.3	97.5	97.5	97.5	97.6
≥ 500	49.2	80.4	85.4	89.1	92.9	94.0	95.8	96.5	96.7	97.8	98.3	98.4	98.5	98.5	98.6	98.6
≥ 400	49.2	80.4	85.5	89.3	93.2	94.3	96.2	96.8	97.1	98.2	98.8	98.8	99.0	99.0	99.1	99.1
≥ 300	49.2	80.4	85.5	89.3	93.3	94.4	96.4	97.1	97.3	98.6	99.2	99.2	99.4	99.4	99.5	99.6
≥ 200	49.2	80.4	85.5	89.4	93.4	94.5	96.5	97.2	97.4	98.9	99.4	99.4	99.7	99.7	99.8	99.8
≥ 100	49.2	80.4	85.5	89.4	93.4	94.5	96.5	97.2	97.4	98.9	99.4	99.4	99.7	99.8	99.9	100.0
0	49.2	80.4	85.5	89.4	93.4	94.5	96.5	97.2	97.4	98.9	99.4	99.4	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3226

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

SPEEDILOG® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.5	52.0	52.8	53.0	53.3	53.3	53.5	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 20000	53.5	60.9	61.9	62.2	62.4	62.5	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 18000	53.7	61.4	62.3	62.6	62.9	63.0	63.1	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3
≥ 16000	54.4	62.0	63.0	63.3	63.6	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 14000	55.3	63.3	64.2	64.6	64.8	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2
≥ 12000	56.9	65.4	66.4	66.7	67.1	67.1	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 10000	58.3	67.4	68.5	68.8	69.2	69.3	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 9000	59.1	68.4	69.5	69.9	70.3	70.4	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 8000	59.6	69.2	70.4	70.8	71.3	71.3	71.5	71.6	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8
≥ 7000	60.2	70.1	71.3	71.7	72.4	72.4	72.6	72.7	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9
≥ 6000	60.9	71.3	72.6	73.0	73.7	73.8	74.0	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3
≥ 5000	61.9	72.5	73.8	74.3	75.0	75.0	75.3	75.4	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.6
≥ 4500	62.2	73.0	74.4	74.8	75.5	75.6	75.9	76.0	76.0	76.1	76.1	76.1	76.2	76.2	76.2	76.2
≥ 4000	63.6	75.1	76.5	77.0	77.8	77.9	78.2	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 3500	64.8	76.9	78.4	78.9	79.7	79.8	80.1	80.2	80.2	80.4	80.4	80.4	80.5	80.5	80.5	80.5
≥ 3000	66.6	79.6	81.1	81.6	82.4	82.5	82.9	83.0	83.0	83.2	83.2	83.2	83.3	83.3	83.3	83.3
≥ 2500	68.7	82.6	84.1	84.6	85.4	85.5	85.9	86.0	86.0	86.2	86.2	86.2	86.3	86.3	86.3	86.3
≥ 2000	70.8	86.0	87.6	88.3	89.2	89.3	89.7	89.8	89.8	90.0	90.0	90.0	90.1	90.1	90.1	90.1
≥ 1800	71.2	86.7	88.3	89.0	89.9	90.0	90.4	90.5	90.6	90.7	90.7	90.7	90.8	90.8	90.8	90.8
≥ 1500	71.9	88.5	90.2	91.0	91.8	91.9	92.5	92.6	92.6	92.8	92.8	92.8	92.9	92.9	92.9	92.9
≥ 1200	72.4	90.0	91.9	92.8	93.7	93.8	94.5	94.6	94.6	94.8	94.8	94.8	94.9	94.9	94.9	94.9
≥ 1000	72.5	90.7	92.7	93.7	94.7	94.9	95.5	95.7	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.1
≥ 900	72.6	91.0	93.1	94.1	95.2	95.4	96.1	96.3	96.3	96.5	96.5	96.5	96.6	96.6	96.6	96.6
≥ 800	72.7	91.5	93.7	94.8	95.9	96.2	96.9	97.1	97.2	97.3	97.4	97.4	97.5	97.5	97.5	97.5
≥ 700	72.7	91.8	94.1	95.3	96.6	97.0	97.7	98.1	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.5
≥ 600	72.8	91.9	94.3	95.7	97.0	97.3	98.2	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	72.8	92.1	94.6	95.9	97.3	97.6	98.6	98.9	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4
≥ 400	72.8	92.1	94.6	96.0	97.4	97.8	98.8	99.1	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	72.8	92.1	94.6	96.0	97.5	97.9	98.8	99.2	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	72.8	92.1	94.6	96.0	97.5	97.9	98.8	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	72.8	92.1	94.6	96.0	97.5	97.9	98.8	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
0	72.8	92.1	94.6	96.0	97.5	97.9	98.8	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3230

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

SPERRY® MOORE BUSINESS FORMS, INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.0	54.0	55.0	55.3	55.7	55.7	55.8	55.8	55.8	55.9	56.0	56.0	56.1	56.1	56.1	56.1
≥ 20000	53.6	62.3	63.4	63.7	64.1	64.1	64.3	64.4	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6
< 20000 ≥ 18000	53.9	62.8	64.0	64.3	64.6	64.7	64.9	64.9	64.9	65.0	65.1	65.1	65.2	65.2	65.2	65.2
< 18000 ≥ 16000	54.3	63.3	64.4	64.8	65.1	65.2	65.3	65.4	65.4	65.5	65.6	65.6	65.7	65.7	65.7	65.7
< 16000 ≥ 14000	55.3	64.6	65.7	66.1	66.4	66.5	66.6	66.7	66.7	66.8	66.9	66.9	67.0	67.0	67.0	67.0
< 14000 ≥ 12000	57.3	67.3	68.5	68.9	69.3	69.4	69.5	69.6	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8
< 12000 ≥ 10000	58.8	69.3	70.7	71.0	71.5	71.5	71.7	71.8	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0
< 10000 ≥ 9000	59.4	70.0	71.3	71.7	72.2	72.2	72.4	72.5	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7
< 9000 ≥ 8000	60.3	71.3	72.7	73.2	73.8	73.8	74.0	74.1	74.1	74.2	74.3	74.3	74.4	74.4	74.4	74.4
< 8000 ≥ 7000	61.1	72.6	74.1	74.7	75.3	75.3	75.5	75.6	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9
< 7000 ≥ 6000	61.6	73.7	75.3	75.9	76.6	76.6	76.8	76.9	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.2
< 6000 ≥ 5000	63.2	75.7	77.4	78.0	78.7	78.7	79.0	79.1	79.1	79.2	79.3	79.3	79.4	79.4	79.4	79.4
< 5000 ≥ 4500	63.9	76.8	78.4	79.0	79.7	79.8	80.0	80.1	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4
< 4500 ≥ 4000	65.2	78.7	80.5	81.1	81.9	82.0	82.2	82.5	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8
< 4000 ≥ 3500	66.4	80.5	82.4	83.1	83.9	84.1	84.4	84.6	84.7	84.8	84.9	84.9	85.0	85.0	85.0	85.0
< 3500 ≥ 3000	67.7	82.8	84.8	85.5	86.4	86.5	86.9	87.1	87.2	87.3	87.4	87.4	87.5	87.5	87.5	87.5
< 3000 ≥ 2500	69.1	85.2	87.3	88.1	89.0	89.1	89.5	89.7	89.8	89.9	90.0	90.0	90.1	90.1	90.1	90.1
< 2500 ≥ 2000	70.1	87.4	89.7	90.5	91.6	91.8	92.3	92.5	92.5	92.7	92.8	92.8	92.9	92.9	92.9	92.9
< 2000 ≥ 1800	70.4	88.1	90.4	91.3	92.4	92.6	93.1	93.3	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7
< 1800 ≥ 1500	70.8	89.2	91.7	92.7	93.8	94.0	94.5	94.8	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1
< 1500 ≥ 1200	70.9	89.8	92.4	93.4	94.7	94.9	95.5	95.8	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1
< 1200 ≥ 1000	70.9	90.4	93.1	94.4	95.7	95.9	96.5	96.8	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2
< 1000 ≥ 900	71.0	90.8	93.6	94.9	96.2	96.3	97.0	97.3	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8
< 900 ≥ 800	71.1	91.0	93.9	95.2	96.5	96.7	97.4	97.7	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.2
< 800 ≥ 700	71.1	91.1	94.2	95.6	97.0	97.2	97.8	98.1	98.2	98.5	98.6	98.6	98.7	98.7	98.7	98.7
< 700 ≥ 600	71.1	91.2	94.3	95.8	97.3	97.5	98.2	98.6	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2
< 600 ≥ 500	71.1	91.3	94.5	96.0	97.6	97.8	98.5	98.9	99.0	99.3	99.5	99.5	99.6	99.6	99.6	99.6
< 500 ≥ 400	71.1	91.3	94.5	96.1	97.6	97.9	98.7	99.1	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.8
< 400 ≥ 300	71.1	91.4	94.6	96.1	97.7	98.0	98.7	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.9	99.9
< 300 ≥ 200	71.1	91.4	94.6	96.1	97.7	98.0	98.8	99.2	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9
< 200 ≥ 100	71.1	91.4	94.6	96.1	97.7	98.0	98.8	99.2	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9
< 100 0	71.1	91.4	94.6	96.1	97.7	98.0	98.8	99.3	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3232

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

SPECIFIED BY MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.8	59.0	61.6	63.0	63.6	63.7	64.0	64.2	64.2	64.4	64.4	64.5	64.5	64.5	64.5	64.5
≥ 20000	39.2	64.0	66.8	68.2	69.0	69.1	69.4	69.7	69.7	69.8	69.9	69.9	70.0	70.0	70.0	70.0
≥ 18000	39.4	64.2	67.1	68.5	69.3	69.4	69.6	69.9	69.9	70.1	70.1	70.2	70.2	70.2	70.3	70.3
≥ 16000	39.7	64.7	67.6	69.0	69.8	69.9	70.1	70.5	70.5	70.6	70.7	70.7	70.8	70.8	70.8	70.8
≥ 14000	40.4	65.8	68.6	70.1	70.9	70.9	71.3	71.6	71.6	71.7	71.8	71.8	71.9	71.9	71.9	71.9
≥ 12000	41.2	67.5	70.4	71.9	72.8	72.9	73.2	73.5	73.5	73.7	73.8	73.8	73.9	73.9	73.9	73.9
≥ 10000	42.1	69.9	72.9	74.4	75.3	75.4	75.7	76.1	76.1	76.2	76.3	76.3	76.4	76.4	76.4	76.4
≥ 9000	42.3	70.5	73.5	75.0	76.0	76.1	76.4	76.8	76.8	76.9	77.0	77.1	77.1	77.1	77.1	77.1
≥ 8000	42.6	71.4	74.4	76.1	77.1	77.2	77.6	77.9	77.9	78.1	78.1	78.2	78.2	78.2	78.3	78.3
≥ 7000	43.3	72.8	75.8	77.5	78.6	78.7	79.0	79.4	79.4	79.5	79.6	79.7	79.7	79.7	79.8	79.8
≥ 6000	44.1	74.2	77.3	79.0	80.1	80.2	80.5	80.9	80.9	81.0	81.1	81.2	81.2	81.2	81.2	81.2
≥ 5000	44.9	76.1	79.2	80.9	82.0	82.1	82.5	82.9	82.9	83.0	83.1	83.1	83.2	83.2	83.2	83.2
≥ 4500	45.1	77.1	80.3	82.1	83.3	83.4	83.7	84.1	84.1	84.3	84.4	84.4	84.4	84.4	84.5	84.5
≥ 4000	46.1	79.0	82.3	84.1	85.3	85.4	85.8	86.3	86.3	86.4	86.5	86.6	86.6	86.6	86.7	86.7
≥ 3500	46.6	80.1	83.5	85.3	86.6	86.7	87.2	87.6	87.6	87.8	87.9	87.9	88.0	88.0	88.0	88.0
≥ 3000	47.3	81.5	85.0	86.9	88.2	88.3	88.8	89.2	89.2	89.4	89.5	89.5	89.6	89.6	89.6	89.6
≥ 2500	47.9	83.0	86.8	88.7	90.1	90.2	90.7	91.1	91.1	91.3	91.4	91.4	91.5	91.5	91.5	91.5
≥ 2000	49.0	85.1	88.9	90.9	92.3	92.4	93.0	93.4	93.4	93.6	93.7	93.7	93.8	93.8	93.8	93.8
≥ 1800	49.2	85.8	89.7	91.7	93.1	93.2	93.8	94.2	94.2	94.4	94.5	94.5	94.6	94.6	94.7	94.7
≥ 1500	49.4	86.5	90.5	92.5	94.1	94.2	94.8	95.2	95.2	95.4	95.5	95.5	95.6	95.6	95.6	95.6
≥ 1200	49.5	87.5	91.6	93.7	95.2	95.3	96.0	96.4	96.4	96.6	96.7	96.7	96.8	96.8	96.9	96.9
≥ 1000	49.5	87.8	92.0	94.2	95.8	95.9	96.6	97.1	97.1	97.3	97.4	97.5	97.6	97.6	97.6	97.6
≥ 900	49.6	87.9	92.2	94.5	96.1	96.2	97.0	97.4	97.4	97.6	97.7	97.8	97.9	97.9	97.9	97.9
≥ 800	49.6	88.2	92.5	94.8	96.5	96.6	97.4	97.8	97.8	98.0	98.1	98.2	98.3	98.3	98.3	98.3
≥ 700	49.7	88.2	92.7	95.0	96.7	96.9	97.6	98.1	98.1	98.3	98.4	98.4	98.6	98.6	98.6	98.6
≥ 600	49.7	88.3	92.9	95.2	97.0	97.1	98.0	98.4	98.4	98.6	98.7	98.8	98.9	98.9	98.9	98.9
≥ 500	49.7	88.3	92.9	95.3	97.1	97.3	98.1	98.6	98.6	98.8	98.9	98.9	99.1	99.1	99.1	99.1
≥ 400	49.7	88.4	93.0	95.4	97.3	97.5	98.4	99.1	99.1	99.3	99.4	99.5	99.6	99.6	99.7	99.7
≥ 300	49.7	88.4	93.0	95.4	97.4	97.5	98.5	99.2	99.2	99.4	99.5	99.6	99.7	99.7	99.8	99.8
≥ 200	49.7	88.4	93.0	95.4	97.4	97.5	98.6	99.3	99.3	99.5	99.6	99.7	99.8	99.8	99.9	99.9
≥ 100	49.7	88.4	93.0	95.4	97.4	97.5	98.6	99.3	99.3	99.5	99.6	99.7	99.8	99.8	99.9	99.9
0	49.7	88.4	93.0	95.4	97.4	97.5	98.6	99.3	99.3	99.5	99.6	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3221

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

SPEEDFLOW® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.8	58.9	62.3	64.1	65.4	65.6	66.0	66.3	66.3	66.3	66.4	66.4	66.5	66.5	66.6	66.9
≥ 20000	34.7	62.8	66.4	68.3	69.7	69.9	70.3	70.6	70.6	70.7	70.7	70.7	70.8	70.8	70.9	71.2
≥ 18000	34.9	63.0	66.6	68.5	69.9	70.1	70.5	70.8	70.8	70.8	70.9	70.9	71.0	71.0	71.1	71.4
≥ 16000	35.1	63.3	66.8	68.8	70.2	70.4	70.7	71.0	71.0	71.1	71.1	71.1	71.2	71.3	71.4	71.7
≥ 14000	35.5	63.9	67.5	69.5	70.9	71.1	71.5	71.8	71.8	71.9	71.9	71.9	72.0	72.1	72.2	72.4
≥ 12000	36.2	65.3	69.0	71.0	72.6	72.8	73.2	73.5	73.5	73.6	73.6	73.6	73.7	73.7	73.8	74.1
≥ 10000	37.2	67.5	71.2	73.2	74.8	75.1	75.5	75.8	75.8	75.9	75.9	75.9	76.0	76.1	76.1	76.4
≥ 9000	37.4	68.1	71.8	73.9	75.5	75.7	76.2	76.5	76.5	76.6	76.6	76.6	76.7	76.7	76.8	77.1
≥ 8000	37.7	69.2	72.9	75.1	76.7	76.9	77.4	77.7	77.7	77.8	77.8	77.8	77.9	78.0	78.1	78.3
≥ 7000	38.3	70.5	74.3	76.5	78.1	78.4	79.0	79.2	79.2	79.3	79.4	79.4	79.5	79.5	79.6	79.9
≥ 6000	38.9	71.7	75.5	77.7	79.4	79.6	80.2	80.5	80.5	80.5	80.6	80.6	80.7	80.7	80.8	81.1
≥ 5000	39.9	73.7	77.5	79.8	81.5	81.7	82.3	82.5	82.5	82.7	82.7	82.7	82.8	82.9	83.0	83.2
≥ 4500	40.0	74.1	78.0	80.3	81.9	82.1	82.7	83.0	83.0	83.1	83.2	83.2	83.3	83.3	83.4	83.7
≥ 4000	40.8	75.6	79.5	81.8	83.5	83.8	84.4	84.7	84.7	84.8	84.8	84.8	85.0	85.0	85.1	85.4
≥ 3500	41.2	76.6	80.5	82.8	84.6	84.8	85.5	85.8	85.8	86.0	86.0	86.0	86.1	86.1	86.2	86.5
≥ 3000	41.7	77.9	81.8	84.2	86.0	86.2	86.9	87.2	87.2	87.3	87.4	87.4	87.6	87.6	87.7	88.0
≥ 2500	42.6	79.6	83.6	86.0	87.8	88.0	88.7	89.0	89.0	89.1	89.2	89.2	89.4	89.4	89.5	89.8
≥ 2000	43.5	81.8	86.1	88.6	90.4	90.6	91.4	91.6	91.6	91.8	91.8	91.9	92.0	92.0	92.1	92.4
≥ 1800	43.6	82.5	86.7	89.3	91.1	91.3	92.1	92.4	92.4	92.5	92.6	92.6	92.8	92.9	92.9	93.2
≥ 1500	43.8	83.4	87.8	90.4	92.3	92.5	93.4	93.7	93.7	93.9	93.9	94.0	94.2	94.2	94.3	94.6
≥ 1200	44.1	84.2	88.7	91.4	93.4	93.6	94.5	94.8	94.8	95.0	95.0	95.1	95.3	95.3	95.4	95.7
≥ 1000	44.3	85.0	89.6	92.4	94.3	94.6	95.4	95.7	95.7	96.0	96.0	96.1	96.3	96.3	96.4	96.7
≥ 900	44.4	85.2	89.8	92.6	94.6	94.8	95.7	96.0	96.0	96.3	96.3	96.3	96.5	96.6	96.7	96.9
≥ 800	44.4	85.5	90.2	93.1	95.1	95.3	96.2	96.5	96.5	96.8	96.8	96.9	97.1	97.1	97.2	97.5
≥ 700	44.5	85.7	90.4	93.4	95.5	95.7	96.6	96.9	96.9	97.2	97.3	97.3	97.5	97.5	97.6	97.9
≥ 600	44.5	85.8	90.6	93.6	95.8	96.1	97.0	97.4	97.4	97.7	97.7	97.8	97.9	98.0	98.1	98.3
≥ 500	44.6	85.9	90.8	93.9	96.2	96.4	97.4	97.8	97.8	98.1	98.1	98.2	98.4	98.4	98.5	98.8
≥ 400	44.6	85.9	90.8	93.9	96.3	96.6	97.6	98.0	98.0	98.3	98.3	98.4	98.6	98.7	98.8	99.0
≥ 300	44.6	85.9	90.8	93.9	96.3	96.6	97.6	98.0	98.0	98.3	98.4	98.5	98.7	98.8	98.8	99.1
≥ 200	44.6	85.9	90.9	94.0	96.4	96.6	97.6	98.1	98.1	98.4	98.5	98.6	98.8	98.9	99.0	99.3
≥ 100	44.6	85.9	90.9	94.0	96.4	96.6	97.6	98.1	98.1	98.5	98.7	98.7	99.0	99.1	99.2	99.6
≥ 0	44.6	85.9	90.9	94.0	96.4	96.6	97.6	98.1	98.1	98.5	98.7	98.8	99.2	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 3203

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

SPEEDIFORM® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-71 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	19.3	42.6	46.4	47.8	49.6	49.7	50.6	50.8	50.9	51.1	51.3	51.3	51.7	51.7	52.0	52.7
≥ 20000	20.3	45.8	50.0	51.7	53.4	53.5	54.5	54.7	54.8	55.1	55.3	55.3	55.6	55.6	56.0	56.7
≥ 18000	20.3	45.9	50.1	51.8	53.6	53.7	54.6	54.9	55.0	55.2	55.4	55.4	55.8	55.8	56.1	56.9
≥ 16000	20.5	46.2	50.4	52.1	53.8	53.9	54.9	55.1	55.2	55.5	55.7	55.7	56.0	56.0	56.4	57.1
≥ 14000	20.7	47.0	51.3	53.0	54.8	54.9	55.9	56.1	56.2	56.4	56.6	56.6	57.0	57.0	57.3	58.1
≥ 12000	21.4	48.7	53.2	55.1	56.8	56.9	58.0	58.2	58.3	58.6	58.8	58.8	59.1	59.1	59.5	60.2
≥ 10000	22.4	50.6	55.0	56.9	58.7	58.8	59.9	60.2	60.2	60.5	60.7	60.7	61.0	61.1	61.4	62.1
≥ 9000	22.7	51.5	56.0	57.9	59.6	59.8	60.9	61.2	61.2	61.5	61.7	61.7	62.0	62.1	62.4	63.1
≥ 8000	23.2	53.0	57.6	59.6	61.3	61.4	62.6	62.8	62.9	63.2	63.4	63.4	63.7	63.7	64.1	64.8
≥ 7000	24.1	54.2	58.9	60.8	62.6	62.7	63.8	64.1	64.2	64.5	64.6	64.6	65.0	65.0	65.4	66.1
≥ 6000	24.7	55.9	60.8	62.8	64.6	64.7	65.9	66.1	66.2	66.5	66.7	66.7	67.0	67.1	67.4	68.2
≥ 5000	25.2	57.9	63.0	65.1	66.8	67.0	68.2	68.4	68.5	68.9	69.1	69.1	69.5	69.5	69.8	70.6
≥ 4500	25.6	58.7	63.8	65.9	[illegible]	67.9	69.1	69.4	69.4	69.8	70.0	70.0	70.4	70.4	70.8	71.5
≥ 4000	26.3	60.3	65.5	67.8	[illegible]	69.8	71.0	71.3	71.4	71.8	71.9	71.9	72.3	72.4	72.7	73.5
≥ 3500	26.7	61.5	66.9	69.2	71.3	71.4	72.7	73.0	73.0	73.4	73.6	73.6	74.0	74.0	74.3	75.1
≥ 3000	27.1	63.0	68.4	70.9	73.1	73.2	74.5	74.8	74.9	75.3	75.5	75.5	75.9	75.9	76.3	77.1
≥ 2500	27.8	64.6	70.2	72.8	75.1	75.2	76.5	76.8	76.9	77.3	77.5	77.5	77.9	78.0	78.3	79.1
≥ 2000	28.8	66.7	72.4	75.3	77.6	77.7	79.2	79.5	79.6	80.0	80.2	80.2	80.6	80.7	81.0	81.8
≥ 1800	29.1	67.7	73.5	76.4	78.8	79.0	80.4	80.8	80.9	81.4	81.5	81.5	82.0	82.0	82.3	83.1
≥ 1500	29.9	69.3	75.5	78.5	81.1	81.3	82.8	83.2	83.3	83.7	83.9	83.9	84.3	84.4	84.7	85.5
≥ 1200	30.5	71.2	77.6	81.0	83.6	83.8	85.4	85.8	85.9	86.4	86.6	86.6	87.0	87.0	87.4	88.2
≥ 1000	30.9	72.3	79.0	82.8	85.5	85.7	87.5	87.9	88.0	88.5	88.7	88.7	89.1	89.2	89.5	90.3
≥ 900	31.0	72.9	79.6	83.5	86.4	86.6	88.4	88.8	88.9	89.4	89.6	89.6	90.1	90.1	90.4	91.2
≥ 800	31.0	73.4	80.3	84.2	87.3	87.5	89.4	89.9	89.9	90.5	90.7	90.7	91.2	91.2	91.5	92.3
≥ 700	31.2	73.9	81.0	85.1	88.3	88.5	90.4	90.9	90.9	91.5	91.7	91.7	92.2	92.3	92.6	93.4
≥ 600	31.2	74.2	81.4	85.6	89.0	89.2	91.2	91.8	91.8	92.5	92.7	92.7	93.2	93.3	93.6	94.4
≥ 500	31.2	74.6	81.9	86.2	89.9	90.1	92.3	92.9	93.0	93.6	93.9	93.9	94.4	94.5	94.8	95.7
≥ 400	31.2	74.7	82.1	86.5	90.3	90.6	92.9	93.5	93.6	94.4	94.7	94.7	95.2	95.2	95.6	96.5
≥ 300	31.2	74.7	82.2	86.6	90.6	90.9	93.4	94.1	94.2	95.0	95.4	95.4	96.0	96.0	96.4	97.2
≥ 200	31.2	74.8	82.3	86.7	90.9	91.3	93.8	94.5	94.6	95.6	96.0	96.0	96.8	96.8	97.2	98.1
≥ 100	31.2	74.8	82.3	86.7	90.9	91.3	93.9	94.6	94.7	95.9	96.4	96.4	97.3	97.3	97.8	98.8
0	31.2	74.8	82.3	86.7	90.9	91.3	93.9	94.6	94.7	95.9	96.4	96.4	97.3	97.3	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3239

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

HOOPER PUBLISHING SYSTEMS INC 22 SYSTEMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-71 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	17.1	38.7	41.8	43.4	44.9	45.2	46.3	46.7	46.7	47.4	47.7	47.8	48.1	48.1	48.8	49.7
≥ 20000	18.0	41.4	45.0	46.9	48.4	48.7	49.9	50.3	50.3	51.1	51.4	51.4	51.8	51.8	52.5	53.4
≥ 18000	18.1	41.6	45.2	47.1	48.6	48.9	50.2	50.6	50.6	51.3	51.6	51.6	52.0	52.0	52.7	53.6
≥ 16000	18.3	41.9	45.5	47.4	48.9	49.2	50.4	50.8	50.8	51.5	51.9	51.9	52.3	52.3	53.0	53.9
≥ 14000	18.4	42.3	46.2	48.1	49.7	49.9	51.2	51.6	51.6	52.3	52.6	52.6	53.0	53.0	53.7	54.6
≥ 12000	19.4	44.4	48.2	50.1	51.7	52.0	53.2	53.7	53.7	54.4	54.7	54.7	55.1	55.1	55.8	56.7
≥ 10000	20.0	45.8	49.6	51.6	53.2	53.5	54.8	55.3	55.3	56.0	56.3	56.3	56.7	56.7	57.4	58.3
≥ 9000	20.1	46.8	50.6	52.6	54.3	54.5	55.8	56.3	56.3	57.0	57.3	57.4	57.7	57.8	58.4	59.3
≥ 8000	20.5	48.3	52.3	54.3	56.0	56.3	57.5	58.0	58.0	58.7	59.0	59.1	59.4	59.5	60.1	61.0
≥ 7000	21.2	49.8	53.9	56.0	57.6	57.9	59.3	59.7	59.7	60.4	60.7	60.8	61.1	61.2	61.9	62.7
≥ 6000	21.8	51.2	55.4	57.6	59.3	59.6	61.0	61.4	61.4	62.2	62.5	62.5	62.9	62.9	63.6	64.5
≥ 5000	22.6	52.8	57.1	59.5	61.2	61.5	62.9	63.4	63.4	64.1	64.4	64.5	64.9	64.9	65.6	66.5
≥ 4500	22.9	53.7	58.0	60.4	62.2	62.4	63.8	64.3	64.3	65.1	65.4	65.4	65.8	65.8	66.5	67.5
≥ 4000	23.3	55.2	59.6	62.1	63.9	64.2	65.6	66.1	66.1	66.9	67.2	67.2	67.6	67.6	68.3	69.2
≥ 3500	23.5	56.0	60.5	63.2	65.0	65.3	66.7	67.2	67.2	68.0	68.3	68.3	68.7	68.8	69.4	70.4
≥ 3000	24.1	57.3	62.0	64.8	66.7	67.0	68.5	68.9	68.9	69.7	70.1	70.1	70.5	70.5	71.2	72.2
≥ 2500	24.8	59.4	64.3	67.2	69.2	69.4	70.9	71.4	71.4	72.2	72.6	72.6	73.0	73.1	73.7	74.7
≥ 2000	26.0	61.7	66.8	70.0	72.1	72.4	73.9	74.4	74.4	75.2	75.6	75.6	76.1	76.1	76.8	77.8
≥ 1800	26.3	62.3	67.6	71.0	73.1	73.4	74.9	75.4	75.4	76.2	76.6	76.6	77.0	77.1	77.8	78.7
≥ 1500	26.9	64.0	69.8	73.3	75.5	75.9	77.5	77.9	77.9	78.7	79.1	79.2	79.6	79.6	80.3	81.3
≥ 1200	27.4	65.7	71.7	75.6	77.9	78.3	80.0	80.4	80.4	81.2	81.6	81.7	82.1	82.1	82.8	83.8
≥ 1000	27.8	67.3	73.4	77.5	80.2	80.6	82.5	83.0	83.0	83.8	84.3	84.3	84.7	84.7	85.4	86.4
≥ 900	28.0	67.8	74.0	78.1	80.9	81.4	83.5	84.0	84.0	84.8	85.2	85.2	85.7	85.7	86.4	87.4
≥ 800	28.2	68.7	75.0	79.4	82.3	82.8	85.0	85.5	85.5	86.3	86.7	86.8	87.2	87.2	87.9	88.9
≥ 700	28.3	69.6	76.0	80.5	83.6	84.1	86.4	86.9	86.9	87.9	88.4	88.4	88.8	88.9	89.6	90.6
≥ 600	28.3	70.2	76.9	81.6	84.9	85.5	87.8	88.4	88.4	89.4	89.9	89.9	90.4	90.4	91.1	92.1
≥ 500	28.5	70.9	78.1	83.0	86.6	87.2	89.7	90.3	90.3	91.4	92.0	92.0	92.5	92.5	93.2	94.2
≥ 400	28.5	71.0	78.2	83.3	87.1	87.7	90.4	91.1	91.2	92.3	93.0	93.0	93.5	93.5	94.3	95.5
≥ 300	28.5	71.1	78.4	83.5	87.3	88.0	90.8	91.5	91.6	92.9	93.6	93.7	94.1	94.2	95.1	96.3
≥ 200	28.5	71.1	78.4	83.5	87.4	88.1	91.1	91.9	92.0	93.4	94.2	94.2	94.9	94.9	95.9	97.2
≥ 100	28.5	71.1	78.4	83.5	87.5	88.2	91.2	92.0	92.1	93.8	94.7	94.7	95.5	95.6	96.8	98.1
≥ 0	28.5	71.1	78.4	83.5	87.5	88.2	91.2	92.0	92.1	93.8	94.7	94.8	95.6	95.6	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3232

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

MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS(LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.5	29.0	31.8	33.9	36.1	36.3	37.3	38.0	38.2	39.2	39.9	39.9	40.3	40.3	40.8	41.7
≥ 20000	15.7	32.3	35.8	38.2	40.7	41.1	42.2	43.1	43.3	44.6	45.4	45.4	45.9	45.9	46.4	47.4
≥ 18000	15.8	32.5	35.9	38.4	40.9	41.2	42.4	43.3	43.5	44.8	45.5	45.6	46.0	46.1	46.6	47.5
≥ 16000	16.1	32.8	36.3	38.7	41.3	41.6	42.8	43.7	43.9	45.2	46.0	46.0	46.5	46.5	47.0	48.0
≥ 14000	16.4	33.6	37.1	39.5	42.1	42.4	43.7	44.6	44.8	46.1	46.9	46.9	47.4	47.4	47.9	48.9
≥ 12000	16.8	35.2	38.8	41.4	44.1	44.5	45.7	46.7	46.9	48.2	49.0	49.1	49.5	49.6	50.0	51.0
≥ 10000	17.7	36.8	40.5	43.2	46.0	46.3	47.7	48.7	48.9	50.2	51.0	51.1	51.6	51.6	52.1	53.1
≥ 9000	18.0	37.2	41.1	43.8	46.6	46.9	48.3	49.3	49.5	50.9	51.7	51.7	52.2	52.2	52.7	53.7
≥ 8000	18.3	38.3	42.2	45.2	48.2	48.5	49.9	50.9	51.2	52.6	53.5	53.5	54.0	54.0	54.5	55.5
≥ 7000	19.0	39.7	43.8	46.8	49.8	50.2	51.6	52.8	53.0	54.5	55.4	55.5	55.9	56.0	56.5	57.5
≥ 6000	19.5	41.2	45.4	48.6	51.7	52.1	53.8	55.1	55.3	56.8	57.8	57.8	58.3	58.3	58.8	59.8
≥ 5000	20.1	42.7	47.1	50.4	53.6	54.0	55.7	57.1	57.3	58.9	59.8	59.8	60.3	60.4	60.8	61.9
≥ 4500	20.3	43.1	47.5	51.0	54.2	54.6	56.4	57.8	58.0	59.6	60.5	60.6	61.1	61.1	61.6	62.6
≥ 4000	20.9	44.4	49.1	52.6	55.8	56.2	58.1	59.5	59.8	61.4	62.3	62.4	62.9	62.9	63.4	64.4
≥ 3500	21.2	45.1	49.9	53.6	56.8	57.2	59.2	60.7	61.0	62.6	63.6	63.6	64.2	64.2	64.7	65.7
≥ 3000	21.9	46.9	52.1	56.0	59.4	59.9	62.0	63.5	63.7	65.4	66.3	66.4	66.9	66.9	67.4	68.5
≥ 2500	22.9	48.8	54.2	58.3	61.8	62.3	64.5	66.0	66.3	68.1	69.1	69.1	69.7	69.7	70.2	71.3
≥ 2000	24.2	51.6	57.2	61.4	65.1	65.7	67.9	69.6	69.8	71.7	72.6	72.7	73.2	73.3	73.7	74.9
≥ 1800	24.5	52.2	57.9	62.2	65.9	66.5	68.8	70.4	70.7	72.6	73.6	73.6	74.2	74.2	74.7	75.8
≥ 1500	25.2	54.3	60.5	65.1	68.9	69.6	72.0	73.7	73.9	76.0	77.0	77.0	77.6	77.6	78.1	79.2
≥ 1200	25.5	56.1	62.6	67.5	71.5	72.1	74.6	76.4	76.6	78.8	79.8	79.8	80.4	80.4	80.9	82.0
≥ 1000	25.9	57.8	64.6	69.7	73.8	74.5	77.2	79.1	79.3	81.7	82.7	82.8	83.4	83.4	83.9	85.0
≥ 900	26.2	58.6	65.4	70.6	74.6	75.4	78.1	80.0	80.2	82.6	83.6	83.7	84.3	84.3	84.8	85.9
≥ 800	26.4	59.2	66.2	71.5	76.0	76.9	79.8	81.7	82.0	84.4	85.6	85.7	86.3	86.3	86.8	87.9
≥ 700	26.5	60.0	67.2	72.6	77.2	78.2	81.3	83.3	83.5	86.1	87.3	87.3	87.9	88.0	88.5	89.6
≥ 600	26.6	60.5	68.1	73.7	78.4	79.5	82.7	84.9	85.1	87.8	89.1	89.2	89.8	89.9	90.3	91.5
≥ 500	26.6	60.8	68.6	74.5	79.2	80.4	83.8	86.2	86.4	89.2	90.6	90.7	91.5	91.5	92.0	93.1
≥ 400	26.7	61.0	68.8	74.8	79.7	81.0	84.6	87.1	87.4	90.4	91.8	91.9	92.8	92.8	93.4	94.6
≥ 300	26.7	61.0	68.8	74.9	80.0	81.2	85.0	87.5	87.9	91.0	92.6	92.7	93.7	93.7	94.4	95.7
≥ 200	26.7	61.0	68.8	74.9	80.1	81.3	85.2	87.8	88.2	91.5	93.4	93.5	94.6	94.6	95.5	97.1
≥ 100	26.7	61.0	68.8	74.9	80.1	81.3	85.2	87.8	88.2	91.7	93.7	93.7	95.0	95.1	96.2	98.3
0	26.7	61.0	68.8	74.9	80.1	81.3	85.2	87.8	88.2	91.7	93.7	93.7	95.1	95.1	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 3325

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

SPERRY® MOORE BUSINESS FORMS INC 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	23.1	33.5	35.5	37.2	39.0	39.2	40.3	40.6	40.7	41.1	41.3	41.4	41.4	41.4	41.4	41.4
≥ 20000	26.4	39.5	41.9	44.2	46.2	46.5	47.8	48.2	48.3	48.8	49.0	49.1	49.1	49.1	49.1	49.1
≥ 18000	26.5	39.7	42.1	44.4	46.4	46.7	48.0	48.4	48.5	49.0	49.2	49.3	49.3	49.3	49.3	49.3
≥ 16000	26.7	40.1	42.5	44.9	46.9	47.2	48.4	48.9	49.0	49.5	49.7	49.7	49.8	49.8	49.8	49.8
≥ 14000	27.1	41.2	43.7	46.1	48.2	48.5	49.8	50.3	50.4	50.9	51.1	51.1	51.2	51.2	51.2	51.2
≥ 12000	28.1	43.1	45.8	48.5	50.7	51.0	52.4	52.9	53.0	53.5	53.7	53.7	53.8	53.8	53.8	53.8
≥ 10000	28.7	44.3	47.2	49.9	52.3	52.6	54.0	54.6	54.7	55.2	55.4	55.5	55.5	55.5	55.5	55.5
≥ 9000	29.0	44.8	47.8	50.6	52.9	53.3	54.7	55.2	55.3	55.8	56.0	56.1	56.1	56.2	56.2	56.2
≥ 8000	29.3	46.0	49.1	52.0	54.4	54.8	56.3	56.9	56.9	57.5	57.7	57.8	57.8	57.8	57.8	57.8
≥ 7000	30.2	47.4	50.7	53.7	56.1	56.5	58.1	58.7	58.8	59.3	59.5	59.6	59.6	59.6	59.6	59.6
≥ 6000	30.8	48.3	51.7	54.9	57.4	57.8	59.4	59.9	60.0	60.5	60.8	60.8	60.9	60.9	60.9	60.9
≥ 5000	31.5	49.7	53.4	56.6	59.3	59.7	61.4	62.0	62.1	62.6	62.8	62.9	62.9	63.0	63.0	63.0
≥ 4500	31.8	50.1	53.8	57.1	59.9	60.3	61.9	62.5	62.7	63.2	63.4	63.5	63.5	63.6	63.6	63.6
≥ 4000	32.4	51.5	55.3	58.9	61.7	62.1	63.9	64.5	64.6	65.2	65.4	65.5	65.5	65.5	65.5	65.5
≥ 3500	32.8	52.4	56.4	60.2	63.1	63.6	65.3	66.0	66.1	66.6	66.9	66.9	67.0	67.0	67.0	67.0
≥ 3000	33.9	54.4	58.3	62.5	65.7	66.1	67.9	68.6	68.7	69.3	69.6	69.6	69.7	69.7	69.7	69.7
≥ 2500	35.1	56.4	60.6	64.7	68.0	68.5	70.5	71.2	71.3	71.9	72.2	72.3	72.3	72.4	72.4	72.4
≥ 2000	36.4	59.1	63.7	68.0	71.5	72.1	74.1	74.9	75.0	75.7	76.0	76.1	76.1	76.2	76.2	76.2
≥ 1800	36.8	60.2	64.8	69.1	72.7	73.3	75.3	76.1	76.2	76.9	77.3	77.3	77.4	77.4	77.4	77.4
≥ 1500	37.8	62.3	67.2	71.5	75.3	75.9	78.1	79.0	79.2	79.9	80.3	80.3	80.4	80.4	80.4	80.4
≥ 1200	38.6	64.5	69.7	74.2	78.2	78.9	81.1	82.1	82.2	83.1	83.4	83.5	83.6	83.6	83.6	83.6
≥ 1000	39.1	66.0	71.4	76.2	80.6	81.3	83.7	84.7	84.9	85.7	86.1	86.2	86.3	86.3	86.3	86.3
≥ 900	39.4	66.6	72.2	77.2	81.9	82.5	85.1	86.1	86.2	87.1	87.6	87.6	87.7	87.7	87.7	87.7
≥ 800	39.7	67.5	73.3	78.3	83.3	84.2	86.9	88.0	88.1	89.1	89.5	89.6	89.6	89.7	89.7	89.7
≥ 700	40.0	68.2	74.2	79.6	84.6	85.4	88.4	89.5	89.6	90.6	91.1	91.2	91.2	91.3	91.3	91.3
≥ 600	40.0	68.7	74.9	80.4	85.6	86.7	89.9	91.0	91.2	92.3	92.9	92.9	93.0	93.0	93.0	93.0
≥ 500	40.0	69.1	75.3	81.2	86.7	87.9	91.5	92.8	93.0	94.3	94.9	95.0	95.1	95.1	95.1	95.1
≥ 400	40.1	69.3	75.8	81.6	87.5	88.8	92.7	94.2	94.4	96.0	96.7	96.8	96.9	96.9	96.9	96.9
≥ 300	40.1	69.3	75.8	81.6	87.6	89.0	93.1	94.8	95.0	97.0	98.0	98.0	98.4	98.4	98.6	98.7
≥ 200	40.1	69.3	75.8	81.7	87.6	89.0	93.1	94.9	95.1	97.2	98.3	98.4	98.9	98.9	99.3	99.4
≥ 100	40.1	69.3	75.8	81.7	87.6	89.0	93.1	94.9	95.1	97.3	98.4	98.4	99.0	99.0	99.3	99.6
≥ 0	40.1	69.3	75.8	81.7	87.6	89.0	93.1	94.9	95.1	97.3	98.4	98.4	99.0	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 3340

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

SPEEDLOG® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.9	43.2	43.9	44.2	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 20000	40.8	51.2	52.2	52.7	53.1	53.1	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 18000	41.0	51.5	52.5	53.1	53.4	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 16000	41.4	52.1	53.1	53.7	54.0	54.0	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 14000	42.2	53.4	54.4	55.1	55.4	55.4	55.5	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 12000	43.7	55.8	56.9	57.6	57.9	57.9	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 10000	45.0	57.8	59.1	59.8	60.2	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 9000	45.4	58.2	59.5	60.3	60.6	60.7	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 8000	46.0	59.4	60.7	61.6	62.1	62.1	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 7000	47.0	60.8	62.0	63.0	63.6	63.7	63.8	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 6000	47.6	61.5	63.0	64.0	64.7	64.7	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 5000	48.8	63.6	65.2	66.3	67.1	67.2	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 4500	49.3	64.6	66.3	67.4	68.3	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 4000	50.3	66.0	67.9	69.2	70.1	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 3500	51.0	67.4	69.3	70.6	71.7	71.7	72.0	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 3000	52.3	69.9	72.1	73.5	74.5	74.6	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 2500	53.8	72.3	74.5	76.0	77.3	77.4	77.8	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2000	55.0	74.9	77.3	78.9	80.4	80.5	81.0	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1800	55.6	76.2	78.6	80.3	81.8	81.9	82.5	82.6	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8
≥ 1500	56.6	78.8	81.6	83.6	85.2	85.3	86.0	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1200	57.3	80.6	83.6	85.8	87.6	87.8	88.4	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1000	57.9	82.1	85.3	87.8	90.1	90.3	91.0	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 900	58.2	82.8	86.1	88.8	91.2	91.4	92.1	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 800	58.4	83.6	86.9	89.7	92.2	92.4	93.3	93.7	93.7	93.9	93.9	93.9	94.0	94.0	94.0	94.0
≥ 700	58.5	84.0	87.5	90.3	93.0	93.3	94.3	94.9	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2
≥ 600	58.6	84.4	87.9	90.8	93.6	93.9	95.1	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 500	58.6	84.6	88.3	91.4	94.5	95.0	96.2	97.2	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 400	58.6	84.8	88.5	91.7	95.1	95.6	96.9	98.1	98.2	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	58.6	84.8	88.5	91.7	95.1	95.7	97.3	98.4	98.3	99.3	99.5	99.5	99.6	99.6	99.7	99.7
≥ 200	58.6	84.8	88.5	91.7	95.2	95.7	97.3	98.5	98.7	99.5	99.7	99.8	99.9	100.0	100.0	100.0
≥ 100	58.6	84.8	88.5	91.7	95.2	95.7	97.3	98.5	98.7	99.5	99.7	99.8	99.9	100.0	100.0	100.0
0	58.6	84.8	88.5	91.7	95.2	95.7	97.3	98.5	98.7	99.5	99.7	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3334

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.0	45.8	46.3	46.8	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 20000	41.8	54.6	55.6	56.1	56.4	56.4	56.5	56.6	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8
≥ 18000	42.0	54.9	55.9	56.4	56.7	56.7	56.8	56.9	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1
≥ 16000	42.3	55.4	56.3	56.9	57.2	57.2	57.3	57.3	57.3	57.5	57.6	57.6	57.6	57.6	57.6	57.6
≥ 14000	43.0	56.7	57.8	58.4	58.7	58.7	58.8	58.9	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1
≥ 12000	44.4	58.8	60.0	60.7	61.0	61.0	61.2	61.3	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5
≥ 10000	45.7	60.5	61.9	62.7	63.0	63.1	63.2	63.3	63.3	63.3	63.6	63.6	63.6	63.6	63.6	63.6
≥ 9000	46.1	61.2	62.7	63.4	63.8	63.9	64.0	64.1	64.1	64.3	64.4	64.4	64.4	64.4	64.4	64.4
≥ 8000	47.0	62.7	64.3	65.1	65.6	65.6	65.8	65.8	65.8	66.0	66.1	66.1	66.1	66.1	66.1	66.1
≥ 7000	47.9	64.1	65.7	66.6	67.2	67.2	67.4	67.5	67.5	67.7	67.8	67.8	67.8	67.8	67.8	67.8
≥ 6000	48.6	65.3	66.9	67.9	68.4	68.4	68.6	68.8	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.1
≥ 5000	49.9	67.3	69.0	70.1	70.9	71.0	71.3	71.5	71.5	71.7	71.8	71.8	71.8	71.8	71.8	71.8
≥ 4500	50.4	68.5	70.2	71.4	72.2	72.3	72.7	72.9	72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.2
≥ 4000	51.1	69.9	71.8	73.1	73.9	74.0	74.4	74.6	74.7	74.9	75.0	75.0	75.0	75.0	75.0	75.0
≥ 3500	51.9	71.2	73.2	74.5	75.4	75.6	76.0	76.2	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.6
≥ 3000	53.1	73.7	75.9	77.4	78.4	78.6	79.2	79.4	79.4	79.7	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2500	54.2	76.3	78.7	80.3	81.4	81.6	82.1	82.3	82.3	82.7	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2000	55.2	78.8	81.3	83.0	84.2	84.5	85.1	85.2	85.3	85.6	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1800	55.7	79.5	82.0	83.8	85.2	85.4	86.1	86.2	86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1500	56.3	81.4	84.1	86.0	87.5	87.8	88.6	88.7	88.8	89.2	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1200	56.9	82.7	85.5	87.6	89.2	89.6	90.4	90.6	90.6	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1000	57.3	83.6	86.7	88.8	90.6	91.0	92.1	92.3	92.3	92.7	92.8	92.8	92.8	92.8	92.8	92.8
≥ 900	57.4	84.2	87.4	89.6	91.6	92.0	93.1	93.4	93.4	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 800	57.5	84.6	88.0	90.3	92.4	92.8	94.1	94.4	94.5	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 700	57.5	84.9	88.4	90.8	92.9	93.4	94.8	95.2	95.3	95.8	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	57.5	85.2	88.8	91.3	93.6	94.2	95.7	96.2	96.2	96.9	97.0	97.0	97.0	97.0	97.0	97.1
≥ 500	57.5	85.4	89.3	91.8	94.3	95.0	96.6	97.1	97.2	98.0	98.2	98.2	98.2	98.2	98.2	98.3
≥ 400	57.5	85.5	89.4	92.0	94.6	95.3	97.0	97.8	97.9	98.8	99.1	99.1	99.1	99.1	99.1	99.2
≥ 300	57.5	85.5	89.5	92.2	94.8	95.5	97.3	98.1	98.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6
≥ 200	57.5	85.5	89.5	92.2	94.8	95.5	97.4	98.2	98.3	99.5	99.7	99.7	99.9	99.9	99.9	99.9
≥ 100	57.5	85.5	89.5	92.2	94.8	95.5	97.4	98.2	98.3	99.5	99.8	99.8	99.9	99.9	99.9	100.0
≥ 0	57.5	85.5	89.5	92.2	94.8	95.5	97.4	98.2	98.3	99.5	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3342

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (GMT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	1½	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.9	49.0	51.1	52.3	52.9	52.9	53.4	53.5	53.5	53.6	53.6	53.7	53.7	53.8	53.9
≥ 20000	29.9	53.7	56.1	57.6	58.4	58.4	59.0	59.1	59.1	59.3	59.4	59.4	59.5	59.5	59.7
≥ 18000	29.9	53.9	56.3	57.8	58.6	58.6	59.2	59.3	59.3	59.5	59.6	59.7	59.7	59.7	59.8
≥ 16000	30.1	54.3	56.7	58.2	59.0	59.0	59.6	59.7	59.7	60.0	60.0	60.1	60.1	60.1	60.3
≥ 14000	30.5	55.3	57.9	59.4	60.4	60.4	61.0	61.2	61.2	61.5	61.5	61.6	61.6	61.6	61.7
≥ 12000	31.6	57.6	60.3	61.9	62.9	62.9	63.5	63.7	63.7	64.0	64.0	64.1	64.1	64.1	64.2
≥ 10000	32.4	59.1	61.8	63.5	64.5	64.5	65.2	65.4	65.4	65.7	65.7	65.7	65.7	65.8	65.9
≥ 9000	32.7	59.9	62.6	64.3	65.3	65.3	66.0	66.2	66.2	66.4	66.4	66.5	66.5	66.6	66.7
≥ 8000	33.1	61.2	64.1	65.9	67.0	67.0	67.7	67.9	67.9	68.1	68.1	68.2	68.2	68.2	68.4
≥ 7000	33.8	62.5	65.4	67.2	68.4	68.4	69.1	69.3	69.3	69.5	69.5	69.6	69.6	69.7	69.8
≥ 6000	34.5	64.1	67.1	69.0	70.3	70.3	71.0	71.2	71.2	71.4	71.5	71.5	71.6	71.6	71.7
≥ 5000	35.3	66.1	69.3	71.2	72.6	72.6	73.3	73.5	73.5	73.7	73.8	73.8	73.9	73.9	74.0
≥ 4500	35.6	67.0	70.4	72.4	73.8	73.8	74.6	74.8	74.8	75.0	75.0	75.0	75.1	75.1	75.2	75.3
≥ 4000	36.5	68.8	72.3	74.4	75.8	75.8	76.6	76.8	76.8	77.0	77.1	77.1	77.2	77.2	77.2	77.3
≥ 3500	37.1	70.1	73.6	75.9	77.4	77.4	78.2	78.4	78.4	78.6	78.7	78.7	78.8	78.8	78.8	78.9
≥ 3000	37.7	72.0	75.7	78.0	79.8	79.8	80.7	80.9	80.9	81.1	81.1	81.1	81.2	81.2	81.3	81.4
≥ 2500	38.4	74.1	78.0	80.6	82.5	82.5	83.4	83.6	83.6	83.8	83.9	83.9	84.0	84.0	84.1	84.2
≥ 2000	39.2	76.0	80.2	82.9	84.9	84.9	85.9	86.1	86.1	86.3	86.4	86.4	86.6	86.6	86.6	86.8
≥ 1800	39.5	76.7	80.9	83.8	85.8	85.8	86.8	87.0	87.0	87.2	87.3	87.3	87.4	87.4	87.5	87.7
≥ 1500	40.3	78.6	82.8	85.8	88.0	88.0	89.0	89.3	89.3	89.5	89.6	89.6	89.7	89.7	89.8	90.0
≥ 1200	40.6	79.8	84.3	87.6	90.2	90.3	91.3	91.6	91.6	91.8	91.9	91.9	92.0	92.0	92.1	92.2
≥ 1000	40.7	80.3	85.0	88.5	91.2	91.3	92.4	92.6	92.6	92.9	93.0	93.0	93.1	93.1	93.2	93.4
≥ 900	40.8	80.6	85.5	89.0	91.8	91.9	93.0	93.2	93.2	93.5	93.6	93.6	93.8	93.8	93.8	94.0
≥ 800	40.9	81.1	86.1	89.6	92.4	92.5	93.7	94.0	94.0	94.3	94.4	94.4	94.5	94.5	94.6	94.8
≥ 700	41.0	81.6	86.6	90.2	93.1	93.2	94.5	94.9	94.9	95.3	95.3	95.3	95.5	95.5	95.5	95.7
≥ 600	41.0	81.8	86.8	90.5	93.6	93.7	95.2	95.7	95.7	96.0	96.1	96.1	96.3	96.3	96.3	96.5
≥ 500	41.0	82.0	87.3	91.1	94.5	94.6	96.2	96.7	96.7	97.1	97.2	97.2	97.3	97.3	97.4	97.6
≥ 400	41.1	82.1	87.6	91.6	95.2	95.4	97.0	97.6	97.6	98.2	98.3	98.3	98.4	98.4	98.5	98.6
≥ 300	41.1	82.1	87.7	91.8	95.4	95.6	97.4	98.1	98.1	98.7	98.9	98.9	99.1	99.1	99.2	99.3
≥ 200	41.1	82.1	87.7	91.9	95.5	95.7	97.6	98.3	98.3	98.9	99.2	99.2	99.4	99.4	99.5	99.7
≥ 100	41.1	82.1	87.7	91.9	95.5	95.7	97.6	98.3	98.3	99.1	99.3	99.3	99.5	99.5	99.6	99.8
0	41.1	82.1	87.7	91.9	95.5	95.7	97.6	98.3	98.3	99.1	99.3	99.3	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3316

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

SPEEDLOG® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	23.5	46.7	49.4	51.4	52.7	52.7	53.2	53.4	53.4	53.6	53.7	53.7	53.9	53.9	54.0	54.3
≥ 20000	24.9	50.7	53.7	55.9	57.4	57.4	58.0	58.2	58.2	58.4	58.5	58.5	58.7	58.7	58.8	59.1
≥ 18000	24.9	50.7	53.9	56.1	57.6	57.6	58.1	58.3	58.4	58.6	58.7	58.7	58.9	58.9	59.0	59.3
≥ 16000	25.2	51.3	54.4	56.6	58.1	58.1	58.7	58.9	58.9	59.1	59.2	59.2	59.4	59.4	59.5	59.8
≥ 14000	25.5	52.0	55.2	57.4	58.9	59.0	59.5	59.7	59.7	59.9	60.0	60.0	60.2	60.2	60.3	60.6
≥ 12000	26.7	54.4	57.9	60.2	61.7	61.8	62.4	62.6	62.6	62.8	63.0	63.0	63.1	63.1	63.2	63.5
≥ 10000	27.4	56.0	59.4	61.7	63.3	63.4	64.0	64.2	64.2	64.4	64.5	64.5	64.7	64.7	64.8	65.1
≥ 9000	27.6	56.6	60.1	62.4	64.0	64.1	64.6	64.8	64.9	65.1	65.2	65.2	65.4	65.4	65.5	65.8
≥ 8000	28.0	57.5	61.1	63.5	65.1	65.2	65.8	66.0	66.0	66.2	66.3	66.3	66.5	66.5	66.6	66.9
≥ 7000	28.8	59.0	62.6	65.1	66.8	66.8	67.4	67.6	67.7	67.9	68.0	68.0	68.2	68.2	68.3	68.6
≥ 6000	29.5	60.7	64.4	67.0	68.6	68.7	69.3	69.6	69.6	69.8	69.9	69.9	70.1	70.2	70.2	70.6
≥ 5000	30.1	62.1	66.0	68.6	70.3	70.4	71.1	71.3	71.3	71.5	71.6	71.6	71.9	71.9	72.0	72.3
≥ 4500	30.3	63.1	67.1	69.8	71.6	71.6	72.3	72.5	72.5	72.7	72.9	72.9	73.1	73.1	73.2	73.5
≥ 4000	31.3	64.8	68.9	71.8	73.6	73.7	74.4	74.7	74.7	74.9	75.0	75.0	75.2	75.3	75.3	75.7
≥ 3500	31.7	66.0	70.2	73.1	75.0	75.0	75.7	76.0	76.0	76.2	76.3	76.3	76.5	76.6	76.7	77.0
≥ 3000	32.1	67.7	72.0	75.2	77.1	77.2	77.9	78.1	78.2	78.4	78.5	78.5	78.7	78.7	78.8	79.1
≥ 2500	32.5	69.2	73.8	76.9	79.0	79.1	79.8	80.0	80.1	80.3	80.4	80.4	80.6	80.6	80.8	81.1
≥ 2000	33.3	71.6	76.3	79.6	82.0	82.1	83.0	83.2	83.2	83.5	83.6	83.6	83.8	83.8	84.0	84.3
≥ 1800	33.7	72.0	77.4	80.7	83.1	83.2	84.2	84.4	84.4	84.6	84.7	84.7	84.9	85.0	85.1	85.5
≥ 1500	34.4	74.5	79.4	82.9	85.5	85.6	86.5	86.7	86.8	87.0	87.1	87.1	87.3	87.3	87.5	87.8
≥ 1200	35.0	76.2	81.1	84.9	87.8	87.9	89.0	89.3	89.3	89.5	89.6	89.6	89.8	89.9	90.0	90.3
≥ 1000	35.2	76.9	82.1	86.0	89.1	89.2	90.3	90.6	90.6	90.9	91.0	91.0	91.3	91.3	91.5	91.8
≥ 900	35.3	77.4	82.6	86.7	89.8	90.0	91.2	91.4	91.4	91.7	91.9	91.9	92.2	92.2	92.3	92.7
≥ 800	35.5	78.0	83.3	87.4	90.6	90.8	92.1	92.4	92.4	92.7	92.9	92.9	93.1	93.2	93.4	93.7
≥ 700	35.5	78.5	84.0	88.1	91.4	91.7	93.1	93.4	93.4	93.7	93.9	93.9	94.2	94.2	94.4	94.7
≥ 600	35.6	78.7	84.4	88.6	92.1	92.4	94.0	94.4	94.4	94.7	94.9	94.9	95.2	95.2	95.4	95.7
≥ 500	35.6	78.9	84.6	89.0	92.6	92.9	94.8	95.1	95.1	95.5	95.7	95.7	96.1	96.1	96.3	96.6
≥ 400	35.7	79.0	84.9	89.5	93.3	93.6	95.7	96.1	96.1	96.6	96.8	96.8	97.2	97.2	97.4	97.8
≥ 300	35.7	79.0	84.9	89.5	93.4	93.7	96.0	96.4	96.4	97.0	97.2	97.2	97.7	97.7	97.9	98.2
≥ 200	35.7	79.0	84.9	89.6	93.5	93.8	96.2	96.8	96.8	97.5	97.9	97.9	98.4	98.4	98.6	99.1
≥ 100	35.7	79.0	84.9	89.6	93.5	93.8	96.2	96.8	96.9	97.8	98.2	98.2	98.8	98.8	99.0	99.5
≥ 0	35.7	79.0	84.9	89.6	93.5	93.8	96.2	96.8	96.9	97.8	98.2	98.2	98.8	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 3294

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

SKY COVER SUMMARY

Due to the reporting of total cloud amount in GWC tapes for airways hourly observations Jan 71 and later; clear, scattered, broken, overcast, partial and obscured are converted to 0, 3, 9, 10, 9 and 10 tenths. The sky cover summary for this station is limited to the period of record through Dec 70.

PART D SKY COVER

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

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

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

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

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

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 46-70 (PERIOD) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	21.6	3.5	3.7	3.4	3.1	2.4	3.1	4.2	6.1	4.9	44.2	6.3	18593
FEB		24.9	3.6	3.7	3.6	3.0	2.4	2.9	4.6	6.5	5.0	39.8	5.9	16938
MAR		24.6	4.1	4.6	4.2	3.4	2.7	3.2	4.8	6.3	4.9	37.2	5.7	18271
APR		28.0	4.8	5.2	4.9	4.0	3.5	3.7	5.2	7.7	4.6	28.4	5.1	17992
MAY		23.6	6.1	6.4	6.2	5.2	4.6	4.6	6.7	8.4	5.8	22.5	5.0	18595
JUN		19.8	5.6	6.5	6.9	6.9	6.6	5.3	7.1	9.1	6.3	20.1	5.1	17987
JUL		13.1	4.8	6.5	7.5	7.1	7.6	5.5	8.4	11.4	7.9	20.2	5.6	18588
AUG		18.8	6.0	7.6	7.4	7.2	6.3	5.5	8.2	9.5	6.3	17.2	5.0	18593
SEP		27.1	6.0	6.3	6.2	5.2	4.3	3.3	5.6	7.0	4.7	24.4	4.8	17992
OCT		40.0	5.3	6.0	5.1	3.8	3.3	3.1	4.3	5.1	4.1	20.3	3.9	18592
NOV		33.5	5.1	4.8	4.1	3.6	2.5	2.9	4.1	5.9	4.9	28.6	4.8	17991
DEC		28.0	4.0	4.3	3.4	3.0	2.3	2.4	4.2	5.6	4.3	38.5	5.6	18589
TOTALS		25.3	4.9	5.5	5.2	4.6	4.0	3.8	5.6	7.4	5.3	28.5	5.2	218721

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13821 | MAXWELL AFB ALABAMA/MONTGOMERY | 46-70 | JAN

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	30.2	2.4	3.8	2.5	2.9	1.8	2.5	3.1	4.6	3.0	43.2	5.7	2324
	03-05	28.2	2.4	3.0	2.4	2.1	1.9	2.5	3.0	4.5	2.7	47.3	6.0	2324
	06-08	15.1	4.3	3.0	2.9	3.3	2.4	2.5	4.6	6.5	5.5	49.9	6.9	2325
	09-11	14.7	2.9	3.3	3.7	2.7	2.2	3.4	4.1	7.8	6.5	48.7	7.0	2325
	12-14	14.4	4.0	4.0	3.6	3.4	2.6	3.0	6.0	8.1	7.8	43.1	6.7	2325
	15-17	15.6	4.5	3.6	3.8	3.0	3.4	3.6	4.3	8.0	7.1	43.1	6.6	2322
	18-20	23.6	4.6	5.1	4.2	3.7	2.5	3.8	5.2	5.0	3.5	38.7	5.7	2324
	21-23	30.6	2.9	4.0	4.3	3.4	2.1	3.3	3.0	3.9	2.8	39.7	5.4	2324
TOTALS		21.6	3.5	3.7	3.4	3.1	2.4	3.1	4.2	6.1	4.9	44.2	6.3	18593

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13821 | MAXWELL AFB ALABAMA/MONTGOMERY | 46-70 | FEB

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	34.7	2.6	3.6	2.7	2.3	1.7	2.3	3.6	4.2	2.1	40.3	5.3	2117
	03-05	31.0	2.5	3.5	3.5	2.5	1.2	3.2	2.1	4.3	2.3	43.9	5.6	2117
	06-08	18.1	5.0	3.6	3.5	2.6	2.2	2.2	5.1	7.0	6.5	44.2	6.5	2118
	09-11	18.9	4.0	3.3	3.8	2.7	2.8	3.1	4.3	7.6	6.9	42.4	6.4	2118
	12-14	18.2	4.3	3.5	3.6	2.8	3.3	3.0	6.4	8.9	7.3	38.7	6.4	2116
	15-17	18.9	4.1	3.2	4.3	3.5	3.0	2.9	5.7	8.8	8.0	37.6	6.3	2116
	18-20	25.4	3.7	4.9	3.7	3.7	2.7	3.9	6.0	6.6	4.4	35.1	5.6	2118
	21-23	33.9	2.2	4.3	3.9	3.6	2.2	2.8	3.8	4.3	2.7	36.2	5.1	2116
TOTALS		24.9	3.6	3.7	3.6	3.0	2.4	2.9	4.6	6.5	5.0	39.8	5.9	16938

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13821 — STATION
MAXWELL AFB ALABAMA/MONTGOMERY — STATION NAME
46-70 — PERIOD
MAR — 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		
MAR	00-02	35.2	2.5	3.3	3.8	2.5	1.9	2.8	3.7	4.5	2.3	37.4	5.1	2284
	03-05	31.6	2.5	4.2	3.7	2.1	2.0	2.8	3.6	3.6	2.1	41.7	5.5	2285
	06-08	19.7	4.2	3.9	3.2	2.9	2.2	2.2	4.7	7.2	6.5	43.2	6.4	2285
	09-11	19.8	3.2	4.1	3.6	3.3	3.4	3.9	5.3	7.4	6.7	39.2	6.2	2285
	12-14	16.4	4.7	4.2	4.4	4.3	3.2	4.7	6.6	8.1	6.4	37.0	6.3	2286
	15-17	16.4	5.6	4.7	5.1	4.7	3.5	3.3	5.6	8.8	7.4	34.8	6.1	2286
	18-20	22.6	6.4	7.1	5.9	4.3	3.2	2.9	5.5	6.0	4.8	31.6	5.3	2282
	21-23	35.0	3.3	5.6	3.5	3.3	2.2	3.2	3.4	4.4	2.9	33.0	4.8	2278
TOTALS		24.6	4.1	4.6	4.2	3.4	2.7	3.2	4.8	6.3	4.9	37.2	5.7	18271

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13821 | MAXWELL AFB ALABAMA/MONTGOMERY | 46-70 | APR

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	42.6	3.6	4.4	4.2	3.6	1.7	2.5	3.5	5.3	2.3	26.2	4.1	2250
	03-05	33.2	4.1	5.3	5.0	3.1	2.4	3.2	3.6	5.6	2.4	32.0	4.9	2249
	06-08	22.4	5.1	4.4	3.8	2.8	3.4	2.9	4.5	7.2	7.0	36.5	5.9	2249
	09-11	21.4	4.9	4.4	4.5	4.0	3.6	3.9	5.9	9.7	6.7	30.9	5.7	2249
	12-14	18.7	4.9	5.0	4.4	5.2	5.6	4.2	7.8	10.3	6.0	28.0	5.7	2248
	15-17	18.4	5.6	5.9	6.2	5.3	4.7	4.2	6.7	9.5	6.4	27.1	5.6	2250
	18-20	26.0	5.8	6.9	6.2	4.4	3.5	4.4	5.2	8.7	4.0	25.0	4.9	2250
	21-23	41.3	4.4	5.4	4.8	3.7	2.8	4.0	4.7	5.6	1.6	21.8	3.9	2247
TOTALS		28.0	4.8	5.2	4.9	4.0	3.5	3.7	5.2	7.7	4.6	28.4	5.1	17992

USAFETAC FORM JUL 44 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13821 | MAXWELL AFB ALABAMA/MONTGOMERY | 46-70 | MAY

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	44.9	4.3	5.7	4.9	3.8	3.1	3.4	3.7	5.4	2.5	18.4	3.6	2324
	03-05	30.0	5.8	7.1	5.9	4.0	3.7	4.0	5.7	6.8	3.7	23.3	4.6	2324
	06-08	21.2	5.8	6.1	4.9	4.0	3.6	3.9	6.5	8.0	7.1	28.9	5.5	2324
	09-11	16.1	6.3	5.4	5.6	5.9	5.4	5.3	8.1	10.4	8.6	23.0	5.6	2324
	12-14	8.0	5.9	4.9	7.7	7.1	7.4	6.7	9.4	12.7	9.0	21.2	6.0	2324
	15-17	9.1	7.6	7.7	7.5	6.8	5.8	5.0	7.7	10.8	8.4	23.6	5.8	2325
	18-20	19.8	7.4	7.6	7.0	5.5	4.1	4.8	7.6	8.3	5.2	22.7	5.1	2325
	21-23	39.7	5.3	6.5	5.8	4.4	3.7	3.4	5.2	4.9	2.1	19.0	3.8	2325
TOTALS		23.6	6.1	6.4	6.2	5.2	4.6	4.6	6.7	8.4	5.8	22.5	5.0	18595

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 46-70 (PERIOD) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	40.5	6.0	6.9	6.5	5.8	3.7	3.4	5.1	5.1	2.2	14.9	3.5	2248
	03-05	27.2	6.5	8.6	7.2	5.5	4.8	4.5	5.8	8.0	4.0	17.9	4.4	2249
	06-08	20.6	5.7	6.3	6.1	5.7	4.9	4.3	5.5	8.4	7.3	25.3	5.3	2247
	09-11	12.6	5.2	5.7	7.5	8.2	8.3	6.2	7.7	11.5	7.0	20.0	5.6	2248
	12-14	5.2	3.4	4.0	6.5	11.6	13.2	7.9	10.7	12.2	8.8	16.6	6.1	2248
	15-17	6.0	5.2	7.0	8.2	8.1	8.3	5.7	8.3	12.0	9.5	21.7	6.1	2247
	18-20	13.3	7.7	6.4	5.3	5.5	5.8	5.4	7.5	9.5	7.8	25.8	5.8	2250
	21-23	32.8	5.2	6.7	7.5	4.7	3.8	5.3	5.8	5.7	4.0	18.5	4.2	2250
TOTALS		19.8	5.6	6.5	6.9	6.9	6.6	5.3	7.1	9.1	6.3	20.1	5.1	17987

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13821 | MAXWELL AFB ALABAMA/MONTGOMERY | 46-70 | JUL

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	34.6	6.8	9.5	7.7	5.4	3.9	3.7	4.4	6.4	3.1	14.5	3.7	2324
	03-05	23.3	7.0	8.4	8.6	7.0	5.1	4.7	6.3	7.5	4.4	17.6	4.5	2325
	06-08	11.4	6.1	5.9	7.1	5.5	6.1	4.7	7.5	10.3	10.0	24.9	5.9	2322
	09-11	7.0	4.6	5.3	6.5	7.2	10.2	5.9	10.0	14.6	10.0	18.6	6.1	2324
	12-14	1.0	1.3	3.1	7.4	9.1	14.6	8.0	12.5	17.6	10.3	14.9	6.6	2323
	15-17	1.5	2.4	4.4	8.3	9.3	10.3	5.2	8.9	14.4	11.0	24.2	6.7	2325
	18-20	4.7	4.0	6.3	6.9	5.5	6.2	5.6	9.4	12.5	10.1	28.9	6.7	2324
	21-23	20.9	6.4	9.1	7.6	7.8	4.5	6.1	8.2	7.7	3.9	17.8	4.7	2321
TOTALS		13.1	4.8	6.5	7.5	7.1	7.6	5.5	8.4	11.4	7.9	20.2	5.6	18588

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 46-70 (PERIOD) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	42.0	6.0	8.5	6.9	4.9	3.0	4.2	4.9	4.3	2.1	13.3	3.2	2324
	03-05	32.1	7.8	10.1	8.2	5.0	3.7	3.7	4.6	5.6	3.2	15.9	3.8	2324
	06-08	15.3	7.6	6.8	7.4	6.3	4.8	4.9	7.6	9.6	7.4	21.2	5.3	2323
	09-11	13.8	5.8	6.3	6.8	8.1	6.8	5.8	8.9	11.6	9.0	16.9	5.5	2325
	12-14	2.9	3.4	4.6	7.2	11.0	13.1	9.0	15.2	12.4	8.2	12.9	6.1	2325
	15-17	3.9	5.6	6.9	8.0	8.9	8.7	6.2	10.1	13.1	9.9	18.7	6.1	2323
	18-20	10.5	5.3	9.2	7.1	6.4	5.2	5.2	9.0	12.0	7.0	23.1	5.8	2324
	21-23	29.2	6.6	8.0	7.8	6.7	5.1	4.9	5.4	7.0	3.4	15.9	4.1	2325
TOTALS		18.8	6.0	7.6	7.4	7.2	6.3	5.5	8.2	9.5	6.3	17.2	5.0	18593

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 46-70 (PERIOD) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	46.5	5.4	5.8	3.9	3.4	1.7	2.4	3.8	4.0	2.0	21.1	3.5	2250
	03-05	38.4	6.2	6.4	5.5	3.6	2.4	2.2	4.0	4.7	2.5	24.0	4.0	2248
	06-08	23.5	6.9	6.7	5.7	4.0	3.1	2.7	5.0	7.2	6.4	28.9	5.2	2249
	09-11	20.1	6.1	6.4	6.5	5.0	4.6	3.5	6.3	8.7	6.4	26.4	5.4	2248
	12-14	10.0	4.7	4.7	7.4	9.4	9.7	5.4	8.4	11.0	6.2	23.1	5.9	2249
	15-17	11.8	7.6	6.7	9.7	7.5	5.6	3.4	6.8	8.4	7.9	24.5	5.6	2249
	18-20	26.4	5.8	7.2	6.3	4.8	4.2	3.7	5.8	6.1	4.3	25.4	4.8	2249
	21-23	40.3	5.0	6.8	4.9	3.9	2.9	2.8	4.6	5.5	2.0	21.4	3.9	2250
TOTALS		27.1	6.0	6.3	6.2	5.2	4.3	3.3	5.6	7.0	4.7	24.4	4.8	17992

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

...TA PROCESSING BRANCH
...C/USAF
... WEATHER SERVICE/MAC

SKY COVER

13821 MAXWELL AFB ALABAMA/MONTGOMERY 46-70 OCT

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	54.3	2.9	5.2	3.3	2.2	1.9	2.5	2.8	3.6	1.9	19.4	3.2	2322
	03-05	49.1	3.7	5.3	3.8	2.7	2.5	2.1	3.2	3.8	2.0	21.8	3.5	2324
	06-08	31.9	7.1	5.7	4.5	3.8	3.1	3.0	5.0	5.4	5.6	25.0	4.6	2323
	09-11	32.0	6.3	5.6	4.8	4.2	4.5	2.2	5.2	6.3	5.7	22.7	4.5	2325
	12-14	27.3	4.7	5.5	6.6	6.5	5.7	4.9	5.1	7.0	6.7	19.1	4.7	2325
	15-17	27.6	6.5	8.0	8.1	4.5	4.3	4.0	5.2	7.1	5.7	19.1	4.4	2325
	18-20	43.8	6.0	7.0	5.6	3.6	2.4	3.0	3.8	4.5	2.5	17.9	3.4	2324
	21-23	53.3	4.9	5.4	3.8	2.6	1.7	2.9	3.0	2.9	2.3	17.1	3.0	2324
TOTALS		40.0	5.3	6.0	5.1	3.8	3.3	3.1	4.3	5.1	4.1	20.3	3.9	18592

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13821	MAXWELL AFB ALABAMA/MONTGOMERY	46-70	NOV
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	42.5	4.0	5.2	3.4	3.3	1.7	2.8	3.8	4.4	2.0	27.0	4.1	2250
	03-05	41.4	2.9	3.8	3.3	3.4	2.5	2.3	3.0	5.4	2.5	29.5	4.4	2248
	06-08	25.1	6.0	4.1	3.8	3.7	2.7	3.6	3.6	7.5	[illegible]	33.3	5.5	2249
	09-11	26.3	5.9	4.5	4.0	3.6	2.7	2.5	4.5	6.8	6.8	32.4	5.4	2249
	12-14	25.3	6.2	5.1	4.4	3.6	3.0	2.8	5.0	7.6	8.5	28.5	5.3	2249
	15-17	25.6	6.4	5.3	4.7	4.0	3.5	3.7	5.4	7.1	7.0	27.3	5.2	2249
	18-20	38.2	5.3	6.0	5.0	3.5	2.4	2.8	3.9	4.2	2.8	25.9	4.2	2247
	21-23	43.6	3.8	4.7	4.4	3.3	1.6	2.9	3.7	4.2	2.7	25.0	4.0	2250
TOTALS		33.5	5.1	4.8	4.1	3.6	2.5	2.9	4.1	5.9	4.9	28.6	4.8	17991

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13821 MAXWELL AFB ALABAMA/MONTGOMERY 46-70 DEC

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	36.8	2.9	3.4	3.1	2.1	1.9	2.3	3.3	3.7	2.8	38.0	5.1	2320
	03-05	36.0	1.9	2.9	2.5	2.4	1.5	2.1	2.8	4.2	2.8	40.9	5.3	2325
	06-08	20.6	4.4	4.9	3.2	3.6	2.5	2.3	4.7	6.8	5.7	41.0	6.2	2325
	09-11	19.7	5.4	4.3	3.6	3.1	2.4	2.5	5.6	6.5	5.8	41.1	6.2	2325
	12-14	20.5	5.4	4.1	4.4	3.0	2.8	3.1	4.6	7.6	6.1	38.3	6.0	2323
	15-17	21.3	5.3	5.8	3.7	3.8	2.9	2.4	5.2	7.6	5.8	36.3	5.8	2323
	18-20	32.4	4.2	4.5	3.3	3.3	2.2	2.7	4.9	4.0	2.4	36.0	5.1	2324
	21-23	35.6	2.5	4.4	2.8	3.0	1.9	1.9	2.8	4.6	2.9	36.7	5.0	2324
TOTALS		28.0	4.0	4.3	3.4	3.0	2.3	2.4	4.2	5.6	4.3	38.5	5.6	18589

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

   NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

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

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

E

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

   a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

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

   b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computation for each element is also shown.

   c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

      NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

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

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

   a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

   b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-56, 64-72 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
105							.1						.0
100						1.8	3.3	2.4	.1				.6
95					3.1	22.8	25.1	20.8	7.9	.2			6.7
90				1.0	25.1	63.4	67.9	65.7	37.1	3.0			22.1
85			2.7	17.8	56.0	88.4	93.0	9[illegible]	69.4	18.9	.2		36.8
80	.8	2.0	14.5	46.2	81.5	97.3	98.4	[illegible]	86.0	49.2	6.0	.9	49.0
75	7.2	10.1	31.3	68.4	93.1	99.5	99.8	[illegible].0	95.0	71.5	21.0	6.3	59.0
70	18.8	23.4	49.5	83.9	97.5	99.6	100.0		98.6	87.6	39.0	16.8	68.2
65	30.8	38.9	64.9	93.7	99.8	100.0			99.8	94.8	59.3	30.9	76.3
60	45.4	57.0	80.0	98.9	100.0				99.9	98.3	74.6	48.6	83.7
55	61.6	73.1	90.0	99.5					100.0	99.8	86.0	66.2	89.8
50	76.1	85.1	96.1	99.9						100.0	94.7	83.9	94.7
45	89.5	93.9	99.0	100.0							98.8	93.2	97.9
40	95.6	98.4	99.7								99.4	98.2	99.3
35	98.3	99.7	99.9								99.9	99.9	99.8
30	99.2	99.9	100.0								100.0	100.0	99.9
25	100.0	100.0											100.0
MEAN	58.0	61.0	68.3	77.5	84.7	90.6	91.3	91.0	86.7	78.1	65.9	59.2	76.0
S D	11.099	10.212	10.024	7.446	6.353	5.107	4.720	4.554	6.286	7.306	9.636	9.770	14.788
TOTAL OBS	837	791	867	839	868	838	868	837	840	868	810	868	10131

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-56, 64-72 (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						.2	.1	.1		.1			.0
75					.1	13.8	23.5	20.3	4.9	.5			5.3
70			.1	1.2	13.2	66.2	90.2	84.3	42.5	5.5			25.4
65	1.0	.8	3.5	11.6	47.8	90.0	98.7	97.7	70.5	17.3	1.4	.6	35.9
60	4.3	4.0	12.3	33.1	73.6	97.7	100.0	100.0	89.8	33.8	6.8	3.9	46.5
55	10.2	11.3	26.5	55.4	89.3	99.4			95.8	56.1	13.2	8.9	56.0
50	18.5	19.7	39.7	75.2	97.6	100.0			99.2	75.3	30.7	16.8	64.7
45	29.3	34.4	57.3	90.2	99.9				99.8	89.3	48.6	30.0	73.5
40	43.1	54.1	74.2	97.3	100.0				100.0	96.8	66.8	48.2	81.9
35	62.5	72.9	89.4	99.9						99.5	84.3	68.5	89.9
33	71.1	80.2	94.6							99.9	89.6	77.1	92.8
30	82.4	87.7	97.8	100.0						100.0	95.2	87.7	96.0
25	93.7	95.8	99.5								98.6	96.7	98.7
20	97.1	99.2	100.0								99.6	99.5	99.6
15	99.0	99.7									99.9	100.0	99.9
10	99.9	100.0									100.0		100.0
5	100.0												100.0
MEAN	39.0	41.0	47.0	55.2	63.0	70.3	72.6	72.2	67.1	55.6	44.2	40.0	55.6
S D	10.037	10.031	9.846	7.727	6.047	4.371	2.715	3.094	5.892	8.622	9.351	9.683	14.003
TOTAL OBS	837	791	867	839	868	838	868	837	840	868	810	868	10131

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

13821 STATION — MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME — 37-56, 64-72 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APP	MAY	JUN	JUL	AUG	SEP	OCT.	NOV	DEC	ANNUAL
90						1.0	1.2						.2
85					.6	15.8	20.6	17.6	3.6	.2			4.9
80				.7	15.3	64.8	60.4	77.1	37.3	2.9			23.3
75			2.3	11.3	50.0	91.1	97.9	97.6	70.1	14.4	.1	.1	36.5
70	1.8	2.5	10.8	36.9	79.6	98.0	100.0	100.0	90.6	38.9	4.8	1.5	47.4
65	8.1	8.6	25.6	62.9	93.8	100.0			97.6	64.6	13.1	7.0	57.3
60	16.5	20.5	43.7	84.0	99.0				99.3	83.5	32.7	15.3	66.6
55	27.2	34.6	62.3	93.9	100.0				99.9	94.9	52.3	27.5	74.7
50	43.4	55.1	78.2	99.0					100.0	98.8	73.1	47.1	83.1
45	60.2	74.8	92.2	99.8						99.9	89.1	71.2	90.9
40	82.4	89.1	97.9	100.0						100.0	96.0	89.5	96.3
35	93.4	96.7	99.7								98.6	96.0	98.7
30	96.8	99.0	99.9								99.8	99.4	99.6
25	98.7	99.9	100.0								99.9	99.9	99.9
20	99.8	100.0									100.0	100.0	100.0
15	100.0												100.0
MEAN	48.6	51.1	57.7	66.4	74.0	80.5	82.0	81.6	77.0	66.9	55.1	49.7	65.9
S D	10.272	9.399	9.273	6.881	5.521	4.222	3.277	3.269	5.385	7.202	8.809	8.909	14.437
TOTAL OBS	837	791	867	839	868	838	868	837	840	868	810	868	10131

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

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-56, 64-72 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV	DEC.	ALL MONTHS
37		* 80	79*	87	(98)	98	97	96	92	90	77	72	
38	74	77	84	89	94	94	96	101	96	91	85	73	101
39	75	81	84	85	92	97	100	96	94	91	78	75	100
40	67	73	82	86	93	94	98	97	97	87	79	73	98
41	70	67	75	87	96	96	97	97	97	94	78	76	97
42									95	86	80	79	
43	79	77	83	(93)	92	99	102	102	93	88	83	78	102
44	78	81	80	86	94	102	100	97	96	90	80	74	102
45	69	(82)	(88)	88	96	100	97	97	98	89	84	65	100
46	77	77	86	89	91	95	94	95	92	86	83	77	95
47	78	72	85	88	92	96	96	(103)	97	89	75	75	103
48	70	82	86	88	95	98	98	99	95	85	83	77	99
49	80	79	85	87	93	94	98	95	92	89	79	78	98
50	80	80	85	85	93	99	96	95	93	85	84	76	99
51	74	80	85	89	97	98	99	101	99	91	80	62	101
52	78	78	83	88	93	102	104	100	92	91	82	75	104
53	76	75	82	89	(58)	99	100	100	97	87	79	73	100
54	76	80	(88)	89	97	(104)	100	(103)	(100)	(96)	77	75	104
55	75	76	86	90	93	93	98	97	96	90	83	78	98
56	72	81	85	88	95	98	97						
64	68	65	81	85	93	98	91	95	95	84	80	75	98
65	75	77	82	87	93	92	93	94	93	85	84	75	94
66	77	76*	82	88	92	95	(105)	95	95	87	79	76	105
67	77	75	87	89	93	95	91	92	89	87	84	78	95
68	71	69	85	85	88*	98	100	98	94	89	82	75	100
69	75	78	86	88	96	(104)	103	93	95	87		74	
70	74	72	79	92	95	97	99	94	95	91	76	81	99
71	(82)	80	77	87	90	96	100	93	92	91	(87)	(83)	100
72	79	81	82	92	88	98	97	97	97	88	83	80	98
MEAN	75,0	76,8	83,3	88,0	93,6	97,5	98,1	97,1	94,9	88,7	80,9	76,0	99.6
S D	3,917	4,506	3,196	2,073	2,588	3,061	3,377	3,093	2,490	2,800	3,042	3,507	2,814
TOTAL OBS	837	791	867	839	868	838	868	837	840	868	810	868	10131

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

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

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-56, 64-72
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV	DEC	ALL MONTHS
37	*	26	30*	39	53	67	69	68	53	(32)	23	(15)	
38	22	27	32	38	52	63	68	67	52	36	21	27	21
39	32	26	36	38	48	68	70	63	60	38	29	26	26
40	10	26	31	(30)	45	59	64	65	48	44	22	30	10
41	29	26	26	45	49	64	71	68	62	48	30	30	26
42									47	33	33	26	
43	22	21	(20)	38	53	69	64	63	54	38	30	20	20
44	27	25	33	38	(43)	62	65	65	62	43	34	22	22
45	25	26	38	43	47	62	70	65	59	45	27	17	17
46	26	31	39	44	51	57	68	61	54	44	38	32	26
47	28	19	24	45	49	60	62	70	50	52	32	30	19
48	10	30	32	47	52	63	71	64	58	36	37	26	10
49	29	30	31	39	58	63	71	66	48	44	29	28	28
50	33	33	32	36	61	61	65	64	59	49	(14)	21	14
51	23	(12)	33	38	51	67	69	67	57	45	25	20	12
52	26	31	34	38	48	68	69	62	58	33	31	23	23
53	28	29	39	39	54	65	65	64	58	39	35	21	21
54	27	27	28	43	48	57	71	68	59	35	26	25	25
55	24	21	24	45	53	56	68	70	66	38	23	22	21
56	26	34	34	42	51	(52)	67						
64	19	23	30	42	51	57	66	65	53	37	27	23	19
65	17	22	29	43	49	58	68	66	53	36	27	22	17
66	(7)	23*	27	39	46	(52)	68	61	57	43	28	19	7
67	26	20	32	46	50	61	(61)	65	(42)	40	32	26	20
68	23	21	25	41	46*	58	69	(60)	56	33	27	20	20
69	18	29	25	46	52	57	71	64	54	45		29	
70	10	17	31	40	52	60	62	69	54	46	17	24	10
71	16	15	28	36	45	64	67	67	60	41	28	33	15
72	10	24	33	38	53	(52)	64	68	55	45	32	26	10
MEAN	22.0	24.8	30.6	40.6	50.4	60.9	67.0	65.4	55.3	40.6	28.0	24.4	18.4
S.D	7.356	5.343	4.662	3.863	3.889	4.797	3.139	2.705	5.206	5.397	5.640	4.533	5.985
TOTAL OBS	837	791	867	839	868	838	868	837	840	868	810	868	10131

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

USAF ETAC FORM 0-88-5 (OL1)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) ALL (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
106/105													.0					1	1		
104/103												.0	.0	.0	.0	.0		23	23		
102/101												.0	.0	.0	.0	.0	.0	53	53		
100/ 99										.0	.0	.0	.0	.0	.0			220	220		
98/ 97							.0	.0	.0	.0	.1	.1	.0	.0	.0	.0		692	692		
96/ 95						.0	.0	.0	.1	.2	.2	.1	.0	.0	.0	.0		1779	1779		
94/ 93					.0	.0	.0	.1	.3	.3	.2	.1	.1	.0	.0	.0	.0	3262	3264		
92/ 91					.0	.0	.1	.3	.5	.3	.2	.1	.0	.0	.0	.0		4929	4929		
90/ 89					.0	.1	.4	.6	.4	.3	.2	.1	.0	.0	.0			6515	6515		
88/ 87				.0	.1	.3	.7	.5	.4	.3	.2	.1	.0	.0	.0			7374	7374	1	
86/ 85			.0	.0	.3	.7	.5	.4	.3	.2	.1	.1	.0	.0	.0			8523	8523	3	
84/ 83			.0	.2	.5	.7	.4	.4	.3	.2	.1	.0	.0	.0				9082	9082	19	1
82/ 81	.0	.0	.1	.7	.7	.5	.4	.3	.2	.2	.1	.1	.0	.0				10219	10220	232	9
80/ 79	.0	.1	.7	1.1	.7	.6	.4	.3	.2	.2	.1	.0	.0	.0				12945	12946	2349	54
78/ 77	.0	.4	1.5	.9	.6	.4	.3	.3	.2	.1	.1	.0	.(	.0				14803	14806	9250	716
76/ 75	.0	1.5	1.8	.9	.6	.4	.3	.2	.2	.1	.1	.0	.0					18425	18431	19119	4563
74/ 73	.1	2.0	1.4	.8	.5	.4	.3	.2	.2	.1	.1	.0	.0					18008	18011	24351	15078
72/ 71	.2	1.5	1.2	.7	.5	.3	.2	.2	.1	.1	.1	.0	.0					15453	15458	23160	24121
70/ 69	.1	1.1	1.2	.7	.4	.3	.2	.2	.2	.1	.0	.0						13862	13868	19704	21557
68/ 67	.1	1.1	1.1	.5	.4	.3	.2	.2	.1	.1	.0	.0						12626	12631	16862	17756
66/ 65	.2	1.2	.9	.5	.4	.3	.2	.2	.1	.1	.0	.0						12299	12302	16303	16701
64/ 63	.2	1.1	.7	.5	.3	.3	.2	.2	.1	.0	.0							11131	11134	14669	16070
62/ 61	.2	1.2	.7	.4	.3	.3	.2	.2	.1	.0	.0							10878	10884	13419	14489
60/ 59	.2	1.1	.7	.4	.3	.2	.2	.1	.1	.0								11070	11084	13128	14309
58/ 57	.2	1.0	.6	.4	.3	.3	.3	.1	.0	.0								10188	10204	11944	12714
56/ 55	.2	.9	.6	.3	.4	.3	.2	.1	.0									9872	9880	11218	11811
54/ 53	.2	.8	.6	.4	.4	.3	.2	.1	.0									8905	8912	10339	10997
52/ 51	.2	.8	.6	.4	.4	.3	.2	.1										8706	8711	9664	9616
50/ 49	.1	.8	.7	.5	.4	.3	.1	.0										8915	8917	10240	8986
48/ 47	.1	.7	.6	.5	.4	.2	.1	.0										8132	8133	10046	8898
46/ 45	.1	.8	.7	.5	.3	.2	.0	.0										8045	8047	10006	8877
44/ 43	.1	.7	.6	.4	.3	.1	.0											6840	6847	9343	8426
42/ 41	.1	.6	.6	.4	.2	.1	.0											6189	6193	8916	8301
40/ 39	.1	.6	.7	.3	.2	.0	.0											5844	5851	8618	8359

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION — MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME — 37-72 YEARS — ALL MONTH

PAGE 2 — ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
38/ 37	.1	.6	.5	.3	.1	.0												4795	4799	7082	8021
36/ 35	.1	.5	.4	.2	.1	.0												3855	3858	6424	8224
34/ 33	.1	.4	.3	.1	.0	.0												2843	2849	5003	7538
32/ 31	.0	.3	.2	.1	.0	.0												2136	2142	4212	7250
30/ 29	.0	.2	.2	.1	.0													1706	1713	2615	6534
28/ 27	.0	.2	.1	.0	.0													1122	1124	2092	4437
26/ 25	.0	.1	.1	.0														700	700	1509	4475
24/ 23	.0	.1	.1	.0	.0			.0										457	458	902	3755
22/ 21	.0	.0	.0	.0														255	255	584	2911
20/ 19	.0	.0	.0	.0														177	177	320	2041
18/ 17	.0	.0	.0		.0													123	123	215	1809
16/ 15	.0	.0	.0															71	71	138	1397
14/ 13	.0	.0	.0															40	40	62	947
12/ 11	.0	.0	.0															31	31	57	794
10/ 9	.0	.0																15	15	28	489
8/ 7		.0																15	15	16	355
6/ 5		.0																3	3	13	217
4/ 3		.0																1	1	2	132
2/ 1																					69
0/ -1																					64
-2/ -3																					33
-4/ -5																					34
-6/ -7																					18
-8/ -9																					8
-10/ -11																					4
-12/ -13																					4
-14/ -15																					1
-16/ -17																					1
TOTAL	3.2	22.4	20.2	13.7	10.2	8.1	6.5	5.3	4.2	2.9	1.8	.8	.4	.1	.0	.0	.0	304153	304391	304267	304261

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1584040548	21133996	69.5	19.589	304234							
Dry Bulb	1376050686	19881206	65.3	15.958	304391		196.3	4593.1	3386.2	1725.3	175.9	8760
Wet Bulb	1107856931	17866459	58.7	13.895	304267		365.0	3337.2	1611.4	28.1		8760
Dew Point	957368691	16368527	53.8	15.886	304261	4.8	1085.8	2440.0	599.5	.7		8760

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 YEARS | JAN MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81							.0											3	3		
80/ 79					.0	.0	.1	.0	.0									43	43		
78/ 77				.0	.1	.1	.1	.0	.0									84	84		
76/ 75		.0		.1	.1	.2	.1	.0			.0							126	126		
74/ 73		.0	.0	.1	.3	.3	.1	.1	.0									219	219	2	
72/ 71	.0	.1	.2	.3	.3	.2	.1	.1	.0	.0								326	326	15	3
70/ 69	.0	.4	.6	.4	.3	.2	.1	.1	.0		.0							575	575	107	24
68/ 67	.0	.8	.7	.4	.2	.2	.1	.1	.0	.0	.0							665	665	359	148
66/ 65	.1	1.1	.6	.4	.3	.2	.2	.1	.0	.0								794	794	732	347
64/ 63	.1	1.2	.6	.4	.2	.2	.2	.2	.1	.0								794	794	724	602
62/ 61	.3	1.3	.6	.4	.3	.3	.2	.1	.1	.0								927	927	825	716
60/ 59	.5	1.6	.6	.3	.3	.3	.2	.3	.1	.0								1118	1118	908	889
58/ 57	.5	1.6	.6	.3	.4	.4	.3	.2	.0									1126	1126	972	891
56/ 55	.5	1.3	.6	.6	.5	.5	.3	.3	.0									1228	1228	983	937
54/ 53	.6	1.4	.9	.7	.6	.3	.4	.2	.0									1328	1328	903	868
52/ 51	.4	1.6	1.0	.6	.5	.6	.3	.1										1360	1361	991	773
50/ 49	.3	1.7	1.1	.9	.8	.6	.3	.0										1518	1518	1302	780
48/ 47	.4	1.6	.9	1.1	.9	.6	.2	.0										1474	1474	1385	1011
46/ 45	.4	1.9	1.6	1.2	.8	.6	.1	.0										1656	1656	1409	1005
44/ 43	.3	1.7	1.5	.9	.7	.4	.1											1427	1427	1491	1055
42/ 41	.4	1.7	1.5	1.1	.8	.2	.0											1464	1464	1727	1099
40/ 39	.4	1.7	1.8	1.0	.7	.2												1495	1495	1626	1236
38/ 37	.3	1.7	1.6	1.1	.4	.0												1325	1325	1572	1282
36/ 35	.3	1.4	1.5	.7	.3	.0												1096	1096	1642	1346
34/ 33	.2	1.5	1.2	.6	.1	.0												918	918	1340	1272
32/ 31	.2	1.3	1.0	.4	.1													782	782	1312	1354
30/ 29	.1	1.1	1.0	.3	.0													653	654	944	1447
28/ 27	.1	.7	.6	.2	.0													421	421	773	1033
26/ 25	.1	.5	.5	.0														267	267	543	1064
24/ 23	.0	.4	.3	.0														192	193	337	978
22/ 21	.0	.3	.2	.0														128	128	234	812
20/ 19	.0	.3	.1															103	103	159	635
18/ 17	.0	.2	.1															77	77	118	537
16/ 15	.0	.1	.0															44	44	89	458

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JAN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
14/ 13	.0	.1	.0															27	27	36	357
12/ 11	.0	.1	.0															21	21	33	278
10/ 9	.0	.0																13	13	19	211
8/ 7		.0																9	9	10	146
6/ 5		.0																3	3	10	75
4/ 3		.0																1	1	2	49
2/ 1																					31
0/ -1																					40
-2/ -3																					12
-4/ -5																					19
-6/ -7																					7
-8/ -9																					4
-10/-11																					2
-12/-13																					1
TOTAL	6.6	32.5	23.6	14.6	10.1	6.6	3.7	1.8	.5	.1	.0							25830	25833	25834	25834

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	142831326	1854462	71.8	19.355	25827							
Dry Bulb	63568582	1240422	48.0	12.455	25833		79.0	56.8	13.7	.5		744
Wet Bulb	53239314	1131568	43.8	11.927	25834		133.0	13.9	.1			744
Dew Point	43594036	991994	38.4	14.595	25834	2.4	275.0	5.0				74

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85							.0											1	1		
84/ 83								.0	.0									4	4		
82/ 81							.0	.0	.0		.0							22	22		
80/ 79				.0		.1	.1	.1	.1	.0								74	74		
78/ 77				.0	.1	.2	.2	.1	.1	.0	.0	.0						147	147		
76/ 75			.0	.1	.2	.2	.2	.1	.0	.0	.0	.0						233	233		
74/ 73			.1	.2	.2	.2	.3	.2	.1	.1	.0							308	308	2	
72/ 71		.0	.3	.3	.3	.2	.2	.2	.1	.1	.0							409	409	6	1
70/ 69	.0	.3	.6	.4	.2	.4	.3	.2	.2	.1	.0							609	609	115	8
68/ 67	.0	.6	.6	.3	.4	.3	.2	.2	.1	.1	.0							707	707	365	113
66/ 65	.1	.9	.5	.4	.4	.3	.3	.3	.3	.1	.0							830	830	626	312
64/ 63	.1	1.0	.5	.5	.4	.3	.3	.3	.3	.1	.0							916	916	676	537
62/ 61	.2	1.3	.8	.5	.4	.3	.3	.3	.2	.1	.0							1056	1056	752	598
60/ 59	.5	1.5	.9	.6	.4	.4	.5	.5	.2	.0								1289	1289	991	789
58/ 57	.5	1.6	.9	.6	.5	.4	.6	.4	.1	.0								1331	1331	1122	793
56/ 55	.4	1.4	.8	.8	.6	.7	.7	.3	.0									1321	1321	1115	912
54/ 53	.3	1.3	.9	.7	.6	.7	.5	.2	.0									1236	1236	1028	964
52/ 51	.4	1.5	1.0	.8	.8	.7	.4	.1										1334	1334	1120	982
50/ 49	.4	1.6	1.2	.9	.9	.8	.3	.1										1439	1439	1370	842
48/ 47	.3	1.6	1.2	1.1	.9	.7	.2	.1										1437	1437	1418	984
46/ 45	.3	1.5	1.4	1.3	.8	.5	.2	.0										1430	1430	1561	1008
44/ 43	.3	1.5	1.4	1.1	.7	.4	.1											1300	1300	1590	1006
42/ 41	.2	1.4	1.6	1.0	.7	.3	.0											1197	1197	1554	1082
40/ 39	.3	1.3	1.7	.9	.5	.2	.0											1145	1145	1612	1109
38/ 37	.2	1.3	1.2	.8	.4	.1												927	927	1444	1145
36/ 35	.2	1.0	1.1	.6	.3	.0												719	719	1203	1296
34/ 33	.1	.8	.9	.5	.2	.0												568	568	987	1264
32/ 31	.1	.6	.7	.4	.1	.0												442	442	811	1273
30/ 29	.0	.6	.6	.3	.0													373	373	584	1190
28/ 27	.0	.4	.5	.1														247	247	477	851
26/ 25	.0	.2	.4	.1														173	173	369	886
24/ 23		.2	.2	.0														103	103	242	803
22/ 21		.1	.2	.0														65	65	147	592
20/ 19		.1	.1	.0														37	37	79	395

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMER STATION NAME | 37-41,43-72 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
18/ 17		.1	.1															24	24	57	427
16/ 15		.0	.0															14	14	28	314
14/ 13		.0																7	7	17	250
12/ 11		.0																4	4	14	254
10/ 9																					161
8/ 7																					105
6/ 5																					103
4/ 3																					59
2/ 1																					26
0/ -1																					17
-2/ -3																					12
-4/ -5																					4
-6/ -7																					7
-8/ -9																					2
-10/-11																					2
-12/-13																					1
-16/-17																					1
TOTAL	5.1	25.7	22.2	15.3	11.1	8.3	5.9	3.7	1.8	.7	.2	.0						23478	23478		23480
																		23478		23482	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	118443675	1594925	67.9	20.746	23480							
Dry Bulb	64218563	1194939	50.9	12.036	23478		42.6	72.0	22.6	1.8		672
Wet Bulb	51911020	1072594	45.7	11.147	23482		80.8	14.0	.1			672
Dew Point	41136970	925062	39.4	14.136	23480	1.3	221.4	3.5				672

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

DATA PROCESSING BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87										.0	.0							13	13		
86/ 85							.0	.0	.0	.1	.0	.0						47	47		
84/ 83							.1	.1	.1	.1	.0	.0	.0					117	117		
82/ 81					.0	.1	.2	.2	.1	.0	.0	.1	.0					180	180		
80/ 79		.0		.0	.1	.3	.3	.2	.1	.1	.1	.1	.0					320	320		
78/ 77	.0		.0	.0	.3	.3	.3	.3	.2	.1	.1	.1	.0					450	450	2	1
76/ 75		.0	.0	.2	.4	.3	.3	.2	.3	.3	.2	.1	.0					533	533		1
74/ 73		.0	.2	.4	.4	.3	.3	.3	.3	.2	.2	.0	.0					656	657	10	1
72/ 71		.1	.3	.6	.4	.4	.4	.3	.3	.2	.2	.0						861	861	113	7
70/ 69	.0	.6	.9	.6	.5	.4	.4	.3	.4	.3	.1	.0						1128	1128	508	59
68/ 67	.1	.9	.9	.5	.5	.3	.4	.4	.3	.3	.1							1205	1208	879	362
66/ 65	.1	1.3	.9	.6	.5	.5	.4	.4	.4	.2	.0							1333	1333	982	678
64/ 63	.3	1.6	1.0	.6	.5	.6	.4	.6	.5	.1	.0							1512	1513	1150	969
62/ 61	.3	1.5	.8	.6	.6	.6	.7	.5	.4	.1								1590	1593	1307	972
60/ 59	.5	1.5	.9	.7	.6	.7	.6	.4	.3	.0								1654	1660	1525	1264
58/ 57	.6	1.8	.9	.7	.7	.7	.6	.4	.2									1654	1665	1544	1287
56/ 55	.4	1.5	.9	.8	.7	.7	.7	.3	.1									1493	1498	1578	1198
54/ 53	.4	1.0	.9	.9	.8	.7	.5	.2	.0									1317	1321	1507	1137
52/ 51	.3	1.3	1.0	.9	.8	.7	.4	.1										1347	1348	1489	1003
50/ 49	.2	1.1	1.2	1.2	.8	.7	.3	.0										1343	1343	1655	1050
48/ 47	.2	.9	1.2	1.1	.8	.4	.2	.0										1197	1197	1584	1110
46/ 45	.2	1.1	1.3	.9	.7	.3	.1	.0										1162	1163	1669	1151
44/ 43	.2	1.0	1.1	.8	.6	.2	.0											980	985	1580	1200
42/ 41	.2	.8	.9	.7	.3	.1	.0											725	728	1425	1299
40/ 39	.1	.7	1.0	.7	.3	.0												666	669	1194	1340
38/ 37	.0	.6	.8	.4	.1	.0												501	505	923	1255
36/ 35	.1	.5	.6	.3	.0													391	393	829	1255
34/ 33	.0	.4	.3	.1	.0	.0												246	251	590	1085
32/ 31	.0	.2	.2	.1	.0	.0												121	123	441	1102
30/ 29	.0	.1	.1	.0	.0													63	68	182	1051
28/ 27	.0	.1	.1	.0														51	51	95	744
26/ 25	.0	.1	.1															33	33	82	682
24/ 23		.0	.1															20	20	46	503
22/ 21																				26	365

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
20/ 19																				6	271
18/ 17																					204
16/ 15																					128
14/ 13																					67
12/ 11																					65
10/ 9																					28
8/ 7																					12
6/ 5																					5
4/ 3																					3
2/ 1																					2
0/ -1																					2
TOTAL	4.1	21.5	19.1	14.3	11.3	9.3	7.4	5.5	4.0	2.1	1.1	.4	.1						24974		24918
																		24909		24917	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	119843648	1643886	66.0	21.376	24916							
Dry Bulb	84651826	1425020	57.1	11.565	24974		8.8	164.3	69.0	15.5		744
Wet Bulb	66681869	1263435	50.7	10.251	24917		26.2	45.1	.4			744
Dew Point	53120621	1103461	44.3	13.068	24918	.1	156.3	12.9	.1			744

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93												.0						1	1		
92/ 91										.0	.0	.0	.0					8	8		
90/ 89								.0	.0	.0	.0	.0	.0	.0				42	42		
88/ 87							.0	.1	.1	.2	.1	.1	.0	.0				189	189		
86/ 85						.0	.1	.3	.5	.3	.2	.1	.1	.0	.0			418	418		
84/ 83				.0	.0	.1	.3	.6	.5	.5	.3	.2	.2	.0				647	647		
82/ 81				.0	.1	.3	.7	.7	.5	.4	.4	.3	.1	.0				862	862		
80/ 79			.0	.0	.2	.7	.7	.6	.5	.4	.5	.2	.0	.0				1013	1013		
78/ 77			.0	.2	.7	.8	.7	.5	.5	.5	.3	.1	.0					1055	1055	1	
76/ 75	.0	.0	.1	.6	.9	.7	.6	.5	.6	.4	.3	.1	.0					1220	1220	31	2
74/ 73		.1	.3	1.0	.9	.5	.6	.5	.6	.4	.2	.1	.0					1379	1379	157	7
72/ 71	.0	.4	1.3	1.1	.9	.6	.6	.5	.4	.4	.2	.0						1583	1583	603	55
70/ 69	.0	1.0	1.8	1.2	.8	.6	.6	.5	.5	.3	.1							1859	1861	1487	294
68/ 67	.1	1.8	1.9	1.0	.6	.6	.5	.5	.3	.2	.0							1930	1931	1984	797
66/ 65	.4	2.3	1.8	1.0	.8	.6	.5	.4	.3	.1	.0	.0						2074	2075	2454	1678
64/ 63	.3	2.0	1.2	1.0	.8	.6	.4	.4	.2	.1	.0							1727	1729	2299	2101
62/ 61	.4	2.3	1.0	.9	.7	.5	.4	.3	.2	.0								1678	1678	2327	2043
60/ 59	.3	1.7	1.3	1.0	.7	.5	.4	.3	.1	.0								1534	1534	2219	2031
58/ 57	.3	1.2	1.3	.8	.6	.4	.3	.1	.0									1271	1271	1927	1750
56/ 55	.1	1.1	1.0	.8	.5	.3	.1	.1	.0									1014	1014	1815	1451
54/ 53	.1	.9	.8	.7	.5	.2	.1	.0										843	843	1626	1493
52/ 51	.1	.6	.8	.6	.4	.2	.1											662	662	1372	1400
50/ 49	.1	.6	.7	.5	.3	.1	.0	.0										571	571	1171	1462
48/ 47	.0	.5	.6	.5	.2	.0	.0											455	455	1012	1247
46/ 45	.0	.4	.5	.3	.1	.0												334	334	804	1188
44/ 43		.2	.4	.2	.0	.0												180	188	572	1086
42/ 41	.0	.2	.2	.1	.0													144	144	424	946
40/ 39	.0	.1	.2	.0														88	88	272	873
38/ 37	.0	.1	.0	.0														30	30	170	765
36/ 35	.0	.0		.0														6	6	81	669
34/ 33			.0															1	1	12	440
32/ 31			.0															3	3	4	363
30/ 29		.0																1	1	3	277
28/ 27																				3	122

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

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) APR (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
26/ 25																					106
24/ 23																					85
22/ 21																					60
20/ 19																					12
18/ 17																					19
16/ 15																					6
14/ 13																					1
12/ 11																					1
TOTAL	2.4	17.3	17.6	13.7	10.6	8.7	7.7	7.0	6.2	4.4	2.8	1.1	.4	.1	.0			24830	24836		24830
																		24830		24830	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	116656365	1621533	65.3	20.808	24827							
Dry Bulb	111276981	1643075	66.2	10.185	24836		.1	353.9	198.1	78.9	.0	720
Wet Bulb	86475984	1451350	58.5	8.133	24830		.3	123.6	5.5			720
Dew Point	71376296	1205242	52.6	10.550	24830		30.5	33.5	.3			720

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAY (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97										.0	.0	.0	.0	.0				13	13		
96/ 95										.0	.0	.1	.1	.0	.0	.0		86	86		
94/ 93								.0	.0	.1	.2	.2	.2	.1	.0	.0		200	200		
92/ 91							.0	.0	.2	.3	.5	.4	.2	.1	.0	.0		449	449		
90/ 89							.0	.2	.7	.7	.8	.4	.2	.1	.0			799	799		
88/ 87					.0	.0	.2	.6	1.2	.9	.6	.4	.1	.0	.0			1036	1036		
86/ 85					.0	.1	.6	1.1	1.1	.8	.6	.3	.2	.1				1234	1234		
84/ 83				.0	.1	.5	1.1	1.2	.8	.6	.4	.2	.1	.0				1280	1280		
82/ 81			.0	.1	.4	1.0	1.2	.9	.7	.4	.4	.2	.0	.0				1372	1372		
80/ 79			.0	.4	1.1	1.5	1.0	.8	.7	.4	.3	.1	.0					1618	1618	6	
78/ 77	.0	.0	.2	1.0	1.6	1.1	.8	.7	.5	.3	.2	.1						1644	1644	65	2
76/ 75	.0	.1	.9	1.7	1.6	.9	.7	.5	.3	.3	.2	.1						1838	1838	375	18
74/ 73	.0	.6	2.0	2.1	1.1	.9	.5	.4	.2	.2	.1	.0						2088	2088	1379	103
72/ 71	.1	1.6	2.8	1.7	.9	.7	.4	.2	.2	.1	.0	.0						2253	2253	2753	492
70/ 69	.2	2.5	3.0	1.4	.9	.5	.4	.2	.2	.0	.0							2375	2376	4001	1633
68/ 67	.2	2.5	2.1	1.2	.7	.4	.2	.2	.1	.0								1954	1954	3913	2832
66/ 65	.3	2.0	1.6	.9	.6	.3	.2	.1	.1	.0								1555	1555	3336	3569
64/ 63	.2	1.4	1.2	.7	.4	.2	.2	.1	.0									1105	1107	2514	3214
62/ 61	.1	1.0	.9	.6	.4	.2	.1	.0	.0									823	823	1965	2432
60/ 59	.1	.9	.7	.5	.2	.1	.0	.0										675	675	1555	2271
58/ 57	.0	.6	.5	.3	.2	.1	.0											448	449	1180	1949
56/ 55	.0	.4	.4	.3	.1	.0	.0											325	325	912	1629
54/ 53	.0	.2	.4	.2	.1	.0												243	243	657	1228
52/ 51	.0	.2	.2	.1	.0													144	144	450	1048
50/ 49	.0	.1	.1	.1	.0	.0												95	95	316	781
48/ 47		.0	.1	.0	.0													38	38	175	647
46/ 45		.0	.0	.0														17	17	101	547
44/ 43	.0		.0															3	3	43	402
42/ 41																				12	335
40/ 39																				3	270
38/ 37																					136
36/ 35																					89
34/ 33																					45
32/ 31																					19

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

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAY (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
30/ 29																					12
28/ 27																					3
26/ 25																					2
24/ 23																					2
TOTAL	1.3	14.3	17.3	13.3	10.1	8.6	7.7	7.0	6.9	5.1	4.3	2.4	1.2	.4	.1	.0		25714			25710
																	25710		25711		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Ref Hum	120227387	1683241	65.5	19.747	25710
Dry Bulb	142186133	1897123	73.8	9.293	25714
Wet Bulb	107932934	1673850	65.1	6.114	25711
Dew Point	93919988	1541096	59.9	7.751	25710

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Ref Hum			585.6	395.1	212.8	8.7	744
Dry Bulb			361.5	52.8	.1		744
Wet Bulb		1.1	147.0	3.6			744
Dew Point							744

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION — MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME — 37-41,43-72 YEARS — JUN MONTH

PAGE 1 — ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
104/103													.0	.0	.0	.0		8	8		
102/101												.0	.0	.0	.0			14	14		
100/ 99										.0	.0	.1	.1	.1	.0			65	65		
98/ 97									.0	.2	.2	.2	.1	.0	.0	.0		194	194		
96/ 95						.0		.0	.2	.5	.6	.3	.1	.0	.0	.0		461	461		
94/ 93					.0	.0	.0	.2	.6	1.1	.8	.4	.2	.1	.0		.0	816	816		
92/ 91					.0	.0	.2	.8	1.4	1.1	.7	.3	.1	.1	.0			1195	1195		
90/ 89					.0	.2	.7	1.6	1.4	.8	.5	.3	.1	.0				1407	1407		
88/ 87				.0	.1	.7	1.7	1.5	1.0	.6	.4	.2	.1					1561	1561	1	
86/ 85				.1	.7	1.6	1.6	1.0	.6	.4	.3	.1	.0					1590	1590	1	
84/ 83			.0	.4	1.4	1.9	1.0	.7	.4	.3	.2	.0						1555	1555	2	1
82/ 81		.0	.2	1.2	2.2	1.3	.8	.4	.2	.2	.0	.0						1630	1631	40	1
80/ 79	.0	.1	1.3	2.7	2.0	1.1	.4	.3	.2	.0	.1	.0						2058	2059	437	8
78/ 77	.0	.6	3.1	2.7	1.3	.6	.3	.2	.1	.0	.0							2269	2272	1623	96
76/ 75	.1	2.1	4.5	2.4	.9	.4	.2	.1	.0	.0	.0							2643	2648	3762	659
74/ 73	.2	4.2	4.0	1.4	.5	.2	.1	.0	.0	.0								2647	2647	4964	2269
72/ 71	.3	4.1	2.4	.8	.4	.2	.0	.0	.0									2071	2071	4934	4569
70/ 69	.2	2.2	1.4	.7	.2	.1	.0	.0	.0									1190	1190	3842	5151
68/ 67	.1	1.0	.8	.4	.1	.1	.0	.0										657	657	2181	3878
66/ 65	.1	.4	.5	.2	.1	.0	.0	.0										338	338	1282	2570
64/ 63	.0	.4	.4	.1	.0	.0	.0											217	217	769	1655
62/ 61	.0	.2	.2	.0	.0	.0												124	124	442	1199
60/ 59		.1	.1	.0	.0	.0												73	73	298	973
58/ 57		.1	.0	.0	.0	.0												24	24	133	606
56/ 55			.0	.0	.0													8	8	63	475
54/ 53			.0	.0														4	4	22	297
52/ 51			.0	.0														5	5	11	181
50/ 49																				9	83
48/ 47																				8	51
46/ 45																				1	32
44/ 43																					31
42/ 41																					28
40/ 39																					12
38/ 37																					1

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 YEARS | JUN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
36/ 35 TOTAL	1.0	15.5	19.0	13.2	10.3	8.4	7.1	7.0	6.2	5.4	3.8	1.9	.8	.3	.1	.0	.0		24834		24827
																		24824		24825	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	126920084	1716972	69.2	18.131	24823							
Dry Bulb	159211946	1978544	79.7	7.976	24834			697.0	583.4	336.5	45.2	720
Wet Bulb	126891908	1771626	71.4	4.307	24825			631.9	314.1	5.2		720
Dew Point	113537996	1673674	67.4	5.347	24827			462.3	88.0	.1		720

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUL (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
106/105													.0					1	1		
104/103												.0	.0		.0	.0		12	12		
102/101												.0	.0	.0	.0			23	23		
100/ 99										.0	.0	.1	.1	.0	.0			75	75		
98/ 97									.0	.1	.4	.2	.1	.0				211	211		
96/ 95							.0	.1	.4	.6	.6	.2	.1	.0				579	579		
94/ 93						.0	.1	.5	1.2	1.1	.5	.1	.1	.0				919	919		
92/ 91					.0	.1	.5	1.5	1.6	.7	.4	.1	.0	.0				1216	1216		
90/ 89					.0	.4	1.6	2.3	1.0	.5	.2	.1	.0					1572	1572		
88/ 87				.0	.2	1.6	2.4	1.1	.5	.3	.1	.0	.0					1613	1613		
86/ 85				.2	1.4	2.7	1.4	.5	.3	.1	.1	.0						1704	1704	1	
84/ 83			.1	1.0	2.8	1.8	.6	.2	.1	.1	.0	.0						1712	1712	11	
82/ 81	.0	.0	.7	3.0	2.2	.8	.4	.1	.1	.0	.0							1885	1885	103	6
80/ 79	.0	.3	2.9	3.9	1.4	.4	.2	.1	.0	.0								2366	2366	932	24
78/ 77	.0	1.8	6.1	2.5	.6	.2	.1	.0	.0									2897	2897	3540	293
76/ 75	.2	6.0	6.0	1.3	.4	.1	.0	.0										3554	3554	6084	1822
74/ 73	.4	6.9	3.0	.7	.2	.0	.0											2896	2897	6512	5522
72/ 71	.5	3.7	1.5	.3	.2	.0	.0											1565	1565	4702	7560
70/ 69	.1	.9	.5	.2	.1	.0												446	446	2147	4914
68/ 67	.0	.2	.2	.1	.0	.0												150	150	791	2408
66/ 65	.0	.1	.1	.0	.0													54	54	363	1215
64/ 63		.0	.0	.0	.0													26	26	187	712
62/ 61		.0	.0	.0														11	11	75	410
60/ 59																				26	282
58/ 57																				10	155
56/ 55																				3	80
54/ 53																					41
52/ 51																					22
50/ 49																					14
48/ 47																					5
TOTAL	1.3	20.0	21.0	13.4	9.5	8.3	7.2	6.5	5.2	3.8	2.3	1.0	.4	.2	.1	.0		25487	25488	25487	25485

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	144019797	1868081	73.3	16.670	25484							
Dry Bulb	167988657	2061299	80.9	7.099	25488			741.3	678.3	372.9	53.1	744
Wet Bulb	138520142	1877212	73.7	.173	25487			724.6	501.6	11.2		744
Dew Point	127147117	1797651	70.5	.680	25485			658.3	223.8	.4		744

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-70,72 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
104/103														.0	.0			3	3		
102/101												.0	.0	.0		.0	.0	16	16		
100/ 99										.0	.0	.1	.1	.1	.0			72	72		
98/ 97							.0	.0	.0	.2	.3	.2	.1	.0	.0			211	211		
96/ 95							.0	.0	.4	.6	.5	.3	.1	.0	.0			481	481		
94/ 93						.0	.1	.5	1.1	1.2	.7	.2	.1	.0	.0			935	935		
92/ 91					.0	.0	.5	1.4	1.7	1.1	.4	.2	.0	.0				1346	1346		
90/ 89					.0	.4	1.7	2.2	1.2	.6	.3	.1	.0					1615	1615		
88/ 87					.3	1.4	2.4	1.1	.6	.3	.1	.0						1593	1593		
86/ 85			.0	.2	1.2	2.6	1.3	.6	.5	.2	.1	.0						1692	1692	1	
84/ 83			.1	1.0	2.3	1.9	.6	.4	.2	.1	.0							1663	1663	6	
82/ 81		.0	.8	2.6	2.3	.8	.4	.2	.1	.0	.0							1811	1811	85	1
80/ 79	.0	.4	2.8	3.7	1.3	.5	.2	.1	.0	.0								2270	2270	889	19
78/ 77	.0	2.0	5.4	2.4	.7	.3	.1	.0	.0									2729	2729	3106	290
76/ 75	.1	6.1	5.5	1.4	.4	.2	.1	.0										3436	3436	5909	1746
74/ 73	.5	6.9	2.6	.6	.3	.1	.0											2751	2751	6459	5093
72/ 71	.5	3.2	1.2	.4	.2	.0	.0	.0										1390	1390	4460	6985
70/ 69	.1	.9	.7	.3	.1	.0												549	549	2092	4627
68/ 67	.0	.4	.5	.1	.0													282	282	1003	2366
66/ 65	.0	.3	.2	.0	.0													135	135	570	1439
64/ 63	.0	.0	.1	.0														43	43	310	978
62/ 61		.0	.1	.0														22	22	94	677
60/ 59			.0															4	4	46	424
58/ 57																				16	201
56/ 55																				4	115
54/ 53																					62
52/ 51																					18
50/ 49																					9
TOTAL	1.3	20.1	20.0	12.8	9.1	8.3	7.4	6.6	5.7	4.3	2.4	1.2	.5	.1	.0	.0	.0	25049	25049	25050	25050

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	139282178	1817858	72.6	17.143	25050							
Dry Bulb	164970571	2024741	80.8	7.227	25049			737.9	672.0	374.2	51.0	744
Wet Bulb	135235351	1838603	73.4	3.384	25050			713.1	488.7	11.0		744
Dew Point	123639509	1756985	70.1	4.027	25050			627.5	212.3	.1		744

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99												.0	.0	.0	.0			8	8		
98/ 97										.0	.0	.1	.1	.0	.0			63	63		
96/ 95									.0	.1	.2	.2	.1	.1	.0			168	168		
94/ 93								.0	.3	.4	.3	.2	.1	.1	.0	.0		374	376		
92/ 91							.0	.4	.8	.7	.4	.2	.1	.0	.0			672	672		
90/ 89					.0	.1	.4	1.1	1.0	.6	.3	.2	.1	.0	.0			995	995		
88/ 87					.0	.4	1.2	.9	.8	.6	.3	.2	.0	.0				1157	1157		
86/ 85			.0	.0	.3	1.3	1.3	1.1	.9	.4	.3	.1	.0	.0				1402	1402		
84/ 83			.0	.2	1.1	1.3	1.0	.6	.5	.4	.2	.1	.0	.0				1392	1392		
82/ 81	.0	.0	.1	1.0	1.4	1.1	.8	.6	.5	.2	.2	.0						1479	1479	4	1
80/ 79		.1	.9	1.9	1.5	1.1	.7	.4	.3	.2	.1	.0						1837	1837	83	3
78/ 77	.0	.7	2.4	1.8	1.1	.6	.6	.3	.2	.2	.1	.0						2004	2004	891	32
76/ 75	.1	3.0	3.6	1.7	1.0	.6	.4	.2	.2	.1	.0							2794	2794	2721	389
74/ 73	.3	4.5	2.8	1.3	.8	.4	.3	.2	.1	.1	.0							2750	2750	4133	1915
72/ 71	.5	3.2	2.4	1.1	.7	.3	.2	.1	.1	.0								2200	2204	4330	3916
70/ 69	.3	2.3	2.1	1.2	.6	.4	.2	.1	.0									1817	1820	3236	3698
68/ 67	.2	1.8	1.7	.7	.4	.2	.1	.1	.0									1306	1306	2552	3164
66/ 65	.2	1.5	1.1	.6	.3	.2	.1	.0	.0									1046	1046	2291	2536
64/ 63	.1	1.0	.8	.5	.2	.1	.0	.0										717	717	1577	2187
62/ 61	.1	.9	.6	.3	.2	.1	.0	.0										522	522	1164	1788
60/ 59	.1	.5	.4	.3	.1	.1	.0											359	359	947	1497
58/ 57	.0	.3	.3	.1	.1	.0	.0											181	181	676	1177
56/ 55	.0	.3	.2	.1	.0	.0												153	153	374	882
54/ 53	.0	.1	.1	.1	.0													67	67	266	726
52/ 51		.0	.1	.0	.0													41	41	130	477
50/ 49		.0	.0	.0														20	20	82	379
48/ 47		.0	.0															14	14	51	298
46/ 45		.0	.0															6	6	24	208
44/ 43	.0	.0	.0															9	9	16	109
42/ 41		.0																1	1	5	80
40/ 39																				2	60
38/ 37																					17
36/ 35																					14
34/ 33																					2

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

USAFETAC FORM 0-26-5 (OL A) 85 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) SEP (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.9	20.2	19.8	12.7	10.0	8.1	7.3	6.1	5.5	4.0	2.5	1.3	.6	.2	.0	.0		25554	25653	25645	25645

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	138803011	1827075	71.3	18.328	25641							
Dry Bulb	150766244	1954362	76.2	8.547	25653			631.4	480.9	243.3	17.3	720
Wet Bulb	122419150	1765524	68.8	5.832	25645			505.7	220.2	.6		720
Dew Point	109716552	1667694	65.0	7.027	25645			369.7	65.8	.1		720

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B./W.B.	Dr, Bulb	Wet Bulb	Dew Point
96/ 95											.0	.0						4	4		
94/ 93									.0	.0	.0	.0						17	17		
92/ 91								.0	.1	.1	.0	.0	.0					43	43		
90/ 89							.0	.0	.1	.1	.0	.0						85	85		
88/ 87							.1	.2	.2	.2	.1	.1	.0	.0				212	212		
86/ 85					.0	.1	.3	.3	.3	.3	.2	.1	.0		.0			433	433		
84/ 83			.0	.0	.1	.3	.5	.4	.5	.5	.3	.1	.0					675	675		
82/ 81			.0	.1	.2	.4	.5	.6	.5	.5	.3	.1	.0	.0				873	873		
80/ 79			.1	.3	.3	.7	.7	.6	.6	.6	.2	.2	.1					1124	1124	2	
78/ 77		.1	.3	.5	.6	.6	.5	.7	.5	.4	.2	.1	.0	.0				1176	1176	22	2
76/ 75	.0	.3	.7	.7	.8	.7	.7	.5	.4	.4	.2	.1	.0					1490	1491	233	26
74/ 73	.0	.7	1.0	.9	.7	.7	.6	.5	.4	.3	.1	.0						1564	1564	703	163
72/ 71	.1	1.3	1.3	1.1	.9	.6	.5	.3	.4	.2	.1	.0	.0					1772	1773	1092	497
70/ 69	.2	1.6	1.5	1.1	.8	.7	.5	.3	.4	.2	.1	.0						1951	1951	1746	993
68/ 67	.1	1.8	1.9	1.0	.9	.5	.4	.4	.3	.1	.0	.0						1946	1946	2017	1281
66/ 65	.3	2.1	1.8	1.1	.7	.4	.4	.3	.1	.1	.0							1954	1956	2346	1617
64/ 63	.2	2.2	1.5	1.0	.5	.4	.3	.2	.1	.0	.0							1749	1749	2470	1801
62/ 61	.2	2.2	1.5	.9	.6	.4	.2	.2	.1	.0								1681	1683	2387	2037
60/ 59	.3	2.0	1.6	.9	.7	.4	.2	.1	.0									1611	1619	2312	2044
58/ 57	.1	1.9	1.4	.7	.4	.2	.2	.1	.0									1337	1341	2076	1978
56/ 55	.2	1.9	1.1	.6	.5	.2	.1	.0										1194	1196	1966	2105
54/ 53	.1	1.2	.9	.5	.3	.2	.0	.0										878	880	1708	1943
52/ 51	.1	1.1	.8	.4	.2	.1	.0	.0										729	732	1324	1606
50/ 49	.0	.9	.8	.3	.2	.1	.0											610	611	1085	1381
48/ 47	.1	.6	.6	.3	.1	.0	.0											449	449	910	1218
46/ 45	.0	.6	.4	.1	.0	.0												323	323	680	1143
44/ 43	.0	.3	.3	.1	.0													210	210	487	976
42/ 41	.0	.2	.2	.1	.0													140	140	369	906
40/ 39	.0	.2	.2	.0														113	114	221	724
38/ 37	.0	.1	.1	.0														51	51	130	507
36/ 35	.0	.1	.0															36	36	88	451
34/ 33		.0	.0															12	12	48	322
32/ 31		.0																2	.2	21	266
30/ 29																				1	167

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 YEARS | OCT MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
28/ 27																					90
26/ 25																					80
24/ 23																					46
22/ 21																					35
20/ 19																					20
18/ 17																					9
16/ 15																					4
14/ 13																					1
TOTAL	2.2	23.3	19.8	12.8	9.5	7.7	6.8	5.9	5.1	3.8	2.0	.8	.2	.0	.0			26444	26471	26444	26444

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	137039095	1832247	69.3	20.095	26442							
Dry Bulb	119291675	1755437	66.3	10.429	26471		.1	375.7	216.3	82.2	.6	744
Wet Bulb	95433679	1573143	59.5	8.360	26444		.6	163.6	27.0			744
Dew Point	81468050	1442688	54.6	10.217	26444		20.3	83.3	5.4			744

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 YEARS | NOV MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85							.0	.0										2	2		
84/ 83						.0	.0	.0	.1	.0	.0							36	36		
82/ 81					.0	.1	.1	.1	.1	.0	.0		.0					94	94		
80/ 79				.0	.1	.1	.2	.2	.2	.0	.0	.0	.0					202	202		
78/ 77			.0	.1	.1	.2	.2	.3	.2	.1	.0	.0	.0					299	299		
76/ 75		.0	.0	.1	.2	.3	.4	.3	.2	.1	.0	.0	.0					436	436	1	
74/ 73		.1	.2	.2	.3	.4	.3	.3	.2	.1	.1	.0						566	567	28	2
72/ 71	.0	.3	.3	.4	.4	.4	.4	.2	.2	.1	.1	.0						701	701	127	34
70/ 69	.1	.4	.4	.5	.5	.5	.3	.4	.2	.2	.1	.0						918	918	301	133
68/ 67	.0	.7	.8	.5	.6	.5	.4	.4	.3	.2	.1							1147	1148	534	261
66/ 65	.2	1.2	1.0	.7	.6	.4	.4	.3	.4	.2	.0	.0						1372	1372	802	428
64/ 63	.3	1.6	.8	.7	.4	.4	.4	.4	.4	.2	.0							1440	1440	1193	697
62/ 61	.2	1.5	.8	.6	.5	.4	.4	.5	.3	.1	.0							1380	1381	1314	969
60/ 59	.3	1.5	1.0	.6	.7	.5	.6	.5	.2	.0								1525	1525	1358	1083
58/ 57	.4	1.5	1.1	.7	.7	.6	.6	.4	.1	.0								1555	1555	1359	1068
56/ 55	.3	1.8	1.4	.9	.8	.7	.6	.2	.0									1728	1728	1436	1163
54/ 53	.3	1.8	1.1	.8	.7	.7	.5	.1	.0									1549	1550	1508	1339
52/ 51	.3	1.6	1.4	.9	.8	.5	.3	.0										1521	1521	1674	1240
50/ 49	.3	1.7	1.5	1.1	.8	.5	.2	.0										1546	1547	1868	1291
48/ 47	.2	1.4	1.3	1.1	.7	.3	.1	.0										1321	1322	1805	1270
46/ 45	.1	1.5	1.3	1.0	.5	.3	.1											1259	1260	1860	1416
44/ 43	.2	1.3	1.3	.7	.4	.1	.0											1040	1041	1603	1270
42/ 41	.2	1.4	1.2	.8	.4	.1												1000	1001	1469	1212
40/ 39	.3	1.2	1.3	.5	.2	.0												888	891	1428	1384
38/ 37	.2	1.2	.7	.4	.1	.0												693	693	1121	1429
36/ 35	.2	.9	.6	.2	.1	.0												506	507	1019	1455
34/ 33	.1	.6	.4	.1	.0													308	309	653	1386
32/ 31	.1	.4	.2	.1	.0													217	215	460	1181
30/ 29	.1	.3	.2	.1														163	163	244	1011
28/ 27	.0	.2	.1	.0														99	99	202	589
26/ 25	.0	.1	.0	.0														36	36	104	704
24/ 23	.0	.1	.0		.0			.0										38	38	68	517
22/ 21	.0	.0	.0															17	17	37	373
20/ 19	.0	.0	.0															9	9	21	232

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

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
18/ 17		.0			.0													5	5	8	153
16/ 15		.0	.0															2	2	6	108
14/ 13		.0	.0															3	3	2	80
12/ 11																				3	49
10/ 9																				.3	33
8/ 7																					32
6/ 5																					13
4/ 3																					5
2/ 1																					3
-12/-13																					1
-14/-15																					1
TOTAL	4.4	26.2	20.8	14.0	10.6	8.1	6.4	4.7	3.0	1.3	.4	.1	.0						25633		25615
																		25616		25619	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	132835148	1768714	69.1	20.432	25612							
Dry Bulb	80955992	1409868	55.0	11.535	25633		16.5	123.7	46.0	6.3		720
Wet Bulb	65245810	1265996	49.4	10.238	25619		32.5	27.9	.8			720
Dew Point	52998829	1120203	43.7	12.512	25615	.1	142.9	12.1	.1			720

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 YEARS | DEC MONTH

ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
84/ 83							.0											1	1		
82/ 81						.0	.0											8	8		
80/ 79			.0	.0	.0	.0	.0	.0	.0									20	20		
78/ 77		.0	.0	.0	.0	.1	.0	.0	.0									49	49		
76/ 75			.0	.1	.1	.1	.1	.0	.0									122	122	3	
74/ 73			.1	.2	.1	.2	.1	.0	.0		.0							184	184	2	3
72/ 71		.1	.2	.2	.3	.2	.1	.1	.0	.0	.0	.0						322	322	25	2
70/ 69	.0	.2	.4	.3	.3	.2	.1	.0	.0	.0	.0							445	445	122	23
68/ 67	.1	.6	.7	.3	.3	.2	.1	.1	.1	.0	.0							677	677	284	146
66/ 65	.1	1.1	.6	.3	.3	.2	.2	.2	.1	.0	.0							814	814	519	312
64/ 63	.3	1.1	.6	.4	.3	.3	.2	.2	.1	.0	.0							885	885	800	617
62/ 61	.4	1.4	.5	.4	.3	.4	.2	.2	.1	.0	.0							1064	1064	767	648
60/ 59	.4	1.6	.6	.5	.4	.4	.4	.3	.1	.0								1228	1228	943	762
58/ 57	.4	1.5	.6	.4	.5	.5	.5	.2	.0									1261	1261	929	859
56/ 55	.5	1.3	.7	.6	.6	.7	.6	.2	.0									1408	1409	969	864
54/ 53	.6	1.4	.8	.7	.7	.7	.4	.1	.0									1440	1440	1114	899
52/ 51	.4	1.5	.9	.9	.9	.8	.4	.1										1503	1563	1103	866
50/ 49	.4	1.9	1.3	1.1	1.1	.6	.3	.1										1773	1773	1382	914
48/ 47	.5	1.8	1.2	1.3	1.0	.5	.2	.0										1747	1747	1698	1057
46/ 45	.7	2.1	1.5	1.4	.8	.5	.1											1858	1858	1897	1179
44/ 43	.5	2.0	1.8	1.2	.7	.3	.0											1683	1684	1961	1291
42/ 41	.4	1.6	2.0	.9	.6	.2	.0											1518	1518	1931	1314
40/ 39	.5	1.6	1.9	.9	.5	.1												1449	1449	2060	1351
38/ 37	.3	1.7	1.5	1.0	.2	.0												1268	1268	1722	1484
36/ 35	.3	1.8	1.3	.7	.2	.0												1101	1101	1566	1648
34/ 33	.3	1.4	.8	.4	.1	.0												790	790	1373	1722
32/ 31	.2	1.0	.7	.3	.0													574	575	1163	1692
30/ 29	.1	.8	.7	.2	.0													453	454	657	1479
28/ 27	.1	.6	.4	.0														304	306	542	1005
26/ 25	.0	.4	.3	.0														191	191	411	951
24/ 23	.0	.2	.2	.0														104	104	209	821
22/ 21	.0	.1	.1															45	45	140	674
20/ 19	.0	.1	.0															28	28	55	476
18/ 17		.1	.0															17	17	32	455

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 YEARS | DEC MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
16/ 15		.0	.0															11	11	15	379
14/ 13			.0															3	3	7	191
12/ 11		.0	.0															6	6	7	147
10/ 9		.0																2	2	6	56
8/ 7		.0																6	6	6	60
6/ 5																				3	21
4/ 3																					16
2/ 1																					7
0/ -1																					5
-2/ -3																					9
-4/ -5																					11
-6/ -7																					4
-8/ -9																					2
-12/-13																					1
TOTAL	7.3	31.2	22.6	14.6	10.4	7.1	4.0	1.9	.6	.2	.1	.0						26422	26428	26423	26423

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	147338834	1905002	72.1	19.445	26422							
Dry Bulb	66963516	1296376	49.1	11.296	26428		49.2	51.5	10.8	.4		744
Wet Bulb	55869770	1181558	44.7	10.716	26423		91.6	12.3	.1			744
Dew Point	45712727	1042777	39.5	13.137	26423	.9	238.3	4.9	.1			744

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71		.0	.2															6	6		
70/ 69		.5	.2															23	23	3	3
68/ 67	.0	1.2	.3	.1	.1		.0											58	58	28	14
66/ 65	.0	1.7	.4	.1														72	72	59	37
64/ 63	.1	1.6	.4	.2														73	73	65	74
62/ 61	.4	2.1	.6	.2														105	105	99	82
60/ 59	.7	2.5	.6	.2														126	126	103	95
58/ 57	.7	2.0	.9	.1	.1	.0												125	125	123	104
56/ 55	.8	1.9	.6	.2	.1													117	117	124	129
54/ 53	.8	1.9	.8	.7	.2	.1	.0											142	142	118	110
52/ 51	.7	2.0	1.2	.4		.1												143	143	97	102
50/ 49	.5	2.0	.9	.4	.3	.0												134	134	139	99
48/ 47	.6	2.1	.7	.6	.4													139	139	145	112
46/ 45	.4	2.8	1.9	1.1	.2													207	207	125	131
44/ 43	.4	2.8	2.1	.7	.1	.1												201	201	155	118
42/ 41	.4	2.1	2.4	.7	.5	.0												199	199	197	138
40/ 39	.6	3.1	2.9	.8	.1	.0												242	242	213	156
38/ 37	.4	2.7	2.8	1.3	.3	.0												242	242	219	163
36/ 35	.5	2.6	2.6	.6	.1													207	207	221	183
34/ 33	.3	2.6	1.6	.9														172	172	228	169
32/ 31	.1	2.1	1.7	.4														140	140	203	192
30/ 29	.1	2.0	1.6	.2														133	133	149	191
28/ 27	.1	1.0	.8	.1														64	64	156	134
26/ 25	.0	.6	.3															36	36	84	135
24/ 23	.0	.3	.0															31	31	42	110
22/ 21	.0	.3	.2															24	24	32	113
20/ 19	.0	.4	.1															16	16	38	67
18/ 17		.5	.1															18	18	15	60
16/ 15		.1	.0															5	5	13	55
14/ 13		.1																3	3	6	32
12/ 11		.1	.0															5	5	5	39
10/ 9		.2																5	5	5	21
8/ 7																				4	17
6/ 5																					5

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JAN (MONTH)

PAGE 2 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 3																					7
0/ -1																					8
-2/ -3																					2
-4/ -5																					5
-8/ -9																					1
TOTAL	8,9	47,8	30,2	10,0	2,6	,4	,1											3213		3213	3213
																		3213		3213	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	21220991	257019	80,0	14,347	3213							
Dry Bulb	6748293	142439	44,3	11,620	3213		13,9	2,5				93
Wet Bulb	6080596	134390	41,8	11,960	3213		21,8	,9				93
Dew Point	5356560	122942	38,3	14,251	3213	,5	34,6	,5				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71			.1															2	2		
70/ 69	.0	.2	.3															17	17	1	1
68/ 67	.1	.9	.1															34	34	16	9
66/ 65	.3	2.0	.2	.1														80	80	63	32
64/ 63	.2	1.5	.5															72	72	73	84
62/ 61	.7	1.5	.4	.1														86	86	86	78
60/ 59	.9	2.2	.3	.0														109	109	95	83
58/ 57	1.1	2.2	.5	.1														125	125	111	105
56/ 55	1.0	1.7	.4	.3	.1	.0												114	114	121	131
54/ 53	.9	1.6	.6	.4	.1													117	117	92	93
52/ 51	.7	2.4	.9	.2	.0	.0												138	138	98	89
50/ 49	.7	2.5	1.0	.3	.2													149	149	136	106
48/ 47	.7	2.0	.7	.6	.1													131	131	151	114
46/ 45	.8	2.5	1.2	.5	.2													167	167	122	113
44/ 43	.6	2.5	1.6	.4	.0													160	160	141	136
42/ 41	.7	2.7	1.6	.7	.3													192	192	168	129
40/ 39	.8	3.0	2.4	.4	.0													216	216	200	129
38/ 37	.6	3.7	2.5	.7	.2													247	247	197	175
36/ 35	.6	2.8	1.9	.5	.2													191	191	227	175
34/ 33	.5	3.8	1.8	.5														210	210	210	171
32/ 31	.4	3.4	1.6	.4														186	186	223	196
30/ 29	.3	2.9	1.5	.2	.0													156	156	188	200
28/ 27	.2	2.0	1.3	.1														115	115	169	164
26/ 25	.1	1.1	.6	.0														59	59	117	139
24/ 23		.8	.4															39	40	66	117
22/ 21		.8	.2															33	33	42	95
20/ 19		.7	.1															25	25	34	80
18/ 17	.0	.3	.0															11	11	28	65
16/ 15	.0	.4																15	15	19	59
14/ 13		.2																8	8	7	49
12/ 11	.1	.2																9	9	8	32
10/ 9		.1																2	2	7	26
8/ 7		.2																5	5	2	19
6/ 5		.0																1	1	5	7

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JAN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
4/ 3																					6
2/ 1																					5
0/ -1																					5
-2/ -3																					2
-4/ -5																					1
-6/ -7																					2
-8/ -9																					1
TOTAL	13.0	54.6	24.5	6.3	1.5	.1												3222			3223
																		3221		3223	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	22543601	266131	82.6	13.283	3223							
Dry Bulb	6364112	137852	42.8	12.030	3222		19.2	1.5				93
Wet Bulb	5831692	131232	40.7	12.310	3223		26.4	.5				93
Dew Point	5223395	121319	37.6	14.277	3223	.3	36.6	.3				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73				.0														1	1		
72/ 71		.0	.1															4	4		
70/ 69	.0	.5	.4															31	31	4	2
68/ 67	.0	.9	.5	.2														45	45	30	14
66/ 65	.2	1.5	.2	.0														65	65	56	42
64/ 63	.2	1.7	.4	.1														76	76	71	70
62/ 61	.4	1.4	.3															68	68	69	82
60/ 59	.6	2.2	.5															103	103	90	67
58/ 57	1.0	2.3	.5	.1	.1													125	125	121	115
56/ 55	.9	1.8	.4	.3	.1	.0												114	114	110	111
54/ 53	.8	2.0	.8	.2	.1													128	128	98	111
52/ 51	.7	2.1	.8	.2	.1													126	126	108	84
50/ 49	.5	2.4	1.2	.4	.3													152	152	120	90
48/ 47	.4	1.9	.7	.6	.2													122	122	131	121
46/ 45	.5	3.1	1.5	.5			.0											182	182	143	114
44/ 43	.5	2.4	1.6	.4	.1													161	161	158	127
42/ 41	.8	2.6	1.4	.6	.2													181	181	159	136
40/ 39	.9	2.5	2.3	.9	.1													217	217	191	138
38/ 37	.6	2.7	2.4	.8	.1													218	218	172	164
36/ 35	.6	3.6	1.6	.5	.0													205	205	229	173
34/ 33	.4	3.4	2.4	.6														217	217	221	167
32/ 31	.5	3.0	1.8	.4														184	184	211	195
30/ 29	.3	2.7	1.5	.3	.0													159	159	192	199
28/ 27	.3	1.9	1.1	.1	.0													112	112	182	144
26/ 25	.2	1.6	.6															76	76	122	146
24/ 23	.1	1.2	.3															54	54	87	145
22/ 21		.4	.2															19	19	42	101
20/ 19		.7	.1															26	26	24	82
18/ 17		.7	.0															23	23	28	67
16/ 15		.4	.1															15	15	28	68
14/ 13	.0	.2	.1															11	11	9	39
12/ 11	.0	.1																4	4	12	40
10/ 9	.0	.1																5	5	5	28
8/ 7		.1																3	3	2	16

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 77 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JAN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 5		.1																2	2	4	12
4/ 3		.0																1	1	2	8
2/ 1																					3
0/ -1																					6
-2/ -3																					1
-4/ -5																					4
-6/ -7																					1
-8/ -9																					1
-10/-11																					1
-12/-13																					1
TOTAL	11.4	54.4	25.9	6.9	1.4	.0	.0											3235			3236
																	3234		3236		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	22358958	265454	82.1	13.353	3235							
Dry Bulb	6357275	137811	42.6	12.265	3235		20.0	2.3	.0			93
Wet Bulb	5803757	130969	40.5	12.471	3236		27.3	1.0				93
Dew Point	5178834	120696	37.3	14.468	3236	.4	37.6	.5				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79					.0													1	1		
78/ 77				.1	.2		.1	.0										12	12		
76/ 75				.2	.2	.1												15	15		
74/ 73			.1	.2	.2	.1	.0											19	19		
72/ 71		.0	.6	.7	.2	.0	.0											52	52	4	
70/ 69		.5	.7	.8	.2	.1	.0	.1										78	78	25	4
68/ 67	.0	.5	1.2	.6	.2	.1	.1	.1										95	95	55	28
66/ 65	.1	.6	1.1	.4	.3	.2	.1			.0								92	92	95	49
64/ 63	.2	1.0	.9	.4	.3	.2	.0	.1										97	97	91	80
62/ 61	.2	1.0	.6	.5	.4	.2	.1	.0										99	99	99	103
60/ 59	.3	1.5	.9	.6	.4	.3	.1	.1										136	136	113	98
58/ 57	.3	1.3	.5	.2	.3	.3	.2	.1										103	103	108	119
56/ 55	.3	1.4	.8	.9	.5	.7	.2	.1										161	161	110	95
54/ 53	.2	1.5	1.0	1.1	.8	.3	.3	.0										163	163	112	98
52/ 51	.5	1.8	1.0	1.0	.9	.8	.3											200	200	118	99
50/ 49	.1	1.5	1.6	1.5	.6	.5	.1											201	201	150	103
48/ 47	.3	1.6	1.1	1.7	1.3	.6	.1											216	216	159	135
46/ 45	.3	1.4	1.8	1.7	1.3	.6	.0											231	231	216	118
44/ 43	.3	1.7	1.9	1.7	.2	.4	.0											234	234	201	127
42/ 41	.2	1.4	1.5	1.3	1.5	.2												211	211	227	141
40/ 39	.4	1.3	1.8	1.5	1.3	.1												210	210	262	168
38/ 37	.2	.9	1.2	1.8	.8	.1												158	158	201	166
36/ 35	.2	.7	1.6	1.3	.4													136	136	211	177
34/ 33	.1	.6	.8	.9	.2													83	83	167	137
32/ 31	.1	.6	.6	.8														66	66	170	169
30/ 29		.2	.9	.4	.1													50	50	102	177
28/ 27		.2	.4	.3														29	29	63	128
26/ 25		.2	.4	.1														23	23	59	123
24/ 23		.2	.4	.1														21	21	36	115
22/ 21		.2	.3															14	14	29	101
20/ 19		.2	.2															10	10	17	81
18/ 17		.2	.2															14	14	13	72
16/ 15		.1																2	2	12	51
14/ 13		.1	.0															3	3	7	49

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

USAFETAC FORM 0-26-5 (OL A) 7/64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
12/ 11			.0															1	1	3	35
10/ 9		.0																1	1		22
8/ 7		.0																1	1	2	18
6/ 5																				1	22
4/ 3																					9
2/ 1																					5
0/ -1																					3
-2/ -3																					2
-4/ -5																					4
-6/ -7																					2
-8/ -9																					1
-10/-11																					1
TOTAL	4,424	226	023	114	2	5	7	1	7	,6		,0						3238	3230	3238	3238

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	16800514	225982	69,8	17,830	3238							
Dry Bulb	8070426	157112	48,5	11,753	3238		6,7	7,8	1,3			93
Wet Bulb	6753757	142869	44,1	11,791	3238		14,8	2,4				93
Dew Point	5495994	124358	38,4	14,913	3238	,4	34,3	,9				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 YEARS | JAN MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (°F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81							.0											1	1		
80/ 79					.0	.2	.3	.2	.0									26	26		
78/ 77				.0	.2	.6	.5	.1	.0									47	47		
76/ 75				.2	.3	.6	.4	.1			.0							53	53		
74/ 73			.2	.4	.9	1.1	.2	.2										100	100		
72/ 71		.2	.3	.5	1.0	.5	.4	.3	.1									108	108	5	
70/ 69		.2	.2	.9	.8	.7	.5	.4	.1		.0							134	134	43	7
68/ 67	.0	.3	.7	.7	.4	.5	.6	.3	.1	.1	.0							122	122	85	28
66/ 65	.1	.5	.6	.6	.5	.7	.6	.4	.2	.2								145	145	139	50
64/ 63	.0	.5	.3	.3	.3	.6	.6	.6	.1	.0								113	113	129	64
62/ 61	.0	.6	.3	.3	.5	.5	.6	.5	.3	.0								127	127	126	121
60/ 59	.1	.8	.3	.4	.3	1.1	.7	.9	.4									172	172	112	139
58/ 57	.2	.9	.3	.6	1.1	1.1	1.2	.7	.1									199	199	105	126
56/ 55	.2	.8	.3	.5	1.1	.9	1.0	.8	.1									189	189	144	95
54/ 53	.2	1.0	1.2	.8	1.4	.6	1.2	.5	.0									222	222	119	98
52/ 51	.1	1.1	.8	.7	1.3	1.2	.9	.2										203	204	160	99
50/ 49	.2	1.1	1.0	.8	1.6	1.3	1.3	.0										233	233	215	105
48/ 47	.2	.7	.6	1.2	1.4	1.7	.8	.0										211	211	221	145
46/ 45	.2	.9	1.1	1.4	1.2	1.4	.3											212	212	223	115
44/ 43	.2	.7	.6	.5	1.1	1.0	.3											137	137	220	140
42/ 41	.2	.7	.5	.6	.9	.6	.1											115	115	256	139
40/ 39	.2	.6	.3	.5	.5	.6												100	100	233	161
38/ 37	.1	.5	.3	1.1	.2	.1												83	83	173	152
36/ 35	.1	.3	.3	.5	.5	.1												57	57	153	148
34/ 33		.4	.1	.4	.2	.0												34	34	99	149
32/ 31	.0	.1	.1	.3	.1													19	19	110	129
30/ 29	.0	.1	.2	.4	.0													24	24	47	169
28/ 27		.1	.3	.2	.0													21	21	35	104
26/ 25	.0	.0	.2	.0														10	10	31	114
24/ 23		.0	.2	.1														9	9	23	123
22/ 21		.1	.0	.0														5	5	11	105
20/ 19		.0	.1															4	4	10	82
18/ 17																				5	85
16/ 15			.0															1	1	3	68

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JAN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
14/ 13																				1	60
12/ 11																					44
10/ 9																					27
8/ 7																					22
6/ 5																					6
4/ 3																					4
2/ 1																					2
0/ -1																					8
-2/ -3																					1
-4/ -5																					2
TOTAL	2.2	13.2	12.4	15.0	18.8	17.5	12.9	6.2	1.6	.4	.1							3237			3236
																	3236		3236		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	12453779	189495	58.6	20.437	3234							
Dry Bulb	10036172	176206	54.4	11.719	3237		2.7	17.0	6.5	.3		93
Wet Bulb	7640209	153073	47.3	11.111	3236		7.9	3.8				93
Dew Point	5618664	125634	38.8	15.135	3236	.3	33.2	1.0				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81							.1											2	2		
80/ 79						.0	.2	.2	.1									16	16		
78/ 77				.1	.0	.2	.3	.2	.0									25	25		
76/ 75		.0		.1	.3	.8	.4	.2										58	58		
74/ 73			.1	.4	.8	.8	.5	.2	.0									88	88	1	
72/ 71	.0	.2	.4	.7	.9	.6	.4	.2	.1	.0								113	113	5	2
70/ 69		.4	.8	.7	.9	.8	.6	.3	.2									149	149	26	4
68/ 67		.3	.6	.5	.6	.7	.4	.5	.1	.1								120	120	76	30
66/ 65	.1	.9	.5	.6	.6	.9	.6	.4	.2	.2								155	155	144	43
64/ 63		.4	.4	.5	.4	.4	.9	.6	.4	.0								129	129	127	77
62/ 61	.1	1.0	.4	.5	.6	1.1	.9	.4	.3	.1								170	170	120	96
60/ 59	.2	1.0	.3	.3	.6	.9	.8	1.1	.4	.0								181	181	129	131
58/ 57	.2	1.1	.3	.6	.9	.9	.8	.7	.2									178	178	149	127
56/ 55	.3	.6	.4	.8	1.0	1.3	1.1	1.1	.2									224	224	128	127
54/ 53	.2	.9	1.0	.5	1.0	1.0	1.4	.7	.0									216	216	117	111
52/ 51	.2	1.1	1.0	.6	1.1	1.6	1.1	.4										226	226	182	87
50/ 49	.2	1.0	.8	1.1	1.0	1.7	1.0	.1										218	218	212	100
48/ 47	.1	.9	.7	.9	1.2	1.4	.6	.0										187	187	208	139
46/ 45	.2	1.0	.8	1.0	1.0	1.4	.4	.0										189	189	230	138
44/ 43	.0	.8	.6	.6	.8	.9	.2											130	130	237	132
42/ 41	.2	1.0	.6	.7	1.0	.7	.1											140	140	248	136
40/ 39	.1	.5	.6	.4	.8	.4												92	92	237	170
38/ 37	.1	.3	.3	.7	.5	.1												63	63	167	150
36/ 35	.3	.2	.3	.3	.3	.1												51	51	149	157
34/ 33	.0	.2	.2	.2	.2	.0												27	27	110	132
32/ 31	.0	.1	.1	.3	.2													24	24	81	131
30/ 29	.1	.0	.3	.2	.0													21	21	44	163
28/ 27	.0	.1	.2	.2														20	20	29	103
26/ 25		.0	.2	.2														14	14	35	128
24/ 23		.1	.1	.1														6	6	22	111
22/ 21		.1	.1															4	4	13	104
20/ 19																				7	92
18/ 17																				3	73
16/ 15																					75

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

USAFETAC FORM 0-26-5 (OL A) 80, 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 YEARS | JAN MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
14/ 13																					60
12/ 11																					31
10/ 9																					30
8/ 7																					19
6/ 5																					9
4/ 3																					3
2/ 1																					7
0/ -1																					6
-2/ -3																					2
TOTAL	2,6	14,2	11,8	13,5	16,7	18,7	12,7	7,3	2,1	,4									3236		3236
																		3236		3236	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12519025	189133	58,5	21,215	3233							
Dry Bulb	10114128	177162	54,7	11,326	3236		2,6	16,4	5,4	,2		93
Wet Bulb	7687253	153781	47,5	10,828	3236		6,7	3,1	,0			93
Dew Point	5635396	125990	38,9	15,064	3236	,2	33,0	1,0				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73		.1		.1	.1	.1												11	11	1	
72/ 71		.1	.2	.4	.4	.1												38	38	1	1
70/ 69		.6	1.0	1.0	.5	.0	.0											99	99	3	1
68/ 67	.0	.6	1.1	.9	.3	.1												102	102	36	15
66/ 65	.1	.7	1.0	.9	.6	.2	.1											115	115	89	41
64/ 63	.2	1.0	1.0	1.0	.6	.2	.1	.1										131	131	121	77
62/ 61	.1	1.1	.7	1.1	.6	.5	.2	.0										138	138	110	89
60/ 59	.5	1.1	.6	.8	.7	.4	.4	.1										154	154	137	142
58/ 57	.3	1.3	.7	.7	.7	.7	.3	.0										154	154	123	97
56/ 55	.5	1.1	.4	1.3	.7	.6	.3	.1										164	164	140	132
54/ 53	.0	1.0	1.1	1.1	1.0	.5	.3	.1										181	181	123	117
52/ 51	.2	1.3	1.1	.9	1.0	.8	.2	.1										178	178	121	112
50/ 49	.3	1.5	1.4	1.9	1.4	1.2	.3											256	256	184	91
48/ 47	.5	1.2	1.7	1.5	2.1	1.0	.0											258	258	192	127
46/ 45	.2	1.0	1.6	1.9	1.5	.9												230	230	192	144
44/ 43	.0	.9	1.5	1.5	1.5	.4												192	192	199	132
42/ 41	.3	1.3	1.5	1.5	1.4	.2												200	200	242	137
40/ 39	.2	.7	1.3	1.4	1.4	.1												165	165	272	157
38/ 37	.1	.8	1.2	1.7	.5													139	139	220	151
36/ 35	.2	.4	1.2	1.2	.2	.0												105	105	184	164
34/ 33		.4	.7	.5	.1													53	53	139	182
32/ 31	.1	.3	.5	.3	.1													45	45	161	164
30/ 29		.2	.5	.4	.1													38	38	75	162
28/ 27	.0	.2	.3	.3														27	27	38	125
26/ 25	.0	.1	.5	.1														22	22	39	133
24/ 23		.2	.2															14	14	33	139
22/ 21		.1	.3															13	13	27	103
20/ 19		.0	.2															6	6	15	83
18/ 17		.0	.0															2	2	8	49
16/ 15			.0															1	1	4	40
14/ 13																				1	34
12/ 11																				1	24
10/ 9																					24
8/ 7																					21

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 5																					8
4/ 3																					5
2/ 1																					5
0/ -1																					1
-4/ -5																					1
-6/ -7																					1
TOTAL	4.4	19.4	23.6	24.3	17.5	8.0	2.2	.5										3231	3231	3231	3231

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	16028008	219974	68.1	18.044	3231							
Dry Bulb	8461028	161534	50.0	10.919	3231		4.8	7.2	.3			93
Wet Bulb	6986201	145927	45.2	11.065	3231		11.6	1.2	.0			93
Dew Point	5604039	126435	39.1	14.256	3231	.1	32.3	.5				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71			.1															3	3		
70/ 69		.5	.7	.1	.0													44	44	2	2
68/ 67	.1	1.4	1.0	.3	.1													89	89	33	10
66/ 65	.0	1.1	.8	.2	.1	.0												70	70	87	53
64/ 63	.0	1.7	.9	.5	.1													103	103	47	76
62/ 61	.1	2.1	1.4	.4	.1	.0												134	134	116	65
60/ 59	.9	1.7	1.0	.4	.2													137	137	129	134
58/ 57	.4	1.6	.9	.3	.3	.1	.0	.0										117	117	132	98
56/ 55	.3	1.4	1.2	.7	.5	.2	.1											145	145	106	117
54/ 53	.9	1.5	1.1	.9	.3	.2	.1											159	159	124	130
52/ 51	.4	1.4	1.4	.9	.3	.2												146	146	107	101
50/ 49	.2	1.8	1.4	.7	.8	.5	.0											175	175	146	86
48/ 47	.6	2.0	1.3	1.5	.9	.2	.0											210	210	178	118
46/ 45	.3	2.2	2.6	1.5	.6	.2												238	238	158	132
44/ 43	.3	1.9	1.9	1.3	1.1	.2												212	212	180	143
42/ 41	.2	1.5	2.2	2.1	.8	.1												226	226	230	143
40/ 39	.2	2.1	2.8	2.0	.6													253	253	213	157
38/ 37	.1	1.7	2.0	1.1	.6	.0												175	175	223	161
36/ 35	.3	1.0	2.1	.9	.2													144	144	268	169
34/ 33	.1	1.0	1.8	.9	.0													122	122	166	168
32/ 31	.2	1.1	1.9	.6														118	118	153	178
30/ 29	.1	.6	1.2	.3	.1													73	73	147	186
28/ 27		.3	.6	.1														33	33	101	131
26/ 25	.1	.2	.6															27	27	56	146
24/ 23		.1	.4	.0														18	18	28	115
22/ 21		.2	.2	.0														16	16	38	90
20/ 19		.3	.2															16	16	14	68
18/ 17		.1	.2															9	9	18	66
16/ 15		.1	.1															5	5	10	42
14/ 13		.1																2	2	5	34
12/ 11		.1																2	2	4	33
10/ 9																				2	33
8/ 7																					14
6/ 5																					6

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 3																					7
2/ 1																					4
0/ -1																					3
-2/ -3																					2
-4/ -5																					2
-6/ -7																					1
TOTAL	5	632	634	117	77	19	2	0									3221	3221	3221	3221	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	18906450	241274	74.9	16.037	3220							
Dry Bulb	7417148	150306	46.7	11.190	3221		9.2	3.9				93
Wet Bulb	6455849	139327	43.3	11.544	3221		16.6	1.0				93
Dew Point	5477154	124620	38.7	14.269	3221	.2	33.5	.3				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (MONTH)

PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71		.0	.3	.0														11	11		
70/ 69		.5	.4															27	27	3	
68/ 67	.0	1.0	.5	.1														46	46	31	16
66/ 65	.0	1.5	.3	.1														58	58	50	36
64/ 63	.1	1.4	.6	.2	.1	.1												73	73	55	62
62/ 61	.1	2.2	.9	.3	.2													114	114	75	56
60/ 59	.6	2.0	1.0	.6	.2	.1												136	136	97	98
58/ 57	.6	2.5	1.4	.2	.2	.1	.1											156	156	145	103
56/ 55	.6	2.0	.9	.7	.4	.1												138	138	123	112
54/ 53	.5	1.8	1.1	.8	.5	.2	.0											146	146	129	117
52/ 51	.6	2.2	1.3	1.1	.4	.2												172	172	118	112
50/ 49	.4	2.3	1.6	1.1	.6	.1	.0											179	179	152	114
48/ 47	.6	1.9	1.6	1.0	.3	.1												160	160	150	128
46/ 45	.7	2.0	2.0	1.7	.7	.1												215	215	182	130
44/ 43	.5	2.5	1.9	1.2	.4	.1												198	198	175	125
42/ 41	.1	2.3	2.9	1.4	.3	.0												203	203	190	131
40/ 39	.4	2.3	2.6	1.4	.4	.0												209	209	215	154
38/ 37	.3	1.9	2.3	.9	.2	.0												165	165	204	175
36/ 35	.2	1.7	2.0	.5	.1													130	130	206	168
34/ 33	.1	1.2	1.7	.6	.2													111	111	159	174
32/ 31	.0	1.1	1.3	.7	.0													94	94	127	165
30/ 29	.0	.7	1.3	.4	.0													72	72	85	140
28/ 27	.0	.6	1.0	.1														50	50	85	125
26/ 25		.3	.9	.2														38	38	78	99
24/ 23		.1	.3															14	14	44	86
22/ 21		.1	.1	.0														9	9	26	59
20/ 19		.1	.1															7	7	16	49
18/ 17		.1	.0															3	3	8	50
16/ 15		.1																2	2	5	25
14/ 13		.1																2	2	3	40
12/ 11																				2	41
10/ 9																					12
8/ 7																					10
6/ 5																					11

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

USAFETAC FORM 0-[illegible] (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 YEARS | FEB MONTH

PAGE 2 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
4/ 3																					10
2/ 1																					2
0/ -1																					2
-2/ -3																					1
TOTAL	7.0	38.5	32.4	15.3	5.3	1.3	.2											2938	2938		2938
																				2938	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	18189037	226707	77.2	15.388	2938							
Dry Bulb	6719722	136898	46.6	10.773	2938		8.3	2.4				84
Wet Bulb	5928820	127854	43.5	11.147	2938		13.7	1.0				84
Dew Point	5120687	115881	39.4	13.686	2938	.1	26.5	.5				84

USAFETAC FORM 0-26-5 (OL A) 6/64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 YEARS | FEB MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71		.0	.1															3	3		
70/ 69	.0	.3	.1															14	14	2	1
68/ 67		1.1	.2	.0														39	39	16	9
66/ 65		1.7	.0															50	50	48	32
64/ 63	.3	1.4	.5		.1	.0												70	70	65	71
62/ 61	.3	2.3	.4	.1														89	89	58	48
60/ 59	.8	3.0	.9	.2	.1													148	148	118	104
58/ 57	.8	2.2	.8	.1	.0													115	115	122	106
56/ 55	.9	1.7	.7	.3	.2													113	113	118	112
54/ 53	.8	1.8	.6	.2	.2	.0	.0											109	109	100	95
52/ 51	.5	2.0	1.0	.6	.1													141	141	92	99
50/ 49	.9	2.7	1.3	.8	.5	.0												181	181	137	103
48/ 47	.6	2.3	1.5	1.0	.2	.0												165	165	150	109
46/ 45	.6	3.1	1.8	.9	.3	.1												198	198	158	124
44/ 43	.6	2.3	1.9	1.0	.4	.0												187	187	175	153
42/ 41	.3	2.6	2.1	.8	.2													176	176	160	129
40/ 39	.5	2.7	3.0	.9	.2													215	215	191	157
38/ 37	.5	3.6	2.4	.6	.1													210	210	239	130
36/ 35	.5	2.8	2.1	.6	.2	.0												184	184	195	195
34/ 33	.2	1.8	1.6	.3	.1													120	120	201	162
32/ 31	.2	1.7	1.4	.3														105	105	134	168
30/ 29	.1	1.4	1.4	.5														99	99	115	165
28/ 27	.2	1.1	1.2	.1														78	78	101	130
26/ 25	.0	.7	.7															42	42	84	99
24/ 23		.7	.6	.0														38	38	66	97
22/ 21		.3	.4															22	22	36	62
20/ 19		.1	.0															5	5	23	42
18/ 17		.2	.1															10	10	11	38
16/ 15		.1	.1															4	4	8	44
14/ 13		.1																2	2	7	32
12/ 11		.1																2	2	4	35
10/ 9																					18
8/ 7																					17
6/ 5																					12

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13823 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 3																					6
2/ 1																					3
-2/ -3																					4
-4/ -5																					1
-12/-13																					1
TOTAL	9.8	48.6	28.9	9.3	3.0	.3	.0											2934	2934		2933
																		2934		293[illegible]	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 73 F	Total
[illegible]	19655654	[illegible]3304	80.6	14.510	2933							
	6233314	38	44.7	11.139	2934		11.[illegible]	1.[illegible]				84
[illegible]	5633002	026	42.3	11.534	2934		16.9	.3				84
Point	498443[illegible]	11387[illegible]	38.8	13.862	2933	.2	28.5	.3				84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
72/ 71			.1	.1	.0													6	6		
70/ 69		.2	.0	.0	.0	.0												26	26		
68/ 67	.1	1.0	.2	.0	.0													39	39	21	5
66/ 65	.4	1.3	.4	.1	.0	.0												65	65	58	47
64/ 63	.2	1.5	.3	.2	.1			.0										68	68	63	60
62/ 61	.1	2.1	.4	.1	.0													79	79	65	59
60/ 59	.9	2.4	.7	.2	.1													123	123	101	92
58/ 57	.6	2.5	1.0	.2	.1	.1												133	133	107	100
56/ 55	.7	2.0	.5	.3	.1	.1												113	113	119	99
54/ 53	.7	1.5	.6	.5	.2	.0												104	104	107	109
52/ 51	.9	1.9	1.0	.4	.2													128	128	103	101
50/ 49	.5	2.1	1.6	.8	.2	.2												160	160	105	98
48/ 47	.4	3.2	1.4	1.3	.4	.1												202	202	155	85
46/ 45	.5	2.8	1.8	1.4	.4	.1												209	209	163	135
44/ 43	.3	2.8	2.0	1.3	.4	.0												207	207	164	138
42/ 41	.4	2.3	1.7	1.3	.4													180	180	194	149
40/ 39	.3	2.2	2.0	.7	.1													183	183	191	140
38/ 37	.4	3.1	2.2	.5	.1	.0												188	188	208	133
36/ 35	.5	2.4	2.0	.6	.1	.0												167	167	217	165
34/ 33	.3	1.9	1.5	.5	.2													131	131	179	180
32/ 31	.4	.8	1.2	.5	.1													117	117	143	178
30/ 29	.1	1.8	1.1	.4	.0													100	100	120	177
28/ 27	.1	1.1	.8	.1														60	60	100	133
26/ 25	.1	.9	1.0															57	57	93	110
24/ 23		.6	.5															33	33	54	103
22/ 21		.3	.5															22	22	42	60
20/ 19		.4	.1															16	16	20	42
18/ 17		.1	.1															5	5	24	55
16/ 15		.1	.2															8	8	6	36
14/ 13		.1																3	3	5	39
12/ 11		.1																2	2	8	35
10/ 9																					27
8/ 7																					12
6/ 5																					15

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 3																					11
2/ 1																					1
0/ -1																					1
-4/ -5																					1
-6/ -7																					2
-8/ -9																					1
-10/-11																					1
TOTAL	9.0	46.4	28.7	11.8	3.4	.7		.0											2934		2935
																		2934		2935	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≤ 93 F	Total
Rel. Hum.	19161950	233132	79,4	14,814	2935							
Dry Bulb	6260990	131386	44,8	11,344	2934		12,1	2,0				84
Wet Bulb	5614883	123737	42,2	11,650	2935		17,6	,6				84
Dew Point	4918956	112914	38,5	13,999	2935	,2	29,8	,1				84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79							.0	.0										2	2		
78/ 77					.1	.1	.1		.0									11	11		
76/ 75				.3	.4	.2	.1	.1										31	31		
74/ 73			.1	.7	.4	.3	.0	.1		.0								47	47		
72/ 71		.0	.4	.7	.4	.3	.1	.0										58	58		
70/ 69	.0	.2	.7	.8	.2	.4	.2	.1	.1									82	82	24	2
68/ 67		.5	.8	.5	.6	.3	.2	.1	.0									89	89	63	11
66/ 65	.1	.6	1.0	.7	.7	.4	.1	.3	.1	.0								116	116	93	53
64/ 63	.1	.9	.7	.6	.6	.3	.4	.3	.1									119	119	76	84
62/ 61	.2	.9	1.1	.7	.5	.4	.6	.2	.1									139	139	102	92
60/ 59	.3	1.0	.7	.7	.6	.6	.5	.5										147	147	113	94
58/ 57	.1	1.2	.9	1.0	.7	.7	.7	.3	.0									167	167	130	79
56/ 55	.1	1.4	1.1	1.0	.9	1.1	.5	.2	.0									189	189	130	111
54/ 53	.1	1.0	1.1	1.1	.9	1.0	.7	.1	.1									178	178	118	114
52/ 51	.4	1.1	1.3	1.1	1.4	1.0	.5											199	199	161	133
50/ 49	.4	1.0	1.1	1.0	1.9	1.1	.4	.0										203	203	167	102
48/ 47	.2	1.3	1.4	1.2	1.7	1.2	.0											209	209	201	108
46/ 45	.2	1.1	1.6	1.7	1.7	.6	.1											202	202	211	125
44/ 43	.1	.8	.9	1.4	1.1	.4	.0											137	137	209	123
42/ 41	.1	1.0	1.6	1.4	1.1	.4	.0											167	167	190	137
40/ 39	.1	.9	1.1	1.1	.8	.2	.0											123	123	238	133
38/ 37	.2	.3	.4	1.3	.5	.1												82	82	193	143
36/ 35	.1	.2	.6	.9	.7													70	70	118	171
34/ 33		.3	.7	.5	.3	.0												54	54	92	154
32/ 31		.0	.4	.4	.1	.0												30	30	95	159
30/ 29		.3	.4	.5	.0													36	36	67	136
28/ 27	.0	.1	.2	.2														17	17	57	100
26/ 25	.0		.3	.1														13	13	30	123
24/ 23		.0	.2															7	7	27	105
22/ 21			.1															3	3	15	86
20/ 19		.0	.1															5	5	6	52
18/ 17			.1															3	3	3	34
16/ 15																				5	41
14/ 13																				1	33

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
12/ 11																					24
10/ 9																					26
8/ 7																					10
6/ 5																					16
4/ 3																					9
2/ 1																					7
0/ -1																					3
-2/ -3																					1
-4/ -5																					1
-6/ -7																					1
-16/-17																					1
TOTAL	3,0	15,9	21,2	22,1	18,5	11,2	5,5	2,2	,6	,1									2935		2937
																		2935		2937	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13357427	190105	64,7	18,933	2937							
Dry Bulb	8284830	152472	51,9	11,138	2935		3,3	9,2	2,6	,0		84
Wet Bulb	6646746	135974	46,3	10,943	2937		8,8	2,5				84
Dew Point	5187360	115916	39,5	14,443	2937	,2	27,7	,4				84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (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
84/ 83								.0	.0									2	2		
82/ 81							.1	.1	.1		.1							11	11		
80/ 79				.0		.4	.3	.4	.2	.1								42	42		
78/ 77				.0	.2	.6	.8	.6	.2		.1	.0						75	75		
76/ 75			.0	.3	.5	.9	1.0	.2	.2	.2	.1							96	96		
74/ 73			.1	.4	.5	.5	.7	.5	.3	.2	.1							102	102	1	
72/ 71			.2	.5	.4	.7	.5	.8	.3	.3	.1							113	113	3	1
70/ 69		.2	.3	.7	.6	.9	.9	.5	.5	.3	.1							148	148	40	2
68/ 67	.0	.2	.8	.3	.9	.7	.7	.8	.5	.5	.1							161	161	78	18
66/ 65	.0	.5	.4	.4	.4	.9	.7	.7	.9	.3	.0							154	154	125	35
64/ 63	.1	.5	.4	.5	.5	.8	.6	1.1	.9	.2	.1							166	166	131	69
62/ 61	.2	.3	.7	.3	.6	.4	.7	1.0	.6	.3	.0							155	155	116	106
60/ 59	.1	.5	.8	.6	.5	.9	1.3	1.3	.7	.1								203	203	156	107
58/ 57	.1	.7	1.1	.7	.9	.9	1.5	1.2	.4	.0								222	222	141	100
56/ 55	.1	.8	.3	.4	.5	.9	1.5	1.1	.1									167	167	166	127
54/ 53	.2	.9	.6	.6	.4	1.0	1.0	.7	.0									163	163	175	115
52/ 51	.1	.8	.4	.8	.9	1.0	.9	.2										151	151	159	143
50/ 49	.1	.8	.6	.6	1.0	1.4	.7	.2										160	160	214	105
48/ 47	.2	.8	.7	.5	1.0	1.0	.7	.2										147	147	204	132
46/ 45	.2	.5	1.0	.7	.7	1.1	.5	.0										142	142	224	138
44/ 43	.1	.4	.5	.6	.8	.8	.4											107	107	205	97
42/ 41	.1	.5	.6	.2	.8	.4	.1											81	81	202	134
40/ 39	.1	.4	.4	.1	.6	.4												58	58	171	121
38/ 37	.1	.2	.1	.4	.5	.2												43	43	116	128
36/ 35		.1	.1	.3	.3													22	22	101	133
34/ 33		.1	.2	.2	.1	.0												19	19	68	142
32/ 31		.1	.2	.1	.1													15	15	60	138
30/ 29		.0		.0	.0													3	3	42	141
28/ 27		.1	.1	.1														6	6	17	96
26/ 25			.1															2	2	10	115
24/ 23			.0	.0														2	2	7	112
22/ 21																				4	84
20/ 19																				1	61
18/ 17																				1	61

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.
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 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
16/ 15																					57
14/ 13																					33
12/ 11																					24
10/ 9																					18
8/ 7																					16
6/ 5																					9
4/ 3																					8
2/ 1																					3
0/ -1																					5
-2/ -3																					2
-6/ -7																					1
-10/-11																					1
TOTAL	1.7	9.5	10.6	10.8	13.9	16.7	15.8	11.6	6.2	2.5	.8	.0					2938	2938		2938	
																			2938		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9876555	158771	54.0	21.010	2938							
Dry Bulb	10259420	170480	58.0	11.181	2938		.8	21.4	9.4	1.1		84
Wet Bulb	7467063	145039	49.4	10.224	2938		4.1	3.5	.0			84
Dew Point	5262599	116619	39.7	14.688	2938	.3	28.2	.6				84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85							.0											1	1		
84/ 83								.1										2	2		
82/ 81							.0	.1	.0		.2							11	11		
80/ 79						.1	.2	.4	.2	.0								29	29		
78/ 77				.0	.2	.5	.4	.4	.2	.1	.1							58	58		
76/ 75				.2	.4	.8	.8	.5	.2	.1	.0	.0						92	92		
74/ 73			.3	.4	.4	.7	1.2	.6	.3	.3	.1							123	123	1	
72/ 71		.0	.2	.5	.8	.7	1.0	.6	.4	.3	.2							135	135	3	
70/ 69		.1	.5	.6	.4	.9	.8	.6	.6	.5	.1							153	153	35	3
68/ 67		.3	.6	.4	.6	.8	.5	.6	.3	.5	.1							141	141	67	19
66/ 65	.0	.3	.4	.3	.7	.4	.8	1.1	1.2	.3								162	162	114	31
64/ 63	.1	.8	.3	1.0	.4	.6	.8	1.0	.9	.3	.0							185	185	129	72
62/ 61	.1	.5	.6	.3	.6	.8	.9	1.3	.8	.3								175	175	138	88
60/ 59	.3	.6	.5	.6	.5	.5	1.1	1.7	.9	.0								204	204	161	108
58/ 57	.1	.6	.4	.8	.6	.6	1.3	1.5	.6									194	194	162	90
56/ 55	.2	.9	.4	.8	.5	.8	2.0	1.3	.1									205	205	138	121
54/ 53	.1	1.0	.3	.3	.3	.9	1.4	.6	.1									148	148	170	149
52/ 51	.1	.8	.8	.5	.6	1.0	1.3	.3										161	161	190	155
50/ 49	.1	1.1	1.0	.3	.8	1.3	1.1	.2										173	173	215	95
48/ 47	.1	.5	.7	.4	.8	1.0	1.0	.4										145	145	207	127
46/ 45	.1	.4	.9	.6	.6	1.0	.6											122	122	220	120
44/ 43	.2	.7	.4	.3	.5	.8	.4											100	100	225	126
42/ 41	.1	.3	.5	.2	.5	.7	.1											68	68	188	125
40/ 39	.1	.5	.2	.3	.6	.2												56	56	173	109
38/ 37		.0	.1	.3	.4	.2												32	32	112	118
36/ 35		.1	.2	.2	.1	.1												20	20	98	127
34/ 33		.1	.2	.2	.1	.1												18	18	65	124
32/ 31			.0	.1	.0													6	6	63	148
30/ 29			.0	.0	.0													3	3	22	161
28/ 27			.1															2	2	14	84
26/ 25			.1															3	3	10	120
24/ 23		.0																1	1	4	124
22/ 21																				4	80
20/ 19																					54

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
18/ 17																					82
16/ 15																					44
14/ 13																					22
12/ 11																					40
10/ 9																					19
8/ 7																					14
6/ 5																					17
4/ 3																					3
2/ 1																					1
0/ -1																					5
-2/ -3																					1
-4/ -5																					1
-6/ -7																					1
-8/ -9																					1
TOTAL	1.8	10.1	9.8	9.7	11.5	15.5	17.7	13.5	6.8	2.7	.8	.0						2928	2928		2928
																				2928	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9694454	155956	53.3	21.774	2928							
Dry Bulb	10341454	171138	58.4	10.756	2928		.4	21.4	9.1	.7		84
Wet Bulb	7473907	145057	49.5	9.912	2928		3.4	3.0	.0			84
Dew Point	5207936	115752	39.5	14.694	2928	.3	29.3	.6				84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79							.0											1	1		
78/ 77						.1			.0									3	3		
76/ 75					.2	.1	.0		.0	.1								14	14		
74/ 73			.0	.2	.3	.3	.1	.0										31	31		
72/ 71		.0	.5	.7	.5	.3	.1	.2										68	68		
70/ 69		.4	.8	.6	.6	.6	.3	.1	.0									99	99	9	
68/ 67	.0	.1	.9	.9	.9	.9	.4	.1	.1	.1								127	127	49	22
66/ 65	.1	.7	.7	.5	1.1	.8	.3	.2	.1									129	129	75	32
64/ 63	.1	.8	.4	.9	1.3	.5	.4	.4	.1									142	142	92	64
62/ 61	.2	1.2	.6	1.3	.6	.5	.5	.3	.2									162	162	109	70
60/ 59	.4	.7	.6	.7	.8	1.1	.9	.4	.1									168	168	129	106
58/ 57	.5	1.2	.7	1.1	1.0	.9	1.0	.2										190	190	177	102
56/ 55	.3	1.1	1.0	1.3	1.0	1.7	.9	.1										216	216	162	111
54/ 53	.1	1.2	.9	.9	1.2	1.7	1.0	.1										206	206	123	135
52/ 51	.2	1.1	.6	.8	1.6	1.5	.3	.1										189	189	152	131
50/ 49	.3	1.2	.9	1.0	1.5	1.8	.3											203	203	200	118
48/ 47	.1	1.2	1.1	1.2	1.4	1.6	.3											202	202	187	147
46/ 45		1.1	.7	1.2	1.1	.7	.1											141	141	214	118
44/ 43	.2	1.1	1.6	.9	1.3	.8	.1											173	173	235	115
42/ 41	.1	.8	1.2	1.2	1.2	.4												143	143	207	140
40/ 39	.3	.3	.9	.9	.9	.5												115	115	213	137
38/ 37	.1	.2	.3	.8	.9	.2												69	69	160	147
36/ 35	.0	.0	.5	.6	.3	.1												45	45	119	172
34/ 33		.2	.4	.5	.1													36	36	92	164
32/ 31		.1	.2	.3	.1													21	21	84	137
30/ 29		.1	.1	.3	.0													17	17	64	131
28/ 27			.1	.2														9	9	34	94
26/ 25		.0	.0	.1														6	6	17	119
24/ 23			.0	.0														2	2	16	91
22/ 21		.0	.1															4	4	5	90
20/ 19			.0															1	1	6	47
18/ 17																				3	49
16/ 15																					37
14/ 13																					21

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
12/ 11																					28
10/ 9																					20
8/ 7																					14
6/ 5																					10
4/ 3																					5
2/ 1																					5
0/ -1																					1
-2/ -3																					2
TOTAL	3.1	14.7	15.9	19.1	20.2	16.9	7.1	2.3	.6	.1								2932			2932
																	2932		2933		

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12701425	184365	62.9	19.447	2932							
Dry Bulb	8641135	156275	53.3	10.313	2932		1.7	9.8	1.4			84
Wet Bulb	6826428	138282	47.1	10.230	2933		6.6	1.7				84
Dew Point	5236491	116995	39.9	13.922	2932	.1	25.8	.6				84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
74/ 73			.0	.1														5	5		
72/ 71			.4	.1														15	15		
70/ 69		.3	1.2	.3	.1	.1	.0											60	60	2	
68/ 67		.6	1.1	.3	.2	.0	.0											65	65	40	13
66/ 65	.1	.8	1.2	.7	.4	.1		.0	.0									96	96	63	46
64/ 63	.1	.8	1.0	.7	.3	.2	.0		.0	.0								93	93	65	55
62/ 61	.6	1.2	1.4	1.0	.5	.2	.0											143	143	89	79
60/ 59	.5	1.3	1.6	.8	.5	.4	.2	.0	.0									160	160	116	80
58/ 57	.6	1.7	1.2	.8	.6	.2	.1		.0									154	154	138	113
56/ 55	.5	1.3	1.3	1.2	.9	.6	.3	.1										180	180	159	119
54/ 53	.3	1.5	1.7	1.2	.9	.6	.1											182	182	106	131
52/ 51	.5	1.7	1.1	1.4	1.2	.5	.2											193	193	145	108
50/ 49	.2	1.3	1.5	1.7	1.0	.4	.0											180	180	180	107
48/ 47	.3	1.4	1.3	2.3	1.5	.3												207	207	164	148
46/ 45	.3	1.4	1.7	2.0	1.2	.3												201	201	189	118
44/ 43	.3	1.5	1.9	2.1	.7													191	191	202	129
42/ 41	.1	1.4	1.8	1.6	1.1	.1												179	179	223	137
40/ 39	.5	1.3	2.4	1.4	.7	.1												186	186	220	158
38/ 37	.2	1.1	1.6	1.5	.4													138	138	212	171
36/ 35		.4	1.0	.9	.5													81	81	149	165
34/ 33	.1	.5	.9	1.0	.2													79	79	131	164
32/ 31		.2	1.0	.6	.1													54	54	105	180
30/ 29		.2	.7	.5														43	43	69	139
28/ 27		.1	.3	.2														25	25	69	89
26/ 25			.3	.1														12	12	47	101
24/ 23			.1	.1														6	6	24	85
22/ 21			.1	.0														5	5	15	71
20/ 19			.1	.0														3	3	5	48
18/ 17		.0	.1															3	3	7	38
16/ 15																				4	30
14/ 13																				1	30
12/ 11																					27
10/ 9																					21
8/ 7																					12

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
6/ 5																					13
4/ 3																					7
2/ 1																					4
-2/ -3																					1
-6/ -7																					2
TOTAL	5,0	21,9	30,0	24,5	12,9	4,2	1,2	,1	,1	,0									2939		2939
																		2939		2939	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15807173	209585	71,3	17,122	2939							
Dry Bulb	7477698	145062	49,4	10,400	2939		4,3	4,1	,1			84
Wet Bulb	6320171	132625	45,1	10,684	2939		9,9	1,2				84
Dew Point	5218503	117113	39,8	13,704	2939	,1	25,7	,4				84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 YEARS | MAR MONTH

PAGE 1 | 0000 0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	TOTAL	TOTAL Wet Bulb	Dew Point
76/ 75				.0															
74/ 73			.2	.1															
72/ 71		.1	.4														1	1	
70/ 69		1.2	1.3	.1													2	1	1
68/ 67	.1	2.0	1.4	.3	.0	.1	.0										1	1	73	37
66/ 65	.2	2.0	1.2	.4	.1	.1	.0										122	122	115	91
64/ 63	.3	2.5	1.3	.5	.5	.2	.1		.0								167	167	123	127
62/ 61	.3	3.1	.8	.4	.0	.2		.1									171	171	135	108
60/ 59	.4	2.4	1.4	1.0	.4	.3	.0	.0									184	185	152	144
58/ 57	1.0	2.8	1.3	.9	.7	.2	.1	.0									216	219	159	156
56/ 55	.6	2.0	1.7	.3	1.1	.2		.1									220	220	180	135
54/ 53	.6	1.1	1.5	..	.7	.0											169	169	182	144
52/ 51	.5	2.4	2.0	1.3	.8	.2	.0										223	223	1[illegible]	116
50/ 49	.2	1.7	2.0	2.1	.6	.3	.1										220	220	211	160
48/ 47	.3	1.4	2.5	1.9	1.2	.4											236	236	194	152
46/ 45	.3	1.5	2.2	1.8	.6	.1											205	205	[illegible]3	166
44/ 43	.4	1.4	2.3	[illegible]5	.5												190	[illegible]0	220	161
42/ 41	.2	1.3	1.8	1.0	.2	.0											142	142	210	183
40/ 39	.1	1.0	2.1	.9	.3	.0											135	135	20[illegible]	190
38/ 37	.0	.9	1.9	.8	.2												118	11[illegible]	162	162
36/ 35	.1	.7	1.2	.5													79	79	1[illegible]5	156
34/ 33		.6	.4	.3													41	42	[illegible]0	146
32/ 31		.2	.3	.1													18	20	86	149
30/ 29	.0	.1	.4														15	15	28	143
28/ 27	.0	.2	.2														13	13	21	73
26/ 25		.1	.1														5	5	18	70
24/ 23			.0														1	1	6	44
22/ 21																			4	39
20/ 19																				25
18/ 17																				21
16/ 15																				12
14/ 13																				2
12/ 11																				5
10/ 9																				1

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

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	5.3	32.4	31.7	19.0	8.7	2.2	.4	.2	.0									3118	3125	3118	3119

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 95 F	Total
Rel. Hum.	19137102	239928	76.9	14.714	3118							
Dry Bulb	8723262	162272	51.9	9.750	3125		1.6	6.8	.2			93
Wet Bulb	7625722	150890	48.4	10.190	3118		4.9	2.6				93
Dew Point	6667871	138999	44.6	12.521	3119		17.4	1.1				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73			.2															5	5		
72/ 71		.1	.2	.0														9	9		
70/ 69	.0	.9	.9															57	57	13	4
68/ 67	.2	2.2	.8		.0													99	99	55	35
66/ 65	.2	2.4	.7	.0	.0	.0												104	104	112	82
64/ 63	.7	2.6	.8	.3	.1													137	137	124	141
62/ 61	.3	2.8	.6	.4				.0										129	129	111	84
60/ 59	1.2	3.4	1.0	.6	.4													207	207	158	167
58/ 57	1.1	2.7	1.2	.4	.3	.1	.0											180	182	165	141
56/ 55	.7	2.1	.7	.7	.3	.0												141	144	147	125
54/ 53	.9	1.8	1.4	.8	.1	.2	.0											162	163	145	128
52/ 51	.6	2.5	1.6	.9	.2	.1		.0										184	184	142	127
50/ 49	.3	2.8	2.3	1.3	.3	.0												218	218	167	120
48/ 47	.6	2.0	2.5	1.1	.5	.2												213	213	190	171
46/ 45	.7	2.8	2.6	1.4	.6	.0												254	254	209	142
44/ 43	.5	2.3	2.1	.9	.4	.1												199	199	229	177
42/ 41	.2	2.2	1.9	.9	.2													167	167	191	185
40/ 39	.4	2.1	1.9	.8	.2													170	170	208	180
38/ 37	.0	1.9	2.2	.4	.0													142	142	165	180
36/ 35	.3	1.7	1.6	.5	.1													128	128	179	143
34/ 33	.2	1.4	1.5	.2														104	104	133	160
32/ 31	.1	.7	.5	.2														47	47	127	143
30/ 29		.2	.3	.0														16	20	63	119
28/ 27		.4	.3															20	20	28	110
26/ 25	.1	.2	.2															13	13	24	70
24/ 23		.1	.2															7	7	17	61
22/ 21																				7	34
20/ 19																				3	33
18/ 17																					19
16/ 15																					12
14/ 13																					7
12/ 11																					4
10/ 9																					7
8/ 7																					1

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

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	9,1	44,0	30,2	12,1	3,8	,7	,1	,1										3112	3122	3112	3112

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	21196139	253367	81,4	13,512	3112							
Dry Bulb	8062573	155359	49,8	10,306	3122		3,2	5,1	,1			93
Wet Bulb	7256678	146312	47,1	10,741	3112		8,0	2,0				93
Dew Point	6531420	137080	44,0	12,591	3112		18,5	1,2				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 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
78/ 77					.0													1	1		
76/ 75			.0	.1														3	3		
74/ 73			.2	.2	.1	.1												17	17		
72/ 71		.1	.7	.4	.0													39	39	2	
70/ 69	.1	.9	1.0	.5	.0													78	78	30	7
68/ 67	.2	1.6	.9	.2	.0	.1												93	93	76	58
66/ 65	.2	1.9	.7	.4	.1	.1	.1											104	104	102	74
64/ 63	.4	2.3	1.1	.4	.2	.1												139	139	113	115
62/ 61	.5	2.8	.7	.4	.1	.2	.1	.0										152	153	131	120
60/ 59	.7	2.5	1.6	.5	.3	.2	.0											182	182	142	136
58/ 57	1.2	2.7	.7	.8	.4	.1	.1											186	188	171	160
56/ 55	.7	2.1	1.5	.9	.4	.2	.0											182	182	167	134
54/ 53	.6	2.0	1.5	1.0	.6	.2	.1	.0										188	190	133	146
52/ 51	.3	2.1	1.5	1.4	.5	.2												184	185	174	118
50/ 49	.4	2.0	2.2	1.8	.6	.3	.0	.0										225	225	162	111
48/ 47	.3	1.5	1.9	1.4	.7	.3	.0	.0										193	193	181	151
46/ 45	.4	2.3	2.1	1.1	.7	.1	.0											209	209	203	149
44/ 43	.4	2.4	2.1	1.6	.6	.1												224	224	217	159
42/ 41	.2	1.5	1.5	1.3	.4	.0												152	152	199	173
40/ 39	.1	1.3	2.2	1.0	.4													155	155	185	185
38/ 37	.1	1.6	1.4	.9	.2													129	129	177	152
36/ 35	.3	1.4	1.3	.5	.0													109	110	181	163
34/ 33	.2	1.2	.6	.2	.0													70	72	129	144
32/ 31		.5	.5	.2														41	41	112	139
30/ 29	.1	.1	.2	.2	.0													16	17	51	141
28/ 27		.3	.2	.0														14	14	20	97
26/ 25	.0	.2	.1															10	10	23	88
24/ 23		.2	.2															12	12	14	54
22/ 21																				10	40
20/ 19																				3	35
18/ 17																					24
16/ 15																					10
14/ 13																					7
12/ 11																					12

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
10/ 9																					3
8/ 7																					2
6/ 5																					3
0/ -1																					1
TOTAL	7.2	37.5	28.8	17.3	6.5	2.0	.5	.1									3107	3117	3108		3108

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	19770502	243472	78.3	14.984	3108							
Dry Bulb	8393291	158443	50.8	10.436	3117		2.8	6.9	.6			93
Wet Bulb	7404755	147943	47.6	10.802	3108		7.0	3.2				93
Dew Point	6527133	136631	44.0	12.945	3108	.0	19.6	1.9				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 YEARS | MAR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
86/ 85								.0											1	1		
84/ 83							.1	.0											3	3		
82/ 81						.1	.2	.2	.0	.1									15	15		
80/ 79				.0	.2	.5	.5	.1	.1	.0									43	43		
78/ 77				.1	.7	.6	.2	.1	.1		.0								58	58		
76/ 75			.1	.7	.7	.4	.2	.2	.1	.1	.1	.0							81	81		
74/ 73		.0	.4	1.0	.5	.5	.5	.5	.2	.1	.0								133	133	1	
72/ 71		.1	.5	1.1	.6	.5	.5	.4	.2	.1	.1	.0							126	126	24	2
70/ 69		.6	.7	1.0	.6	.8	.7	.4	.5	.2	.1								172	172	105	12
68/ 67	.1	.3	1.1	.8	.8	.5	.8	.6	.4	.1									171	171	134	69
66/ 65	.1	.6	.9	.9	.8	.8	.8	.5	.5	.1									187	187	114	95
64/ 63	.0	.6	1.1	.8	.3	.7	.6	.7	.3	.0									169	169	140	117
62/ 61	.3	1.4	.9	.9	.7	1.1	1.0	.6	.2										221	222	154	140
60/ 59	.3	1.8	.8	.7	.9	1.1	1.3	.4	.2										232	234	195	150
58/ 57	.5	1.4	.9	.9	1.0	1.1	.6	.6	.0										220	220	215	156
56/ 55	.1	1.2	.8	.7	1.2	1.5	1.4	.3	.1										225	227	198	155
54/ 53	.2	.8	.4	.7	1.2	1.4	.9	.2											179	180	187	136
52/ 51	.2	.5	.6	.7	1.4	1.4	.7	.1											174	174	217	134
50/ 49	.2	.5	.5	1.1	1.1	1.5	.6												175	175	198	143
48/ 47	.1	.6	.6	1.0	1.1	.7	.3												136	136	187	124
46/ 45		.4	.7	.7	1.0	.7	.1												114	114	207	111
44/ 43	.0	.6	.5	.5	1.0	.3	.1												95	96	199	130
42/ 41	.1	.4	.2	.4	.6	.3	.0												62	62	183	146
40/ 39	.0	.2	.3	.6	.3	.1													48	50	152	155
38/ 37		.1	.3	.3	.2	.0													29	32	98	164
36/ 35		.1	.2	.2	.1														17	17	79	148
34/ 33		.1	.1	.2	.1														13	13	63	128
32/ 31			.0	.0	.0														3	3	27	122
30/ 29			.1	.0															5	5	14	129
28/ 27			.0																1	1	11	120
26/ 25			.1																3	3	6	83
24/ 23																					2	69
22/ 21																					3	53
20/ 19																						38

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 YEARS | MAR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	. - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
18/ 17																					20
16/ 15																					23
14/ 13																					14
12/ 11																					16
10/ 9																					8
8/ 7																					2
2/ 1																					1
TOTAL	2.3	12.3	12.9	15.9	17.8	16.7	12.0	5.9	2.9	.8	.3	.1							3123		3113
																		3111		3113	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12774707	189889	61.0	19.569	3113							
Dry Bulb	11174188	183960	58.9	10.406	3123		.4	23.9	9.9	1.2		93
Wet Bulb	8627960	160864	51.7	10.066	3113		1.9	7.9	.0			93
Dew Point	6695350	137900	44.3	13.730	3113		20.9	2.5				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87										.2	.0							6	6		
86/ 85							.0	.1	.2	.4	.1	.0						24	24		
84/ 83							.3	.6	.7	.1	.1	.1	.1					60	60		
82/ 81					.0	.3	.8	.8	.6	.0	.2	.2	.1					91	91		
80/ 79		.0		.0	.1	.7	.7	.7	.4	.2	.5	.2	.1					116	116		
78/ 77	.0		.0	.1	.7	1.0	.9	1.2	.8	.5	.4	.3	.0					184	184	2	1
76/ 75			.1	.3	.7	.7	.9	.6	1.0	1.0	.4	.1	.1					188	188		1
74/ 73			.1	.4	.6	.7	.4	.7	.7	.7	.5	.1	.0					155	156	7	
72/ 71		.1	.2	.7	.9	.7	.9	.5	1.0	.7	.5	.1						202	202	46	3
70/ 69	.1	.2	.4	.5	.8	.7	.6	.7	.9	1.1	.4	.0						202	202	143	16
68/ 67		.1	.3	.5	.9	.5	.6	.8	1.0	.9	.2							187	190	155	35
66/ 65		.4	.7	.8	.6	.5	.6	1.1	1.1	.6	.1							206	206	157	82
64/ 63	.1	.8	.7	.4	.4	.8	.7	.9	1.0	.3	.0							192	193	165	129
62/ 61	.3	.8	.7	.4	.6	.8	1.3	1.3	1.1	.2								230	230	200	145
60/ 59	.3	.6	.4	.4	.2	.9	1.1	1.3	.8	.0								183	183	258	176
58/ 57	.2	.7	.6	.3	.5	.8	1.2	1.2	.7									192	192	202	172
56/ 55	.2	.5	.4	.3	.3	.5	1.2	1.0	.1									138	138	205	168
54/ 53	.1	.5	.4	.3	.6	.7	1.2	.6	.0									141	141	215	114
52/ 51	.1	.5	.3	.1	.5	.7	.8	.2										102	102	209	133
50/ 49	.1	.2	.4	.5	.4	.9	.4	.2										93	93	216	120
48/ 47		.2	.4	.3	.5	.4	.4											73	73	199	117
46/ 45	.1	.2	.4	.1	.4	.4	.3	.0										62	63	199	132
44/ 43	.1	.2	.2	.2	.1	.2	.2											35	36	159	139
42/ 41	.2	.0	.1	.1	.1	.2												20	22	147	133
40/ 39		.2	.1	.1	.0	.0												16	16	86	137
38/ 37			.1	.1	.1	.0												9	9	60	137
36/ 35		.1	.0	.0	.0													5	5	44	148
34/ 33				.0	.1													3	3	22	121
32/ 31																				11	140
30/ 29				.0														1	1	3	148
28/ 27																				3	84
26/ 25																				2	106
24/ 23																				1	79
22/ 21																					56

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
20/ 19																					39
18/ 17																					34
16/ 15																					25
14/ 13																					20
12/ 11																					15
10/ 9																					4
8/ 7																					5
6/ 5																					1
2/ 1																					1
TOTAL	1.7	6.4	6.9	7.0	10.3	13.4	15.5	14.8	12.1	6.9	3.6	1.1	.4						3125		3116
																		3116		3116	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9258176	157130	50.4	20.683	3115							
Dry Bulb	13466070	202460	64.8	10.573	3125		.0	42.2	24.6	7.2		93
Wet Bulb	9423181	168825	54.2	9.417	3116		.6	10.5	.3			93
Dew Point	6631659	137007	44.0	13.966	3116		22.6	1.7	.1			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
88/ 87										.1	.1							7	7		
86/ 85								.1	.2	.3	.1							22	22		
84/ 83							.3	.4	.4	.4	.2	.1	.1					54	54		
82/ 81						.1	.4	.7	.4	.2	.2	.3	.2					72	72		
80/ 79					.2	.8	.9	1.0	.6	.5	.2	.4	.2					146	146		
78/ 77				.0	.5	.7	.8	1.3	.7	.5	.6	.1						167	167		
76/ 75		.0		.2	.8	.7	.8	.6	.8	.9	.7	.3	.0					181	181		
74/ 73		.0	.3	.6	.8	.5	.8	.8	1.1	1.0	.7	.2	.0					204	204	2	1
72/ 71		.3	.2	.5	.4	.8	1.0	.9	.9	1.1	.9	.2						219	219	38	1
70/ 69	.0	.2	.4	.5	.7	.8	.7	.6	1.1	1.1	.7	.0						215	215	121	13
68/ 67	.1	.3	.7	.5	.7	.4	.7	.8	.9	1.0	.3							199	199	166	43
66/ 65	.1	.5	.6	.7	.6	.7	.7	.8	1.3	.6	.0							211	211	162	85
64/ 63	.2	.7	.7	.2	.4	.8	.4	1.6	1.9	.5	.1							233	233	177	126
62/ 61	.1	.8	.7	.2	.5	.4	1.4	1.5	1.3	.3								227	228	216	117
60/ 59	.2	.8	.3	.5	.4	.6	.5	.8	1.3									170	170	239	162
58/ 57	.2	.8	.4	.3	.2	.3	1.0	1.0	.6									157	157	218	176
56/ 55		.9	.3	.4	.3	.7	1.0		.2									150	150	205	159
54/ 53		.5	.3	.2	.2	.6	.8		0									103	103	251	155
52/ 51	.1	.4	.3	.3	.3	.7	1.0	.2										103	103	189	103
50/ 49	.1	.3	.6	.2	.2	.6	.7	.1										87	87	264	125
48/ 47		.3	.2	.4	.3	.4	.5											66	66	193	127
46/ 45	.1	.3	.4	.3	.2	.2	.2											49	49	190	145
44/ 43	.1	.2	.2	.2	.1	.3												31	34	155	124
42/ 41	.0		.1	.1	.0													9	9	127	129
40/ 39	.1	.0	.1	.2	.1													18	18	89	155
38/ 37			.1	.1	.1													10	10	46	127
36/ 35	.0	.0	.0	.0														4	4	35	153
34/ 33					.0	.0												2	2	21	137
32/ 31					.0													1	1	6	117
30/ 29																				4	152
28/ 27																					88
26/ 25																				1	108
24/ 23																				2	87
22/ 21																					65

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAR (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
20/ 19																				45
18/ 17																				39
16/ 15																				20
14/ 13																				15
12/ 11																				12
10/ 9																				3
6/ 5																				1
4/ 3																				2
TOTAL	1.4	7.4	6.8	6.7	8.3	11.3	14.6	14.5	13.8	8.4	4.7	1.7	.4				3117	3121	3117	3117

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9056835	154199	49.5	21.412	3117							
Dry Bulb	13651589	203935	65.3	10.220	3121		.0	44.3	25.4	7.0		93
Wet Bulb	9460581	169389	54.3	9.053	3117		.4	9.8	.1			93
Dew Point	6564053	136401	43.8	13.820	3117		22.5	1.7	.0			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81							.1											2	2		
80/ 79					.0	.2	.1	.1	.1	.0								15	15		
78/ 77					.2	.4	.3	.2	.1	.1								39	39		
76/ 75				.3	.7	.4	.4	.2	.1	.2	.1							76	76		
74/ 73		.0	.2	.8	.8	.9	.4	.2	.2	.1								115	115		
72/ 71		.1	.7	1.2	1.1	.8	.6	.4	.4	.1	.1							168	168	3	1
70/ 69	.1	.4	.8	.9	1.0	.8	.8	.9	.6	.1								196	196	53	6
68/ 67	.1	.4	.6	.9	.8	.8	1.0	1.0	.5	.2	.0							197	197	123	43
66/ 65	.1	1.2	.9	.9	1.1	.9	.9	1.0	.2	.0	.1							228	228	126	83
64/ 63	.2	1.0	1.1	1.0	.9	1.3	1.1	1.1	.4									250	250	165	114
62/ 61	.1	1.8	.9	.8	.9	1.2	1.4	.7	.3									252	252	192	123
60/ 59	.4	1.3	.9	.7	.8	1.6	1.4	.9	.2	.0								259	262	217	168
58/ 57	.3	1.4	.4	.7	1.0	1.7	1.5	.4	.1									231	231	223	183
56/ 55	.2	1.0	.6	.7	.8	1.7	1.4	.4										210	210	242	163
54/ 53	.2	.8	.4	.6	1.1	1.2	.9	.1										167	167	200	153
52/ 51	.1	.6	.4	.7	1.1	1.1	.6	.1										148	148	213	122
50/ 49	.1	.5	.6	.6	1.2	1.1	.3											132	132	220	126
48/ 47	.1	.4	.5	.5	1.0	.9	.2											110	110	214	135
46/ 45	.1	.6	.6	.5	.9	1.0	.1											116	116	224	153
44/ 43	.1	.4	.6	.7	.6	.4												88	88	189	158
42/ 41	.1	.3	.4	.4	.4	.2												55	56	149	156
40/ 39		.0	.2	.3	.3													27	28	126	153
38/ 37			.2	.2	.0													13	14	99	172
36/ 35	.0	.2	.2	.1	.0													16	16	69	140
34/ 33			.1	.1														4	4	43	129
32/ 31			.0	.1	.0	.0												5	5	18	155
30/ 29			.0		.0													2	2	6	126
28/ 27																				5	78
26/ 25																				1	88
24/ 23																				3	62
22/ 21																					48
20/ 19																					28
18/ 17																					32
16/ 15																					18

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
14/ 13																					2
12/ 11																					1
10/ 9																					1
8/ 7																					1
4/ 3																					1
0/ -1																					1
TOTAL	2,2	12,4	11,3	13,5	17,1	10,5	13,3	7,6	3,1	,8	,3							3121	3127	3123	3123

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12513092	187830	60,1	19,737	3123							
Dry Bulb	11420909	186659	59,7	9,443	3127		,2	24,0	7,3	,2		93
Wet Bulb	8757265	162839	52,1	9,240	3123		1,0	5,3				93
Dew Point	6733067	139319	44,6	12,880	3123	,0	19,1	1,5				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB AL[illegible]AMA/MONTGOMERY STATION NAME | 37-41,43-72 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77					.0													1	1		
76/ 75				.1	.0													3	3		
74/ 73			.3	.3	.1													20	20		
72/ 71		.1	1.3	.8	.4	.2												84	84		
70/ 69		.5	1.7	1.0	.5	.2	.1	.1										126	126	28	
68/ 67	.1	.6	1.6	.9	.5	.3	.2	.1										135	135	97	45
66/ 65	.2	1.1	1.4	.8	.9	.6	.4	.1										171	171	94	86
64/ 63	.2	2.1	1.5	.9	1.0	1.0	.4	.1	.0									225	225	143	100
62/ 61	.3	1.9	1.1	1.3	.9	.7	.4	.1										208	208	168	135
60/ 59	.3	2.2	1.3	1.4	.9	1.2	.4	.1										237	237	164	161
58/ 57	.5	2.2	1.9	1.2	1.5	1.3	.4	.0										272	276	191	143
56/ 55	.2	1.8	1.0	1.3	1.4	1.2	.3	.1										227	227	234	159
54/ 53	.3	.9	1.1	1.7	1.5	1.1	.2											208	206	194	161
52/ 51	.3	1.1	1.6	1.7	1.7	1.0												229	229	187	150
50/ 49	.1	.8	1.2	1.9	1.7	.5												193	193	217	145
48/ 47	.1	.6	1.2	2.0	1.3	.3	.1											170	170	226	133
46/ 45	.2	1.0	1.4	1.2	1.0	.2												153	153	224	153
44/ 43	.1	.6	1.2	.7	1.2	.0												118	118	212	152
42/ 41	.2	.5	1.4	1.2	.5													118	118	219	194
40/ 39		.4	1.0	1.3	.5													97	97	140	185
38/ 37		.3	.5	.7	.1													51	51	116	161
36/ 35		.3	.4	.4	.1													33	34	103	204
34/ 33		.1	.1	.1														9	11	69	120
32/ 31		.1	.1	.0														6	6	54	137
30/ 29		.0	.2															8	8	13	93
28/ 27		.0	.0	.0														3	3	7	94
26/ 25		.0	.0															2	2	7	69
24/ 23																				1	47
22/ 21																				2	30
20/ 19																					28
18/ 17																					15
16/ 15																					8
10/ 9																					1
8/ 7																					1

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	3,0	19,2	24,1	22,7	17,6	9,8	2,8	,1	,0									3107	3114	3110	3110

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	16137135	218071	70,1	16,497	3110							
Dry Bulb	9759944	171932	55,2	9,263	3114		,6	11,0	,7			93
Wet Bulb	8125727	156173	50,2	9,545	3110		2,5	3,7				93
Dew Point	6770068	140124	45,1	12,119	3110		15,6	1,3				93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 YEARS | APR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75			.1	.1	.1													10	10		
74/ 73		.1	.6	.2	.1													28	28	1	
72/ 71		.5	1.9	.9	.2	.1												107	107	17	2
70/ 69		1.2	3.0	1.4	.3	.2	.0	.0										189	189	45	23
68/ 67	.0	3.1	3.5	1.5	.3	.2	.2	.0										271	271	143	75
66/ 65	1.0	3.0	4.1	1.3	.5	.3	.1											330	330	271	191
64/ 63	.5	3.3	2.6	2.0	.7	.4	.1	.1										293	294	275	256
62/ 61	.6	3.6	2.2	1.6	1.1	.6	.2	.0										301	301	283	247
60/ 59	.4	3.0	2.5	1.9	.9	.5	.2											285	285	260	271
58/ 57	.6	2.2	3.1	1.4	.8	.4	.1	.1										265	265	264	228
56/ 55	.4	2.1	2.1	1.4	.3	.2	.1	.0										201	201	232	192
54/ 53	.2	1.5	2.2	1.6	.8	.1												192	192	258	188
52/ 51	.1	1.0	2.0	1.5	.5	.1	.0											161	161	194	200
50/ 49	.1	1.1	1.6	1.2	.5	.1												140	140	195	199
48/ 47	.1	.9	1.1	.9	.2	.0	.0											99	99	172	160
46/ 45	.0	.6	1.1	.8	.1													82	82	144	168
44/ 43		.2	.7	.8	.0	.0												51	51	100	151
42/ 41		.2	.3	.3	.0													26	26	82	106
40/ 39	.0	.1	.2															12	12	61	94
38/ 37		.1																3	3	35	109
36/ 35				.1														2	2	14	69
34/ 33			.0															1	1		46
32/ 31																				1	35
30/ 29																				2	24
28/ 27																					5
26/ 25																					5
24/ 23																					4
22/ 21																					5
TOTAL	3.9	28.5	34.9	21.0	7.3	3.1	1.0	.3										3049	3050	3049	3049

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	19448320	240352	78.8	12.826	3049							
Dry Bulb	11037744	182046	59.7	7.509	3050			17.9	1.1			90
Wet Bulb	9722438	170450	55.9	7.971	3049		.1	6.1	.0			90
Dew Point	8786851	160999	52.8	9.678	3049		2.3	3.0				90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
76/ 75			.1	.0														4	4		
74/ 73		.2	.2	.1														13	13		
72/ 71		.5	.9	.3														49	49	12	4
70/ 69	.1	1.9	1.8	.3	.1													129	129	44	24
68/ 67	.2	3.0	2.3	.2	.1	.1												198	198	104	68
66/ 65	1.2	5.1	2.4	.5														285	285	256	188
64/ 63	.6	4.6	1.7	.4		.1												228	228	224	226
62/ 61	1.1	5.6	1.5	.9	.4	.0	.0											290	290	275	242
60/ 59	.7	4.7	2.2	1.0	.7	.0	.0											282	282	259	273
58/ 57	.7	3.2	2.8	.7	.4	.1	.0											242	242	211	206
56/ 55	.6	3.6	2.8	1.2	.4	.2												269	269	224	176
54/ 53	.4	3.2	1.8	1.2	.5	.1												220	220	257	206
52/ 51	.2	2.4	2.1	.8	.2	.1												176	176	207	201
50/ 49	.2	2.1	1.9	1.0	.2	.0												167	167	194	208
48/ 47	.1	1.9	1.9	1.1	.2													155	155	172	149
46/ 45	.1	1.8	1.7	.4	.1	.0												127	127	178	169
44/ 43		.7	1.2	.4	.1													74	74	133	157
42/ 41	.0	1.0	1.0	.1	.0													65	65	110	126
40/ 39	.1	.5	1.1	.1														54	54	78	115
38/ 37	.1	.3	.2															17	17	65	109
36/ 35		.1																2	2	39	77
34/ 33																				4	50
32/ 31			.1															2	2		34
30/ 29		.0																1	1		18
28/ 27																				3	11
26/ 25																					6
24/ 23																					3
22/ 21																					2
20/ 19																					1
TOTAL	6.3	46.8	31.7	10.6	3.6	.8	.1												3049		3049
																		3049		3049	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	21905384	256208	84.0	11.109	3049							
Dry Bulb	10221332	174820	57.3	8.054	3049		.1	11.6	.5			90
Wet Bulb	9320965	166583	54.6	8.489	3049		.1	4.7				90
Dew Point	8652956	159676	52.4	9.766	3049		2.2	2.8				90

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79					.0													1	1		
78/ 77			.1	.1	.2	.1	.1											13	13		
76/ 75		.0	.2	.6	.7	.2		.0										54	54	1	
74/ 73		.2	.6	1.0	.3	.1	.1	.1										76	76	6	2
72/ 71	.1	.6	1.9	1.4	.6	.2	.2	.1										156	156	29	8
70/ 69	.0	1.5	3.2	1.2	.6	.4	.1	.1	.0		.0							225	226	83	32
68/ 67	.3	3.3	2.9	1.3	.6	.4	.3	.1										281	281	202	105
66/ 65	.6	3.3	2.8	1.7	.9	.7	.3	.1										321	321	292	213
64/ 63	.4	3.0	2.2	1.4	1.1	.5	.1	.0										275	275	251	278
62/ 61	.6	3.0	1.9	1.4	1.1	.6	.1	.0										270	270	263	243
60/ 59	.5	2.4	2.5	1.6	1.0	.5	.3	.0										277	277	274	243
58/ 57	.5	1.9	2.2	1.6	1.0	.5	.1	.0										247	247	241	223
56/ 55	.1	1.6	1.6	1.9	1.0	.3	.0	.0										211	211	268	183
54/ 53	.2	1.3	1.2	1.3	.6	.3	.2	.0										160	160	214	200
52/ 51	.2	.9	1.3	1.0	.7	.3	.1											140	140	192	201
50/ 49	.2	.7	1.2	.8	.4	.1	.0											108	108	168	193
48/ 47	.1	1.0	1.3	.9	.4	.1	.0											117	117	168	138
46/ 45		.7	.8	.6	.2													74	74	134	152
44/ 43		.3	.8	.3	.2	.1												49	49	115	155
42/ 41	.1	.4	.7	.2	.0													44	44	86	120
40/ 39		.2	.3	.1														19	19	70	100
38/ 37		.1	.1															8	8	43	94
36/ 35	.0			.0														2	2	22	83
34/ 33																				5	59
32/ 31			.0															1	1	1	32
30/ 29																				1	30
28/ 27																					15
26/ 25																					10
24/ 23																					11
22/ 21																					5
20/ 19																					1
TOTAL	3.6	26.8	29.8	20.4	11.5	5.3	1.9	.6	.0		.0								3130		3129
																		3129		3129	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	19164072	240870	77.0	14.101	3129							
Dry Bulb	11652824	189238	60.5	8.224	3130		.0	23.2	4.1			90
Wet Bulb	10119968	175968	56.2	8.461	3129		.1	9.2	.2			90
Dew Point	9051220	165188	52.8	10.279	3129		3.0	4.2	.1			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89											.0							1	1		
88/ 85						.0	.1	.3	.2	.2		.1			.0			26	26		
84/ 83					0	.2	.6	.5	.4	.1	.2							65	65		
82/ 81				.0	.2	.5	1.2	.9	.2	.2	.2	.0						109	109		
80/ 79				.3	.7	2.0	1.2	.8	.7	.5	.4	.0						204	204		
78/ 77			.1	.4	1.8	2.0	1.4	.9	.7	.4	.2	.0						245	245		
76/ 75		.0	.3	1.5	2.2	1.4	1.4	1.2	.8	.4	.2							295	295	5	
74/ 73		.0	.5	1.9	2.2	1.4	1.2	1.0	.8	.4	.1							302	302	37	3
72/ 71	.0	.2	.8	1.6	1.3	1.2	1.6	.9	.7	.4	.1							276	276	112	13
70/ 69		.4	1.2	1.8	1.5	1.2	1.2	.8	.8	.4	.1							299	299	294	50
68/ 67	.1	.5	1.3	.9	1.1	1.4	.9	1.0	.6	.1								251	251	313	138
66/ 65	.0	1.1	.7	.9	.7	.8	1.2	1.0	.7	.2								226	226	312	253
64/ 63	.1	.6	.6	.6	.8	.9	.7	.9	.5	.0								186	186	310	291
62/ 61	.2	.9	.5	.7	.7	.6	1.0	.7	.2	.0								172	172	283	258
60/ 59	.2	.7	.6	.6	.8	.5	1.0	.5	.1									155	155	269	259
58/ 57	.1	.3	.4	.4	.5	.5	.6	.2										93	93	214	182
56/ 55	.1	.2	.2	.2	.4	.8	.6	.2										80	80	210	163
54/ 53		.2		.2	.3	.5	.4	.1										48	48	197	183
52/ 51	.1	.1	.1	.1	.4	.4	.1											40	40	136	164
50/ 49		.1	.1	.1	.2	.2	.1	.0										23	23	115	168
48/ 47		.0	.1	.1	.1	.1	.1											15	15	126	162
46/ 45		.1	.0	.2	.0	.1												12	12	69	113
44/ 43			.0			.0												2	2	61	107
42/ 41		.0	.0															2	2	36	95
40/ 39																				17	86
38/ 37																				7	95
36/ 35																				3	106
34/ 33																				1	56
32/ 31																					58
30/ 29																					48
28/ 27																					21
26/ 25																					18
24/ 23																					15
22/ 21																					15

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 YEARS | APR 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
20/ 19																					3
18/ 17																					3
16/ 15																					1
TOTAL	.8	5.6	7.6	12.5	16.1	16.7	16.5	11.7	7.3	3.5	1.4	.2			.0			3127	3127	3127	3127

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11474315	181363	58.1	17.398	3124							
Dry Bulb	15284763	217137	69.4	8.136	3127			59.7	35.9	8.7		90
Wet Bulb	11465058	187744	60.0	7.857	3127			21.9	1.2			90
Dew Point	9149474	165414	52.9	11.302	3127		5.2	5.9	.1			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) APR (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
92/ 91										.0	.1	.1						5	5		
90/ 89								.0	.1	.1	.1	.2	.1					20	20		
88/ 87							.2	.4	.6	1.0	.4	.1	.1	.0				90	90		
86/ 85						.1	.2	1.2	1.8	1.1	.7	.3	.3	.1				178	178		
84/ 83					.1	.2	.8	2.1	1.4	1.4	1.1	.7	.5					258	258		
82/ 81					.2	1.0	2.0	2.0	1.9	1.3	1.3	1.0	.3	.1				343	343		
80/ 79				.1	.5	1.4	1.5	1.8	1.5	1.2	1.8	.5	.1					320	320		
78/ 77			.1	.5	1.2	1.2	1.2	1.2	1.4	1.8	.8	.2	.1					299	299		
76/ 75	.0		.0	.5	.5	1.1	1.0	1.2	1.3	.8	.9	.2						234	234	17	1
74/ 73		.1	.4	.6	.9	.7	.7	1.0	1.6	1.3	.7	.2						255	255	55	
72/ 71		.2	.4	.7	.7	.7	.7	.5	.9	1.1	.6	.1						204	204	203	14
70/ 69	.0	.3	.4	.8	.3	.2	.6	.8	1.1	.8	.5							181	181	348	59
68/ 67	.1	.2	.7	.4	.1	.2	.4	1.0	1.1	.9	.1							160	160	310	120
66/ 65	.1	.9	.3	.3	.4	.7	.3	.7	.9	.3	.1	.0						154	154	318	190
64/ 63	.1	.8	.3	.2	.2	.1	.4	.7	.7	.1	.1							117	117	326	243
62/ 61	.0	.8	.3	.4	.2	.4	.4	.5	.5	.1								113	113	291	279
60/ 59	.2	.4	.3	.1	.2	.4	.3	.5	.1									82	82	289	245
58/ 57	.1	.1	.3	.1	.1	.2	.3	.3	.3									52	52	201	200
56/ 55	.0	.2	.1	.0	.2	.2	.1	.2	.0									29	29	199	186
54/ 53	.0	.1	.0	.1	.1	.1		.1										17	17	146	162
52/ 51				.0		.0												2	2	143	144
50/ 49		.1	.1	.1		.0												8	8	113	165
48/ 47		.0		.0	.0													3	3	77	153
46/ 45				.1														3	3	47	137
44/ 43																				28	125
42/ 41																				13	135
40/ 39																				3	121
38/ 37																					80
36/ 35																					100
34/ 33																					55
32/ 31																					78
30/ 29																					45
28/ 27																					21
26/ 25																					27

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) APR (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
24/ 23																					9
22/ 21																					15
20/ 19																					3
18/ 17																					11
16/ 15																					4
TOTAL	.7	4.3	3.6	5.1	5.6	8.9	11.0	16.2	17.0	13.3	9.1	3.5	1.3	.2				3127		3127	3127
																	3127		3127		

Element (·)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8287313	150297	48.1	18.444	3127							
Dry Bulb	17654861	233545	74.7	8.239	3127			73.3	57.6	31.0		90
Wet Bulb	12038137	192687	61.6	7.258	3127			26.9	2.1			90
Dew Point	8862313	162547	52.0	11.492	3127		6.1	5.6	.0			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) APR (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93												.0						1	1		
92/ 91											.0	.0	.0					3	3		
90/ 89								.0	.0	.2	.1	.2	.1	.0				21	21		
88/ 87							.1	.2	.6	1.0	.7	.4	.1	.0				97	97		
86/ 85						.0	.2	1.1	2.2	1.3	.9	.5	.4	.1				207	207		
84/ 83				.0	.0	.2	.7	1.9	1.8	2.0	1.1	.7	.8	.1				293	293		
82/ 81					.3	.5	1.8	1.8	1.7	1.7	1.9	1.0	.4	.1				344	344		
80/ 79			.0		.3	1.2	1.5	1.3	1.6	1.5	1.8	.7	.2	.0				318	318		
78/ 77			.0	.2	.5	.6	1.0	.8	1.6	1.3	1.2	.6	.0					245	245	1	
76/ 75			.1	.5	.8	.8	1.0	.9	1.2	1.5	1.2	.2						256	256	8	1
74/ 73		.1	.6	.6	.7	.7	.9	.7	1.3	1.3	.0	.3	.0					260	260	44	2
72/ 71		.2	.8	.6	.7	.7	.6	.6	.9	1.2	1.0	.3						232	232	158	8
70/ 69	.1	.4	.9	.7	.3	.3	.2	.6	1.2	1.0	.1							178	178	356	43
68/ 67	.0	.4	.8	.4	.3	.3	.2	.7	1.1	.7	.1							164	164	327	108
66/ 65	.0	.9	.5	.2	.2	.4	.3	.4	.6	.5	.1	.0						133	133	339	174
64/ 63	.1	.7	.3	.3	.1	.3	.3	.7	.4	.3								104	104	315	254
62/ 61	.0	.7	.2	.3	.3	.3	.4	.6	.5	.2								104	104	329	251
60/ 59	.0	.4	.3	.5	.1	.2	.1	.4	.3	.0								73	73	285	240
58/ 57	.1	.4	.2	.1	.2	.2	.1	.2										43	43	235	212
56/ 55		.0	.2	.1	.1	.0	.1	.1										19	19	201	175
54/ 53		.0	.1	.0	.2	.1	.0											16	16	154	185
52/ 51		.0		.1		.1												8	8	130	143
50/ 49		.1				.1												5	5	100	162
48/ 47		.1																2	2	69	166
46/ 45				.1														3	3	52	130
44/ 43																				14	137
42/ 41																				10	154
40/ 39																				2	128
38/ 37																					101
36/ 35																					86
34/ 33																					79
32/ 31																					49
30/ 29																					52
28/ 27																					18

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
26/ 25																					25
24/ 23																					23
22/ 21																					13
20/ 19																					3
18/ 17																					4
16/ 15																					1
14/ 13																					1
12/ 11																					1
TOTAL	.4	4.4	5.0	4.8	5.0	7.1	9.4	13.1	17.1	15.6	10.8	4.9	2.1	.4				3129	3129	3129	3129

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8064968	147232	47.1	19.066	3129							
Dry Bulb	17862590	235046	75.1	8.121	3129			75.3	58.8	33.3	.0	90
Wet Bulb	12025671	192765	61.6	6.930	3129			25.7	1.5			90
Dew Point	8729042	161434	51.6	11.311	3129		5.5	4.7	.1			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87								.1										2	2		
86/ 85							.0	.1	.1	.1								7	7		
84/ 83						.0	.1	.3	.4	.1			.0					31	31		
82/ 81					.0	.2	.6	.6	.4	.2		.0						66	66		
80/ 79					.3	1.2	1.7	1.0	.6	.3	.2		.1					168	168		
78/ 77				.3	1.3	2.1	1.5	.9	.6	.4	.1	.1						227	227		
76/ 75		.0	.2	.9	1.9	2.1	1.3	1.0	1.1	.5	.2	.1	.0					290	290		
74/ 73		.0	.4	1.6	1.8	1.3	1.4	1.3	.8	.2	.2	.0						281	281	13	
72/ 71		.4	1.0	1.0	1.5	1.6	1.4	1.3	.8	.2	.1							308	308	48	4
70/ 69	.1	.9	1.4	.9	1.3	1.5	2.0	1.2	1.0	.4								340	341	228	33
68/ 67	.1	1.0	1.3	1.2	1.1	1.1	1.0	.9	.7	.1	.1							272	272	346	109
66/ 65	.2	1.4	1.2	1.1	1.3	.7	1.4	.9	.4	.0								270	270	331	233
64/ 63	.2	1.2	.8	.7	.7	1.2	1.0	.6	.2									204	204	287	266
62/ 61	.3	1.2	.3	1.0	.5	1.0	1.0	.4	.1									180	180	313	252
60/ 59	.1	.6	.5	.7	.9	.7	.7	.5	.1									150	150	304	247
58/ 57	.1	.6	.4	.4	.5	.8	.7	.1	.1									112	112	279	243
56/ 55		.1	.3	.3	.6	.6	.2	.1										72	72	229	188
54/ 53		.1	.4	.4	.4	.3	.3	.0										56	56	185	179
52/ 51		.1	.1	.4	.4	.3	.1											43	43	174	175
50/ 49		.1	.2	.2	.2	.2	.0											29	29	120	177
48/ 47		.0		.1	.0													6	6	103	151
46/ 45				.0	.1													3	3	78	157
44/ 43			.1	.0	.0													4	4	45	129
42/ 41				.0	.0													2	2	24	109
40/ 39																				11	133
38/ 37																				3	94
36/ 35																				1	81
34/ 33																				1	43
32/ 31																					40
30/ 29																					33
28/ 27																					18
26/ 25																					8
24/ 23																					14
22/ 21																					5

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

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) APR (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
20/ 19																					1
18/ 17																					1
TOTAL	1.0	7.8	8.9	11.3	15.0	16.9	16.7	11.5	7.3	2.6	.8	.2	.1					3123	3124	3123	3123

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	11964790	185200	59.3	17.736	3123							
Dry Bulb	14941442	214738	68.7	7.608	3124			57.4	30.9	5.4		90
Wet Bulb	11288301	186401	59.7	7.218	3123			18.3	.4			90
Dew Point	9056041	165009	52.8	10.397	3123		3.5	4.2				90

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79						.0	.0											2	2		
78/ 77				.1	.3	.3	.2											26	26		
76/ 75		.0	.2	.5	1.1	.4	.1	.1		.1								77	77		
74/ 73		.0	.9	1.9	1.4	.8	.1	.1	.0									164	164	1	
72/ 71		.2	2.2	2.4	2.0	.7	.2	.3	.0		.0							251	251	24	2
70/ 69	.1	1.0	2.8	2.2	2.1	.6	.9	.3	.1	.1	.0							318	318	89	30
68/ 67	.1	2.1	2.7	1.9	1.4	1.4	.9	.2	.2									333	334	239	74
66/ 65	.4	2.6	2.1	2.3	1.8	1.2	.6	.3										355	356	335	236
64/ 63	.5	2.0	1.6	2.3	1.7	1.4	.5	.3	.0									320	321	311	287
62/ 61	.5	2.3	1.2	1.3	1.4	.8	.4	.1	.0									248	248	290	271
60/ 59	.3	1.5	1.3	1.9	1.2	.8	.5	.1										230	230	279	253
58/ 57	.4	1.2	1.5	1.9	1.2	.6	.3											217	217	282	256
56/ 55		.6	.7	1.4	1.0	.4	.1											133	133	252	188
54/ 53	.1	.7	.9	.8	1.3	.4	.1											134	134	215	190
52/ 51		.2	.7	.9	.7	.4	.1											92	92	196	172
50/ 49	.1	.5	.5	.8	.8	.3												91	91	166	190
48/ 47		.1	.5	.7	.5	.1												58	58	125	168
46/ 45		.1	.3	.4	.3	.0												30	30	102	162
44/ 43			.1	.1														8	8	76	125
42/ 41			.1	.1														5	5	63	101
40/ 39			.1	.0														3	3	30	96
38/ 37				.1														2	2	17	87
36/ 35																				2	67
34/ 33																				1	52
32/ 31																				2	37
30/ 29																					27
28/ 27																					13
26/ 25																					7
24/ 23																					6
TOTAL	2.4	15.2	20.3	24.0	20.1	10.6	5.0	1.8	.4	.2	.1								3100		3097
																		3097		3097	

Element (Y)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	16347203	220011	71.0	15.225	3097							
Dry Bulb	12621425	196505	63.4	7.302	3100			34.0	7.8	.0		90
Wet Bulb	10495446	178752	57.7	7.588	3097		.1	10.3	.0			90
Dew Point	9088399	164975	53.3	9.849	3097		2.6	3.1				90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-71 (YEARS) MAY (MONTH)

PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (°)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81								.0										1	1		
80/ 79			.0		.0	.3				.0								12	12		
78/ 77			.1	.3	.4	.2	.1											32	32		
76/ 75	.1	.2	.7	1.4	1.5	.3	.1	.0										135	135	5	1
74/ 73		.8	3.8	3.6	1.0	.3	.1	.1										300	300	9	5
72/ 71	.1	3.2	5.4	3.7	.7	.3	.2	.1										435	435	99	24
70/ 69	.2	4.5	6.0	2.6	1.6	.6	.1											491	491	384	186
68/ 67	.3	5.5	4.1	2.2	1.4	.2	.0											432	432	537	339
66/ 65	.5	4.6	3.9	1.8	1.0	.2	.0											382	382	501	521
64/ 63	.2	2.7	2.4	1.6	.6	.2	.0											246	247	357	469
62/ 61	.2	1.9	1.9	1.5	.4	.1												190	190	323	294
60/ 59	.1	1.7	1.4	1.4	.4	.1												161	161	248	270
58/ 57	.1	1.1	1.3	.8	.2	.2												117	117	193	229
56/ 55	.1	.6	1.1	.7	.3	.0												90	90	149	209
54/ 53		.4	1.0	.5	.3													66	66	117	153
52/ 51		.3	.6	.3														38	38	84	118
50/ 49		.2	.3	.2	.0													23	23	71	100
48/ 47		.1	.1	.0														5	5	50	78
46/ 45				.0														1	1	24	65
44/ 43																				4	33
42/ 41																				2	29
40/ 39																					23
38/ 37																					8
36/ 35																					2
34/ 33																					1
TOTAL	2.0	27.8	34.1	22.5	9.9	2.9	.6	.2		.0									3158		3157
																		3157		3157	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	20862246	254424	80.6	10.652	3157							
Dry Bulb	14185928	210826	66.8	5.938	3158			54.1	14.1	.2		93
Wet Bulb	12575027	198353	62.8	5.973	3157			30.5	.4			93
Dew Point	11068239	190663	60.4	6.972	3157			16.3	.2			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77				.1	.1													4	4		
76/ 75		.2	.3	.3	.2	.1												30	30		
74/ 73	.0	1.0	2.0	1.2	.3	.1	.0											151	151	8	5
72/ 71	.1	3.4	3.9	1.5	.2													291	291	65	32
70/ 69	.4	6.3	6.9	1.4	.3													486	486	255	147
68/ 67	.5	7.3	5.0	1.4	.7		.1											479	479	472	302
66/ 65	.8	6.4	3.3	1.5	.2	.1	.0											390	390	521	463
64/ 63	.8	4.5	3.1	1.1	.3	.1												315	316	381	486
62/ 61	.4	4.3	2.5	.9	.3	.0												270	270	311	307
60/ 59	.3	3.3	2.7	.9	.3		.0											239	239	309	286
58/ 57	.2	2.1	1.3	.5	.1													135	136	218	277
56/ 55	.2	1.6	1.2	.7	.1													124	124	196	211
54/ 53	.2	1.1	1.4	.4	.1													101	101	122	177
52/ 51	.1	1.0	.8	.3														72	72	99	117
50/ 49	.0	.8	.5	.4		.0												56	56	93	95
48/ 47		.1	.5	.1	.0													26	26	60	97
46/ 45		.2	.2	.1														14	14	40	67
44/ 43	.0		.1															3	3	26	44
42/ 41																				7	22
40/ 39																				3	34
38/ 37																					9
36/ 35																					5
34/ 33																					2
28/ 27																					1
TOTAL	3.8	43.9	35.7	12.9	3.1	.4	.2												3188		3186
																		3186		3186	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	23363339	271371	85.2	8.842	3186							
Dry Bulb	13394284	205692	64.5	6.210	3188			42.0	5.4			93
Wet Bulb	12244881	196481	61.7	6.336	3186			23.4	.2			93
Dew Point	11573207	190683	59.9	7.105	3186		.0	14.2	.1			93

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

PROCESSING BRANCH
TAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 YEARS | MAY MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87							.0											1	1		
86/ 85					.1	.1	.1											7	7		
84/ 83				.0	.0	.1	.1	.2		.0								13	13		
82/ 81			.1	.1	.3	.4	.4	.2										46	46		
80/ 79			.1	.6	1.2	1.2	.3	.0										110	110		
78/ 77			.4	1.8	2.1	.9	.2	.3	.1	.0								187	187	7	
76/ 75		.2	2.3	3.3	2.4	.9	.3	.1		.0								304	304	11	5
74/ 73		.7	3.3	3.6	2.2	1.2	.2	.1	.1									368	368	89	14
72/ 71	.0	1.8	4.8	5.1	3.3	1.0	.2	.2	.1									402	402	249	78
70/ 69	.2	3.2	4.5	4.3	1.7	.6	.4	.1	.1									421	421	454	229
68/ 67	.2	2.9	3.6	2.5	.9	.7	.3	.1										362	362	517	427
66/ 65	.2	2.1	2.9	1.6	1.0	.5	.3	.0	.0									283	283	424	477
64/ 63	.2	1.6	1.9	1.3	1.0	.6	.2		.0									223	223	337	400
62/ 61	.1	1.2	1.5	.8	.9	.2	.1											156	156	283	291
60/ 59	.1	.7	1.3	.9	.4	.2	.1											118	118	224	270
58/ 57	.0	.6	.9	.8	.3	.2												89	89	186	234
56/ 55		.4	.7	.4	.2	.1												55	55	151	185
54/ 53		.3	.5	.3	.3	.0												45	45	119	131
52/ 51	.0	.1	.2	.3	.1													24	24	72	127
50/ 49		.2	.1	.2	.0													16	16	45	103
48/ 47		.1	.1	.1	.0													7	7	33	78
46/ 45		.0		.0														2	2	23	69
44/ 43																				12	32
42/ 41																				3	40
40/ 39																					18
38/ 37																					16
36/ 35																					10
34/ 33																					3
32/ 31																					2
TOTAL	1.0	16.1	29.0	24.0	16.2	8.8	3.1	1.3	.4	.1									3239		3239
																		3239		3239	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	Hr. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	18963972	244770	75.6	12.261	3239							
Dry Bulb	15579191	223617	69.0	6.597	3239			63.8	29.7	3.5		93
Wet Bulb	13325527	206755	63.8	6.281	3239			59.1	3.1			93
Dew Point	12095032	196422	60.6	7.527	3239		.1	21.6	.5			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAY (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95												.0						1	1		
94/ 93								.0	.1	.1	.0		.1					9	9		
92/ 91							.0	.0	.2	.1	.2	.1	.1	.0	.1			29	29		
90/ 89							.1	.2	.8	.7	.4	.2	.1		.0			78	78		
88/ 87					.0	.1	.4	1.2	2.0	.8	.4	.2	.2					171	171		
86/ 85					.1	.5	2.1	2.2	1.5	1.1	.6	.2	.1					267	267		
84/ 83					.4	1.8	3.1	2.4	1.3	.8	.4	.2	.1					340	340		
82/ 81			.0	.2	1.2	2.8	2.6	1.9	1.3	.7	.3	.2	.0					358	358		
80/ 79			.0	.9	3.1	3.0	2.7	1.6	1.0	.4	.5	.1						428	428	3	
78/ 77		.0	.2	1.8	2.4	2.4	1.6	1.2	1.0	.4	.3							362	362	18	1
76/ 75		.1	.4	2.0	1.8	1.8	1.0	1.0	.7	.6	.2							310	310	97	4
74/ 73		.2	1.0	1.3	.6	1.4	.6	1.1	.4	.5		.0						229	229	342	23
72/ 71		.3	1.1	.6	.7	.9	.9	.4	.6	.2	.1							191	191	552	106
70/ 69	.0	.5	.6	.6	.7	.3	.7	.6	.4	.1	.0							154	154	547	288
68/ 67		.2	.5	.4	.4	.2	.4	.3	.3	.0								95	95	436	437
66/ 65		.6	.2	.3	.4	.2	.5	.1	.1									84	84	314	417
64/ 63	.1	.2	.2	.1	.1	.2	.4	.1										45	45	244	356
62/ 61			.2	.2	.2	.2	.1											27	27	182	275
60/ 59		.2	.1	.1	.1	.1	.1	.1										24	24	153	253
58/ 57		.1		.0	.2	.1	.1											16	16	116	212
56/ 55		.1	.1			.1												8	8	85	177
54/ 53		.1			.1	.0												5	5	70	124
52/ 51																				43	118
50/ 49																				17	92
48/ 47																				5	58
46/ 45																				8	69
44/ 43																					69
42/ 41																					49
40/ 39																					51
38/ 37																					22
36/ 35																					15
34/ 33																					10
32/ 31																					4
30/ 29																					1

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
28/ 27																				1
TOTAL	.1	2.6	4.7	8.5	12.5	16.0	17.5	14.5	11.7	6.5	3.4	1.2	.6	.0	.1			3231		3232
																		3231		3232	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11053585	182731	56.5	14.952	3232							
Dry Bulb	19829181	252149	78.0	6.845	3231			87.0	74.3	43.1	.3	93
Wet Bulb	14570206	216174	66.9	5.869	3232			57.6	13.2	.1		93
Dew Point	12010977	195149	60.4	8.397	3232		.2	24.7	.8			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97											.1		.0	.1				5	5		
96/ 95										.2	.1	.3	.3	.1	.1	.2		37	37		
94/ 93								.0	.2	.3	.8	.8	.6	.2	.2			99	99		
92/ 91							.0	.1	.5	1.1	1.7	1.2	.8	.2				180	180		
90/ 89							.0	1.0	2.3	2.4	2.6	1.4	.6	.2	.1			342	342		
88/ 87						.0	.6	1.8	3.6	2.6	1.9	1.4	.3	.1	.1			395	395		
86/ 85						.4	1.6	2.8	2.8	2.2	1.7	1.0	.4	.2				421	421		
84/ 83				.0	.1	1.0	2.2	2.3	1.5	1.4	.2	.6	.3	.1				348	348		
82/ 81			.0	.1	.4	1.3	2.0	1.4	1.5	1.1	.9	.6	.1					306	306		
80/ 79				.6	.8	1.7	1.3	1.4	1.3	.9	.7	.2	.1					291	291	2	
78/ 77			.2	.3	1.1	.8	.6	1.1	1.0	.9	.6	.3						226	226	26	
76/ 75		.2	.3	.6	.6	.5	.4	.4	.5	.6	.7	.2						158	158	139	3
74/ 73	.0	.2	.6	.4	.4	.2	.1	.4	.7	.4	.3	.0						124	124	403	17
72/ 71	.1	.3	.4	.3	.2	.2	.4	.3	.5	.4	.0							94	94	581	82
70/ 69	.1	.4	.3	.3	.3	.3	.2	.2	.3	.1								77	77	572	194
68/ 67		.2	.3	.3	.1	.1	.1	.2	.2	.1								52	52	398	308
66/ 65		.4	.2		.0	.1	.2	.2	.1									37	37	318	372
64/ 63		.1		.1	.1	.0	.1	.1	.0									16	16	248	374
62/ 61	.0	.1	.0				.0											6	6	161	309
60/ 59		.2	.1			.0												11	11	139	282
58/ 57	.0	.1	.1															6	6	96	247
56/ 55		.0	.1															4	4	79	202
54/ 53																				45	174
52/ 51																				23	159
50/ 49																				4	89
48/ 47																				1	87
46/ 45																					91
44/ 43																					66
42/ 41																					52
40/ 39																					52
38/ 37																					32
36/ 35																					22
34/ 33																					14
32/ 31																					1

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 YEARS | MAY MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
30/ 29 TOTAL	.2	2.2	2.6	3.0	4.2	6.6	9.9	13.6	16.7	14.6	13.3	7.9	3.6	1.1	.4	.2					6
																		3235	3235		3235
																		3235		3235	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7938088	152268	47.1	15.440	3235							
Dry Bulb	22244781	267301	82.6	6.996	3235			90.7	84.3	66.4	4.1	93
Wet Bulb	14923795	219027	67.7	5.405	3235			61.0	16.4	.1		93
Dew Point	11492513	190857	59.0	8.478	3235		.2	17.4	.6			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAY (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97										.0		.0	.1	.1				8	8		
96/ 95										.0	.3	.3	.5	.2	.2	.0		48	48		
94/ 93									.0	.2	.3	.8	.9	.3	.1	.0		88	88		
92/ 91								.1	.6	1.0	2.0	1.9	.8	.4	.1	.0		223	223		
90/ 89								.2	1.9	2.4	3.2	1.3		.3	.1			330	330		
88/ 87							.2	1.2	2.7	2.5	2.3	1.5		.2	.1			362	362		
86/ 85						.1	.6	2.4	2.7	1.9	1.7	.9	.9	.3				373	373		
84/ 83					.0	.7	1.8	2.3	1.9	1.3	1.3	.7	.2					332	332		
82/ 81				.2	.4	1.0	1.5	1.1	1.7	1.0	1.2	.6	.2	.0				287	287		
80/ 79			.1	.3	.9	1.8	.9	1.1	1.7	.9	.7	.2	.1					284	284	1	
78/ 77	.0		.3	.4	1.1	.5	1.0	.8	1.1	.7	.4	.3						223	223	9	1
76/ 75		.1	.5	.9	.9	.5	.4	.4	.6	.6	.6	.2						182	182	92	2
74/ 73	.1	.4	.8	.9	.3	.3	.3	.3	.5	.6	.2	.2						159	159	317	20
72/ 71	.0	.6	.7	.4	.3	.3	.5	.2	.4	.2								120	120	546	54
70/ 69	.2	.7	.4	.4	.1	.1	.2	.1	.2	.1								81	81	658	151
68/ 67	.1	.4	.3	.1	.1	.2	.3	.1	.1	.1								54	54	443	289
66/ 65	.1	.4	.2	.2	.1	.1		.2	.1									47	47	354	353
64/ 63	.1	.2	.1	.1		.0	.1	.0										20	20	261	346
62/ 61		.1	.1			.0	.0											6	6	201	326
60/ 59		.1	.1															7	7	142	324
58/ 57		.1		.1														5	5	81	262
56/ 55			.0															1	1	77	238
54/ 53																				31	167
52/ 51																				24	160
50/ 49																				3	118
48/ 47																					99
46/ 45																					79
44/ 43																					74
42/ 41																					55
40/ 39																					46
38/ 37																					29
36/ 35																					22
34/ 33																					12
32/ 31																					7

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
30/ 29																					4
28/ 27																					1
TOTAL	.6	3.2	3.7	3.9	4.3	5.6	7.8	10.6	16.0	13.5	14.4	9.0	4.8	1.9	.6	.1		3240	3240		3239

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8179885	152871	47.2	17.262	3239							
Dry Bulb	22144630	266840	82.4	7.207	3240			90.5	83.2	63.3	4.1	93
Wet Bulb	14791256	218300	67.4	5.061	3240			59.3	12.0			93
Dew Point	11315221	189533	58.5	8.327	3239		.3	14.8	.7			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAY (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93										.0	.0	.1						4	4		
92/ 91									.1	.0	.2	.2	.1					17	17		
90/ 89							.0	.0	.3	.4	.4	.2	.1					49	49		
88/ 87							.2	.4	1.1	1.0	.4	.1	.1					106	106		
86/ 85						.1	.6	1.1	1.4	1.0	.6	.2	.0	.0				163	163		
84/ 83					.1	.7	1.6	1.9	1.2	.9	.5	.2	.1					233	233		
82/ 81				.0	.4	2.3	2.5	2.3	1.3	.6	.5	.1						324	324		
80/ 79			.0	.6	1.4	2.7	2.0	2.2	1.3	.6	.2	.0						358	358		
78/ 77			.3	1.3	2.6	2.3	2.0	1.5	.8	.3	.2							365	365	2	
76/ 75		.1	1.1	1.8	1.9	1.8	2.1	1.2	.5	.2	.1							349	349	29	
74/ 73		.5	1.9	2.1	1.2	1.6	1.3	.8	.4	.2	.1							323	323	169	7
72/ 71	.0	1.3	2.0	1.2	1.0	.9	.6	.6	.4	.2	.0	.0						268	268	423	68
70/ 69	.2	1.2	1.5	.8	.8	1.1	.8	.6	.3	.0	.0							241	242	611	213
68/ 67	.1	1.1	.9	.6	.7	.5	.5	.3	.1	.1								158	158	520	360
66/ 65	.1	.6	.5	.4	.6	.5	.3	.4	.2	.0								118	118	437	409
64/ 63	.0	.5	.2	.4	.3	.3	.4	.2	.0									75	75	324	387
62/ 61		.2	.2	.2	.2	.3	.2	.0										42	42	235	337
60/ 59		.2	.1	.1	.2	.2	.1											22	22	153	287
58/ 57		.2		.1	.2	.1												15	15	128	266
56/ 55		.1	.1	.0	.1													8	8	80	216
54/ 53																				55	170
52/ 51																				44	127
50/ 49																				27	89
48/ 47																				5	84
46/ 45																					60
44/ 43																					43
42/ 41																					50
40/ 39																					34
38/ 37																					10
36/ 35																					10
34/ 33																					3
32/ 31																					4
26/ 25																					2
24/ 23																					2

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.5	5.8	8.8	9.7	11.8	15.3	15.2	13.5	9.4	5.6	3.1	1.1	.3	.0				3238	3239	3238	3238

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12347388	192648	59.5	16.541	3238							
Dry Bulb	18922564	246502	76.1	6.748	3239			85.0	65.8	31.2	.1	93
Wet Bulb	14187417	213643	66.0	5.310	3238			50.3	5.6			93
Dew Point	11821511	194077	59.9	7.642	3238		.2	18.6	.2			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) MAY (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87									.0									1	1		
86/ 85								.1	.0									3	3		
84/ 83				.1			.1	.2	.1	.0								14	14		
82/ 81			.0	.0	.2	.4	.6	.3	.0									50	50		
80/ 79			.0	.4	1.0	1.5	.9	.3	.1	.0								135	135		
78/ 77		.0	.3	1.6	2.8	1.7	.7	.4	.1									245	245	3	
76/ 75		.1	1.4	3.3	3.5	1.8	1.1	.5	.0	.0								370	370	6	3
74/ 73		.9	2.9	4.1	2.5	1.9	1.1	.3	.0									434	434	42	12
72/ 71	.1	2.1	4.1	2.8	2.7	1.6	.8	.0										452	452	238	48
70/ 69	.4	3.2	3.9	2.7	1.5	.9	.6		.0									424	424	520	225
68/ 67	.4	2.9	2.6	1.7	1.1	1.1	.2	.1										322	322	590	370
66/ 65	.6	1.5	1.4	1.4	.9	.6	.3	.0										214	214	467	557
64/ 63	.1	1.1	1.4	1.3	.6	.5	.2	.1										165	165	362	396
62/ 61	.1	.6	.7	.9	1.1	.4	.2	.0	.0									126	126	269	293
60/ 59	.2	.7	.3	1.0	.3	.3	.1											93	93	187	299
58/ 57		.3	.6	.4	.5	.1												65	65	162	222
56/ 55		.1	.3	.5	.2	.0	.0											35	35	95	191
54/ 53		.1	.2	.4	.1													26	26	98	132
52/ 51		.0	.2	.1	.0													10	10	61	122
50/ 49																				36	95
48/ 47																				21	66
46/ 45																				6	47
44/ 43																				1	41
42/ 41																					38
40/ 39																					12
38/ 37																					10
36/ 35																					3
32/ 31																					1
30/ 29																					1
TOTAL	1.9	13.6	20.4	22.6	18.9	13.0	6.8	2.3	.5	.1									3184		3184
																		3184		3184	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	17498884	232158	72.9	13.398	3184							
Dry Bulb	15885574	224096	70.4	5.965	3184			71.6	36.6	3.7		93
Wet Bulb	13314825	205117	64.4	5.632	3184			40.9	1.5			93
Dew Point	11943288	193712	60.8	7.046	3184		.1	19.2	.4			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-71 YEARS | JUN MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85					.1													2	2		
84/ 83				.1	.1	.2												12	12		
82/ 81			.1	.9	.4	.1	.1											49	49		
80/ 79		.1	2.1	2.1	1.2	.2		.0										176	176		
78/ 77		1.4	4.8	3.9	1.6	.2	.1											364	365	25	2
76/ 75	.0	3.7	9.4	4.6	1.6	.5	.1	.0										608	609	186	63
74/ 73	.2	8.0	8.1	2.9	1.1	.2	.1	.0										634	634	441	243
72/ 71	.3	9.0	5.3	2.0	.6	.3												538	538	782	369
70/ 69	.5	4.4	3.2	1.3	.3	.1	.0											301	301	673	728
68/ 67	.1	2.1	1.9	.7	.6	.1												166	166	388	549
66/ 65	.0	.9	.9	.6	.1	.0												76	76	217	297
64/ 63		.9	.8	.1	.0	.0												58	58	124	204
62/ 61		.6	.6		.1													41	41	93	143
60/ 59		.1	.4	.0	.1	.0												20	20	73	89
58/ 57				.0	.0													2	2	25	67
56/ 55			.0	.0	.1													4	4	10	51
54/ 53																				5	22
52/ 51																				4	6
50/ 49																				3	6
48/ 47																				2	5
44/ 43																					3
42/ 41																					1
40/ 39																					2
TOTAL	1.3	31.2	37.6	19.3	8.1	2.0	.4	.1											3053		3051
																		3051		3051	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	21481937	254529	83.5	8.890	3050							
Dry Bulb	16399058	223390	73.2	4.185	3053			84.1	54.4	4.5		90
Wet Bulb	14799689	212131	69.5	4.072	3051			73.6	19.2			90
Dew Point	14060883	206623	67.7	4.713	3051			63.5	9.1			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81			.0	.0														2	2		
80/ 79		.1	1.1	.4	.0	.1												52	52		
78/ 77		1.2	3.5	.7	.2	.0												175	175	6	
76/ 75	.2	5.1	6.9	1.4	.2	.2												429	429	124	54
74/ 73	.3	10.8	9.4	1.6	.3	.1												688	688	333	219
72/ 71	.6	13.0	5.8	1.2	.5	.1												655	655	732	526
70/ 69	.7	8.4	4.1	1.1	.2	.1												448	448	715	770
68/ 67	.6	4.0	3.2	.9	.2	.0												277	277	423	522
66/ 65	.2	1.4	1.9	.6	.2	.0												132	132	276	302
64/ 63	.1	1.6	1.1	.2	.2													98	98	170	218
62/ 61		1.1	.5	.1														51	51	116	148
60/ 59		.6	.6	.2														42	42	98	132
58/ 57		.5	.1	.1														20	20	36	78
56/ 55				.0														1	1	32	50
54/ 53			.1	.0														4	4	7	28
52/ 51			.1	.1														5	5	2	11
50/ 49																				3	9
48/ 47																				5	5
46/ 45																				1	2
44/ 43																					2
42/ 41																					2
40/ 39																					1
TOTAL	2,7	47,7	38,4	8,7	2,0	,6													3079		3079
																		3079		3079	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	23655028	268960	87,4	7,222	3079							
Dry B	15734054	219722	71,4	4,203	3079			79,7	39,3	,5		90
Wet Bulb	14588988	211518	68,7	4,354	3079			68,2	13,5			90
Dew Point	14041909	207387	67,4	4,880	3079			61,1	8,0			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 YEARS | JUN MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
94/ 93								.0										1	1		
90/ 89						.1	.2	.1										9	9		
88/ 87						.3	.3	.1	.0									21	21		
85/ 85				.2	.9	.8	.2	.2										71	71		
84/ 83			.1	.7	2.1	1.5	.4	.1	.1									159	159		
82/ 81		.0	.4	2.9	3.7	1.1	.4	.1	.0									278	278		
80/ 79		.1	2.5	5.3	3.1	1.1	.3	.1										396	396	17	
78/ 77		.8	6.2	5.4	2.1	1.0	.3	.2	.0									501	501	132	13
76/ 75		2.3	8.2	3.9	1.9	.8	.3	.1	.0									536	536	374	111
74/ 73	.1	3.7	5.7	2.1	.8	.6	.2	.0										415	415	679	378
72/ 71	.3	3.4	3.3	1.6	.9	.4	.0	.0										311	311	658	689
70/ 69	.2	1.5	2.0	1.4	.5	.3	.1											195	195	489	653
68/ 67	.2	1.1	.8	.8	.3	.3		.0										109	109	287	423
66/ 65	.1	.5	.8	.3	.3	.1		.0										65	65	188	286
64/ 63		.1	.4	.2	.0		.0											25	25	132	154
62/ 61		.2	.2	.2	.1													19	19	76	125
60/ 59		.1	.1	.1	.0	.0												10	10	50	114
58/ 57						.0												1	1	24	67
56/ 55			.0	.0	.0													3	3	7	59
54/ 53																				5	15
52/ 51																				3	16
50/ 49																				3	12
48/ 47																				1	2
46/ 45																					2
42/ 41																					3
40/ 39																					4
TOTAL	.8	14.1	30.8	25.3	16.5	8.4	2.7	1.2	.2									3125	3125		3126
																		3125		3123	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	19266163	243223	77.8	10.459	3126							
Dry Bulb	18059817	237049	75.9	5.007	3125			86.5	68.7	21.3	.0	90
Wet Bulb	15667013	220847	70.7	4.365	3125			75.9	34.6	.0		90
Dew Point	14008982	213098	68.2	5.128	3126			65.3	14.5			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
100/ 99											.1							2	2		
98/ 97										.1	.1	.0	.1					10	10		
96/ 95									.2	.2	.2	.0	.0					20	20		
94/ 93					.0	.0	.0	.6	.7	.7	.2	.0	.1					79	79		
92/ 91					.0	.0	.8	1.6	2.1	.8	.4	.1	.1	.1				188	188		
90/ 89						.5	2.0	3.5	1.9	.9	.5	.2	.1					302	302		
88/ 87				.0	.4	2.4	5.1	3.7	1.7	.6	.5	.1	.0					457	457		
86/ 85				.2	1.7	4.9	4.7	2.4	1.0	.6	.3	.1						499	499	1	
84/ 83			.0	.4	3.3	5.0	2.0	1.5	.8	.4	.2	.0						434	434	2	1
82/ 81			.1	1.2	3.8	2.6	1.9	.9	.5	.4	.2							353	353	8	1
80/ 79		.1	.5	2.5	2.7	1.6	.8	.8	.6	.1	.1							307	307	127	2
78/ 77	.0	.2	1.3	1.4	1.0	.9	.4	.4	.2	.1	.1							184	185	382	23
76/ 75		.5	.8	.7	.5	.3	.3	.2	.1	.1								112	112	747	140
74/ 73	.2	.7	.5	.5	.2	.1	.2	.1	.0	.0								81	81	751	351
72/ 71	.2	.5	.4	.2	.1	.1	.1		.2									55	55	421	683
70/ 69	.1	.2	.1	.1	.0	.0	.0	.0	.1									23	23	287	619
68/ 67	.1	.1	.1	.1			.0											10	10	176	399
66/ 65	.1	.2	.0															9	9	103	281
64/ 63			.1															3	3	67	178
62/ 61		.0																1	1	26	131
60/ 59																				14	96
58/ 57																				11	60
56/ 55																				5	67
54/ 53																				1	35
52/ 51																					25
50/ 49																					12
48/ 47																					5
46/ 45																					8
44/ 43																					8
42/ 41																					2
40/ 39																					1
38/ 37																					1
TOTAL	.4	2.5	4.0	7.4	13.8	18.6	18.5	15.7	10.2	5.1	2.7	.6	.4	.1				3129	3130		3129
																		3129		3129	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	11939180	188886	60.4	13.015	3127							
Dry Bulb	22127193	262623	83.9	5.416	3130			89.6	67.1	73.0	3.2	90
Wet Bulb	16741838	228534	73.0	4.010	3129			83.5	58.0	1.3		90
Dew Point	14561991	212741	68.0	5.589	3129			63.8	14.9	.1		90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
104/103													.0	.1	.0			4	4		
102/101												.2	.0		.1			9	9		
100/ 99										.0	.1	.2	.2	.2	.0			24	24		
98/ 97										.4	.8	.8	.2	.2		.0		79	79		
96/ 95						.0		.1	1.0	1.9	2.0	1.0	.4	.2	.2	.0		209	209		
94/ 93							.1	.5	2.2	3.8	2.4	1.2	.6	.1				337	337		
92/ 91						.1	.3	2.7	4.8	3.8	2.8	.9	.4	.1	.1			486	486		
90/ 89					.0	.4	1.3	4.3	4.3	2.6	1.3	1.1	.4	.0				489	489		
88/ 87				.0	.2	.8	3.2	3.3	2.4	1.6	1.2	.6	.1					424	424	1	
86/ 85				.1	.6	1.9	2.7	1.7	1.3	1.3	.8	.2	.0					332	332		
84/ 83			.0	.3	.8	1.7	1.2	.9	.4	.8	.4	.1						212	212		
82/ 81			.1	.4	1.2	1.0	.8	.2	.3	.5	.1	.0						144	145	18	
80/ 79		.1	.5	1.0	.9	.6	.2	.2	.1	.1	.2	.1						125	126	133	3
78/ 77		.2	.6	.6	.4	.0	.0	.1	.2	.1	.2							78	79	440	21
76/ 75		.7	.6	.4	.2	.1	.0	.1		.1								68	69	795	66
74/ 73	.1	.7	.2	.2	.1													41	41	676	241
72/ 71	.1	.4	.3	.1	.1													32	32	436	486
70/ 69	.0	.1	.2	.1	.0													13	13	273	573
68/ 67	.1	.2		.1														11	11	162	509
66/ 65	.0	.1	.1															5	5	109	356
64/ 63		.0	.0															2	2	42	251
62/ 61																				20	149
60/ 59																				10	143
58/ 57																				9	99
56/ 55																					73
54/ 53																					58
52/ 51																					47
50/ 49																					14
48/ 47																					10
46/ 45																					11
44/ 43																					6
42/ 41																					7
40/ 39																					1

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	.4	2.5	2.9	3.4	4.7	6.6	9.8	14.0	17.0	17.1	11.9	6.3	2.3	.8	.4	.1		3124	3128	3124	3124

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8915088	160714	51.4	14.395	3124							
Dry Bulb	24276685	274929	87.9	5.995	3128			89.8	88.2	81.1	19.0	90
Wet Bulb	16061214	229200	73.4	3.812	3124			84.5	59.4	2.0		90
Dew Point	13951234	207956	66.6	5.886	3124			54.7	9.5	.0		90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
104/103														.0	.1	.0		4	4		
102/101													.1	.1	.0			5	5		
100/ 99										.0	.2	.4	.3	.3				37	37		
98/ 97									.1	.7	.7	.8	.5	.1	.2	.0		98	98		
96/ 95								.0	.6	1.7	2.2	1.3	.6	.2	.1	.1		212	212		
94/ 93							.0	.4	1.7	3.0	3.1	1.7	.7	.3	.1		.0	343	343		
92/ 91							.2	1.3	3.6	3.6	2.3	1.3	.5	.2				408	408		
90/ 89					.0	.1	.9	3.0	3.4	2.2	1.7	1.0	.5	.1				407	407		
88/ 87					.2	.5	2.1	2.8	2.4	1.7	1.3	.6	.3					369	369		
86/ 85				.0	.6	1.3	2.0	1.5	1.1	.7	.8	.2	.1					262	262		
84/ 83			.0	.3	1.0	2.0	1.2	.9	.6	.8	.4							225	225		
82/ 81		.0	.2	.9	1.9	1.3	.4	.5	.2	.3	.1	.1						184	184	11	
80/ 79	.0	.1	.6	1.7	1.6	.7	.3	.3	.1	.1	.2	.2						184	184	99	3
78/ 77		.2	1.1	1.2	.8	.2	.1	.0	.1	.1	.1							116	116	338	12
76/ 75	.1	.7	1.2	.9	.5		.0	.1	.0		.0							110	113	725	67
74/ 73	.1	1.2	.7	.3	.1													74	74	703	213
72/ 71	.2	.9	.4	.0	.1	.1												51	51	544	456
70/ 69	.0	.2	.2	.0														16	16	328	530
68/ 67		.1	.1	.1														8	8	191	495
66/ 65		.0	.1															3	3	100	391
64/ 63	.0	.0																2	2	42	252
62/ 61	.0																	1	1	20	201
60/ 59																				11	164
58/ 57																				7	93
56/ 55																					70
54/ 53																					74
52/ 51																					44
50/ 49																					16
48/ 47																					15
46/ 45																					3
44/ 43																					7
42/ 41																					8
40/ 39																					3
36/ 35																					1

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

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.5	3.4	4.6	5.3	6.8	6.2	7.1	10.8	13.9	15.1	13.1	7.6	3.5	1.3	.4	.2	.0	3119	3122	3119	3120

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9531976	164368	52.7	16.704	3119							
Dry Bulb	23848276	272062	87.1	6.694	3122			89.8	87.7	76.8	20.2	90
Wet Bulb	16635507	227495	72.9	3.687	3119			84.8	54.1	1.5		90
Dew Point	13774528	206466	66.2	5.983	3120			51.2	8.5			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 YEARS | JUN 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
100/ 99													.1					2	2		
98/ 97										.1	.1		.0					7	7		
96/ 95								.0	.1	.1	.3	.1	.0					20	20		
94/ 93								.2	.4	.8	.4			.1				56	56		
92/ 91						.0	.1	1.1	.8	.9	.4	.3	.0	.0				113	113		
90/ 89						.3	.9	1.9	1.4	1.0	.4	.2	.2					195	195		
88/ 87					.1	1.1	2.1	2.2	1.3	1.0	.4	.2	.1					263	263		
86/ 85				.1	.7	2.7	2.8	2.3	1.3	.8	.5	.1						350	350		
84/ 83			.1	.4	2.0	3.6	2.3	1.7	1.1	.4	.1							365	365		
82/ 81			.3	1.6	3.2	2.6	2.0	1.2	.6	.3	.1							370	370	3	
80/ 79		.0	1.2	3.3	2.7	2.2	1.2	.7	.4	.1	.1							372	372	47	
78/ 77		.3	2.4	2.8	2.0	.9	.7	.5	.2	.1								310	310	215	14
76/ 75	.1	1.4	2.8	2.1	.6	.4	.3	.2	.1	.1								257	257	492	73
74/ 73	.2	3.0	2.1	1.1	.7	.4	.3	.0	.1	.0								246	246	735	316
72/ 71	.2	1.8	1.0	.4	.2	.1	.1	.1										119	119	647	530
70/ 69	.0	.7	.2	.4	.1	.1	.1	.1	.0									51	51	469	627
68/ 67	.1	.2	.0		.0			.1										11	11	243	475
66/ 65	.0	.0	.1				.0											7	7	144	334
64/ 63		.2																5	5	76	208
62/ 61	.0	.0																2	2	25	182
60/ 59																				14	133
58/ 57																				6	80
56/ 55																				3	58
54/ 53																				1	43
52/ 51																					22
50/ 49																					8
48/ 47																					7
46/ 45																					5
44/ 43																					3
42/ 41																					4
TOTAL	.7	7.6	10.3	12.2	12.4	14.4	12.9	12.1	7.9	5.6	2.7	.8	.4	.1				3121	3121		3122
																				3122	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13883813	200683	64.3	15.848	3122							
Dry Bulb	20816570	254206	81.5	5.977	3121			89.6	84.4	56.1	2.5	90
Wet Bulb	16170664	224384	71.9	3.745	3122			82.2	43.0	.4		90
Dew Point	14225421	210073	67.3	5.371	3122			58.7	11.6			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89						.1	.0	.1										5	5		
88/ 87					.1	.2	.4	.2		.0								27	27		
86/ 85					.6	1.3	.4	.1	.0									74	74		
84/ 83				.7	1.8	1.4	.6	.2	.1									148	148		
82/ 81		.1	.4	1.9	3.1	1.6	.8	.3										250	250		
80/ 79		.1	2.2	5.0	3.8	2.1	.8	.4	.1									446	446	14	
78/ 77		.7	4.9	5.7	3.6	1.6	.8	.3	.0									541	541	85	11
76/ 75	.1	2.4	5.9	4.9	2.3	.7	.6	.2										523	523	315	85
74/ 73	.2	5.5	5.3	2.5	.9	.5	.3	.1										468	468	646	308
72/ 71	.3	4.1	3.2	1.3	.7	.4	.1											310	310	714	630
70/ 69	.0	1.7	1.1	1.1	.5	.2												143	143	608	651
68/ 67	.0	.7	.6	.6	.1	.1	.0											65	65	311	506
66/ 65	.1	.3	.4	.3	.3	.0	.0											41	41	145	323
64/ 63		.2	.4	.1	.0	.0	.0											24	24	116	190
62/ 61		.0	.2	.0	.0	.0												9	9	66	120
60/ 59				.0														1	1	28	102
58/ 57			.0															1	1	15	62
56/ 55																				4	47
54/ 53																				3	22
52/ 51																				2	10
50/ 49																					4
48/ 47																					1
46/ 45																					1
44/ 43																					2
42/ 41																					1
TOTAL	.7	15.7	24.5	24.2	17.8	10.2	4.9	1.8	.3	.0									3076		3076
																		3076		3076	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	18446899	235609	76.6	11.400	3076							
Dry Bulb	17950293	234563	76.3	4.544	3076			87.8	72.6	21.4		90
Wet Bulb	15426995	217517	70.7	3.844	3076			78.9	31.1			90
Dew Point	14313048	209330	68.1	4.688	3076			64.1	11.8			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-71 (YEARS) JUL (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93											.0							1	1		
86/ 85						.0	.0		.0									3	3		
84/ 83				.1	.2	.0	.0											9	9		
82/ 81			.9	1.2	.5	.2	.1											89	89		
80/ 79		.5	4.4	3.5	1.0	.1												300	300		
78/ 77	.0	3.5	9.4	4.3	.0	.1		.0										565	565	77	18
76/ 75	.3	12.4	12.3	2.1	.6	.0	.0											870	870	414	181
74/ 73	.7	15.5	6.6	1.5	.5	.0	.0											784	785	998	640
72/ 71	.6	7.1	3.0	.7	.4	.1												372	372	965	1089
70/ 69	.2	1.3	1.0	.5	.3													103	103	421	645
68/ 67		.3	.4	.3	.1													33	33	132	312
66/ 65	.0	.3	.1	.0	.0													15	15	76	109
64/ 63		.0	.1	.0	.0													5	5	41	62
62/ 61																				18	44
60/ 59																				4	25
58/ 57																				3	16
56/ 55																					5
54/ 53																					2
52/ 51																					1
TOTAL	1.8	40.8	38.1	14.2	4.2	.6	.2	.0	.0		.0							3150		3149	
																		3149		3149	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	23626293	271739	86.3	7.497	3149							
Dry Bulb	17801519	236619	75.1	2.948	3150			92.4	77.4	6.9	.0	93
Wet Bulb	16366330	226856	72.0	2.731	3149			88.8	44.0			93
Dew Point	15754889	222511	70.7	3.192	3149			85.2	24.8			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81			.1		.1													4	4		
80/ 79		.3	1.4	.5	.1	.0												70	70		
78/ 77		4.1	5.5	1.3	.2	.0												353	353	28	1
76/ 75	.3	13.4	9.4	1.1	.3	.0												775	775	259	133
74/ 73	1.3	21.7	7.5	1.4	.3	.0												1019	1019	835	543
72/ 71	1.9	12.1	4.3	.4	.2	.0												598	598	1069	1076
70/ 69	.5	4.0	1.4	.7	.1													211	211	550	720
68/ 67	.0	1.1	1.0	.3		.0												80	80	232	351
66/ 65		.4	.4	.2														31	31	81	158
64/ 63		.3	.2	.1														17	17	62	71
62/ 61		.1	.1	.1														10	10	31	50
60/ 59																				13	32
58/ 57																				5	22
56/ 55																				3	6
54/ 53																					2
52/ 51																					3
TOTAL	4.0	57.4	31.3	6.0	1.1	.2												3168	3168	3168	3168

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	25362941	282761	89.3	6.283	3168							
Dry Bulb	17185537	233157	73.6	2.769	3168			91.3	65.2	.6		93
Wet Bulb	16124063	225825	71.3	2.895	3168			87.3	32.9			93
Dew Point	15049397	222415	70.2	3.294	3168			82.9	19.9			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUL (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89						.1	.0	.0										4	4		
88/ 87					.1	.3	.2	.1	.0									24	24		
86/ 85				.2	1.5	1.1	.1	.0	.0									94	94		
84/ 83			.1	1.9	3.3	1.0	.3	.1										210	210		
82/ 81		.0	1.3	5.5	2.8	.8	.3	.1										346	346		
80/ 79		.6	5.4	7.0	1.9	.3	.3											508	508	27	1
78/ 77		1.8	11.1	4.3	1.0	.3	.1	.1										602	602	262	26
76/ 75	.3	7.1	9.7	2.5	.9	.3	.1											667	667	658	282
74/ 73	.3	7.1	4.0	1.2	.3	.1	.0											416	416	1007	809
72/ 71	.2	3.3	2.0	.6	.3	.1												210	210	681	959
70/ 69	.2	1.1	.7	.3	.0	.0												78	78	315	559
68/ 67		.2	.3	.2	.1													26	26	134	259
66/ 65		.1	.1															5	5	62	137
64/ 63			.1	.1														4	4	30	69
62/ 61		.0																1	1	11	44
60/ 59																				7	28
58/ 57																				1	9
56/ 55																					8
54/ 53																					4
TOTAL	1.0	21.4	34.8	23.7	12.3	5.0	1.3	.4	.1									3195	3195		3194
																		3195		3195	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	21334377	259391	81.2	9.174	3194							
Dry Bulb	19160886	247106	77.3	3.931	3195			92.7	83.6	27.6		93
Wet Bulb	17006979	232909	72.9	2.981	3195			89.8	96.9	.1		93
Dew Point	16113792	226608	70.9	3.376	3194			84.3	32.6			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99											.0		.0					2	2		
98/ 97									.0	.1	.1	.1						11	11		
96/ 95								.1	.3	.4	.1	.1						32	32		
94/ 93							.1	.7	1.4	.6	.3	.1						100	100		
92/ 91					.0	.2	1.3	2.7	1.4	.4	.3	.1						207	207		
90/ 89					.1	1.5	4.5	4.3	1.5	.5	.2	.1						404	404		
88/ 87				.1	.8	5.4	6.1	2.0	.9	.4	.2	.0	.1					507	507		
86/ 85				.5	4.1	7.8	3.0	1.3	.7	.1	.1	.0						364	564		
84/ 83			.1	1.9	6.5	4.3	1.1	.6	.2	.2								474	474	2	
82/ 81			.4	4.7	4.0	1.1	.8	.3	.1	.1	.1							370	370	25	2
80/ 79		.1	1.5	3.7	1.3	.7	.3	.1	.2	.1								258	258	267	2
78/ 77	.1	.4	1.5	1.1	.3	.1	.1	.2	.0									121	121	838	68
76/ 75	.1	.6	.8	.4	.1	.0	.1	.0										67	67	1056	363
74/ 73	.1	.7	.4	.3														51	51	541	876
72/ 71	.1	.6	.1	.0														29	29	246	850
70/ 69	.0	.1	.0															4	4	141	481
68/ 67																				46	207
66/ 65																				23	139
64/ 63																				14	87
62/ 61																				2	41
60/ 59																					26
58/ 57																					23
56/ 55																					13
54/ 53																					5
52/ 51																					4
50/ 49																					5
48/ 47																					1
TOTAL	.4	2.5	4.9	12.7	17.3	21.1	17.3	12.3	6.8	2.8	1.4	.4	.1						3201		3201
																	3201			3201	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13715439	206123	64.4	21.759	3201							
Dry Bulb	23221244	272218	85.0	4.724	3201			93.0	92.0	82.3	4.2	93
Wet Bulb	18152953	240879	75.3	2.879	3201			91.9	79.3	3.2		93
Dew Point	16241820	227672	71.1	3.897	3201			83.0	38.1	.1		93

USAFETAC FORM 0-26-5 (OL A) 85 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 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
106/105													.0					1	1		
104/103												.0	.1		.1	.0		6	6		
102/101												.1	.1	.2	.0			10	10		
100/ 99											.2	.5	.2	.0	.1			34	34		
98/ 97									.0	.6	1.5	.7	.1	.1				97	97		
96/ 95							.1	.2	1.5	3.2	2.0	.7	.2	.0				254	254		
94/ 93						.0	.2	1.8	4.5	4.3	1.2	.5	.3					411	411		
92/ 91					.1	.2	1.3	5.0	5.2	2.3	1.0	.2	.1	.1				491	491		
90/ 89					.1	.9	4.6	7.0	2.7	1.7	.7	.1	.1					570	570		
88/ 87				.1	.3	2.9	5.6	2.4	1.1	.8	.4	.1						435	435		
86/ 85				.1	1.0	3.7	2.6	.8	.3	.2	.2	.1						290	290	1	
84/ 83			.0	.6	2.1	1.7	.3	.2	.2	.2	.1	.1						178	178	7	
82/ 81			.5	1.2	1.2	.7	.2	.1	.2	.1								137	137	41	3
80/ 79	.0	.2	1.2	1.3	.5	.1	.2	.0										109	109	319	13
78/ 77	.1	.4	1.0	.4	.1		.0											65	65	982	48
76/ 75	.0	.8	.6	.2	.1													53	53	1014	251
74/ 73	.1	.5	.5	.2														40	40	447	577
72/ 71	.2	.4	.1															20	20	225	646
70/ 69		.1																2	2	94	663
68/ 67																				41	319
66/ 65																				22	171
64/ 63																				10	117
62/ 61																					74
60/ 59																					55
58/ 57																					24
56/ 55																					19
54/ 53																					8
52/ 51																					7
50/ 49																					4
48/ 47																					4
TOTAL	.4	2.5	3.8	4.1	5.2	10.3	15.1	17.5	15.8	13.4	7.2	3.1	1.2	.4	.2	.0		3203	3203		3203
																		3203		3203	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10694589	179897	56.2	13.582	3203							
Dry Bulb	25341902	284356	88.8	5.514	3203			93.0	92.4	76.3	23.6	93
Wet Bulb	18357258	242516	75.7	2.815	3203			92.1	81.6	4.4		93
Dew Point	15794060	226508	70.1	4.242	3203			79.0	25.9	.2		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUL (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
104/103													.0		.1	.0		6	6		
102/101												.2	.1	.1	.1			13	13		
100/ 99										.0	.1	.5	.3	.2	.0			37	37		
98/ 97									.1	.2	1.2	.9	.5	.2				100	100		
96/ 95							.0	.2	1.1	2.8	2.6	1.0	.3	.2				270	270		
94/ 93						.0	.2	1.1	3.4	3.7	2.6	.5	.2	.1				361	361		
92/ 91						.1	.7	3.1	5.0	2.1	1.2	.2	.1	.1				405	405		
90/ 89					.1	.4	2.4	4.4	2.3	1.5	.7	.3						389	389		
88/ 87					.2	1.8	4.1	2.2	1.2	.7	.2	.1						336	336		
86/ 85				.1	1.6	3.2	2.3	.7	.5	.2	.2	.0						282	282		
84/ 83			.1	.9	2.8	2.3	.8	.2	.1	.1	.2							239	239	2	
82/ 81	.0	.0	.3	2.6	2.1	.9	.2	.3	.1		.1							224	224	31	1
80/ 79	.0	.2	1.7	2.1	.9	.2	.1	.0										170	170	207	4
78/ 77	.0	.8	2.1	1.0	.2	.0	.1											137	137	773	49
76/ 75	.1	1.7	1.5	.2	.1	.0												118	118	1048	197
74/ 73	.3	1.2	.7	.1														75	75	642	571
72/ 71	.2	.7	.3	.1														41	41	300	759
70/ 69	.1	.1	.0															6	6	131	682
68/ 67	.0																	1	1	52	370
66/ 65																				18	208
64/ 63																				6	161
62/ 61																					83
60/ 59																					53
58/ 57																					36
56/ 55																					14
54/ 53																					11
52/ 51																					6
50/ 49																					4
TOTAL	.8	4.8	7.0	7.3	7.9	8.9	10.8	12.3	13.8	11.3	8.6	3.8	1.6	.8	.2	.0		3210	3210	3210	3209

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11880322	188012	58.6	16.420	3209							
Dry Bulb	24049331	280499	87.4	6.570	3210			93.0	91.6	80.0	22.8	93
Wet Bulb	18109582	240944	75.1	2.747	3210			92.3	78.3	2.7		93
Dew Point	15661252	223770	69.7	4.227	3209			76.3	23.8	.1		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
100/ 99													.0	.0				2	2		
98/ 97											.1	.0						3	3		
96/ 95									.1	.3	.3	.0	.0					23	23		
94/ 93								.2	.4	.5	.2	.1	.0					45	45		
92/ 91							.4	.9	1.0	.7	.3	.1		.1				112	112		
90/ 89					.1	.3	1.5	2.8	1.5	.4	.1							203	203		
88/ 87				.0	.3	1.9	3.2	2.4	.8	.3	.1	.0						291	291		
86/ 85				.4	1.9	4.9	2.7	1.3	.5	.2	.0							380	380		
84/ 83			.1	1.5	4.3	3.8	1.4	.7	.1	.2								385	385		
82/ 81		.1	.7	4.2	4.2	1.5	.8	.2	.3									383	383	5	
80/ 79		.2	3.1	6.3	2.8	1.0	.4	.2										449	449	93	3
78/ 77		1.2	6.1	2.6	.8	.4	.1	.1	.0									362	362	395	46
76/ 75	.1	3.8	4.1	.8	.3	.1	.1	.0										296	296	981	202
74/ 73	.2	2.8	1.2	.4	.0	.1	.1											151	151	926	731
72/ 71	.4	1.9	.6	.2	.0	.0	.0											103	103	499	947
70/ 69		.1	.1			.0												7	7	191	586
68/ 67	.0	.0																2	2	64	308
66/ 65																				32	170
64/ 63																				5	91
62/ 61																				6	42
60/ 59																					40
58/ 57																					12
56/ 55																					11
54/ 53																					6
52/ 51																					1
50/ 49																					1
TOTAL	.7	10.1	15.9	16.4	14.7	14.2	10.7	8.4	4.8	2.4	1.1	.3	.1	.1				3197	3197	3197	3197

Element (X)	ΣX^1	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	16457259	224621	70.3	14.486	3196							
Dry Bulb	21545387	261885	81.9	5.390	3197			93.0	89.7	60.8	2.1	93
Wet Bulb	17530128	236582	74.0	2.669	3197			91.7	69.8	.7		93
Dew Point	15966980	225640	70.6	3.608	3197			82.1	28.6			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (YEARS) JUL (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93									.0									1	1		
92/ 91									.0									1	1		
90/ 89							.0		.0									2	2		
88/ 87						.2	.3	.1	.1			.0						20	20		
86/ 85				.1	.9	1.0	.6	.2										91	91		
84/ 83			.2	1.5	2.9	1.6	.5	.1										217	217		
82/ 81			1.3	4.6	3.2	1.0	.3	.1		.0								332	332	1	
80/ 79		.4	4.6	6.9	2.8	.7	.2	.0	.1									502	502	19	1
78/ 77		2.4	11.9	5.1	1.8	.5	.2	.0										692	692	185	37
76/ 75	.3	8.5	9.6	2.8	.7	.3	.1											708	708	654	213
74/ 73	.4	6.1	3.3	1.0	.4	.1	.1											360	360	1116	775
72/ 71	.3	3.4	1.6	.3	.4	.0												192	192	717	1026
70/ 69	.0	.4	.4	.2	.1	.0												35	35	304	578
68/ 67		.1	.1	.0	.0	.0												8	8	90	282
66/ 65		.0	.0	.0														3	3	49	123
64/ 63																				19	54
62/ 61																				7	32
60/ 59																				2	23
58/ 57																				1	13
56/ 55																					4
54/ 53																					3
TOTAL	1.1	21.3	33.0	22.7	13.3	5.5	2.2	.5	.2	.0		.0						3164		3164	
																	3164		3164		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	20945577	255537	80.8	9.906	3164							
Dry Bulb	19082851	245449	77.6	3.645	3164			92.9	86.0	26.9	.0	93
Wet Bulb	16872849	230901	73.0	2.653	3164			90.7	58.1	.1		93
Dew Point	15964927	224527	71.0	3.171	3164			85.6	30.2	.0		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-70 (YEARS) AUG (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
84/ 83				.1	.2	.0												10	10		
82/ 81			.6	.8	.6	.2	.0											70	70		
80/ 79		.8	3.7	3.6	1.1	.2	.0											287	287		
78/ 77		4.5	10.2	3.6	.7	.3	.1											591	591	77	11
76/ 75	.3	12.7	11.5	2.1	.6	.4	.0	.0										848	848	411	189
74/ 73	.9	15.0	4.9	1.2	.4	.3												697	697	1006	663
72/ 71	.9	5.7	2.6	1.0	.2	.1												321	321	856	1024
70/ 69	.1	1.7	1.7	.7	.2													135	135	329	579
68/ 67	.1	.8	1.1	.2	.0													69	69	177	227
66/ 65		.3	.6	.1														30	30	118	150
64/ 63		.1	.2	.0														8	8	61	90
62/ 61			.1															3	3	25	69
60/ 59																				6	43
58/ 57																				3	15
56/ 55																					8
54/ 53																					1
TOTAL	2.3	41.5	37.1	13.4	4.0	1.4	.2	.0										3069	3069		3069
																		3069		3069	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	23018432	264730	86.3	7.723	3069							
Dry Bulb	17278402	230074	75.0	3.149	3069			91.8	75.8	5.9		93
Wet Bulb	15896476	220680	71.9	3.033	3069			86.5	45.3			93
Dew Point	15289751	216353	70.5	3.504	3069			81.6	26.2			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-70,72 YEARS | AUG MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83					.0													1	1		
82/ 81			.0	.1	.0													6	6		
80/ 79		.2	.8	.5	.1													54	54		
78/ 77		3.5	5.0	.8	.2	.0												292	292	18	8
76/ 75	.2	14.6	8.9	1.5	.2	.1												788	788	240	122
74/ 73	.9	22.4	5.6	.5	.3	.2												927	927	803	526
72/ 71	1.5	13.0	2.9	.8	.5													578	578	1042	1029
70/ 69	.6	3.6	1.9	.6	.1													217	217	480	708
68/ 67	.2	1.7	1.9	.2	.0													125	125	198	263
66/ 65	.1	1.2	.8	.0	.1													68	68	141	154
64/ 63	.1	.3	.5															25	25	114	103
62/ 61		.1	.4	.0														15	15	32	102
60/ 59			.1															3	3	20	50
58/ 57																				8	20
56/ 55																				3	5
54/ 53																					7
52/ 51																					2
TOTAL	3.5	60.5	28.8	5.4	1.5	.3												3099	3099		3099
																		3099		3099	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	24873056	276926	89.4	6.403	3099							
Dry Bulb	16676737	227137	73.3	3.062	3099			89.7	62.1	.5		93
Wet Bulb	15659711	220069	71.0	3.212	3099			83.5	31.8			93
Dew Point	15203743	216771	69.9	3.633	3099			79.7	19.7			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION — MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME — 37-41,43-70,72 YEARS — AUG MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89							.0	.1		.0								4	4		
88/ 87						.3	.1	.0	.0									14	14		
86/ 85				.1	1.1	.7	.1	.0										66	66		
84/ 83			.1	1.5	2.4	1.0	.2	.0	.0									168	168		
82/ 81		.1	1.2	4.8	2.6	.6	.0	.1										297	297		
80/ 79	.0	.4	5.1	6.4	1.3	.6	.3	.1										445	445	19	
78/ 77		2.3	9.4	4.1	1.2	.4	.1											552	552	194	31
76/ 75	.1	7.9	9.8	2.4	.9	.3	.1											679	679	626	212
74/ 73	.3	7.8	5.4	1.2	.8	.1	.1											494	494	931	750
72/ 71	.4	3.9	1.7	.7	.6		.0											234	234	678	961
70/ 69	.2	1.1	1.3	.6	.3	.1												112	112	347	537
68/ 67	.0	.4	.9	.3	.0													53	53	150	247
66/ 65	.0	.5	.2	.1	.0													27	27	110	154
64/ 63		.0	.2	.1														9	9	70	107
62/ 61		.0	.1															4	4	17	77
60/ 59			.0															1	1	12	52
58/ 57																				4	14
56/ 55																				1	11
54/ 53																					5
52/ 51																					1
TOTAL	1.1	24.4	35.5	22.2	11.3	4.2	.9	.3	.1	.0								3159		3159	
																		3159		3159	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	21470241	258847	81.9	9.081	3159							
Dry Bulb	18585286	241954	76.6	4.118	3159			91.8	80.0	22.3		93
Wet Bulb	16583270	228636	72.4	3.353	3159			86.7	52.1	.1		93
Dew Point	15742933	222691	70.5	3.755	3159			80.6	29.2			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-70,72 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
100/ 99												.1						2	2		
98/ 97											.1	.0						4	4		
96/ 95								.1	.3	.3	.3	.1	.1					37	37		
94/ 93						.0	.1	.7	1.1	.7	.3	.1						96	96		
92/ 91						.2	1.1	2.4	1.8	.5	.3	.1						198	198		
90/ 89					.1	1.3	4.8	4.2	2.2	.5	.1	.1						420	420		
88/ 87					.8	4.6	6.3	2.2	.8	.3	.2	.1						490	490		
86/ 85				.4	3.9	8.2	2.9	1.5	.7	.3	.1							566	566		
84/ 83			.2	1.6	5.8	4.1	1.6	.8	.3	.1	.0							460	460	1	
82/ 81		.0	.8	3.5	3.7	1.2	1.0	.4	.3	.1	.0							350	350	18	
80/ 79	.0	.2	1.7	2.7	1.6	.9	.3	.3	.0	.0								245	245	246	5
78/ 77		.4	1.6	.9	.4	.3	.2	.1	.0									128	128	758	68
76/ 75	.0	1.0	.9	.5	.3	.2	.1	.1										95	95	1033	330
74/ 73	.1	.4	.4	.1	.1	.1	.1											40	40	572	788
72/ 71	.0	.3	.1	.1														18	18	260	792
70/ 69		.0	.2	.0														7	7	148	502
68/ 67		.1	.0															3	3	70	265
66/ 65																				39	143
64/ 63																				9	113
62/ 61																				5	60
60/ 59																					46
58/ 57																					21
56/ 55																					13
54/ 53																					8
52/ 51																					4
50/ 49																					1
TOTAL	.2	2.5	5.8	10.0	16.7	21.3	18.5	12.6	7.6	2.9	1.3	.5	.1					3159	3159		3159
																				3159	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13255735	201223	63.7	11.779	3159							
Dry Bulb	22889638	268484	85.0	4.746	3159			93.0	92.2	81.2	4.1	93
Wet Bulb	17802327	236953	75.0	3.017	3159			91.4	77.4	2.9		93
Dew Point	15872304	223554	70.8	4.057	3159			81.0	35.1	.0		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-70,72 (YEARS) AUG (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
104/103														.0	.0			2	2		
102/101												.0	.1	.1		.0	.0	9	9		
100/ 99											.2	.2	.3	.3				30	30		
98/ 97							.0	.0	.2	.8	1.2	.9	.6		.0			118	118		
96/ 95								.2	1.5	2.3	1.9	.8	.3	.0				223	223		
94/ 93						.0	.3	1.8	4.2	4.5	1.9	.6	.3					429	429		
92/ 91					.0	.1	1.4	5.1	5.6	3.7	1.3	.7	.3	.1				572	572		
90/ 89					.0	.9	4.3	6.0	2.8	1.9	.9	.4	.1					547	547		
88/ 87					.4	2.3	4.6	2.1	1.7	.9	.3	.2						397	397		
86/ 85				.2	1.1	3.7	2.0	1.2	.9	.4	.2	.0						308	308	1	
84/ 83			.1	.9	1.5	1.7	.6	.6	.3	.2	.1							203	203	4	
82/ 81			.2	.9	1.0	.3	.1	.3	.1		.0							91	91	39	1
80/ 79		.1	.8	.9	.3	.2	.1	.1	.0	.0								80	80	304	6
78/ 77	.0	.4	.7	.4	.2		.1											60	60	822	45
76/ 75	.0	.7	.4	.3	.0	.0												44	44	1009	200
74/ 73	.1	.5	.1	.1														27	27	482	530
72/ 71	.2	.1	.2	.0														14	14	259	718
70/ 69		.1	.0															3	3	145	591
68/ 67		.0																1	1	63	393
66/ 65																				25	243
64/ 63																				3	154
62/ 61																				2	104
60/ 59																					76
58/ 57																					48
56/ 55																					26
54/ 53																					16
52/ 51																					2
50/ 49																					5
TOTAL	.3	1.9	2.4	3.7	5.0	9.2	13.5	17.4	17.5	14.8	8.0	3.8	1.9	.5	.1	.0	.0	3158	3158		3158
																		3158		3158	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9861850	171542	54.3	13.124	3158							
Dry Bulb	25150185	281343	89.1	5.208	3158			93.0	92.5	87.6	23.9	93
Wet Bulb	17949164	237900	75.3	2.955	3158			92.1	78.4	4.3		93
Dew Point	15264174	219084	69.4	4.551	3158			73.2	23.0	.0		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-70,72 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	2 - 26	27 - 28	29 - 30	≥ 31				
104/103														.0				1	1		
102/101												.0	.1	.1			.0	7	7		
100/ 99										.0	.1	.5	.3	.3	.1			40	40		
98/ 97									.1	.4	.9	.8	.3	.0	.1			85	85		
96/ 95							.0	.1	1.0	2.1	1.9	1.2	.4	.1	.0			216	216		
94/ 93							.1	1.1	2.6	4.2	2.6	.8	.3	.1	.0			373	373		
92/ 91						.1	.8	3.0	5.4	3.6	1.7	1.0	.1	.1				496	496		
90/ 89						.6	2.7	5.0	2.9	1.8	1.2	.3	.1					460	460		
88/ 87					.4	1.8	4.9	2.2	1.4	1.1	.5	.1						392	392		
86/ 85				.1	1.4	3.1	2.1	.7	1.3	.5	.3	.0						301	301		
84/ 83			.1	.9	2.3	2.1	.5	.4	.3	.1								211	211	1	
82/ 81			.3	1.7	1.7	.5	.3	.3	.1	.1								159	159	25	
80/ 79		.1	1.1	1.9	.7	.3	.1	.0	.1									134	134	209	3
78/ 77		.6	1.6	.6	.3	.0	.0		.0									102	102	643	33
76/ 75	.1	1.4	1.1	.4	.1													98	98	1051	183
74/ 73	.3	.9	.5	.0	.0													55	55	636	496
72/ 71	.2	.2	.2	.1														20	20	307	657
70/ 69	.0	.0																2	2	188	606
68/ 67																				67	424
66/ 65																				19	247
64/ 63																				7	189
62/ 61																					133
60/ 59																					76
58/ 57																					48
56/ 55																					33
54/ 53																					15
52/ 51																					8
50/ 49																					2
TOTAL	.6	3.2	4.9	5.7	6.9	8.5	11.5	12.9	15.3	14.0	9.2	4.7	1.7	.6	.2		.0	3152	3152		3153
																				3153	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10014711	176311	55.9	15.484	3153							
Dry Bulb	24510620	277324	88.0	5.927	3152			93.0	92.4	83.2	21.3	93
Wet Bulb	17673629	235889	74.8	2.861	3153			92.2	75.7	2.7		93
Dew Point	15088960	217632	69.0	4.616	3153			70.8	21.1			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-70,72 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
98/ 97											.1	.1						4	4		
96/ 95									.0	.0	.0	.1						5	5		
94/ 93								.1	.4	.3	.4	.0						37	37		
92/ 91						.0	.3	.5	.9	.7	.1	.0						80	80		
90/ 89					.0	.3	1.3	2.2	1.4	.4	.1							180	180		
88/ 87					.5	2.0	2.9	2.2	.9	.3	.1	.0						284	284		
86/ 85			.0	.4	1.8	4.5	3.4	1.6	.9	.1								398	398		
84/ 83			.1	2.2	3.5	4.2	1.3	1.2	.4	.2	.0							414	414		
82/ 81		.1	1.4	4.4	5.0	2.3	1.1	.6	.3	.1								483	483	3	
80/ 79		.3	2.7	6.2	2.6	1.0	.6	.3	.0									433	433	91	4
78/ 77	.0	1.2	4.8	3.2	1.0	.5	.3	.0	.0									346	346	412	51
76/ 75	.1	2.8	3.6	.9	.4	.3	.2	.1										263	263	869	255
74/ 73	.6	2.6	.9	.5	.1	.1	.0											151	151	952	632
72/ 71	.3	.6	.3	.3	.1	.0	.0											53	53	447	862
70/ 69	.1	.2	.3		.0	.0												19	19	203	570
68/ 67	.1	.0		.0														5	5	115	297
66/ 65		.0																1	1	45	193
64/ 63																				15	132
62/ 61																				3	71
60/ 59																				1	46
58/ 57																					26
56/ 55																					9
54/ 53																					7
52/ 51																					1
TOTAL	1.1	7.9	14.1	18.2	15.1	15.1	11.4	8.7	5.2	2.1	.9	.2						3156	3156		3156
																				3156	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15895695	219569	69.6	14.017	3156							
Dry Bulb	21228765	258353	81.9	5.028	3156			93.0	90.7	63.1	1.4	93
Wet Bulb	17222694	232962	73.8	2.896	3156			91.1	68.6	.8		93
Dew Point	15644778	221854	70.3	3.955	3156			78.7	27.8	.0		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-70,72 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89							.1	.1										4	4		
88/ 87						.2	.2	.1										16	16		
86/ 85				.2	.5	.6	.3	.2										53	53		
84/ 83			.3	1.1	2.3	2.0	.6	.1										196	196		
82/ 81			1.6	4.4	3.6	1.2	.6	.1										355	355		
80/ 79		1.0	6.2	7.3	3.0	1.0	.6	.1	.0									592	592	20	1
78/ 77		3.0	10.4	5.5	1.3	.6	.4	.0										658	658	182	43
76/ 75	.1	7.9	7.9	2.8	.7	.5	.1	.0										621	621	670	255
74/ 73	.6	5.9	2.9	1.5	.5	.1	.1											360	360	1077	708
72/ 71	.7	1.7	1.6	.5	.3	.0	.0	.0										152	152	611	942
70/ 69	.1	.5	.7	.4	.1													54	54	252	534
68/ 67		.3	.3	.1	.2													26	26	163	250
66/ 65	.0	.1	.1	.1														9	9	73	155
64/ 63				.0														1	1	31	90
62/ 61																				10	61
60/ 59																				7	35
58/ 57																				1	9
56/ 55																					10
54/ 53																					3
52/ 49																					1
TOTAL	1.5	20.4	31.9	23.7	12.3	6.3	3.0	.7	.0									3097	3097		3097
																		3097		3097	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	20292458	248710	80.3	10.157	3097							
Dry Bulb	18650938	240072	77.5	3.645	3097			92.7	85.7	28.0		93
Wet Bulb	16448080	225514	72.8	2.945	3097			89.3	58.5	.0		93
Dew Point	15532866	219046	70.7	3.598	3097			82.1	30.2			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION — MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME — 37-58,60-71 YEARS — SEP MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81			.0	.1	.1	.0		.1										9	9		
80/ 79			.7	.6	.6	.3	.1	.0										72	72		
78/ 77		.9	3.1	1.9	.7	.2	.0	.0										215	215	2	2
76/ 75	.1	5.8	6.7	2.3	.6	.3												495	495	88	34
74/ 73	.6	8.7	5.9	1.6	.6	.3	.1											564	564	423	216
72/ 71	.9	6.5	4.5	1.5	.6	.1	.0											443	443	636	555
70/ 69	.3	4.1	3.3	2.0	.7	.5	.1											351	351	445	474
68/ 67	.3	3.7	3.8	1.1	.7	.5	.1											310	310	323	388
66/ 65	.3	2.8	1.9	1.4	.6	.2	.0											229	229	334	285
64/ 63	.0	2.1	1.6	.9	.3	.1												158	158	242	289
62/ 61		1.2	1.3	.4	.2	.1												100	100	188	204
60/ 59	.2	1.0	1.0	.4	.3	.0												91	91	155	187
58/ 57	.0	.5	.5	.1	.1	.0												39	39	133	135
56/ 55	.0	.4	.6	.1	.1													36	36	68	121
54/ 53		.1	.1	.1	.0													10	10	41	94
52/ 51		.1	.2	.1														14	14	32	46
50/ 49		.0																1	1	8	43
48/ 47		.0	.0															2	2	18	24
46/ 45		.1	.0															3	3	2	18
44/ 43		.1																2	2	4	12
42/ 41																				2	6
40/ 39																					8
38/ 37																					3
TOTAL	2.8	38.3	34.9	14.7	6.1	2.6	.3	.1											3144		3144
																		3144		3144	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	22626881	264911	84.3	9.862	3144							
Dry Bulb	15691603	221423	70.4	5.567	3144			70.4	38.8	.9		90
Wet Bulb	14268161	210999	67.1	5.853	3144			54.9	14.7			90
Dew Point	13546593	205279	65.3	6.756	3144			47.8	7.2			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 YEARS | SEP MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79			.0	.1	.1		.0											7	7		
78/ 77		.3	.8	.5	.2													57	57		
76/ 75	.2	4.4	4.4	.8	.1	.1												315	315	34	7
74/ 73	.6	11.3	4.1	.8	.3													543	543	277	153
72/ 71	1.7	8.6	4.6	.7	.5													510	511	628	515
70/ 69	1.2	7.0	4.2	1.3	.3	.1												445	447	451	502
68/ 67	.5	4.6	3.8	.6	.6	.1												321	321	370	410
66/ 65	.6	3.9	2.4	1.2	.5	.1												274	274	335	270
64/ 63	.5	3.4	2.0	.8	.3	.0												222	222	268	297
62/ 61	.1	3.0	1.5	.5	.3	.0												173	173	209	246
60/ 59	.1	1.6	1.1	.6	.1	.0												113	113	203	182
58/ 57	.2	.8	.7	.2	.1	.0	.0											63	63	141	168
56/ 55	.1	1.0	.5	.3	.1													61	63	84	124
54/ 53	.1	.5	.3	.1														31	31	78	99
52/ 51		.2	.1	.1	.1													14	14	35	68
50/ 49		.2	.1	.1														11	11	27	43
48/ 47		.1	.1															7	7	14	35
46/ 45		.0																1	1	9	20
44/ 43	.0	.1	.0															5	5	7	13
42/ 41																				2	7
40/ 39																				1	7
38/ 37																					5
36/ 35																					1
34/ 33																					1
TOTAL	5.9	50.9	30.8	8.6	3.3	.4	.1											3173	3176	3173	3173

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	24500808	277506	87.5	8.525	3173							
Dry Bulb	15051127	217881	68.6	5.723	3176			62.4	26.1	.1		90
Wet Bulb	13967861	209633	66.1	6.096	3173			49.9	8.8			90
Dew Point	13407435	205105	64.6	6.861	3173			45.0	4.5			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (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
88/ 87							.0												1	1		
86/ 85					.1	.1	.1												11	11		
84/ 83			.1	.3	.7	.1		.0											38	38		
82/ 81			.1	1.1	.8	.5	.1	.0											82	82		
80/ 79		.0	1.6	2.7	1.4	.5	.1												195	195	3	
78/ 77		.9	4.2	2.1	.9	.4	.1	.0											267	267	26	3
76/ 75		3.8	5.3	2.5	1.1	.6	.2	.0	.0										422	422	191	38
74/ 73	.3	6.3	4.7	1.8	.8	.4	.1	.1											458	458	432	280
72/ 71	.7	4.6	4.1	1.9	1.1	.4	.1	.0											407	410	515	489
70/ 69	.5	3.7	4.1	1.9	.9	.4	.2	.0											366	367	433	436
68/ 67	.3	2.4	2.6	1.4	.7	.3	.2	.0											246	246	336	399
66/ 65	.3	2.1	2.1	1.1	.6	.4	.1												210	210	305	270
64/ 63	.2	1.5	1.3	1.1	.4	.3	.0	.0											151	151	231	279
62/ 61	.1	1.4	1.0	.5	.4		.0												108	108	186	229
60/ 59	.0	.8	.6	.5	.3	.1	.0												74	74	163	162
58/ 57		.6	.5	.1	.1														42	42	119	151
56/ 55		.4	.3	.2	.1	.1													30	30	82	108
54/ 53	.0	.3	.1	.0															14	14	58	88
52/ 51		.1	.1	.1	.0														10	10	25	69
50/ 49		.0	.0	.0															3	3	16	50
48/ 47		.1	.0																3	3	7	40
46/ 45		.0																	1	1	8	22
44/ 43	.0	.0																	2	2	4	5
42/ 41		.0																	1	1	1	10
40/ 39																					1	8
38/ 37																						2
36/ 35																						4
TOTAL	2.5	29.1	32.7	19.2	10.4	4.3	1.4	.3	.0											3236		3232
																			3142		3232	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	218533537	263461	81.5	10.804	3232							
Dry Bulb	16568285	230473	71.3	6.148	3236			71.4	42.1	6.2		90
Wet Bulb	14759185	217517	67.3	6.096	3232			55.6	18.4			90
Dew Point	13865120	210470	65.1	7.019	3232			47.2	9.0			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		D - Bulb	Wet Bulb	Dew Point
96/ 95									.0			.0	.0					3	3		
94/ 93									.3	.3	.2	.1	.0	.0				32	32		
92/ 91							.1	.6	.9	.4	.2	.0	.0					72	72		
90/ 89						.2	1.2	2.2	1.0	.7	.2	.1	.0					179	179		
88/ 87					.1	1.7	2.8	1.7	1.1	.6	.3	.1						270	270		
86/ 85			.0	.1	1.2	4.1	2.7	1.5	.7	.4	.3	.1						357	357		
84/ 83			.0	.7	3.4	2.9	2.4	1.2	.8	.5	.2	.0						395	395		
82/ 81			.2	2.2	3.5	2.4	1.7	1.3	.9	.4	.3							419	419	2	1
80/ 79			.9	2.7	2.3	1.9	1.9	.7	.6	.3	.1							369	369	30	1
78/ 77		.2	1.5	1.9	1.4	1.1	1.4	.7	.4	.2	.1							288	288	282	5
76/ 75		.7	1.4	1.5	1.2	1.2	.8	.4	.3	.2								259	259	582	90
74/ 73	.1	.6	1.3	.9	.9	.6	.7	.4	.2	.1								195	195	556	323
72/ 71	.0	.6	.4	.5	.6	.6	.5	.4	.2	.0								123	123	454	540
70/ 69	.1	.2	.4	.6	.6	.7	.3	.2	.1									101	101	329	450
68/ 67	.0	.3	.3	.2	.2	.2	.2	.2										55	55	275	372
66/ 65	.1	.7	.3	.1	.1	.2	.2	.1										55	55	223	290
64/ 63	.1	.1	.1	.1	.1	.0	.1	.0										17	17	179	241
62/ 61		.3		.0	.1	.0	.1	.0										18	18	104	219
60/ 59		.0	.2		.0	.1												12	12	84	155
58/ 57		.0	.0			.0												3	3	71	134
56/ 55		.0	.0															2	2	22	93
54/ 53			.0	.0															2	17	89
52/ 51																				9	55
50/ 49																				4	54
48/ 47																				3	41
46/ 45																					28
44/ 43																					15
42/ 41																					15
40/ 39																					13
38/ 37																					1
36/ 35																					1
TOTAL	.4	3.9	7.2	11.6	15.7	18.3	17.1	11.6	7.7	4.2	1.8	.4	.1	.0					3226		3226
																		3226		3226	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13155020	200886	62.3	14.109	3225							
Dry Bulb	20957361	259157	80.3	6.548	3226			87.0	79.2	54.0	1.0	90
Wet Bulb	16139063	227473	70.5	5.552	3226			70.0	40.5	.1		90
Dew Point	14018568	211330	65.5	7.360	3226			49.7	11.7	.0		90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 27-72 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
100/ 99												.0	.0		.0			3	3		
98/ 97										.0	.1	.2	.4	.1	.1			31	31		
96/ 95									.1	.5	1.1	.6	.2	.2	.0			87	87		
94/ 93								.1	1.1	1.9	1.0	.9	.4	.2	.0			182	183		
92/ 91							.2	1.8	3.1	2.6	1.1	.7	.3	.2				324	324		
90/ 89						.2	1.4	3.8	3.4	1.9	1.2	.6	.4	.1				422	422		
88/ 87					.0	1.0	3.3	2.4	2.2	2.0	1.1	.8	.2	.1				422	422		
86/ 85				.0	.6	2.2	2.8	3.1	1.9	1.1	1.1	.4	.0					428	428		
84/ 83			.0	.1	1.2	1.5	1.9	.9	1.4	1.3	.9	.2	.1					304	304		
82/ 81			.1	.7	1.3	1.3	1.0	1.1	1.0	.5	.5	.2						248	248		
80/ 79		.1	.6	.8	1.1	1.3	.7	.6	.5	.6	.4	.1						224	224	33	
78/ 77	.0	.2	.4	.8	.5	.6	.8	.5	.5	.6	.2	.0						169	169	303	6
76/ 75	.0	1.0	.7	.4	.3	.3	.4	.4	.4	.3								134	134	659	57
74/ 73	.1	.5	.7	.3	.4	.2	.2	.2	.3	.1								94	94	583	201
72/ 71	.1	.1	.1	.2	.2	.1	.1	.1	.1	.0								34	34	456	397
70/ 69	.1	.2	.2	.1	.2	.1	.0	.2	.0									32	32	350	459
68/ 67	.1	.6	.2	.1	.1		.0	.0	.0									35	35	273	424
66/ 65	.1	.4	.1	.0	.0		.0	.0	.0									24	24	221	370
64/ 63	.1	.2	.1		.0			.0										13	13	134	242
62/ 61	.0	.2	.2		.0			.0										14	14	91	229
60/ 59			.1	.1														4	4	64	194
58/ 57			.0															1	1	36	157
56/ 55			.1															2	2	16	103
54/ 53		.0																1	1	6	117
52/ 51																				4	69
50/ 49																				3	67
48/ 47																					49
46/ 45																					42
44/ 43																					22
42/ 41																					11
40/ 39																					5
38/ 37																					3
36/ 35																					3

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.6	3.4	3.5	3.7	6.0	8.7	12.7	15.3	16.1	13.3	8.8	4.8	2.2	.9	.2			3232	3233	3232	3232

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9798514	170616	52.8	5.654	3232							
Dry Bulb	23366874	273968	84.7	6.824	3233			88.4	85.5	72.2	8.5	90
Wet Bulb	16466110	230120	71.2	5.021	3232			74.0	43.9	.3		90
Dew Point	13550079	207913	64.3	7.362	3232			43.0	7.4			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
100/ 99													.1	.1				5	5		
98/ 97											.2	.3	.3	.1	.1			32	32		
96/ 95									.0	.3	.8	.6	.3	.3	.0			78	78		
94/ 93								.0	1.0	1.2	1.2	.6	.5	.2		.0		155	156		
92/ 91							.0	.9	2.5	2.2	1.4	.7	.3	.1	.0			264	264		
90/ 89					.0	.0	.6	2.4	3.1	1.9	1.1	1.0	.5	.0	.0			347	347		
88/ 87					.1	.3	2.5	2.3	2.7	1.6	1.0	.5	.2	.1				360	360		
86/ 85					.3	1.7	2.3	2.8	1.8	1.5	1.2	.4	.1	.1				392	392		
84/ 83			.0	.3	1.4	2.4	1.9	1.4	1.3	1.1	.6	.3		.0				346	346		
82/ 81		.0	.2	.8	1.4	1.3	1.3	1.2	1.1	.6	.5	.1						275	275	1	
80/ 79		.3	.6	1.2	1.2	1.5	1.2	.9	.9	.7	.4	.1						290	290	14	1
78/ 77		.6	1.5	.6	.8	.6	.6	.6	.4	.3	.2	.1						204	204	201	10
76/ 75	.1	1.5	1.1	.5	.6	.4	.4	.2	.6	.3	.1							185	185	580	51
74/ 73	.1	.8	.5	.3	.4	.2	.2	.2	.2	.2	.0							105	105	644	183
72/ 71	.1	.5	.2	.4	.1	.2	.2	.2	.1									64	64	506	382
70/ 69		.2	.3	.1	.2	.0	.1	.1	.1									36	36	382	418
68/ 67	.1	.6	.2	.0		.0	.0	.1										32	32	311	405
66/ 65	.1	.4	.2	.0			.1	.0	.0									28	28	232	385
64/ 63		.2	.1	.1	.0	.0												13	13	135	274
62/ 61	.0	.1	.1	.0	.0		.0											10	10	86	237
60/ 59	.1	.0	.1	.0	.0													7	7	64	210
58/ 57																				41	162
56/ 55				.1														3	3	19	143
54/ 53																				9	100
52/ 51																				4	73
50/ 49																				2	55
48/ 47																					55
46/ 45																					31
44/ 43																					24
42/ 41																					12
40/ 39																					11
38/ 37																					2
36/ 35																					5
34/ 33																					1

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	.4	5.3	5.0	4.6	6.6	8.7	11.5	13.3	15.8	12.2	8.5	4.8	2.2	.9	.2	.0		3231	3232	3231	3231

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10439050	175096	54.2	17.127	3230			88.3	84.6	67.4	7.5	90
Dry Bulb	22851991	270847	83.8	6.916	3232			73.5	40.1	.1		90
Wet Bulb	16263401	228687	70.8	4.808	3231			40.4	6.8	.0		90
Dew Point	13438390	207002	64.1	7.388	3231							

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
94/ 93										.1		.1						5	5		
92/ 91								.0	.2	.0	.1	.0						12	12		
90/ 89							.1	.5	.4	.2	.2	.1						47	47		
88/ 87						.2	1.1	1.0	.5	.3	.2	.0						103	103		
86/ 85					.3	1.7	2.0	1.3	.6	.3	.1	.0						206	206		
84/ 83				.2	2.0	2.5	1.6	.8	.6	.2	.1	.0						260	260		
82/ 81			.1	1.8	2.9	2.2	1.7	.6	.6	.2		.0						326	326		
80/ 79		.2	1.3	3.4	3.2	2.6	1.0	.6	.2	.1	.0							411	411	3	1
78/ 77		1.1	3.1	3.2	2.4	1.4	1.3	.6	.1		.0							428	428	61	5
76/ 75	.1	2.6	3.0	2.6	2.0	1.5	1.0	.4	.1									431	431	395	57
74/ 73	.3	2.5	1.5	1.8	1.7	1.1	.7	.3	.1	.0								327	327	641	282
72/ 71	.2	1.2	1.9	1.6	1.4	.7	.5	.2	.1									254	254	552	494
70/ 69	.0	.8	1.4	1.1	1.0	.4	.4	.2										171	171	432	460
68/ 67		.4	.3	.5	.4	.1	.3	.0										66	66	328	420
66/ 65	.3	.6	.4	.4	.2	.4	.2	.0										81	81	315	336
64/ 63	.1	.3	.4	.2	.2	.2	.0											45	45	173	278
62/ 61	.0	.1	.1	.2	.1	.1	.0											22	22	128	227
60/ 59	.1	.2	.1	.0	.1	.1												20	20	77	211
58/ 57		.1	.0	.1	.1	.0												8	8	47	137
56/ 55			.0	.1														4	4	43	103
54/ 53			.0	.1														3	3	16	66
52/ 51				.0														1	1	10	45
50/ 49																				7	29
48/ 47																				3	31
46/ 45																					31
44/ 43																					9
42/ 41																					5
40/ 39																					3
38/ 37																					1
TOTAL	1.1	10.2	13.6	17.3	18.2	15.1	11.9	6.5	3.4	1.5	.7	.3							3231		3231
																		3231		3231	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	16107394	223172	69.1	14.593	3230							
Dry Bulb	19347735	249233	77.1	6.156	3231			84.9	71.2	32.8	.1	90
Wet Bulb	15697066	224588	69.5	5.156	3231			67.2	30.6			90
Dew Point	14035314	211884	65.6	6.590	3231			47.9	9.6			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87							.0											1	1		
86/ 85						.1	.1	.0	.0									8	8		
84/ 83				.1	.3	.6	.3	.2	.0									49	49		
82/ 81	.0		.1	.9	1.4	.7	.4	.1	.0									120	120	1	
80/ 79		.1	1.6	3.6	1.9	.9	.3	.1	.1									269	269		
78/ 77		1.0	4.8	3.1	1.9	.4	.4	.1										376	376	16	1
76/ 75	.1	4.4	6.9	3.3	1.7	.7	.3	.0	.0									553	553	192	55
74/ 73	.2	5.2	4.1	2.6	1.5	.5	.3	.2	.0									464	464	377	277
72/ 71	.5	3.4	3.8	2.2	1.1	.3	.1	.0										365	365	583	544
70/ 69	.1	2.4	3.1	2.2	1.0	.8	.3											315	315	414	499
68/ 67	.1	1.8	2.6	1.6	.9	.3	.2	.1										241	241	336	345
66/ 65	.2	1.1	1.7	.8	.5	.2	.1											145	145	326	330
64/ 63	.1	.6	1.1	.7	.4	.2												98	98	215	287
62/ 61	.2	.7	.8	.4	.2	.1												77	77	172	197
60/ 59	.0	.3	.2	.4	.1	.2												38	38	137	191
58/ 57		.3	.3	.1	.1	.0												25	25	88	133
56/ 55		.2	.1	.1	.1													15	15	40	87
54/ 53			.1	.1														6	6	41	73
52/ 51			.1															2	2	11	52
50/ 49		.1	.1															5	5	15	38
48/ 47		.0	.0															2	2	6	23
46/ 45			.0															1	1	5	16
44/ 43																				1	9
42/ 41																					14
40/ 39																					5
TOTAL	1.4	21.8	31.0	22.3	13.1	6.0	2.7	.9	.2									3175	3175		3176
																		3175		3176	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	20821807	251427	79.2	11.385	3175							
Dry Bulb	16931268	231160	72.8	5.651	3175			78.3	52.2	8.2		90
Wet Bulb	14058303	216507	68.2	5.586	3176			60.0	22.3	.0		90
Dew Point	13855053	208711	65.7	6.631	3176			48.8	9.4			90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-71 (YEARS) OCT (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81						.0												1	1		
80/ 79					.0													1	1		
78/ 77			.1	.2	.0		.1											13	13		
76/ 75		.6	.5	.4	.1	.1												53	53		
74/ 73	.0	1.1	1.1	.4	.0													87	87	38	14
72/ 71	.1	2.0	1.5	.7	.3		.0											151	151	77	56
70/ 69	.4	2.9	1.8	.9	.1	.0	.0											197	197	148	126
68/ 67	.2	3.0	3.1	.8	.3	.2	.0											247	247	170	138
66/ 65	.7	4.4	2.4	1.2	.6	.1												307	307	229	168
64/ 63	.2	4.1	2.2	1.0	.4	.1	.1											259	259	287	238
62/ 61	.2	5.0	2.8	1.1	.6	.1	.1	.0										321	321	232	267
60/ 59	.4	4.7	3.3	.7	.6	.1	.0											317	317	310	234
58/ 57	.3	3.9	2.2	.5	.5	.2	.0	.0										252	252	320	288
56/ 55	.2	3.5	2.0	1.0	.4	.1												235	235	294	251
54/ 53	.2	2.3	2.0	1.1	.2	.2												196	196	214	273
52/ 51	.1	2.4	2.0	.4	.3	.1												171	171	173	211
50/ 49	.1	1.6	1.8	.6	.4	.0												145	145	206	170
48/ 47	.1	.9	1.4	.7	.2	.1												107	107	162	150
46/ 45	.1	1.1	.8	.1	.1													73	73	118	149
44/ 43	.0	.5	.6	.2	.0													45	45	95	134
42/ 41	.0	.4	.4	.1	.0													29	29	75	111
40/ 39		.1	.4	.1														19	19	39	72
38/ 37	.0	.2	.3															16	16	21	61
36/ 35		.1																3	3	24	40
34/ 33		.1	.0															3	3	13	38
32/ 31																				1	28
30/ 29																					12
28/ 27																					7
26/ 25																					6
24/ 23																					1
22/ 21																					3
TOTAL	3.4	44.9	32.7	12.2	5.1	1.2	.3	.1											3248		3246
																		3246		3246	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	22906238	270348	83.3	10.961	3246							
Dry Bulb	11927340	195048	60.1	8.125	3248			21.5	4.4	.1		93
Wet Bulb	10797796	185236	57.1	8.366	3246		.0	12.4	1.1			93
Dew Point	10033416	177784	54.8	9.553	3246		1.6	9.6	.4			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 YEARS | OCT MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77				.0														1	1		
76/ 75		.3	.3	.2														25	25		
74/ 73	.0	1.3	.6	.2														70	70	24	14
72/ 71	.2	2.2	.7	.2	.1													117	117	84	61
70/ 69	.4	2.3	1.0	.6	.0													137	137	125	106
68/ 67	.5	3.5	2.2	.4	.2													220	220	119	116
66/ 65	.6	4.1	2.0	.5	.2	.0												243	243	186	135
64/ 63	.4	5.0	1.5	.9	.2	.0												260	260	249	216
62/ 61	.6	4.6	1.6	.4	.3	.0												245	246	256	242
60/ 59	.7	5.2	2.5	.9	.5													319	320	246	235
58/ 57	.4	4.8	2.4	.6	.1													271	274	272	218
56/ 55	.7	5.7	1.8	.5	.3	.1												289	289	303	283
54/ 53	.2	3.7	1.9	.5	.2	.1												216	216	298	283
52/ 51	.3	3.3	1.6	.6	.2													193	194	192	241
50/ 49	.2	2.7	1.8	.2	.3													170	171	188	185
48/ 47	.2	2.2	1.4	.4	.1	.0												143	143	182	178
46/ 45	.3	1.8	1.1	.3		.1												117	117	153	157
44/ 43	.2	1.1	.9	.1	.0													77	77	117	144
42/ 41	.2	1.0	.4	.1														54	54	94	120
40/ 39	.2	.8	.6	.1														55	55	74	96
38/ 37	.1	.2	.2	.1														15	15	42	68
36/ 35	.1	.3	.2															18	18	29	61
34/ 33		.2	.1															7	7	22	33
32/ 31		.0																1	1	7	36
30/ 29																				1	12
28/ 27																					13
26/ 25																					4
24/ 23																					3
22/ 21																					1
20/ 19																					1
18/ 17																					1
TOTAL	6.5	56.0	26.5	7.9	2.7	.4													3270		3263
																		3263		3263	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	24581419	281403	86.2	9.797	3263							
Dry Bulb	11241910	189672	58.0	8.573	3270		.0	16.2	2.7			93
Wet Bulb	10353522	181560	55.6	8.775	3263		.2	10.0	.7			93
Dew Point	9743547	175471	53.8	9.708	3263		2.0	8.5	.4			93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 YEARS | OCT MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83					.1	.0												3	3		
82/ 81					.1													3	3		
80/ 79			.1	.2	.1													12	12		
78/ 77		.1	.2	.2	.1			.0										20	20	1	
76/ 75	.0	.3	1.0	.3	.2													60	60	8	4
74/ 73	.0	1.1	1.3	.5	.2	.2	.0											113	113	42	15
72/ 71	.0	1.7	1.2	1.1	.5	.1												154	154	98	68
70/ 69	.4	2.0	2.1	1.1	.5	.2	.0											211	211	135	125
68/ 67	.2	2.7	2.9	.9	.5	.3	.1											249	249	157	128
66/ 65	.5	2.9	2.8	1.4	.5	.2	.0											274	274	232	157
64/ 63	.2	3.2	2.4	1.7	.4	.2	.1	.0										273	273	262	211
62/ 61	.5	3.2	2.7	1.8	.6	.3	.1											301	301	248	266
60/ 59	.6	2.9	2.5	1.4	.9	.4	.0	.0										293	296	268	243
58/ 57	.2	3.3	2.5	1.4	.4	.1	.1											267	267	305	193
56/ 55	.5	3.4	2.0	.9	.8	.2	.1											256	257	282	287
54/ 53	.2	2.3	1.5	1.1	.4	.1												186	187	276	284
52/ 51	.2	2.0	1.5	.6	.4	.1	.0											164	166	209	237
50/ 49	.2	1.8	1.4	.5	.3	.1												137	137	187	180
48/ 47	.2	1.4	1.0	.4	.1	.1												102	102	170	177
46/ 45	.1	1.4	.8	.3	.1	.0												86	86	135	164
44/ 43	.1	.8	.5	.2	.1													57	57	100	136
42/ 41	.1	.5	.4	.1	.1													39	39	77	136
40/ 39		.5	.3	.1														31	32	49	74
38/ 37	.1	.3	.1	.1														17	17	37	69
36/ 35		.2	.2															15	15	25	67
34/ 33		.1																2	2	13	36
32/ 31		.0																1	1	10	27
30/ 29																					13
28/ 27																					15
26/ 25																					2
24/ 23																					7
22/ 21																					2
20/ 19																					2
16/ 15																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 YEARS | OCT MONTH

PAGE 2 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	4.0	38.2	31.2	16.4	7.2	2.3	.5	.1										3326	3334	3326	3326

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	22564416	271060	81.5	11.937	3326							
Dry Bulb	12260911	200087	60.0	8.710	3334		.0	23.0	5.9	.3		93
Wet Bulb	10934590	188490	56.7	8.715	3326		.3	12.3	1.4			93
Dew Point	10056511	179909	54.1	9.885	3326		1.9	9.5	.5			93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) OCT (MONTH)

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
94/ 93									.0	.0								2	2		
92/ 91									.0									1	1		
90/ 89							.0	.1	.1	.0								9	9		
88/ 87							.2	.4	.1	.1	.0							29	29		
86/ 85						.3	.4	.4	.3	.1	.1		.0					54	54		
84/ 83					.2	.7	.6	.4	.3	.4	.1	.0						94	94		
82/ 81			.1	.1	.5	1.0	1.1	.9	.6	.3	.1	.1						154	154		
80/ 79			.1	.8	.9	1.4	1.2	.8	.9	.4	.2	.1						223	223		
78/ 77		.1	.6	1.0	1.5	1.8	1.0	1.2	.8	.2	.1	.1						280	280	6	1
76/ 75		.1	.7	1.2	1.8	1.7	2.3	.9	.7	.5	.2	.1	.0					345	345	61	4
74/ 73		.2	1.0	1.5	1.4	1.8	1.1	1.3	.5	.3	.1	.1						313	313	141	23
72/ 71		.3	1.1	1.7	1.9	1.5	1.0	.9	.6	.2	.0	.1						309	309	179	90
70/ 69	.1	.7	1.1	1.1	1.9	1.3	1.3	.8	.6	.5	.1							315	315	268	140
68/ 67	.1	.4	1.2	1.0	1.3	1.1	.8	.7	.5	.1								243	243	322	200
66/ 65	.1	.4	.7	1.1	1.3	1.2	.9	.8	.5	.1	.0							237	237	338	212
64/ 63	.1	.3	.5	.6	1.0	.9	.8	.4	.1	.1								169	169	347	249
62/ 61	.1	.5	.6	.8	.9	.8	.7	.4	.1									164	164	299	253
60/ 59	.0	.3	.4	.5	1.2	.7	.6	.3	.0									133	133	281	238
58/ 57	.0	.4	.4	.5	.6	.4	.4	.2										100	100	226	250
56/ 55		.1	.4	.3	.3	.2	.2	.1										54	54	218	267
54/ 53	.1	.1	.3	.1	.2	.3	.2	.1										40	48	180	201
52/ 51	.1			.1	.2	.3	.1	.1										25	25	173	166
50/ 49			.0	.2	.2	.1	.0											19	19	114	179
48/ 47				.1	.1	.1												10	10	59	139
46/ 45			.1	.0														4	4	50	136
44/ 43																				35	114
42/ 41			.0															1	1	23	104
40/ 39																				11	88
38/ 37																				4	71
36/ 35																					51
34/ 33																					43
32/ 31																					39
30/ 29																					27
28/ 27																					13

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) OCT (MONTH)

PAGE 2 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
26/ 25																					19
24/ 23																					6
22/ 21																					5
20/ 19																					3
18/ 17																					4
TOTAL	.6	4.3	9.5	12.9	17.3	17.6	13.1	11.0	6.9	3.3	1.1	.4	.1				3335	3335	3335	3335	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12678189	198161	59.4	10.464	3335							
Dry Bulb	16931704	236100	70.8	8.069	3335			66.1	41.9	12.6	.1	93
Wet Bulb	12830595	205263	61.5	7.696	3335			27.2	5.8			93
Dew Point	10453250	183262	55.0	10.715	3335		3.2	12.8	.8			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION — MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME — 37-72 YEARS — OCT MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21	22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95											.1	.0							3	3		
94/ 93										.0	.2	.0							9	9		
92/ 91								.0	.3	.1	.1	.1	.0						26	26		
90/ 89								.1	.4	.3	.3	.2							48	48		
88/ 87							.2	.8	.7	.9	.3	.3	.1	.0					114	114		
86/ 85					.0	.4	1.0	1.3	1.2	1.2	.9	.4	.2		.0				218	218		
84/ 83				.1	.1	.8	1.5	1.4	1.6	2.0	1.1	.4	.1						304	304		
82/ 81			.0	.2	.6	1.0	1.6	2.1	2.1	1.9	1.4	.5	.2						385	385		
80/ 79			.1	.4	.4	1.4	2.0	1.7	1.7	2.2	1.1	.7	.4						401	401		
78/ 77		.1	.2	.3	.8	.9	1.1	1.6	1.1	1.3	.8	.7	.2		.0				307	307	11	
76/ 75		.1	.3	.6	.7	.6	1.2	1.2	1.5	1.3	.7	.4	.1						292	292	79	4
74/ 73	.1	.2	.6	.9	.6	.8	1.0	1.1	1.2	1.0	.4	.1							265	265	174	25
72/ 71		.4	.4	.6	.6	.7	.8	.7	1.0	.8	.4	.1	.0						221	221	221	57
70/ 69	.1	.6	.5	.4	.3	.5	.6	.7	1.3	.9	.3								208	208	342	133
68/ 67	.0	.4	.2	.5	.6	.2	.6	.8	.7	.4	.1	.0							152	152	368	164
66/ 65		.4	.5	.5	.1	.1	.3	.7	.3	.2	.0								106	106	368	237
64/ 63	.0	.5	.2	.1	.4	.2	.4	.5	.4	.1									93	93	346	202
62/ 61		.1	.3	.2	.2	.3	.2	.5	.4	.1									73	73	305	246
60/ 59		.2	.1	.1	.3	.2	.1	.1	.1										40	40	269	254
58/ 57		.1	.1	.2	.1	.0	.2	.1	.2										38	38	206	220
56/ 55		.1	.1		.1	.1	.1	.1											20	20	201	292
54/ 53		.1			.1	.1	.1												9	9	165	192
52/ 51				.0		.1													3	3	126	193
50/ 49				.1															4	4	53	161
48/ 47																					46	131
46/ 45																					32	153
44/ 43																					15	102
42/ 41																					12	116
40/ 39																						120
38/ 37																						73
36/ 35																						66
34/ 33																						60
32/ 31																						46
30/ 29																						36

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION — MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME — 37-72 YEARS — OCT MONTH

PAGE 2 — 1300-1400 HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL Dry B.	TOTAL Wet B.	TOTAL Dew Point
28/ 27																				14
26/ 25																				2
24/ 23																				12
22/ 21																				6
20/ 19																				5
18/ 17																				5
16/ 15																				1
14/ 13																				1
TOTAL	.3	3.2	3.9	5.2	5.9	8.5	13.0	15.5	16.2	14.8	8.4	3.9	1.4	.1	.0			3339	3339	3339

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	93 F	
Rel. Hum.	5803652	161296	48.31	17.395	3338							
Dry Bulb	19936617	254775	76.3	7.674	3339			82.2	66.1	36.6	.3	
Wet Bulb	13456601	210647	63.1	7.085	3339			32.3	7.4			93
Dew Point	10078707	179567	53.8	11.242	3339		4.3	10.7	8			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 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
96/ 95												.0						1	1		
94/ 93											.2							6	6		
92/ 91									.1	.2	.0	.1						15	15		
90/ 89							.0	.1	.4	.2	.1	.1						27	27		
88/ 87							.1	.6	.4	.4	.3	.2						67	67		
86/ 85					.0	.3	.6	.8	1.0	.9	.5	.2	.1					151	151		
84/ 83			.0	.0	.2	.4	1.5	1.1	1.9	1.1	.5	.3	.2					255	255		
82/ 81				.2	.3	1.0	1.1	2.1	1.4	1.7	.9	.3	.0	.0				302	302		
80/ 79			.1	.3	.4	1.5	1.9	1.8	1.9	2.0	.7	.5	.1					376	376	2	
78/ 77		.1	.4	.6	1.0	.8	1.6	1.9	1.9	1.3	1.0	.3	.0					364	364	4	1
76/ 75	.0	.3	.4	.9	1.5	1.3	1.5	1.9	1.2	1.2	.8	.3						362	363	51	4
74/ 73		.2	.7	.9	.5	1.0	1.3	1.3	1.2	.8	.3	.1						279	279	149	32
72/ 71	.0	.7	.8	.6	.8	.9	.9	.6	1.6	.8	.2	.0	.0					263	264	205	45
70/ 69		.4	.5	.5	.7	.7	.9	.8	1.0	.5	.3	.1						209	209	313	108
68/ 67	.0	.6	.5	.4	.7	.4	.5	1.0	.7	.4	.1							182	182	368	179
66/ 65		.7	.5	.3	.2	.5	.6	.8	.3	.2								142	142	362	234
64/ 63	.0	.4	.4	.2	.2	.6	.3	.5	.3	.1	.0							110	110	384	192
62/ 61	.1	.2	.1	.1	.3	.3	.4	.4	.3	.1								74	74	347	238
60/ 59		.2		.2	.3	.2	.3	.1	.1									53	53	258	268
58/ 57		.2		.1	.1	.1	.2	.2	.1									41	41	214	240
56/ 55		.1	.1	.0	.1	.1	.2	.0										25	25	211	237
54/ 53		.1		.0	.1	.1	.1											13	13	158	237
52/ 51		.0		.0	.0	.1												7	7	119	167
50/ 49		.1	.1		.1	.0												8	8	70	176
48/ 47				.0														1	1	56	166
46/ 45				.0														1	1	29	130
44/ 43																				24	109
42/ 41																				9	155
40/ 39																				1	103
38/ 37																					67
36/ 35																					71
34/ 33																					51
32/ 31																					38
30/ 29																					25

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 YEARS | OCT 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
28/ 27																					17
26/ 25																					18
24/ 23																					6
22/ 21																					12
20/ 19																					6
16/ 15																					2
TOTAL	.2	4.1	4.9	5.7	6.9	10.5	14.3	16.1	15.8	12.0	6.4	2.4	.5	.0				3334	3336	3334	3334

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9545555	168535	50.6	17.545	3334							
Dry Bulb	18954104	250178	75.0	7.596	3336			79.8	61.5	28.4	.2	93
Wet Bulb	13244187	208835	62.6	6.997	3334			30.5	5.7			93
Dew Point	10087692	179796	53.9	10.840	3334		3.5	10.3	1.0			93

USAFETAC FORM 0-26-5 (OL A) 83 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 YEARS | OCT MONTH

 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91										.0								1	1		
90/ 89									.0									1	1		
88/ 87								.0	.0									2	2		
86/ 85						.0	.1	.1	.0									9	9		
84/ 83					.0	.3	.2	.1										18	18		
82/ 81				.1	.2	.4	.1	.0										25	25		
80/ 79			.2	.3	.7	.9	.7	.2	.0									97	97		
78/ 77		.2	.5	.8	1.1	.9	.5	.4	.2									152	152		
76/ 75	.0	.4	1.1	1.6	1.9	1.6	.8	.3	.2	.1								261	261	24	5
74/ 73		.6	1.2	1.9	1.7	1.6	1.2	.7	.3									306	306	85	24
72/ 71		1.2	2.0	2.0	1.9	1.6	1.0	.2	.1	.0								331	331	128	58
70/ 69		1.7	1.8	1.9	2.3	2.1	1.0	.2	.4									380	380	235	125
68/ 67	.1	1.3	1.8	2.4	2.1	1.4	.7	.4	.0									342	342	316	201
66/ 65	.2	1.2	2.3	2.0	1.5	1.0	1.0	.4	.0									319	321	312	246
64/ 63	.2	1.1	1.4	1.9	1.1	.9	.5	.3	.0									246	246	333	246
62/ 61	.1	.9	1.2	1.2	1.0	1.0	.4	.2	.0									200	201	398	260
60/ 59	.1	.4	1.3	1.3	1.1	.8	.5	.1										185	187	327	301
58/ 57		.5	1.0	1.1	1.1	.8	.4	.1										163	163	230	283
56/ 55		.4	.4	.7	.7	.3	.2	.1										91	91	221	253
54/ 53	.0	.3	.4	.5	.6	.2	.1	.0										71	71	197	235
52/ 51		.2	.2	.6	.4	.2	.1											57	57	149	191
50/ 49		.1	.2	.2	.4	.1	.0											33	33	121	157
48/ 47		.0	.2	.2	.2	.0												20	20	91	130
46/ 45			.1	.2	.1													10	10	73	132
44/ 43			.0	.1														4	4	33	114
42/ 41				.1														2	2	31	85
40/ 39			.0															1	1	18	85
38/ 37																				2	46
36/ 35																				3	44
34/ 33																					36
32/ 31																					27
30/ 29																					27
28/ 27																					2
26/ 25																					5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 47 F	≤ 72 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) OCT (MONTH)

PAGE 2 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
24/ 23																					4
22/ 21																					5
TOTAL	.7	10.3	17.3	20.9	20.0	16.0	9.5	3.8	1.3	.1								3327	3332	3327	3327

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	16014691	225395	67.8	14.920	3326							
Dry Bulb	15274512	224212	67.3	7.496	3332			53.7	24.3	2.9		93
Wet Bulb	12377955	201381	60.5	7.528	3327			22.0	3.0			93
Dew Point	10631793	185239	55.7	9.780	3327		2.0	11.5	.8			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) OCT (MONTH)

 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85							.0											1	1		
84/ 83							.0											1	1		
82/ 81						.1												3	3		
80/ 79				.2	.2	.1		.0										14	14		
78/ 77			.3	.5	.3	.1												39	39		
76/ 75	.1	.6	1.0	.6	.5	.1												92	92	10	5
74/ 73	.0	.7	1.3	1.1	.7	.2												131	131	50	16
72/ 71	.1	1.9	2.3	1.5	.7	.2	.2		.1									226	226	100	62
70/ 69	.2	2.4	3.0	2.2	.7	.4	.1											294	294	180	130
68/ 67	.1	2.7	3.3	1.8	1.1	.5	.1		.0									311	311	197	155
66/ 65	.3	2.9	3.1	1.9	1.2	.4	.2	.1										326	326	319	228
64/ 63	.2	2.8	3.8	2.1	.7	.5	.2	.0										339	339	262	247
62/ 61	.2	3.2	3.0	1.4	.9	.5	.0	.0										303	303	302	265
60/ 59	.4	2.0	2.8	1.7	.7	.5	.1											273	273	353	271
58/ 57	.2	1.9	1.9	1.3	.7	.3	.0	.0										205	206	303	286
56/ 55	.2	1.7	2.0	1.6	1.0	.2	.1	.0										224	228	236	275
54/ 53	.1	1.1	1.3	1.0	.5	.2												139	140	220	238
52/ 51	.0	.8	1.2	.6	.3	.2	.0											109	109	183	200
50/ 49		.7	1.3	.5	.2	.1	.1											94	94	146	153
48/ 47		.3	.9	.6	.2	.1	.0											66	66	144	147
46/ 45		.2	.4	.2	.1	.0												32	32	90	122
44/ 43		.2	.3	.3	.0													27	27	68	123
42/ 41		.1	.2	.2														15	15	48	79
40/ 39		.1	.1															7	7	29	86
38/ 37				.1														3	3	24	52
36/ 35																				7	49
34/ 33																					25
32/ 31																				3	25
30/ 29																					15
28/ 27																					5
26/ 25																					4
24/ 23																					7
22/ 21																					1
20/ 19																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) OCT (MONTH)

PAGE 2 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
18/ 17																					1
TOTAL	2,026	333	521	510	84	11	2	1										3277		3274	
																	3274		3274		

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	20544905	256049	78.2	12.606	3274							
Dry Bulb	13064577	205365	62.7	7.708	3277			31.6	8.0	.3		93
Wet Bulb	11438033	191731	58.6	8.009	32[illegible]		.1	15.3	1.7			93
Dew Point	10383134	181660	55.5	9.631	32[illegible]		1.7	10.5	.6			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-71 YEARS | NOV MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77					.0													1	1		
76/ 75			.0	.0														2	2		
74/ 73		.1		.0														4	4	1	1
72/ 71	.0	.4	.4	.1														28	28	6	3
70/ 69	.1	.5	.3	.2	.1													34	34	18	15
68/ 67	.1	.7	.9	.3	.0	.1	.1											66	66	36	21
66/ 65	.2	1.8	1.6	.3	.1	.0												127	127	55	42
64/ 63	.4	2.4	.9	.4	.1			.0										134	134	111	80
62/ 61	.4	2.2	.8	.4	.1		.1											128	128	144	120
60/ 59	.3	2.4	1.3	.4	.2	.1	.0											148	148	118	138
58/ 57	.8	2.0	1.7	.5	.3	.1	.0											170	170	147	114
56/ 55	.6	3.2	1.9	.6	.3	.2												216	216	162	128
54/ 53	.6	2.9	1.7	.7	.3	.1	.0											202	202	186	164
52/ 51	.6	2.9	2.1	1.2	.3	.0	.0											229	229	193	162
50/ 49	.4	3.0	2.1	1.3	.5	.2	.0											237	237	210	195
48/ 47	.2	2.4	1.6	1.4	.7													197	197	204	159
46/ 45	.3	2.7	2.4	1.3	.1	.2												223	223	191	180
44/ 43	.3	2.6	2.0	.7	.2	.0												184	185	217	155
42/ 41	.4	2.6	2.0	1.0	.2													196	196	233	182
40/ 39	.5	2.5	2.6	1.0	.1													207	207	202	196
38/ 37	.4	2.3	1.2	.6	.0													143	143	216	213
36/ 35	.3	1.6	1.0	.2	.1													101	101	178	195
34/ 33	.1	1.0	.7	.1														59	59	112	160
32/ 31	.0	.5	.6	.1														38	38	76	127
30/ 29	.0	.4	.5	.1														34	34	45	110
28/ 27		.2	.2	.1														14	14	41	63
26/ 25	.0	.2		.0														7	7	14	74
24/ 23		.1	.1															7	7	12	56
22/ 21		.1	.1															6	6	7	21
20/ 19			.0															1	1	5	22
18/ 17																				3	19
16/ 15																				1	8
14/ 13																					10
12/ 11																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-71 (YEARS) NOV (MONTH)

PAGE 2 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULD TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
10/ 9																					3
8/ 7																					1
6/ 5																					4
4/ 3																					1
TOTAL	7.2	43.7	30.7	13.4	3.7	1.0	.3	.0										3143	3144	3144	3144

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	21142639	254519	81.0	13.087	3144							
Dry Bulb	8138138	156852	49.9	9.978	3144		3.1	3.9	.2			90
Wet Bulb	7285795	147937	47.1	10.166	3144		5.8	1.7	.0			90
Dew Point	6524436	138362	44.0	11.769	3144		14.9	1.1	.0			90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION — MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME — 37-71 YEARS — NOV MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73		.1	.0															3	3		
72/ 71		.3	.2	.0														17	17	2	1
70/ 69	.1	.7	.2	.2														35	35	26	17
68/ 67	.1	1.1	.4			.1												49	50	33	27
66/ 65	.4	1.6	.9	.1														96	96	52	44
64/ 63	.3	2.4	.7	.2	.0													114	114	86	68
62/ 61	.5	2.0	.5	.1	.0		.0											99	99	127	103
60/ 59	.5	2.5	1.0	.0	.2													130	130	98	122
58/ 57	.6	2.5	1.0	.4	.1													145	145	131	103
56/ 55	.6	3.1	1.4	.8	.2	.1		.0										193	193	140	124
54/ 53	.7	3.2	1.1	.6	.2	.0		.0										186	186	158	139
52/ 51	.7	3.1	1.7	.4	.4													199	199	173	146
50/ 49	.9	3.0	2.1	1.0	.1		.0											241	241	209	164
48/ 47	.3	3.5	2.2	.5	.1													205	205	207	158
46/ 45	.3	2.8	1.9	.5	.2	.1												175	175	204	194
44/ 43	.5	3.0	2.1	.5	.3	.0												202	202	194	194
42/ 41	.5	3.2	1.9	.8	.1													206	207	185	145
40/ 39	.9	2.6	2.3	.4	.0													197	199	223	210
38/ 37	.7	3.7	1.5	.7														209	209	204	207
36/ 35	.6	3.0	1.3	.2														159	159	238	202
34/ 33	.4	1.7	.8	.1														95	95	156	189
32/ 31	.2	1.4	.5	.0														65	66	107	136
30/ 29	.2	.8	.4	.1														49	49	64	133
28/ 27	.2	.7	.2															32	32	55	56
26/ 25	.1	.2	.1															13	13	27	82
24/ 23	.1	.2	.0															11	11	18	67
22/ 21	.0	.1	.0															6	6	8	47
20/ 19	.0	.1	.1															6	6	9	21
18/ 17		.0																1	1	2	13
16/ 15		.0																1	1	2	10
14/ 13		.0																1	1	2	5
12/ 11																					3
10/ 9																					4
8/ 7																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-71 YEARS | NOV MONTH

PAGE 2 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
6/ 5																						1
4/ 3																						1
2/ 1																						1
TOTAL	10.3	53.3	26.3	7.8	1.9	.3	.1	.1											3140	3145	3140	3140

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Ref. Hum.	22640339	264027	84.1	11.834	3140							
Dry Bulb	7560465	150689	47.9	10.405	3145		5.3	3.0	.1			90
Wet Bulb	6894490	143380	45.7	10.520	3140		8.4	1.7				90
Dew Point	6286215	135499	43.2	11.827	3140		16.7	1.3				90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) NOV (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
70/ 75				.1														3	3		
74/ 73		.1	.1	.1														9	9		
72/ 71	.0	.4	.3	.1	.0													27	27	7	2
70/ 69	.1	.5	.4	.2														39	39	28	18
68/ 67	.1	.8	.6	.2														57	57	41	30
66/ 65	.6	1.6	.8	.2	.1													105	105	70	59
64/ 63	.5	1.8	.7	.4														109	109	88	80
62/ 61	.3	2.0	1.0	.3	.1	.0												117	117	105	101
60/ 59	1.1	2.3	.9	.2	.1	.0	.0											151	151	132	107
58/ 57	.7	2.3	1.2	.7	.1		.0	.0										163	163	137	114
56/ 55	.5	2.8	1.5	.6	.4	.1	.1											190	190	149	133
54/ 53	.4	2.9	1.5	.9	.3	.1												199	199	163	154
52/ 51	.7	2.5	2.0	.7	.5	.1	.0											212	212	176	150
50/ 49	.6	3.0	2.1	1.2	.3	.1												237	237	192	146
48/ 47	.3	2.8	1.9	.8	.3	.1												201	201	201	162
46/ 45	.3	2.9	2.1	.9	.2	.0												206	206	250	191
44/ 43	.3	2.4	2.4	.8	.2	.0												203	203	187	189
42/ 41	.2	2.9	2.4	1.0	.4	.1												227	227	190	145
40/ 39	.7	2.7	2.3	.6	.1													205	206	260	208
38/ 37	.7	2.6	1.6	.3														170	170	203	198
36/ 35	.3	2.2	1.1	.4														131	132	199	212
34/ 33	.4	1.6	.7	.1														89	90	167	202
32/ 31	.3	1.1	.3	.1														68	70	105	168
30/ 29	.1	.7	.4	.0														41	41	64	133
28/ 27	.1	.8	.2	.0														37	37	46	68
26/ 25	.0	.2	.1															8	8	31	83
24/ 23	.1	.2	.1															13	13	19	61
22/ 21		.1																3	3	11	43
20/ 19	.0		.0															2	2	4	25
18/ 17		.1																2	2	1	14
16/ 15			.0															1	1	2	12
14/ 13		.0	.0															2	2		7
12/ 11																				2	4
10/ 9																				1	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 YEARS | NOV MONTH

PAGE 2 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
8/ 7																					3
6/ 5																					3
-12/-13																					1
-14/-15																					1
TOTAL	9,5	46,3	29,3	10,9	3,2	,7	,2	,0										3227	3232		3227
																		3227		3227	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	< 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	22252240	264740	82,0	12,856	3227							
Dry Bulb	7996915	157177	4[illegible],6	10,455	3232		5,0	3,8	,3			90
Wet Bulb	7207570	148036	46,1	10,584	3227		7,9	2,1				90
Dew Point	6479707	139269	43,2	12,060	3227	,1	17,5	1,4				90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) NOV (MONTH)

PAGE 1 2900-1100 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81					.0	.1	.0	.1										5	6		
80/ 79					.1	.3	.2	.2	.1	.0								27	27		
78/ 77			.3	.1	.4	.3	.2	.2	.1									45	45		
76/ 75		.1	.1	.4	.5	.3	.5	.1	.0	.1	.0							68	68		
74/ 73		.1	.3	.5	1.0	.5	.6	.2	.1		.0							107	108	9	1
72/ 71	.1	.1	.7	.7	.7	.7	.2	.2	.1	.1								112	112	22	11
70/ 69		.6	.7	.9	.8	.7	.6	.3	.2	.0	.0							158	158	54	14
68/ 67		.8	.9	.6	1.1	.8	.5	.4	.2	.0								176	176	104	52
66/ 65	.1	.7	1.1	1.2	.9	.7	.5	.4	.3									189	189	127	79
64/ 63	.3	1.1	.9	1.0	.9	1.1	.7	.7	.4	.1								230	230	165	118
62/ 61	.2	1.3	.8	1.1	1.1	.9	.7	.3	.2	.0								226	226	175	122
60/ 59	.2	.8	1.2	.8	1.4	1.0	1.0	.8	.2									236	236	189	138
58/ 57	.2	.9	.8	.8	1.2	1.4	.9	.4	.1									211	211	175	149
56/ 55	.2	1.3	.9	1.2	1.6	1.0	1.1	.3										244	244	207	143
54/ 53	.2	.8	.8	1.1	1.6	.9	.9	.1										203	203	199	178
52/ 51	.1	.6	1.1	1.5	1.5	1.0	.6											204	204	201	146
50/ 49	.0	.7	1.1	1.3	1.4	1.1	.4											190	191	236	134
48/ 47	.1	.7	1.1	1.1	1.1	.7	.1	.0										156	157	241	124
46/ 45	.0	.5	.9	1.5	1.0	.6	.1											151	152	253	185
44/ 43	.0	.3	.5	.7	.7	.2												80	80	221	152
42/ 41	.1	.2	.4	.7	.8	.1												71	71	168	161
40/ 39		.2	.3	.5	.6	.1												52	52	157	170
38/ 37	.1	.0	.2	.5	.1	.0												32	32	107	179
36/ 35		.1	.2	.2	.1	.1												18	18	82	169
34/ 33			.1	.2	.1													13	13	44	151
32/ 31	.0			.2	.0													7	7	41	124
30/ 29			.1	.0														4	4	10	122
28/ 27				.0														1	1	12	66
26/ 25				.0														1	1	10	89
24/ 23			.0					.0										2	2	3	85
22/ 21																				1	64
20/ 19																				1	33
18/ 17					.1													2	2		17
16/ 15																					18

Element (X	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Pt												

USAFETAC 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 YEARS | NOV MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
14/ 13																					7
12/ 11																				1	3
10/ 9																				2	5
8/ 7																					9
6/ 5																					1
TOTAL	1.8	11.8	15.0	18.9	20.9	14.6	9.7	4.9	2.0	.3	.1								3226		3219
																		3222		3222	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	13606129	200841	62.4	18.279	3219							
Dry Bulb	11177971	187101	58.0	10.062	3226		.5	19.5	7.1	.6		90
Wet Bulb	8744501	164805	51.1	9.885	3222		2.3	5.4	.3			90
Dew Point	6853550	142422	44.2	13.100	3219		18.0	2.2	.0			90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION — MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME — 37-72 YEARS — NOV MONTH

 1200-1400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85							.0	.0										2	2		
84/ 83						.1	.2	.1	.3	.2	.1							25	25		
82/ 81					.1	.4	.3	.5	.4	.2	.1		.0					60	60		
80/ 79				.0	.2	.6	.6	.9	.7	.2	.1	.0	.0					110	110		
78/ 77			.0	.2	.3	.6	.5	1.3	.7	.3	.2	.0						136	136		
76/ 75			.1	.2	.5	.9	1.4	1.6	.7	.3	.1	.1	.0					120	120	1	
74/ 73			.4	.3	.5	1.1	.8	1.0	.7	.4	.3	.1						182	182	10	
72/ 71		.3	.3	.6	.7	.9	1.3	1.0	.6	.6	.4	.0						215	215	44	4
70/ 69	.0	.2	.3	.5	.9	.9	.6	1.1	.9	.7	.4	.0						210	210	80	23
68/ 67	.0	.3	.5	.4	.8	1.1	1.3	1.2	1.1	1.2	.2							267	267	125	54
66/ 65	.1	.7	.7	.3	1.1	.7	1.0	1.0	1.6	.9	.2	.1						269	269	167	59
64/ 63	.4	.7	.5	.4	.3	.7	.9	1.1	1.6	.6	.0							235	235	238	99
62/ 61		.6	.3	.3	.4	.7	.8	1.4	.9	.3								185	185	223	132
60/ 59	.1	.7	.3	.5	.5	.8	1.5	1.6	.7	.0								212	212	222	142
58/ 57	.1	.2	.5	.2	.5	1.0	1.2	1.2	.3	.0								173	173	198	165
56/ 55	.1	.4	.7	.4	.7	1.4	1.2	.6	.1									183	183	195	151
54/ 53	.1	.4	.5	.1	.6	1.1	1.1	.3	.1									140	141	204	193
52/ 51	.1	.3	.4	.3	.5	.7	.8	.1										101	101	221	154
50/ 49	.0	.3	.4	.3	.5	.8	.6	.1										101	101	271	130
48/ 47	.1	.2	.2	.4	.4	.5	.3											72	72	256	149
46/ 45		.3	.2	.3	.4	.4	.2											64	64	236	140
44/ 43	.0	.1	.2	.2	.2	.2	.1											35	35	175	134
42/ 41		.1		.1	.2	.2												18	18	122	106
40/ 39		.1	.1	.0	.3	.1												20	20	83	145
38/ 37					.2	.0												7	7	63	138
36/ 35		.1			.1	.0												8	8	37	149
34/ 33		.0			.0													2	2	19	159
32/ 31																				21	171
30/ 29	.1			.1														4	4	7	145
28/ 27			.0															1	1	5	98
26/ 25																				1	101
24/ 23					.0													1	1	3	80
22/ 21																					68
20/ 19																					38

Element (X)	Σ_{x^2}	Σ_x	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF TD-5 FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 YEARS | NOV MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 26	27 28	29 - 30	≥ 31				
18/ 17																					39
16/ 15																				1	22
14/ 13																					14
12/ 11																					12
10/ 9																					6
8/ 7																					5
6/ 5																					1
2/ 1																					1
TOTAL	1.2	6.2	6.7	6.3	11.1	16.0	16.8	16.0	11.2	5.9	2.2	.4	.1					3228	3229	3228	3227

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9478732	162878	50.5	19.728	3226							
Dry Bulb	13555908	206736	64.0	9.952	3229		.2	38.9	19.7	3.9		90
Wet Bulb	9550130	173108	53.6	9.229	3228		1.1	7.2	.3			90
Dew Point	6715927	140445	43.5	13.678	3227		22.3	2.3				90

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF ETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13621 STATION — MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME — 37-72 YEARS — NOV MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83							.2		.2									11	11		
82/ 81						.2	.2	.3	.2	.1	.0		.0					28	28		
80/ 79				.0	.2	.2	.5	.3	.5	.2	.0							65	65		
78/ 77				.2	.2	.5	.7	.7	.5	.3	.0	.0	.0					109	109		
76/ 75			.1	.1	.5	.8	.9	1.1	.6	.2	.1		.0					143	143		
74/ 73		.2	.1	.3	.6	1.1	1.1	1.2	.8	.4	.1	.1						196	196	8	
72/ 71	.0	.1	.2	.6	.8	1.0	1.1	.5	.5	.5	.3	.0						183	183	33	8
70/ 69	.0	.3	.4	.8	1.0	1.0	.8	1.5	.7	.6	.3							240	240	39	14
68/ 67		.5	.6	.6	.9	1.2	1.2	1.1	1.2	.6	.2							262	262	107	34
66/ 65		.8	.6	.9	.8	.9	.9	.9	1.4	.6	.1							258	258	159	58
64/ 63	.1	1.0	.4	.5	.7	.7	1.1	1.4	1.1	.6								242	242	207	84
62/ 61	.0	.9	.3	.4	.6	.9	1.2	1.6	.9	.2	.0							231	231	233	130
60/ 59	.0	.6	.5	.5	.6	1.1	1.5	1.5	.9	.0								230	230	248	167
58/ 57	.0	.8	.7	.2	.6	.9	1.9	1.0	.1									204	204	189	142
56/ 55	.1	.4	.5	.3	.6	1.2	1.5	.7	.0									171	171	222	160
54/ 53	.1	.8	.6	.4	.7	1.1	.8	.4	.1									160	160	193	163
52/ 51	.1	.6	.7	.4	.9	.7	.6	.2										135	135	236	166
50/ 49	.1	.5	.2	.2	.6	1.0	.4	.0										100	100	201	159
48/ 47	.0	.1	.3	.7	.7	.4	.3	.1										84	84	259	147
46/ 45	.1	.2	.3	.3	.5	.4	.2											66	66	247	157
44/ 43		.2	.3	.3	.4	.2	.1											46	46	184	128
42/ 41		.2	.1	.6	.2	.2												22	22	133	138
40/ 39		.1	.1	.2	.1	.1												18	18	102	141
38/ 37				.0	.2													9	9	51	143
36/ 35		.0	.1	.1	.1	.0												9	9	41	148
34/ 33		.0	.0	.1														5	5	23	182
32/ 31	.0	.0																2	2	21	178
30/ 29				.1														4	4	8	144
28/ 27																				5	75
26/ 25																					116
24/ 23																				4	65
22/ 21																					64
20/ 19																					37
18/ 17																					25

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 YEARS | NOV MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
16/ 15																					18
14/ 13																					16
12/ 11																					12
10/ 9																					7
8/ 7																					4
4/ 3																					3
TOTAL	.7	8.1	7.3	8.4	12.6	15.8	17.0	14.5	9.7	4.4	1.2	.1	.1					3233	3233	3233	3233

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10157730	169506	52.4	19.827	3233							
Dry Bulb	13043489	202983	62.8	9.622	3233		.2	34.4	15.4	1.8		90
Wet Bulb	9355473	171483	53.0	8.965	3233		1.1	5.2	.2			90
Dew Point	6670552	140464	43.4	13.255	3233		21.3	1.6				90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 YEARS | NOV MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77				.1	.1		.1											8	8		
76/ 75			.1	.1	.3	.3	.1											30	30		
74/ 73		.0	.2	.4	.5	.3	.1											51	51		
72/ 71		.3	.3	.7	.6	.4	.2	.1	.0									86	86	9	4
70/ 69	.1	.3	.2	1.0	.9	.9	.2	.1										124	124	27	14
68/ 67		.7	1.4	1.1	1.1	.5	.2	.0	.0									166	166	55	22
66/ 65	.1	1.1	1.1	1.5	1.1	.5	.4	.2	.1									195	195	98	42
64/ 63	.2	1.2	1.1	1.5	1.1	.7	.4	.3	.1									212	212	172	93
62/ 61	.2	1.3	1.4	1.6	1.3	.8	.6	.4	.1									247	248	162	138
60/ 59	.2	1.1	1.4	1.5	1.6	1.1	.7	.2	.0									251	251	203	143
58/ 57	.2	1.0	1.4	1.7	1.8	1.1	.9	.1	.1									264	264	210	141
56/ 55	.2	1.1	1.1	1.7	1.5	1.5	.5	.2										253	253	196	177
54/ 53	.1	1.1	1.0	1.1	1.3	1.4	.7	.2										222	222	217	179
52/ 51		1.1	1.4	1.6	1.4	1.2	.2											222	222	229	159
50/ 49	.2	.7	1.4	1.5	1.6	.7	.1											200	200	238	176
48/ 47	.0	.7	1.1	1.8	1.4	.7	.2											189	189	220	172
46/ 45		.5	1.0	1.4	1.2	.7												152	152	256	186
44/ 43		.4	1.1	1.1	.7	.1												108	108	210	152
42/ 41	.0	.4	.6	.9	.6	.1												83	83	211	160
40/ 39		.3	.8	.6	.3	.1												67	67	177	141
38/ 37		.1	.3	.5	.1													33	33	111	171
36/ 35		.1	.3	.2	.1													21	21	97	184
34/ 33		.0	.1	.2	.0													10	10	48	177
32/ 31		.1	.1	.1	.1													12	12	33	154
30/ 29		.1	.0	.1														8	8	13	100
28/ 27			.1	.1														5	5	13	84
26/ 25			.1															2	2	8	85
24/ 23																				5	51
22/ 21																				4	37
20/ 19																					29
18/ 17																					14
16/ 15																					10
14/ 13																					11
12/ 11																					7

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	> 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 YEARS | NOV MONTH

PAGE 2 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
10/ 9																					4
8/ 7																					5
TOTAL	1.4	13.9	19.0	24.1	20.6	13.0	5.7	1.8	.5									3221	3222	3222	3222

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14890087	212239	65.9	16.766	3221							
Dry Bulb	10479137	181307	56.3	9.269	3222		.8	13.0	2.5			90
Wet Bulb	8447732	162206	50.3	9.353	3222		2.1	2.5				90
Dew Point	6801764	142682	44.3	12.249	3222		16.5	1.1				90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 YEARS | NOV MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73		.1	.2	.1	.0	.0												14	14		
72/ 71		.3	.3	.2	.2	.0												33	33	4	1
70/ 69	.1	.4	.9	.6	.3	.1	.0											78	78	24	18
68/ 67	.1	.5	1.1	.9	.4	.2	.1											104	104	33	21
66/ 65	.2	1.3	1.4	.8	.4	.0												133	133	74	45
64/ 63	.1	2.0	1.3	1.2	.3	.1	.0	.0	.1									164	164	126	75
62/ 61	.1	1.7	1.4	.8	.4	.1	.0											147	147	145	123
60/ 59	.2	1.8	1.2	.8	.7	.2	.1	.1										167	167	148	126
58/ 57	.4	2.0	1.9	1.4	.7	.4	.1	.1										225	225	172	140
56/ 55	.5	2.3	2.7	1.8	.8	.4	.1											278	278	165	147
54/ 53	.2	2.5	1.9	1.4	.9	.4	.1											237	237	188	169
52/ 51	.1	2.1	2.0	1.4	.9	.3												219	219	245	157
50/ 49	.2	1.7	2.3	1.5	1.2	.5	.0											240	240	231	187
48/ 47	.2	1.4	2.2	1.7	1.1	.1	.1											217	217	217	199
46/ 45	.1	1.8	2.3	1.9	.5	.2												222	222	223	183
44/ 43	.2	1.4	2.2	1.2	.7	.1												182	182	215	166
42/ 41	.0	1.4	2.2	1.4	.4	.0												177	177	227	175
40/ 39	.1	.8	1.8	.9	.2													122	122	224	173
38/ 37	.1	.9	.9	.9	.1													90	90	166	180
36/ 35	.1	.4	.8	.4	.1													59	59	147	196
34/ 33		.4	.4	.3	.0													35	35	84	166
32/ 31		.2	.2	.2														20	20	56	123
30/ 29	.0	.1	.4	.1														19	19	33	124
28/ 27		.1	.1	.0														9	9	25	79
26/ 25			.1	.0														3	5	13	74
24/ 23			.1															4	4	8	52
22/ 21			.1															2	2	6	29
20/ 19																				2	27
18/ 17																				2	12
16/ 15																					10
14/ 13																					10
12/ 11																					6
10/ 9																					4
8/ 7																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) NOV (MONTH)

 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 5																					3
2/ 1																					1
TOTAL	3.1	27.8	32.6	22.0	10.2	3.2	.7	.2	.1									3202		3203	3203

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	18667252	239964	74.9	14.617	3202							
Dry Bulb	9003969	167023	52.2	9.546	3202		1.7	6.4	.4			90
Wet Bulb	7752119	154441	48.2	9.765	3203		4.1	1.7				90
Dew Point	6666678	141060	44.0	11.913	3203		15.6	1.1				90

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-71 YEARS | DEC MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73				.1														2	2		
72/ 71			.1															2	2		
70/ 69	.1	.4	.2	.0														22	22	4	3
68/ 67	.1	.8	.6	.1	.0													52	52	20	13
66/ 65	.2	.8	.2															38	38	47	30
64/ 63	.3	1.8	.1	.1														74	74	69	60
62/ 61	.6	1.4	.6	.2														98	98	76	77
60/ 59	.4	1.8	.5	.1														93	93	79	74
58/ 57	.7	1.8	.6	.3	.1	.0												116	116	109	88
56/ 55	.7	1.6	.4	.5	.1	.1												112	113	99	98
54/ 53	1.1	1.6	.9	.5	.2	.0												139	139	109	110
52/ 51	.6	2.5	1.1	.7	.5	.1	.0											180	180	115	93
50/ 49	.5	2.7	1.2	.7	.3	.1	.1											183	183	139	104
48/ 47	.6	2.6	1.4	1.1	.2	.0	.1											193	193	182	137
46/ 45	1.1	2.9	2.0	1.0	.4	.1												243	243	194	166
44/ 43	.6	3.3	2.6	1.5	.3	.1												273	273	215	163
42/ 41	.4	2.4	3.5	.7	.3	.0												237	237	215	166
40/ 39	.7	2.9	3.1	1.0	.2													255	255	258	173
38/ 37	.6	3.3	2.3	1.4	.2													250	250	292	195
36/ 35	.3	3.3	2.4	.7	.0													216	216	222	223
34/ 33	.3	2.1	1.5	.2	.0													135	135	243	235
32/ 31	.2	1.4	1.4	.3														107	107	189	205
30/ 29	.1	1.1	1.3	.1														84	84	103	174
28/ 27	.1	1.1	.8															64	64	90	146
26/ 25		.5	.7															39	39	87	114
24/ 23	.0	.2	.3															19	19	41	96
22/ 21		.0	.1															3	3	25	79
20/ 19		.1	.0															4	4	6	67
18/ 17		.1																3	3	5	54
16/ 15																				3	35
14/ 13																					23
12/ 11			.0															1	1		20
10/ 9		.0																1	1		7
8/ 7		.0																1	1	2	3

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-71 (YEARS) DEC (MONTH)

 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
6/ 5																				1	4
2/ 1																					1
-4/ -5																					1
-6/ -7																					2
TOTAL	10	344	730	11	3	2	9	6	2									3239	3240	3239	3239

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	21570063	260301	80.4	14.180	3239							
Dry Bulb	6886923	145059	45.0	10.225	3240		9.4	2.2	.1			93
Wet Bulb	6177383	137247	42.4	10.570	3239		15.8	.7				93
Dew Point	5432726	126222	39.0	12.598	3239	.1	29.6	.5				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-71 (YEARS) DEC (MONTH)

PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71		.0	.1															3	3		
70/ 69		.2	.1															10	10	1	1
68/ 67	.1	.6	.6	.0														42	42	19	10
66/ 65	.2	1.1	.1															48	48	34	29
64/ 63	.7	1.1	.3	.1														74	74	88	66
62/ 61	.7	1.5	.2	.1														81	81	62	74
60/ 59	.6	2.1	.2	.1	.0													97	97	81	74
58/ 57	.6	1.6	.4	.2	.0													91	91	93	89
56/ 55	1.1	1.8	.5	.1	.0	.1	.0											117	117	108	88
54/ 53	1.1	1.5	.5	.2	.0	.1												107	107	99	108
52/ 51	.6	2.2	.9	.5	.3													142	142	85	88
50/ 49	.6	2.4	1.4	.5	.1	.1												161	161	127	90
48/ 47	.8	2.3	.9	.7	.3	.3												170	170	165	128
46/ 45	.9	3.2	1.5	.7	.2													210	210	159	144
44/ 43	1.4	2.9	1.6	.8	.2	.0												222	223	207	154
42/ 41	1.0	3.2	2.3	.6	.1													231	231	192	170
40/ 39	.7	3.1	2.6	.5	.1													228	228	225	148
38/ 37	.9	3.9	2.2	.8	.1													255	255	252	186
36/ 35	.7	4.3	1.9	.6														242	242	260	205
34/ 33	.9	4.1	1.2	.3														211	211	257	232
32/ 31	.5	2.8	1.2	.1														149	150	225	274
30/ 29	.2	2.2	1.2	.1														118	119	139	186
28/ 27	.1	1.7	.7	.0														84	85	123	127
26/ 25	.2	1.2	.7	.1														67	67	95	137
24/ 23		.7	.5															37	37	53	114
22/ 21	.0	.2	.2															15	15	43	70
20/ 19	.0	.1	.1															6	6	20	69
18/ 17		.1	.1															7	7	9	56
16/ 15		.1																2	2	2	51
14/ 13																				4	12
12/ 11																					20
10/ 9		.0																1	1		13
8/ 7		.1																2	2	2	8
6/ 5																				1	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 67-71 YEARS | DEC MONTH

PAGE 2 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 3																					2
2/ 1																					2
0/ -1																					2
-2/ -3																					1
-4/ -5																					2
TOTAL	14.0	52.2	24.3	6.9	1.4	.0	.2												3234		3230
																		3230		3230	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2238642	268836	83.2	13.206	3230							
Dry Bulb	6439456	140044	43.3	10.770	3234		14.1	1.6				93
Wet Bulb	5878745	133137	41.2	11.004	3230		20.6	.6				93
Dew Point	5270869	123819	38.3	12.744	3230	.1	33.0	.3				93

USAFETAC FORM 0-26-5 (OL A) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION — MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME — 37-72 YEARS — DEC MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71		.1	.2	.0														11	11		
70/ 69	.0	.2	.1	.0														12	12	7	2
68/ 67	.2	.6	.4	.0														42	42	23	13
66/ 65	.2	1.4	.4	.1														71	71	48	37
64/ 63	.4	1.3	.2	.1														68	68	72	77
62/ 61	.7	1.7	.2	.0														87	87	82	77
60/ 59	.8	1.8	.5	.0	.1		.0											106	106	95	78
58/ 57	.6	2.0	.2	.1			.0											96	96	93	93
56/ 55	.8	1.5	.5	.1	.1													97	97	101	91
54/ 53	.8	2.2	.7	.2	.1	.1												135	135	97	105
52/ 51	.6	1.5	.8	.4	.2	.4												123	123	106	96
50/ 49	.8	2.2	1.3	.2	.2	.0												161	161	113	98
48/ 47	.8	2.5	1.2	.9	.3	.2												191	191	150	118
46/ 45	1.6	2.6	1.6	.4	.2													214	214	203	143
44/ 43	.8	3.0	1.7	.7	.3													214	214	159	157
42/ 41	.6	2.6	2.0	.7	.2	.0												233	233	215	145
40/ 39	.8	2.9	2.3	.7	.3	.0												228	228	238	182
38/ 37	.6	3.7	1.8	.5	.2													227	227	213	151
36/ 35	.8	4.8	2.0	.7														275	275	276	215
34/ 33	.8	3.7	1.1	.3	.0													199	199	259	242
32/ 31	.6	3.2	.9	.3														166	166	238	247
30/ 29	.4	2.4	1.1	.1														131	131	194	219
28/ 27	.3	1.7	.8	.1														95	96	17[illegible]	1[illegible]2
26/ 25	.1	1.2	.4	.1														59	59	94	132
24/ 23	.1	.7	.4															39	39	62	100
22/ 21	.1	.4	.1															28	16	47	[illegible]
20/ 19	.0	.3	.0															13	13	2[illegible]	6[illegible]
18/ 17		.2																6	6	11	[illegible]6
16/ 15		.1	.1															5	5	8	4[illegible]
14/ 13																					21
12/ 11																				1	21
10/ 9																					[illegible]0
8/ 7		.1																	3	2	1[illegible]
6/ 5																				1	[illegible]

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.											
Dry Bulb											
Wet Bulb											
Dew Point											

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 YEARS | DEC MONTH

PAGE 2 | 0600-0800 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 3																					2
0/ -1																					1
-2/ -3																					2
-4/ -5																					3
TOTAL	14.2	52.5	24.1	6.7	2.1	.5	.1											3325	3326	3325	3325

Element	Σx	x̄	σx	Nr. Obs.	Mean No. of Hours with Temperature					
					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Actual	72-70769	757.5	82.9	13.376	3325						
Dry Bulb	369074	144312	43.4	11.071	3326		15.0	1.8			93
Wet Bulb	66 4085	137.97	41.3	11.281	3325		21.7	.5			93
Dew Point	54.3035	1273.4	38.3	13.028	3325	.2	33.6	.4			93

USAF ETAC FORM 0-26-5 (OLAI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) DEC (MONTH)

PAGE 1 0900-1100 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79					.0													1	1		
78/ 77				.0	.1		.0											5	6		
76/ 75			.0	.2	.1	.1												15	15		
74/ 73			.2	.4	.2	.0												27	27		
72/ 71		.1	.4	.5	.2	.1	.0											46	46	4	
70/ 69		.1	.7	.4	.2	.1	.0											54	54	25	5
68/ 67	.1	1.0	.8	.4	.2	.1	.1		.0	.0								89	89	59	29
66/ 65	.2	1.1	.8	.4	.2	.1	.1	.0	.0									102	102	88	58
64/ 63	.1	.9	.8	.5	.3	.2	.1	.1	.0									101	101	83	87
62/ 61	.3	1.5	.5	.7	.5	.4	.2	.0										137	137	99	87
60/ 59	.4	1.4	.6	1.0	.5	.3	.4	.1										159	159	118	110
58/ 57	.3	1.1	.9	.7	.7	.5	.4	.1	.0									154	154	95	98
56/ 55	.3	1.9	1.1	1.0	.8	.6	.6	.1										211	211	128	93
54/ 53	.3	1.1	1.0	1.4	1.0	.7	.3											194	194	152	108
52/ 51	.5	1.3	.9	1.5	1.2	1.1	.1											221	221	142	122
50/ 49	.3	1.6	1.6	2.0	1.6	.8	.3											271	271	180	103
48/ 47	.3	1.6	1.3	1.9	1.9	.8	.2											262	262	208	130
46/ 45	.4	1.9	1.4	2.3	1.6	.5	.0											273	273	244	147
44/ 43	.0	1.6	1.9	1.6	1.1	.3	.0											217	217	271	153
42/ 41	.4	1.0	1.9	1.7	1.2	.3												217	217	264	173
40/ 39	.2	1.2	2.1	1.2	.8	.0												183	185	287	183
38/ 37	.1	1.0	1.2	1.4	.2	.0												127	127	250	183
36/ 35	.1	.4	1.2	.8	.4													97	97	198	204
34/ 33	.1	.4	.6	.7	.1													69	69	130	208
32/ 31		.2	.4	.5	.1													41	41	123	206
30/ 29		.1	.5	.3	.0													30	30	59	195
28/ 27		.1	.3	.0														16	16	53	126
26/ 25			.3															9	9	36	120
24/ 23			.1															2	2	20	98
22/ 21		.1	.1															4	4	9	87
20/ 19			.0															1	1	4	55
18/ 17																				2	54
16/ 15			.1															2	2		46
14/ 13			.0															1	1		21

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 YEARS | DEC MONTH

 0900-1100 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
12/ 11																		2	2	3	23
10/ 9		.0	.0																	2	8
8/ 7																					7
6/ 5																					6
4/ 3																					3
2/ 1																					2
0/ -1																					1
-2/ -3																					1
-4/ -5																					1
-12/-13																					1
TOTAL	4.5	22.4	23.0	23.5	15.3	7.1	2.9	.5	.1	.0								3342	3342		3342
																		3342		3342	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	17146420	231738	69.3	17.958	3342							
Dry Bulb	8762188	167620	50.2	10.310	3342		3.0	6.6	1.3			93
Wet Bulb	7279271	151995	45.5	10.474	3342		8.7	2.4				93
Dew Point	3887347	132869	39.8	13.455	3342	.1	29.5	.9				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 YEARS | DEC MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83							.0											1	1		
82/ 81						.1	.1											6	6		
80/ 79			.0		.1	.1		.1	.0									11	11		
78/ 77				.0	.1	.3	.1	.1	.0									25	25		
76/ 75			.0	.2	.6	.5	.3	.1	.0									60	60	1	
74/ 73			.1	.7	.4	.7	.3	.2	.1		.1							81	81		1
72/ 71		.1	.2	.4	1.0	.7	.7	.2	.1	.0		.1						116	116	15	
70/ 69	.0	.1	.7	.9	.7	.6	.4	.2	.2	.1								138	138	34	5
68/ 67	.0	.3	.7	.5	.7	.6	.6	.5	.4	.1	.1							153	153	66	29
66/ 65	.1	.8	.8	.6	.8	.7	.6	.7	.4	.2	.1							185	185	108	52
64/ 63	.2	.4	.4	.4	.5	.8	.6	.8	.6	.1	.0							169	169	154	94
62/ 61	.1	.9	.5	.4	.8	1.3	.6	.9	.6	.2								208	208	118	92
60/ 59	.1	1.1	.4	.7	.8	1.0	1.4	1.2	.3									233	233	157	117
58/ 57	.2	1.0	.3	.4	1.0	1.1	1.5	.8	.1									216	216	129	129
56/ 55	.1	1.2	.4	.7	.8	1.5	1.8	.6	.1									241	241	144	115
54/ 53	.1	.7	.7	.4	1.3	1.7	1.4	.3										223	223	200	115
52/ 51	.2	.7	.6	.6	1.7	1.9	1.2	.2										239	239	134	125
50/ 49	.2	1.2	.8	.8	1.5	.6	.8	.1										235	235	223	12
48/ 47	.3	1.0	.8	.8	1.3	1.1	.7	.1										205	205	253	119
46/ 45	.1	1.0	.7	.7	.8	1.1	.4											170	170	326	149
44/ 43	.1	.6	1.0	.5	.6	.7	.0											115	115	231	198
42/ 41	.2	.6	.6	.2	.7	.6	.0											98	98	164	
40/ 39	.1	.5	.6	.5	.9	.1												91	91	7	8
38/ 37	.1	.1	.1	.5	.4	.1												44	44	1	1
36/ 35	.1	.0	.1	.3	.4	.0												31	3	0	1
34/ 33		.1	.1	.1	.1	.0												19	19	77	210
32/ 31			.1	.1	.1													10	10	75	165
30/ 29			.0	.1	.1													6	6	32	185
28/ 27			.0	.0														2	2	14	117
26/ 25																				8	111
24/ 23			.0	.0														2	2	8	107
22/ 21			.0															1	1	1	88
20/ 19			.0															1	1	2	68
18/ 17																				1	54

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION — MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME — 37-72 YEARS — DEC MONTH

PAGE 2 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL D.B.	TOTAL Wet Bulb	TOTAL Dew Point
16/ 15																			1	62
14/ 13																				38
12/ 11																				25
10/ 9																				6
8/ 7																				8
6/ 5																				4
4/ 3																				4
2/ 1																				1
-2/ -3																				3
TOTAL	2,4	12,6	11,0	11,8	18,6	19,0	13,7	7,1	2,8	,7	,3	,1						3335		3335
																	3335		3335	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	12013952	192996	57,9	20,821	3335							
Dry Bulb	10880014	187424	56,2	10,201	3335		,6	16,5	5,1	,3		93
Wet Bulb	8212837	162217	48,6	9,835	3335		4,0	3,2	,0			93
Dew Point	5997340	133570	40,1	13,939	3335	,1	29,2	1,0	,0			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITION IS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

13821 STATION — MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME — 37-72 YEARS — DEC MO

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81						.1												2	2		
80/ 79				.1		.1	.1											8	8		
78/ 77		.0	.0		.1	.2	.1	.0										19	19		
76/ 75				.3	.3	.3	.2	.1	.0									44	44	2	
74/ 73			.1	.4	.4	.5	.2	.1	.0		.0							61	61	2	2
72/ 71		.1	.2	.5	.8	.7	.4	.2		.0	.0	.0						101	101	5	2
70/ 69		.1	.6	.6	1.1	.9	.5	.1	.1	.1	.0							141	141	31	2
68/ 67		.4	1.0	.7	1.0	.5	.3	.3	.2	.2	.1							158	158	50	22
66/ 65	.0	.8	.7	.5	.7	.7	.5	.6	.4	.2	.0							173	173	96	42
64/ 63	.1	.7	.7	.4	.7	.7	.6	.7	.5	.1	.0							176	176	142	92
62/ 61	.1	.6	.5	.6	.9	1.0	.8	1.0	.4	.2	.0							212	212	191	91
60/ 59	.3	.9	.7	.7	1.0	1.1	1.5	1.1	.2	.1								251	251	157	119
58/ 57	.1	1.3	.5	.5	1.0	1.8	1.0	.6	.2									249	249	136	134
56/ 55	.2	1.0	.6	.7	.9	1.8	1.6	.7	.1									252	252	159	123
54/ 53	.1	1.0	.6	.7	.9	2.2	1.0	.4	.0									233	233	169	127
52/ 51	.0	.9	.4	1.0	1.6	1.7	1.3	.2										238	236	202	116
50/ 49	.2	1.3	1.1	.9	1.8	1.3	1.0	.3										267	267	228	139
48/ 47	.2	1.1	.4	.8	1.3	1.0	.5	.1										184	184	291	146
46/ 45	.2	1.2	.8	.7	.6	1.0	.3											164	164	310	130
44/ 43	.1	.6	.7	.4	.7	.7	.1											109	109	307	149
42/ 41	.0	.3	.8	.4	.5	.6	.0											88	88	234	156
40/ 39	.4	.3	.5	.4	.9	.2												89	89	218	143
38/ 37	.0	.2	.4	.8	.5	.0												65	65	132	177
36/ 35	.1	.1	.2	.2	.2													28	28	112	215
34/ 33		.1	.2	.1	.0													13	13	75	178
32/ 31		.0	.1	.0	.1													6	6	90	186
30/ 29			.1	.1														6	6	21	190
28/ 27				.0														1	1	11	102
26/ 25			.0															1	1	8	102
24/ 23																				2	96
22/ 21			.0															1	1	2	106
20/ 19			.0															1	1		61
18/ 17																				1	54
16/ 15			.0															1	1	1	66

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) JUL 64 — USAFETAC — REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) DEC (MONTH)

PAGE 2 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
14/ 13																				1	38
12/ 11																					16
10/ 9																					7
8/ 7																					7
6/ 5																					1
4/ 3																					1
2/ 1																					1
0/ -1																					1
-6/ -7																					1
-8/ -9																					1
TOTAL	2,4	13,3	12,0	12,5	17,9	19,2	12,8	6,6	2,1	,8	,3	,0						3342	3342		3342
																				3342	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12970387	196205	58,7	20,843	3342							
Dry Bulb	10784024	187006	56,0	9,785	3342		,5	14,9	3,7	,2		93
Wet Bulb	8197650	162400	48,6	9,571	3342		3,8	2,5	,1			93
Dew Point	6032324	134412	40,2	13,693	3342	,1	28,9	,8	,1			93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) DEC (MONTH)

 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75				.1	.0													3	3		
74/ 73			.1	.1	.1	.0												11	11		
72/ 71		.0	.4	.3	.1	.1												28	28		
70/ 69		.2	.5	.5	.2	.0												42	43	12	2
68/ 67		.5	1.0	.6	.5	.1					.0							89	89	25	14
66/ 65	.0	1.2	1.1	.9	.5	.2												131	131	53	37
64/ 63	.2	1.4	.8	.9	.4	.3	.0	.0										133	133	109	72
62/ 61	.2	1.2	.8	.5	.5	.3	.2		.0									122	122	113	83
60/ 59	.3	1.8	.8	.8	.7	.5	.0											159	159	135	106
58/ 57	.5	1.2	1.2	.7	.9	.8	.3	.2	.0									190	190	144	117
56/ 55	.3	1.5	1.4	1.2	1.1	1.1	.3	.1										233	233	118	133
54/ 53	.3	1.2	1.4	1.4	1.7	.8	.3	.0										233	233	149	103
52/ 51	.2	1.4	1.3	1.4	1.3	1.0	.3	.0										227	227	154	114
50/ 49	.1	1.8	1.2	1.8	2.3	.7	.2	.0										268	268	188	144
48/ 47	.5	1.7	1.6	2.5	2.1	.7	.1	.0										307	307	245	139
46/ 45	.5	1.5	1.5	2.9	1.6	.7	.1											291	291	267	168
44/ 43	.4	1.3	1.8	1.9	1.3	.2												232	232	265	171
42/ 41	.1	.8	1.3	1.5	1.0	.2												160	160	296	170
40/ 39	.4	.5	.4	1.4	.8	.1												153	153	301	169
38/ 37	.1	.4	.9	1.4	.3													103	103	205	195
36/ 35	.1	.2	.7	1.1	.2													74	74	158	217
34/ 33	.1	.4	.5	.6	.1													56	56	143	176
32/ 31		.2	.5	.3	.0													35	35	93	223
30/ 29		.2	.3	.1														18	18	55	159
28/ 27			.1	.1														6	6	48	110
26/ 25				.1														3	3	23	110
24/ 23			.0															1	1	3	118
22/ 21			.1															2	2	5	94
20/ 19																				1	44
18/ 17																				2	45
16/ 15			.0															1	1		36
14/ 13			.1															2	2		23
12/ 11																				2	8
10/ 9																				1	2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 2 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS) DEC (MONTH)

PAGE 2 1800-2000 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
8/ 7																					2
6/ 5																					4
4/ 3																					2
-4/ -5																					4
-8/ -9																					1
TOTAL	4,1	20,5	22,9	25,0	17,5	7,8	1,8	,4	,1		,0								3314		3315
																		3314		3315	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	> 80 F	≥ 93 F	Total
Rel. Hum.	16791626	228588	69,0	17,585	3314							
Dry Bulb	8834096	168234	50,8	9,416	3314		1,9	4,9	,4			93
Wet Bulb	7321470	152398	46,0	9,755	3315		6,5	1,0				93
Dew Point	5911606	133422	40,2	12,784	3315	,1	27,6	,4				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 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
74/ 73			.0	.0														2	2		
72/ 71		.1	.3	.0	.0													15	15	1	
70/ 69		.4	.2	.1	.1													25	25	8	3
68/ 67		.6	.8	.2	.0													52	52	22	16
66/ 65		1.1	.6	.2	.0													66	66	45	27
64/ 63	.3	1.0	1.0	.3	.1													90	90	83	69
62/ 61	.3	1.8	1.0	.4	.1	.0												119	119	64	67
60/ 59	.5	2.0	.7	.3	.2	.2												130	130	125	84
58/ 57	.5	1.9	1.0	.6	.5	.1												149	149	130	111
56/ 55	.4	1.9	.8	.5	.6	.1												145	145	112	123
54/ 53	.8	1.6	1.1	1.0	.6	.2	.0	.0										176	176	139	123
52/ 51	.4	2.0	1.5	1.0	.5	.4	.1											193	193	115	111
50/ 49	.7	2.2	1.5	1.6	.7	.3												227	227	184	116
48/ 47	.5	2.0	2.1	1.8	.5	.1	.0											238	235	204	140
46/ 45	.4	2.3	2.7	2.5	.7	.2	.1											293	293	194	132
44/ 43	.6	2.8	2.8	2.0	.8	.1												301	301	256	186
42/ 41	.3	2.1	3.3	1.3	.7	.0												254	254	262	191
40/ 39	.5	1.6	2.9	1.3	.3	.0												220	220	316	205
38/ 37	.1	1.4	2.9	1.4	.3													197	197	241	215
36/ 35	.2	1.2	1.7	.9	.2													138	138	224	184
34/ 33	.1	.8	1.1	.6	.0													88	88	183	241
32/ 31	.1	.4	.9	.4	.0													60	60	130	186
30/ 29		.5	1.0	.4														60	60	84	171
28/ 27		.3	.8															36	36	75	103
26/ 25		.1	.2	.1														13	13	60	125
24/ 23			.1															4	4	20	92
22/ 21		.0																1	1	8	71
20/ 19			.1															2	2	4	51
18/ 17		.0																1	1	1	62
16/ 15																				2	42
14/ 13																					15
12/ 11		.1																3	3		14
10/ 9																				3	3
8/ 7																					10

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 YEARS | DEC MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D B./W.B.	Dry Bulb	Wet Bulb	Dew Point
6/ 5																					1
4/ 3																					2
-2/ -3																					2
-6/ -7																					1
TOTAL	6.5	32.4	33.2	18.6	7.0	1.9	.2	.0										3295	3295	3295	3295

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	19836975	250543	76.0	15.451	3295							
Dry Bulb	7707741	156077	47.4	9.775	3295		5.1	2.7	.1			93
Wet Bulb	6718329	144967	44.0	10.165	3295		10.9	.9				93
Dew Point	5735424	131070	39.8	12.584	3295	.1	26.8	.5				93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13821 (STATION) MAXWELL APB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	44.3	46.6	51.9	59.7	66.8	73.2	75.1	75.0	70.4	60.1	49.9	45.0	59.8
	S D	11.620	10.773	9.750	7.509	5.938	4.185	2.948	3.149	5.567	8.125	9.978	10.225	14.066
	TOTAL OBS	3213	2938	3125	3050	3158	3053	3150	3069	3144	3240	3144	3240	37532
03-05	MEAN	42.8	44.7	49.8	57.3	64.5	71.4	73.6	73.3	68.6	58.0	47.9	43.3	57.9
	S D	12.030	11.139	10.306	8.054	6.210	4.203	2.769	3.062	5.723	8.573	10.405	10.770	14.277
	TOTAL OBS	3222	2934	3122	3049	3168	3079	3168	3099	3176	3270	3145	3234	37686
06-08	MEAN	42.6	44.6	50.8	60.3	69.0	75.9	77.3	76.6	71.3	60.0	48.6	43.4	60.1
	S D	12.265	11.344	10.436	8.224	6.597	5.007	3.931	4.118	6.148	8.710	10.455	11.071	15.693
	TOTAL OBS	3235	2934	3117	3130	3239	3125	3195	3159	3236	3334	3232	3326	38262
09-11	MEAN	40.5	91.9	58.9	69.4	78.0	83.9	85.0	85.0	80.3	70.8	58.0	50.2	68.4
	S D	11.753	11.138	10.406	8.136	6.845	5.416	4.724	4.746	6.548	8.069	10.062	10.310	16.072
	TOTAL OBS	3238	2935	3123	3127	3231	3130	3201	3159	3226	3335	3226	3342	38273
12-14	MEAN	54.4	58.0	64.8	74.7	82.6	87.9	88.8	89.1	84.7	76.3	64.0	56.2	73.5
	S D	11.719	11.181	10.573	8.239	6.996	5.995	5.514	5.208	6.824	7.674	9.952	10.201	15.432
	TOTAL OBS	3237	2938	3125	3127	3235	3128	3203	3158	3233	3339	3229	3335	38287
15-17	MEAN	54.7	58.4	65.3	75.1	82.4	87.1	87.4	88.0	83.8	75.0	62.8	56.0	73.0
	S D	11.326	10.756	10.220	8.121	7.207	6.694	6.570	5.927	6.916	7.596	9.622	9.785	15.061
	TOTAL OBS	3236	2928	3121	3129	3240	3122	3210	3152	3232	3336	3233	3342	38281
18-20	MEAN	50.0	53.3	59.7	68.7	76.1	81.5	81.9	81.9	77.1	67.3	56.3	50.8	67.1
	S D	10.919	10.313	9.443	7.608	6.748	5.977	5.390	5.028	6.156	7.496	9.269	9.416	14.499
	TOTAL OBS	3231	2932	3127	3124	3239	3121	3197	3156	3231	3332	3222	3314	38226
21-23	MEAN	46.7	49.4	55.2	63.4	70.4	76.3	77.6	77.5	72.8	62.7	52.2	47.4	62.6
	S D	11.190	10.400	9.263	7.302	5.965	4.564	3.645	3.645	5.651	7.708	9.546	9.775	14.012
	TOTAL OBS	3221	2939	3114	3100	3184	3076	3164	3097	3175	3277	3202	3295	37844
ALL HOURS	MEAN	48.0	50.9	57.1	66.2	73.8	79.7	80.9	80.8	76.2	66.3	55.0	49.1	65.3
	S D	12.455	12.036	11.565	10.185	9.293	7.976	7.099	7.227	8.547	10.429	11.545	11.296	15.958
	TOTAL OBS	25833	23478	24974	24836	25714	24834	25468	25049	25653	26471	25639	26420	304391

USAFETAC FORM JUL 64 0-89-5 (OL-1)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13821 STATION — MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME — 37-72 YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	41,8	43,5	48,4	55,9	62,8	69,5	72,0	71,9	67,1	57,1	47,1	42,4	56,6
	S D	11,960	11,147	10,190	7,971	5,973	4,072	2,731	3,033	5,853	9,[illegible]10	10,166	10,270	14,031
	TOTAL OBS	3213	2938	3115	3049	3157	3051	3149	3066	3144	3246	3144	3239	37517
03-05	MEAN	40,7	42,3	47,1	54,6	61,7	68,7	71,3	71,0	66,1	55,6	45,7	41,2	55,5
	S D	12,310	11,934	10,741	8,489	6,336	4,354	2,895	3,212	6,096	8,775	10,520	11,004	14,355
	TOTAL OBS	3223	2934	3112	3049	3186	3073	3168	3099	3173	3263	3140	3230	37656
06-08	MEAN	40,5	42,2	47,6	56,2	63,6	70,7	73,9	72,4	67,3	56,7	46,1	41,[illegible]	56,5
	S D	12,471	11,655	10,802	8,461	6,281	4,365	2,781	3,353	6,096	8,715	10,584	11,281	14,941
	TOTAL OBS	3236	2935	3108	3129	3239	3125	3195	3159	3232	3326	3227	3325	38236
09-11	MEAN	44,1	46,3	51,7	60,0	66,9	73,0	75,3	75,0	70,5	61,5	51,1	45,5	60,1
	S D	11,791	10,943	10,066	7,857	5,869	4,010	2,879	3,017	5,552	7,6[illegible]	9,825	10,[illegible]74	14,048
	TOTAL OBS	3238	2937	3113	3127	3232	3129	3[illegible]	3159	3226	3[illegible]3	3222	3[illegible]12	38201
12-14	MEAN	47,3	49,4	54,2	61,6	67,7	73,4	75,7	75,3	71,2	63,1	53,6	48,6	61,8
	S D	11,111	10,224	9,417	7,258	5,405	3,812	2,815	2,955	5,021	7,085	9,22[illegible]	9,835	12,840
	TOTAL OBS	3236	2936	3116	3127	3235	3124	320[illegible]	3158	32[illegible]2	3339	3228	3335	38271
15-17	MEAN	47,5	49,5	54,3	61,6	67,4	72,9	75,1	74,8	70,8	62,6	53,0	48,[illegible]	61,5
	S D	10,828	9,912	9,053	6,930	5,061	3,687	2,747	2,861	4,[illegible]88	6,997	8,96[illegible]	9,571	12,525
	TOTAL OBS	3236	2928	3117	3129	3240	3119	3210	3133	3231	3334	3235	3342	38272
18-20	MEAN	45,2	47,1	52,1	59,7	66,0	71,9	74,0	73,8	69,[illegible]	60,5	5[illegible],3	46,0	59,7
	S D	11,065	10,230	9,240	7,218	5,310	3,745	2,669	2,896	5,156	7,828	9,[illegible]53	9,755	13,145
	TOTAL OBS	3231	2933	3123	3123	3238	3122	3197	3156	3231	33[illegible]7	[illegible]222	3319	38218
21-23	MEAN	43,3	45,1	50,2	57,7	64,4	70,7	73,0	72,8	68,2	5[illegible],[illegible]	48,2	44,0	58,0
	S D	11,544	10,684	9,545	7,588	5,632	3,844	2,653	2,945	5,586	8,009	9,765	10,165	13,653
	TOTAL OBS	3221	2939	3110	3097	3164	3076	3164	3097	3176	3274	3203	3295	836
ALL HOURS	MEAN	43,8	45,7	50,7	58,5	65,1	71,4	73,7	73,4	68,8	59,5	49,4	[illegible],7	58,7
	S D	11,927	11,147	10,231	8,133	6,114	4,307	3,173	3,384	5,832	[illegible],360	10,238	10,716	13,895
	TOTAL OBS	25834	23482	24917	24830	25711	24825	25487	25050	25645	[illegible]0444	25619	26423	304267

USAFETAC FORM JUL 64 0 89-5 (OL-1)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	38,3	39,4	44,6	52,8	60,4	67,7	70,7	70,5	65,3	54,8	44,0	39,0	53,9
	S D	14,251	13,686	12,321	9,678	6,972	4,713	3,192	3,504	6,736	9,553	11,769	12,398	15,662
	TOTAL OBS	3213	2938	3119	3049	3157	3051	3149	3069	3144	3246	3144	3239	37518
03-05	MEAN	37,6	38,8	44,0	52,4	59,9	67,4	70,2	69,9	64,6	53,8	43,2	38,3	53,4
	S D	14,277	13,862	12,591	9,766	7,103	4,880	3,294	3,633	6,861	9,708	11,827	12,744	15,777
	TOTAL OBS	3223	2933	3112	3049	3186	3079	3168	3099	3173	3263	3140	3230	37655
06-08	MEAN	37,3	38,5	44,0	52,8	60,6	68,2	70,9	70,5	65,1	54,1	43,2	38,3	53,6
	S D	14,466	13,999	12,945	10,279	7,527	5,128	3,376	3,755	7,019	9,885	12,060	13,028	16,201
	TOTAL OBS	3236	2935	3108	3129	3239	3120	3194	3159	3232	3326	3227	3325	38236
09-11	MEAN	38,4	39,5	44,3	52,9	60,4	68,0	71,1	70,8	65,5	55,0	44,2	39,8	54,2
	S D	14,913	14,443	13,730	11,302	8,397	5,589	3,897	4,037	7,360	10,715	13,100	13,455	16,287
	TOTAL OBS	3238	2937	3113	3127	3232	3129	3201	3159	3226	3335	3219	3342	38258
12-14	MEAN	38,8	39,7	44,0	52,0	59,0	66,6	70,1	69,4	64,3	53,8	43,5	40,1	53,5
	S D	15,135	14,688	13,966	11,492	8,478	5,886	4,242	4,551	7,362	11,242	13,678	13,939	16,057
	TOTAL OBS	3236	2938	3116	3127	3235	3124	3203	3158	3232	3339	3227	3335	38270
15-17	MEAN	38,9	39,5	43,8	51,6	58,5	66,2	69,7	69,0	64,1	53,9	43,4	40,2	53,3
	S D	15,066	14,694	13,820	11,311	8,327	5,983	4,227	4,616	7,388	10,840	13,255	13,693	15,849
	TOTAL OBS	3236	2928	3117	3129	3239	3120	3209	3153	3231	3334	3233	3342	38271
18-20	MEAN	39,1	39,9	44,6	52,8	59,9	67,3	70,6	70,3	65,6	55,7	44,3	40,2	54,2
	S D	14,256	13,922	12,880	10,397	7,642	5,371	3,608	3,955	6,590	9,780	12,249	12,784	15,569
	TOTAL OBS	3231	2932	3123	3123	3238	3122	3197	3156	3231	3327	3222	3315	38217
21-23	MEAN	38,7	39,8	4[illegible]	53,3	60,8	68,1	71,0	70,7	65,7	55,5	44,0	39,8	54,3
	S D	14,209	13,704	12,119	9,849	7,046	4,688	3,171	3,598	6,631	9,631	11,913	12,584	15,620
	TOTAL OBS	3221	2935	3110	3097	3184	3076	3164	3097	3176	3274	3203	3295	37836
ALL HOURS	MEAN	38,4	39,4	44,3	52,6	59,9	67,4	70,5	70,1	65,0	54,6	43,7	39,5	53,8
	S D	14,595	14,136	13,[illegible]	10,550	7,751	5,347	3,680	4,027	7,027	10,217	12,512	13,137	15,886
	TA. OBS	3834	23480	24918	2,830	25710	24827	25485	25050	25645	26444	25615	26423	304261

USAFETAC FORM JUL 64 0-89-5 (OL-1)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (PERIOD) ALL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.9	97.8	92.4	83.3	71.3	56.4	40.5	19.8	71.8	25827
FEB		100.0	99.5	95.7	87.7	76.3	63.9	49.3	33.9	16.1	67.3	23480
MAR		100.0	99.4	94.0	84.8	73.2	60.2	45.9	31.3	14.1	65.2	24916
APR		100.0	99.5	94.5	84.8	72.9	59.8	45.5	29.9	11.0	65.4	24827
MAY		100.0	99.8	96.3	86.7	73.4	59.9	45.7	27.7	8.6	65.6	25710
JUN		100.0	100.0	98.9	92.7	80.6	67.1	52.5	35.1	9.6	69.3	24823
JUL		100.0	100.0	99.7	96.8	88.1	75.4	60.2	42.8	13.3	73.4	25484
AUG		100.0	100.0	99.7	96.3	86.3	73.3	58.6	41.6	13.2	72.7	25050
SEP		100.0	100.0	98.8	93.4	83.4	70.7	56.4	40.4	13.0	71.4	25641
OCT		100.0	99.6	96.7	89.0	78.9	67.1	54.2	37.9	13.7	69.4	26442
NOV		100.0	99.6	96.1	88.8	78.5	66.7	52.8	36.3	16.1	69.2	25612
DEC		100.0	99.8	98.1	92.5	83.4	71.6	57.0	40.9	20.7	72.2	26422
TOTALS		100.0	99.8	97.2	90.5	79.9	67.2	52.9	36.7	14.1	68.5	304234

USAFETAC FORM JUL 64 0-87-5 (OL A)

DA[illegible]SSING BRANCH
[illegible] SERVICE/MAC

RELATIVE HUMIDITY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-72 PERIOD | JAN MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	99.2	96.5	88.6	73.9	55.6	28.4	80.0	3213
	03-05	100.0	1[illegible].0	100.0	99.8	98.0	92.3	80.7	63.3	34.0	82.6	3223
	06-08	100.0	100.0	99.9	99.7	97.9	92.2	79.4	61.5	32.7	82.1	3235
	09-11	100.0	100.0	99.4	94.4	83.2	67.7	49.8	32.9	13.8	69.8	3238
	12-14	100.0	99.5	92.7	78.1	60.3	43.2	29.2	18.5	8.3	58.6	3234
	15-17	100.0	99.5	91.2	76.6	59.1	43.1	30.2	20.3	9.5	58.5	3233
	18-20	100.0	100.0	99.4	93.6	79.8	63.7	45.7	27.9	13.3	68.1	3231
	21-23	100.0	100.0	99.9	98.0	91.7	78.8	62.6	42.2	18.3	74.9	3220
TOTALS		100.0	99.9	97.8	92.4	83.3	71.2	56.4	40.3	19.8	71.d	25827

USAFETAC FORM JUL 64 C-87-5 (OL .)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (PERIOD) FEB (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	99.9	98.9	93.5	83.3	67.8	48.2	22.2	77.2	2938
	03-05	100.0	100.0	99.9	99.1	95.8	89.0	75.3	57.8	30.3	80.6	2933
	06-08	100.0	100.0	99.9	98.9	95.3	87.9	73.2	54.9	27.0	79.4	2935
	09-11	100.0	99.8	98.0	88.4	73.1	57.0	40.3	24.0	10.0	64.7	2937
	12-14	100.0	98.3	86.8	68.3	50.7	36.2	24.2	14.2	6.2	54.0	2938
	15-17	100.0	98.0	84.3	64.8	48.3	34.5	24.4	15.0	7.5	53.3	2928
	18-20	100.0	100.0	97.3	86.7	68.0	51.8	35.8	22.7	10.3	62.9	2932
	21-23	100.0	100.0	99.6	96.1	85.9	71.5	53.4	34.7	15.0	71.3	2939
TOTALS		100.0	99.5	95.7	87.7	76.3	63.9	47.3	33.9	16.1	67.9	23480

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13621 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (PERIOD) MAR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	99.8	99.0	95.5	83.6	67.0	46.2	19.3	76.9	3118
	03-05	100.0	100.0	99.9	99.5	97.5	91.7	78.7	58.2	29.4	81.4	3112
	06-08	100.0	100.0	99.8	98.9	94.7	86.3	71.1	50.5	23.6	78.3	3108
	09-11	100.0	99.9	96.3	83.1	65.4	47.9	32.9	20.2	8.5	61.0	3113
	12-14	100.0	98.4	81.5	61.3	43.1	29.6	18.8	11.2	4.9	50.4	3115
	15-17	100.0	97.3	78.4	57.2	41.1	28.2	18.4	12.3	5.6	49.5	3117
	18-20	100.0	99.8	96.6	81.8	62.2	45.7	30.9	19.9	9.3	60.1	3123
	21-23	100.0	100.0	99.8	97.4	80.2	68.3	49.2	31.7	12.5	70.1	3110
TOTALS		100.0	99.4	94.0	84.8	73.2	60.2	45.9	31.3	14.1	66.0	24916

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (PERIOD) APR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	99.9	99.2	97.2	90.6	76.2	50.7	16.6	78.8	3049
	03-05	100.0	100.0	100.0	99.9	99.0	96.5	87.4	67.6	30.4	84.0	3049
	06-08	100.0	100.0	99.9	99.0	94.9	86.0	70.0	46.9	15.3	77.0	3129
	09-11	100.0	99.9	95.7	81.5	64.0	43.4	24.8	11.7	4.0	58.1	3124
	12-14	100.0	98.7	82.9	59.9	37.9	21.9	13.2	7.6	3.4	48.1	3127
	15-17	100.0	97.9	80.2	55.5	35.3	21.5	14.1	8.7	3.1	47.1	3129
	18-20	100.0	99.8	97.2	85.5	65.4	43.4	26.1	15.4	5.5	59.3	3123
	21-23	100.0	100.0	99.8	97.7	89.5	75.1	51.8	30.4	9.9	71.0	3097
TOTALS		100.0	99.5	94.5	84.8	72.9	59.8	45.5	29.9	11.0	65.4	24827

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (PERIOD) MAY (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	99.2	95.7	82.0	56.6	16.4	80.6	3157
	03-05	100.0	100.0	100.0	100.0	99.8	99.0	92.8	75.6	26.0	85.2	3186
	06-08	100.0	100.0	99.9	99.4	96.6	87.8	68.0	40.0	8.1	75.6	3239
	09-11	100.0	99.9	96.8	86.1	63.6	37.6	18.2	7.1	1.5	56.5	3232
	12-14	100.0	99.2	88.3	62.1	34.0	16.5	9.1	4.8	1.3	47.1	3235
	15-17	100.0	99.0	87.0	58.4	32.3	19.2	12.3	7.1	2.3	47.2	3239
	18-20	100.0	99.9	98.2	88.3	67.2	42.8	25.8	14.1	3.6	59.5	3238
	21-23	100.0	100.0	100.0	99.5	94.7	80.3	57.3	31.9	9.3	72.9	3184
TOTALS		100.0	99.8	96.3	86.7	73.4	59.9	45.7	29.7	8.6	65.6	25710

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (PERIOD) JUN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100,0	100,0	100,0	100,0	99,9	98,4	91,2	68,6	18,8	83,5	3050
	03-05	100,0	100,0	100,0	100,0	100,0	99,7	96,8	86,9	29,4	87,4	3079
	06-08	100,0	100,0	100,0	99,9	98,9	93,3	78,1	45,1	7,5	77,8	3126
	09-11	100,0	100,0	99,4	94,4	78,0	48,7	19,8	7,1	2,3	60,4	3127
	12-14	100,0	99,9	96,6	78,1	44,9	21,7	10,6	5,3	1,8	51,4	3124
	15-17	100,0	99,9	95,4	74,9	45,7	27,7	16,6	8,5	2,6	52,7	3119
	18-20	100,0	100,0	99,4	94,2	78,9	56,8	35,6	18,6	4,8	64,3	3122
	21-23	100,0	100,0	100,0	99,9	98,4	90,6	71,2	40,3	9,6	76,6	3076
TOTALS		100,0	100,0	98,9	92,7	80,6	67,1	52,5	35,1	9,6	69,3	24823

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-41,43-72 (PERIOD) JUL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	99.9	99.6	96.7	81.1	25.1	86.3	3149
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	98.6	92.2	40.6	89.3	3168
	06-08	100.0	100.0	100.0	100.0	99.7	97.7	87.1	57.7	12.1	81.2	3194
	09-11	100.0	100.0	99.9	97.8	88.5	63.9	28.6	8.1	1.9	64.4	3201
	12-14	100.0	100.0	99.0	90.3	63.3	32.1	13.2	6.8	2.0	56.2	3203
	15-17	100.0	100.0	98.8	87.8	63.2	40.2	23.3	13.0	4.0	58.6	3209
	18-20	100.0	100.0	99.9	98.3	90.5	73.1	49.9	27.2	6.9	70.3	3196
	21-23	100.0	100.0	100.0	100.0	99.6	96.6	84.5	56.2	13.6	80.8	3164
TOTALS		100.0	100.0	99.7	96.8	88.1	75.4	60.2	42.8	13.3	73.4	25484

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-41,43-70,72 PERIOD | AUG MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	99.2	96.0	80.7	26.9	86.3	3069
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.3	91.7	40.8	89.4	3099
	06-08	100.0	100.0	100.0	100.0	99.7	98.1	88.5	60.7	13.5	81.9	3159
	09-11	100.0	100.0	100.0	98.1	86.8	60.7	26.1	8.6	1.4	63.7	3159
	12-14	100.0	100.0	98.9	87.7	57.4	27.2	10.4	4.7	1.6	54.3	3158
	15-17	100.0	100.0	98.7	85.9	56.5	33.3	17.8	8.9	2.8	55.9	3153
	18-20	100.0	100.0	100.0	98.7	90.5	72.6	48.7	23.6	6.0	69.6	3156
	21-23	100.0	100.0	100.0	100.0	99.7	95.1	83.2	54.2	12.6	80.3	3097
TOTALS		100.0	100.0	99.7	96.3	86.3	73.3	58.6	41.6	13.2	72.7	25050

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-58,60-72 (PERIOD) SEP (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100,0	100,0	100,0	100,0	99,7	97,3	90,0	72,3	24,0	84,3	3144
	03-05	100,0	100,0	100,0	100,0	99,9	99,2	94,3	83,9	35,0	87,5	3173
	06-08	100,0	100,0	100,0	99,9	99,1	95,2	84,5	61,8	16,6	81,5	3232
	09-11	100,0	100,0	99,4	93,9	79,7	54,0	27,4	10,9	2,3	62,3	3225
	12-14	100,0	100,0	95,6	77,7	50,3	26,5	12,9	7,1	2,6	52,8	3232
	15-17	100,0	99,8	95,6	76,2	50,5	30,3	17,2	10,6	3,5	54,2	3230
	18-20	100,0	100,0	99,9	98,0	89,3	70,5	46,6	24,1	6,9	69,1	3230
	21-23	100,0	100,0	100,0	99,8	98,6	92,8	78,6	52,6	12,9	79,2	3175
TOTALS		100,0	100,0	98,8	93,4	83,4	70,7	56,4	40,4	13,0	71,4	25641

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13821 STATION | MAXWELL AFB ALABAMA/MONTGOMERY STATION NAME | 37-72 PERIOD | OCT MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	99.9	98.7	95.4	87.3	66.3	25.5	83.3	3246
	03-05	100.0	100.0	100.0	99.9	99.4	97.8	92.5	76.5	36.9	86.2	3263
	06-08	100.0	100.0	100.0	99.6	98.0	94.0	82.4	60.9	21.5	81.5	3326
	09-11	100.0	99.8	96.6	86.6	68.8	46.1	25.8	12.2	2.8	59.4	3335
	12-14	100.0	98.1	86.6	62.0	38.6	21.7	12.4	6.5	2.0	48.3	3338
	15-17	100.0	99.0	90.3	67.7	43.1	24.9	15.0	8.2	2.3	50.6	333[illegible]
	18-20	100.0	100.0	99.8	96.4	87.0	67.2	43.9	22.7	5.6	67.8	3326
	21-23	100.0	100.0	99.8	99.5	97.2	89.7	74.5	49.8	13.2	78.2	3274
TOTALS		100.0	99.5	96.7	89.0	78.9	67.1	54.2	37.9	13.7	69.4	26442

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (PERIOD) NOV (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	99.6	97.5	91.7	78.5	58.2	25.8	81.0	3144
	03-05	100.0	100.0	99.9	99.8	98.7	95.4	86.3	67.8	35.2	84.1	3140
	06-08	100.0	100.0	99.9	99.6	97.6	93.2	81.6	61.0	29.6	82.0	3227
	09-11	100.0	99.9	97.3	87.1	71.4	51.9	33.7	19.3	7.5	62.4	3219
	12-14	100.0	98.3	84.9	64.6	42.2	27.2	17.6	11.0	4.1	50.5	3226
	15-17	100.0	98.5	87.8	68.1	46.5	31.0	19.8	12.2	5.0	52.4	3233
	18-20	100.0	100.0	99.0	93.2	80.2	61.2	40.5	21.6	7.8	65.9	3221
	21-23	100.0	100.0	100.0	98.7	93.7	81.8	64.1	39.3	13.7	74.9	3202
TOTALS		100.0	99.6	96.1	88.8	78.5	66.7	52.8	36.3	16.1	69.2	25612

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13821 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (PERIOD) DEC (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	99.9	99.5	96.7	89.0	75.6	55.5	2 .4	80.4	3239
	03-05	100.0	100.0	100.0	99.6	98.1	92.9	82.1	64.4	36.3	83.2	3230
	06-08	100.0	100.0	100.0	99.5	97.4	92.4	81.9	64.1	34.8	82.9	3325
	09-11	100.0	100.0	99.2	94.2	82.3	66.9	47.9	31.2	14.7	69.3	3342
	12-14	100.0	99.3	93.1	75.7	56.5	41.4	28.5	19.0	8.6	57.9	3335
	15-17	100.0	99.3	93.1	77.6	59.2	43.4	29.9	19.9	8.8	58.7	3342
	18-20	100.0	100.0	99.3	95.3	83.1	65.2	46.7	29.8	13.4	69.0	3314
	21-23	100.0	100.0	99.9	98.7	93.9	81.6	63.6	43.6	20.8	70.0	3295
TOTALS		100.0	99.8	98.1	92.5	83.4	71.6	57.0	40.9	2..7	72.2	20422

USAFETAC FORM JUL 64 0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

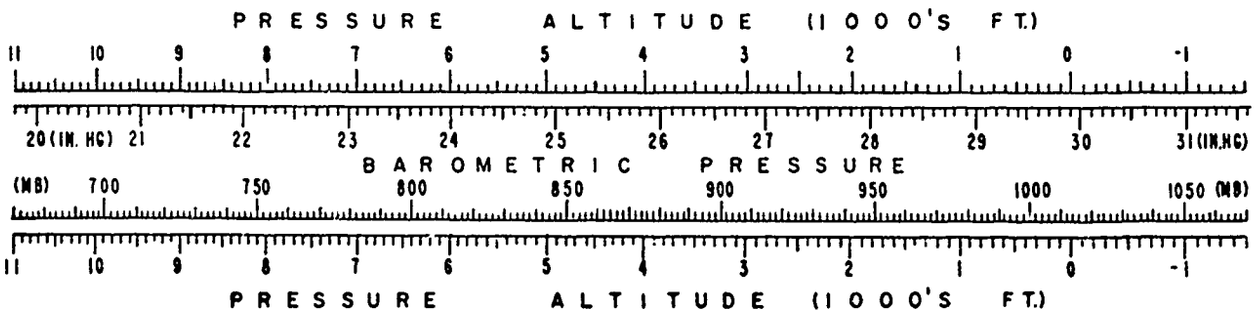
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/M..C

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

13821 — STATION
MAXWELL AFB ALABAMA/MONTGOMERY — STATION NAME
46-63, 65-72 — YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	29,958	29,911	29,859	29,837	29,809	29,795	29,822	29,810	29,821	29,865	29,913	29,958	29,864
	S D	,176	,189	,164	,146	,107	,088	,076	,082	,098	,125	,157	,168	,147
	TOTAL OBS	766	698	731	715	743	716	741	744	747	772	749	769	8891
03	MEAN	29,953	29,904	29,848	29,829	29,803	29,789	29,822	29,801	29,813	29,860	29,910	29,952	29,858
	S D	,178	,194	,167	,150	,109	,088	,076	,083	,099	,129	,162	,171	,151
	TOTAL OBS	767	697	730	713	744	718	741	744	749	769	747	770	8889
06	MEAN	29,972	29,926	29,879	29,866	29,838	29,825	29,856	29,837	29,846	29,891	29,931	29,964	29,886
	S D	,182	,196	,172	,155	,114	,093	,080	,095	,101	,133	,165	,176	,151
	TOTAL OBS	770	695	728	742	769	742	753	775	779	802	775	796	9126
09	MEAN	30,016	29,961	29,910	29,890	29,856	29,840	29,877	29,858	29,870	29,919	29,965	30,003	29,914
	S D	,186	,195	,176	,157	,115	,095	,080	,085	,102	,134	,166	,179	,155
	TOTAL OBS	770	697	732	740	766	745	754	774	775	800	776	803	9132
12	MEAN	29,967	29,925	29,875	29,857	29,824	29,811	29,840	29,828	29,836	29,872	29,915	29,954	29,876
	S D	,183	,189	,171	,154	,113	,093	,080	,083	,100	,129	,162	,174	,156
	TOTAL OBS	769	697	732	739	769	744	755	772	776	802	776	803	9134
15	MEAN	29,928	29,873	29,817	29,801	29,772	29,768	29,803	29,777	29,786	29,828	29,877	29,917	29,830
	S D	,179	,185	,167	,148	,110	,091	,078	,082	,100	,126	,158	,169	,148
	TOTAL OBS	768	693	732	742	770	740	760	773	777	801	776	804	9136
18	MEAN	29,946	29,885	29,823	29,799	29,773	29,763	29,802	29,780	29,793	29,842	29,899	29,936	29,837
	S D	,176	,184	,165	,144	,105	,092	,077	,079	,096	,124	,154	,165	,148
	TOTAL OBS	769	695	734	738	770	743	756	774	776	802	770	794	9121
21	MEAN	29,967	29,911	29,857	29,837	29,808	29,796	29,837	29,816	29,829	29,872	29,921	29,956	29,867
	S D	,176	,187	,165	,141	,104	,092	,078	,081	,097	,125	,155	,166	,146
	TOTAL OBS	768	699	729	739	770	738	755	773	779	801	778	796	9125
ALL HOURS	MEAN	29,964	29,912	29,858	29,839	29,811	29,798	29,834	29,813	29,824	29,869	29,917	29,954	29,867
	S D	,181	,192	,171	,152	,113	,095	,082	,087	,102	,131	,161	,173	,152
	TOTAL OBS	6147	5571	5848	5868	6101	5886	6015	6129	6158	6349	6147	6335	72554

USAFETAC FORM JUL 64 0-89-5 (OL-I)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13621 (STATION) MAXWELL AFB ALABAMA/MONTGOMERY (STATION NAME) 37-72 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	1020,9	1019,4	1017,7	1016,7	1015,8	1014,8	1016,2	1015,5	1016,1	1017,7	1019,8	1020,7	1017,6
	S D	6,021	6,546	5,647	3,108	3,631	3,920	2,539	2,769	3,332	4,154	5,423	5,885	5,165
	TOTAL OBS	1072	980	1041	1017	1052	1016	1051	1023	1047	1081	1049	1078	12507
03	MEAN	1020,9	1019,1	1017,3	1016,4	1015,6	1014,6	1015,9	1015,2	1015,9	1017,6	1019,7	1020,6	1017,4
	S D	6,072	6,731	5,767	5,260	3,688	3,913	2,330	2,800	3,374	4,274	5,533	5,996	5,275
	TOTAL OBS	1072	979	1040	1014	1052	1017	1051	1023	1048	1077	1047	1078	12498
06	MEAN	1021,3	1019,9	1018,4	1017,8	1016,9	1015,8	1017,0	1016,5	1017,0	1018,7	1020,5	1021,1	1018,4
	S D	6,213	6,769	5,923	5,409	3,861	4,114	2,656	2,876	3,443	4,400	5,672	6,147	5,282
	TOTAL OBS	1079	977	1036	1043	1079	1042	1063	1034	1078	1110	1074	1106	12741
09	MEAN	1022,8	1021,1	1019,4	1018,5	1017,4	1016,3	1017,7	1017,2	1017,8	1019,6	1021,6	1022,5	1019,3
	S D	6,261	6,694	6,026	5,305	3,896	4,179	2,647	2,879	3,477	4,453	5,718	6,232	5,432
	TOTAL OBS	1080	976	1042	1041	1073	1045	1065	1033	1075	1110	1073	1111	12746
12	MEAN	1021,1	1019,8	1018,2	1017,3	1016,3	1015,3	1016,6	1016,1	1016,5	1017,9	1019,8	1020,6	1018,0
	S D	6,142	6,458	5,849	5,372	3,813	4,083	2,665	2,875	3,413	4,313	5,547	6,134	5,226
	TOTAL OBS	1078	978	1042	1040	1076	1042	1065	1050	1076	1112	1076	1113	12748
15	MEAN	1019,8	1018,1	1016,2	1015,5	1014,7	1013,8	1015,2	1014,4	1014,9	1016,4	1018,5	1019,4	1016,4
	S D	6,002	6,351	5,692	5,203	3,708	3,904	2,610	2,781	3,389	4,193	5,437	5,967	5,155
	TOTAL OBS	1078	973	1040	1043	1080	1039	1069	1031	1076	1111	1078	1113	12751
18	MEAN	1020,5	1018,5	1016,5	1015,4	1014,6	1013,7	1015,2	1014,5	1015,2	1017,0	1019,3	1020,1	1016,7
	S D	5,952	6,365	5,633	5,046	3,562	3,920	2,570	2,692	3,295	4,115	5,320	5,878	5,199
	TOTAL OBS	1079	976	1043	1039	1078	1042	1065	1053	1076	1112	1071	1102	12736
21	MEAN	1021,2	1019,3	1017,6	1016,7	1015,8	1014,8	1016,3	1015,7	1016,4	1018,0	1020,0	1020,8	1017,7
	S D	5,953	6,451	5,648	4,960	3,530	3,989	2,570	2,742	3,310	4,142	5,362	5,852	5,129
	TOTAL OBS	1075	980	1040	1040	1078	1036	1064	1050	1077	1111	1077	1104	12732
ALL HOURS	MEAN	1021,1	1019,4	1017,6	1016,8	1015,9	1014,9	1016,3	1015,6	1016,2	1017,8	1019,9	1020,7	1017,7
	S D	6,128	6,601	5,853	5,328	3,825	4,090	2,723	2,939	3,493	4,350	5,564	6,066	5,304
	TOTAL OBS	8613	7821	8324	8277	8568	8279	8493	8357	8553	8824	8545	8805	101459

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